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Water Resources Data
Florida
Water Year 2005

Volume 3A. Southwest Florida Surface Water

Water-Data Report FL-05-3A

U.S. Department of the Interior
U.S. Geological Survey

Prepared in cooperation with the
State of Florida
and with other agencies

Calendar for Water Year 2005

2004

October

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Water Resources Data
FLORIDA
Water Year 2005

Volume 3A. Southwest Florida Surface Water

By Richard Kane and Mark Dickman

Water-Data Report FL-05-3A

Prepared in cooperation with the State of Florida and with other agencies

U.S. Department of the Interior
U.S. Geological Survey

U.S. Department of the Interior
Gale A. Norton, Secretary

U.S. Geological Survey
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2005

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PREFACE

This volume of the annual hydrologic data report of Florida is one of a series of annual reports that document hydrologic data gathered for the U.S. Geological Survey's surface- and ground-water data collection networks in each state, Puerto Rico, and the Trust Territories. These records of streamflow, ground-water levels, and quality of water provide the hydrologic information needed by State, local, and Federal agencies, and the private sector for developing and managing our Nation's land and water resources. Hydrologic data for Florida are contained in four volumes.

Volume 1. Northeast Florida
Volume 2. South Florida
Volume 3. Southwest Florida
Volume 4. Northwest Florida

This report is the culmination of a concerted effort by dedicated personnel of the U.S. Geological Survey who collected, compiled, analyzed, verified, and organized the data. This report was prepared for publication by S.M. Dickerson, and the Summary of Hydrologic Conditions was prepared by D.L. Fulcher under the supervision of R. L. Kane. The following individuals contributed significantly to the collection, processing, and tabulation of the data:

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13. ABSTRACT *(Maximum 200 words)*

Water resources data for the 2005 water year in Florida consist of continuous or daily discharges for 429 streams, periodic discharge for 9 streams, continuous or daily stage for 218 streams, periodic stage for 5 streams, peak stage for 28 streams and peak discharge for 28 streams, continuous or daily elevations for 15 lakes, periodic elevations for 23 lakes; continuous ground-water levels for 401 wells, periodic ground-water levels for 1,098 wells, and quality-of-water data for 211 surface-water sites and 208 wells.

The data for Southwest Florida include records of stage, discharge, and water quality of streams; stage, contents, water quality of lakes and reservoirs, and water levels and water quality of ground-water wells. Volume 3A contains records for continuous or daily discharge for 113 streams, periodic discharge for 4 streams, continuous or daily stage for 80 streams, periodic stage for 2 stream, peak stage and discharge for 8 streams, continuous or daily elevations for 3 lakes, continous or daily elevations for 3 lakes, and quality of water for 75 surface water sites.

These data represent the national Water Data System records collected by the U.S. Geological Survey and cooperating local, state, and federal agencies in Florida.

14. SUBJECT TERMS
*Florida, *Hydrologic data, *Surface Water, *Ground Water, *Water Quality, Flow-rate, Gaging stations, Lakes, Reservoirs, Chemical analyses, Sediments, Water Temperatures, Sampling sites, Water Levels, Water analyses, Elevations, Water wells.

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WATER RESOURCES DATA FOR FLORIDA, 2005
Volume 3A: Southwest Florida Surface Water

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ILLUSTRATIONS Page

SURFACE-WATER STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE PUBLISHED IN THIS VOLUME

NOTE.--Data for partial-record stations and miscellaneous sites for both surface-water discharge and quality are published in separate sections of the data report. See references at the end of this list for page numbers for these sections.

[Letters after station name designate type of data collected: (d) discharge, (c) chemical, (b) biological, (m) microbiological, (k) conductance, (t) water temperature, (s) sediment, (e) elevation, gage heights, or contents, (a) annual maximum or csi site, (r) rainfall, (o) dissolved oxygen and or pH.]

SURFACE-WATER STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE PUBLISHED IN THIS VOLUME--Continued

SURFACE-WATER STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE PUBLISHED IN THIS VOLUME--Continued

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SURFACE-WATER STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE PUBLISHED IN THIS VOLUME--Continued

The following continuous-record surface-water discharge or stage-only stations (gaging stations) in Florida have been discontinued. Daily streamflow or stage records were collected and published for the period, expressed in water years, shown for each station.

{Letters after station name designate type of data collected: (d) discharge, (e) elevation (stage only)}

Discontinued surface-water discharge or stage-only stations

Station name	Station number	Drainage area (mi^2)	Period of Record
KISSIMMEE RIVER BASIN			
Placid-June Canal Outfall near Lake Placid, FL (d)	02270805	---	2002
Sterns Creek near Lake Placid, FL (d)	02271000	44	1955-68
PEACE RIVER BASIN			
Peace Creek Drainage Canal near Dundee, FL (d)	02293694	58	1947-59
Peace Creek Drainage Canal near Alturas, FL (d)	02293986	160	1947-71
Williams Pond Clay Settling Area Outfall near Lakeland, FL (d)	280809081535800	0.80	1996-98
Lake Lulu Outlet at Eloise, FL (d)	02294068	23	1946-72
Tenoroc Ditch (site 19) near Lakeland, FL (d)	280651081502900	---	1997-99
Tenoroc Ditch (site 11) near Lakeland, FL (d)	280634081513200	---	1997-99
Tenoroc Ditch (site 13) near Lakeland, FL (d)	280557081512300	---	1997-99
Tenoroc Ditch above Structure (site 17A) near Lakeland, FL (e)	280531081520500	---	1997-99
Tenoroc Ditch below Structure (site 17A) near Lakeland, FL (d,e)	280531081520501	---	1997-99
Tenoroc Ditch (site 17B) near Lakeland, FL (d)	280441081520200	---	1997-99
Tenoroc Ditch (site 20) near Lakeland, FL (d)	280242081531600	---	1997-99
Banana-Hancock Canal near Highland City, FL (d)	02294405	18.8	1986-92
Peace River at State Highway 664A near Bowling Green, FL (e)	02295203	614	1998-03
Hog Branch near Wauchula, FL (d)	02295435	5.31	1969-75
Peace River at Wauchula, FL (e)	02295607	808	1970-72
Hickory Creek near Ona (d)	02295755	3.75	1982-84
Peace River at Peace River Ranch near Buchanan, FL (e)	02295798	890	2002-03
Oak Creek near Ona, FL (d)	02295850	15	1981-83
Little Charley Bowlegs Creek near Crewsville, FL (e)	02296180	21.2	1970-77
Little Charley Bowlegs Creek at SFL Rd near Sebring, FL (e)	02296191	30.6	1970-76
Little Charley Bowlegs Creek at Cott Rd near Sebring, FL (e)	02296207	38.1	1970-76
Little Charley Bowlegs Creek Abv Control near Sebring, FL (e)	02296222	41.9	1970-76
Little Charley Bowlegs Creek near Sebring, FL (d)	02296223	41.9	1952-83
Peace River near Gardner, FL (e)	02296525	---	2002-03
Peace River at Nocatee, FL (e)	02297105	1670	2002-03
West Fork Horse Creek near Myakka Head, FL (d)	02297153	13.5	1993-94
Brushy Creek near Lily, FL (d)	02297220	47.8	1993-95
Brandy Branch near Pine Level, FL (d)	02297272	15.1	1993-95
Buzzard Roost Branch near Pine Level, FL (d)	02297290	28.7	1993-95
Mossy Gully Tributary at State Hwy 70 near Arcadia, FL (e)	02297733	6.64	1973-81
Cow Slough near Arcadia, FL (e)	02297875	14.4	1973-77
MYAKKA RIVER BASIN			
Myakka River above Myakka City, FL (d)	02298556	86.3	2001
Myakka River Bel Sand Creek near Myakka City, FL (e)	02298618	---	1989-91, 2002-03
Myakka River at State Highway 780 near Verna, FL (d,e)	02298700	165	2002-03
Myakka River Bel Upper Myakka Lake near Sarasota, FL (d)	02298805	219	1946-51
Myakka River Bel Lower Myakka Lake near Sarasota, FL (d)	02298850	240	1946-51

Discontinued surface-water discharge or stage-only stations

Station name	Station number	Drainage area (mi^2)	Period of Record
MYAKKA RIVER BASIN--Continued			
Myakka River at Control near Laurel, FL (e)	02298880	253	1986-92
Myakka River near Laurel, FL (e)	02298900	258	1985-92
Tributary to Myakka River near Venice, FL (d)	02298928	a0.2	1993-03
Deer Prairie Slough near Myakka City, FL (d)	02299060	---	1993-03
Deer Prairie Slough at Power Line near North Port, FL (d)	02299120	a32.0	1993-03
Windom Slough near North Port Charlotte, FL (e)	270914082213700	---	1997
Big Slough Canal near North Port Charlotte, FL (d,e)	02299455	86.2	1989-01
Big Slough near Murdock, FL (d)	02299470	92.5	1963-72
COASTAL AREA BETWEEN MYAKKA AND MANATEE RIVERS			
Tributary to Rock Creek near Englewood, FL (d)	02299680	a2.8	1991-93
Tributary to Gottfried Creek near Englewood, FL (d)	02299681	1.77	1991-93
Forked Creek near Englewood, FL (d)	02299684	a3.4	1991-93
Cow Pen Slough near Bee Ridge, FL (d)	02299700	38	1963-66
South Creek near Vamo, FL (d)	02299737	15.4	1991-93
Catfish Creek near Osprey, FL (d)	02299741	4.77	1993
Clower Creek at Vamo, FL (d)	02299742	0.35	1991-93
Phillippi Creek near Sarasota, FL (d)	02299750	24	1963-68
Phillippi Creek near Bee Ridge, FL (d)	02299780	31.1	1994-97
MANATEE RIVER BASIN			
Manatee River near Bradenton, FL (d)	02300000	87.1	1939-66
Hickory Hammock Creek near Lorraine, FL (d)	02300034	2.4	1988-01
Cooper Creek at University Parkway near Sarasota, FL (d)	023000355	9.33	1988-01
Tributary No. 1 to Cooper Creek near Lorraine, FL (d)	02300036	4.3	1994-97
Cedar Creek near Sarasota, FL (d)	02300037	0.94	1988-01
Rattlesnake Slough near Sarasota, FL (d)	02300038	3.78	1988-01
Nonsense Creek near Sarasota, FL (d)	02300039	1.14	1988-01
Williams Creek near Bradenton, FL (d)	02300050	a2.7	1995-97
Gap Creek near Bradenton, FL (d)	02300056	a7.2	1995-97
Glen Creek near Bradenton, FL (d)	02300062	a2.5	1995-97
Little Manatee River at Taylor-Gill Road near Ft. Lonesome, FL (d)	02300092	6.1	1981-84
COASTAL AREA BETWEEN MYAKKA RIVER AND ALAFIA RIVERS			
Cow Pen Slough near Bee Ridge, FL (d)	02299700	38	1963-66
LITTLE MANATEE RIVER BASIN			
Alderman Creek near Ft. Lonesome, FL (d,e)	02300096	9.4	1981-82
Carlton Branch near Wimauma, FL (d)	02300130	7.86	1988-89
Dug Creek near Wimauma, FL (d)	02300430	3.66	1988-89
Cypress Creek near Wimauma, FL (d)	02300530	8.1	1981-91
ALAFIA RIVER BASIN			
Alafia River at Alderman's Ford Park at Pinecrest, FL (e)	02301325	261	2000-02
Little Alafia River near Hopewell, FL (d)	02301350	8.65	1966-79
Edward Medard Reservoir at Pleasant Grove, FL (e)	02301368	19.6	1970-95
Turkey Creek near Durant, FL (e)	02301400	14.2	1963-66

Discontinued surface-water discharge or stage-only stations

Station name	Station number	Drainage area (mi^2)	Period of Record
TAMPA BAY AND COASTAL AREAS			
Buckhorn Creek near Brandon, FL (d)	02301695	7.12	1986-91
Tampa Bypass Canal Above S-159 near Tampa, FL (e)	02301764	---	1983-90
Tampa Bypass Canal at S-162 near Tampa, FL (e)	02301778	---	1983-90
Tampa Bypass Canal at S-160 at Tampa, FL (d,e)	02301802	29	1975-90
Sixmile Creek at Tampa, FL (d)	02301800		1957-97
Lake Magdalene Outlet near Lutz, FL (d)	02306289	2.2	1971-82
Tributary to Henry Street Canal at Dale Mabry Highway at Tampa, FL (e)	02306651	---	1992-93
Al Lopez Park Outflow at Tampa, FL (d)	02306660	1.5	1993-95
Brushy Creek near Tampa, FL (d)	02306910	7.16	1981-87
Upper Double Branch West Fork near Oldsmar, FL (e)	280228082384200	---	1995-96
Brooker Creek near Lake Fern, FL (d)	02307323	a17	1970-94
Alligator Creek below Belcher Road at Clearwater, FL (d)	02307668	3.67	1996
Alligator Creek Tributary at Clearwater, FL (d)	02307672	0.27	1986-87
Alligator Creek at Clearwater, FL (d)	02307673	6.73	1980-87, 1996
HILLSBOROUGH RIVER BASIN			
Sixmile Creek at Buffalo Avenue, near Tampa, FL (e)	02301780	16	1970-71
Sixmile Creek at Tampa, FL (d)	02301800	28	1957-74
Sixmile Creek Below S-160 at Tampa, FL (e)	02301804	---	1979-82
Itchepackesassa Creek near Moriczville, FL (d,)	02302280	110	2000-02
Westside Canal at Plant City, FL (d,e)	02303174	2.0	1985-86
New River near Zephyrhills, FL (d,e)	02303100	---	1964-74
Pemberton Creek at Wallace Branch Road near Plant City, FL (d)	02303180	7.23	1992-94
T. Gallager Ditch near Dover, FL (d)	02303250	0.47	1981-84
Baker Creek near Thonotosassa, FL (e)	02303271	58	1971-74
Flint Creek near Thonotosassa, FL (d,e)	02303300	60	1957-59,1971-91
Campbell Branch near Thonotosassa, FL (d)	02303313	5.9	1981-84
Trout Creek Tributary near Worthington Gardens, FL (e)	02303344	---	1974-81
Hillsborough River at STR S-155 near Thonotosassa, FL (e)	02303354	410	1982-90
Cypress Creek near Drexel, FL (d)	02303408	73.2	1977-81
Hanna Lake Outlet near Lutz, FL (d)	02303500	0.74	1946-51
Hillsborough River at Fowler Avenue near Temple Terrace, FL (d,e)	02304000	630a	1934-40, 1970-98
Hutchins Lake Outlet near Lutz, FL (d)	02305000	2.7	1946-52
Curiosity Creek near Sulphur Springs, FL (d)	02305780	1.37	1981-88
COASTAL AREA FROM TAMPA BAY TO WITHLACOOCHEE RIVER			
Bear Creek at Mango Avenue at Gulfport, FL (e)	02308776	3.43	2000-03
Saint Joe Creek at Lealman, FL (d)	02308931	2.00	1990-91
Bee Branch at 15th Street at Palm Harbor, FL (d)	02309445	1.13	2000-03
Anclote River near Odessa, FL (d)	02309980	68.1	1984-94
Bear Creek at Plaza Drive near Hudson, FL (d,e)	02310352	29.2	1970-77
Crab Creek near Homosassa, FL (e)	02310652	---	1998
Crystal River near Crystal River, FL (d)	02310750	---	1964-77
Homosassa River at Homosassa, FL (e)	02310700	---	1997-98
Morris Bridge Backwash Pond Outflow nr Thonotosassa, FL (e)	02303351	---	1982-87

Discontinued surface-water discharge or stage-only stations

Station name	Station number	Drainage area (mi^2)	Period of Record
COASTAL AREA BETWEEN HILLSBOROUGH RIVER AND WITHLACOOCHEE RIVER			
Brooker Creek near Odessa, FL (d)	02307243	10	1946-56
Brooker Creek near Lake Fern, FL (d)	02307323	17	1971-94
Alligator Creek at Safety Harbor, FL (d)	02307697	9.0	1950-59,1961-74
Seminole Lake Outlet near Largo, FL (d)	02308889	14	1950-71
Saint Joe Creek ar Lealman, FL (d)	02308931	2.0	1990-91
Unnamed Lake Outlet at St. Petersburg, FL (e)	02309011	0.18	1972-73
Bear Creek near Hudson, FL (d)	02310350	22	1965-70

a Approximately
---Not determined

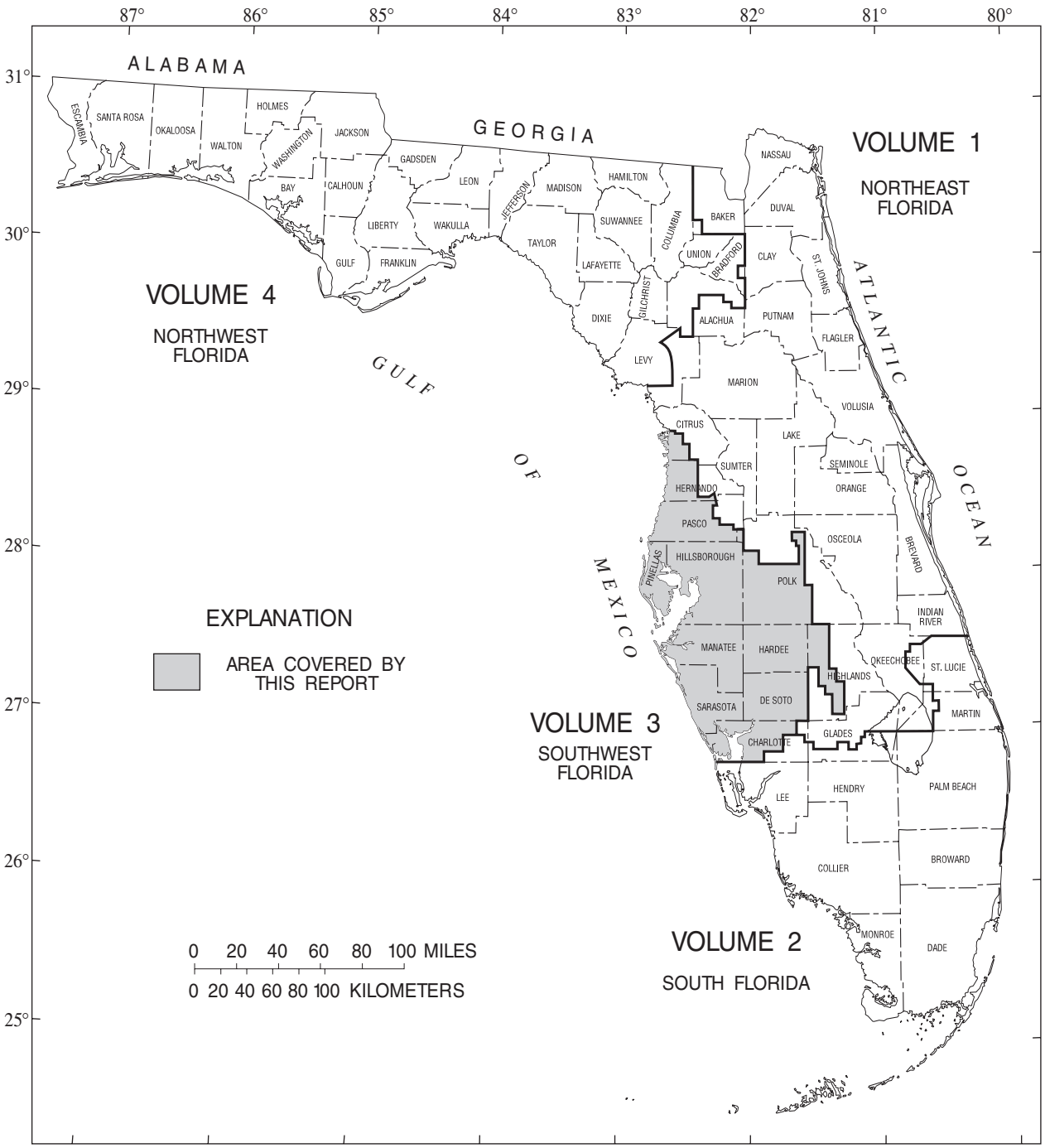

Figure 1. Geographic area covered by this report

WATER RESOURCES DATA FOR FLORIDA, 2005
Volume 3A: Southwest Florida Surface Water

INTRODUCTION

The U.S. Geological Survey, in cooperation with local, State, and Federal agencies, obtains a large amount of data pertaining to the water resources of Florida each water year. These data, accumulated during many water years, constitute a valuable data base for developing an improved understanding of the water resources of the State. To make these data readily available to interested parties outside the Geological Survey, the data are published annually in this report series entitled "Water Resources Data - Florida."

This report series includes records of stage, discharge, and water quality of streams; stage, contents, and water quality of lakes and reservoirs; and water levels and water quality of estuaries; water levels and water quality of ground water wells. Volume 3A contains records for continuous daily discharge at 113 gaging stations; periodic discharge for 4 streams; continuous daily stage at 80 streams; periodic stage at 2 streams; peak stage and discharge for 8 streams; continuous or daily elevations for 3 lakes; periodic elevations for 3 lakes; and water quality for 75 surface water sites. Locations of these sites are shown on figure 1. These data represent that part of the National Water Data System collected by the U.S. Geological Survey and cooperating local, State, and Federal agencies in Florida.

This series of annual reports for Florida began with the 1961 water year with a report that contained only data relating to the quantities of surface water. For the 1964 water year, a similar report was introduced that contained only data relating to water quality. Beginning with the l975 water year, the report format was changed to present, in one volume, data on quantities of surface water, quality of surface and ground water, and ground-water levels.

Prior to introduction of this series and for several water years concurrent with it, water-resources data for Florida were published in U.S. Geological Survey Water-Supply Papers. Data on stream discharge and stage, and on lake or reservoir contents and stage, through September 1960, were published annually under the title "Surface-Water Supply of the United States." For the 1961 through 1970 water years, the data were published in two 5-year reports. Data on chemical quality, temperature, and suspended sediment for the 1941 through 1970 water years were published annually under the title "Quality of Surface Waters of the United States," and water levels for the 1935 through 1974 water years were published under the title "Ground-Water Levels in the United States." The above mentioned Water-Supply Papers may be consulted in the libraries of the principal cities of the United States and may be purchased from U.S. Geological Survey, Branch of Information Services, Box 25286, Federal Center, Denver, CO 80225.

Publications similar to this report are published annually by the Geological Survey for all States. These official Survey reports have an identification number consisting of the two-letter State abbreviation, the last two digits of the water year, and the volume number. For example, this volume is identified as "U.S. Geological Survey Water-Data Report FL-05-3A." For archiving and general distribution, the reports for l971-74 water years also are identified as water-data reports. These water-data reports are for sale in paper copy or in microfiche by the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.

Additional information, including current prices, for ordering specific reports may be obtained from the Office at the address given on the back of the title page or by telephone (813) 975-8620.

COOPERATION

The U.S. Geological Survey and agencies of the State of Florida have had cooperative agreements for the collection of water-resource records since 1930. Organizations that assisted in collecting the data in this report through cooperative agreement with the Survey are:

City of Bradenton
City of North Port
City of Sarasota
City of Tampa
County of De Soto
County of Hillsborough
County of Manatee
County of Pinellas
Federal Program
Florida Department of Environmental Protection
Peace/Manasota Regional Water SupplyAuthority
Southwest Florida Water Management District
Tampa Bay Water

SUMMARY OF HYDROLOGIC CONDITIONS

During the 2005 water year, precipitation at 11 National Oceanic and Atmospheric Administration (NOAA) sites in southwest Florida (fig. 2) ranged from 36.55 inches at Tampa International Airport (WSCMO) in Hillsborough County (site 13) to 60.80 inches at Arcadia in DeSoto County (site 17). The 2005 water year total rainfall was higher than the respective 30-year (1961-90) averages (normal rainfall) at the following long term sites; Bartow (site 14), Venice (site 19), Punta Gorda (site 20), Arcadia (site 17), Parrish (site 15), and Wauchula (site 16). The 2005 water year total rainfall was lower at the following long term sites; Brooksville (site 10), St. Leo (site 11), Tarpon Springs (site 12), Tampa (site 13), and Archbold Biological Station (site 18). Total rainfall at the 11 sites ranged from 10.92 inches below normal at Tampa International Airport (WSCMO) in Hillsborough County (site 13) to 11.71 inches above normal at Arcadia in DeSoto County (site 17). One of the NOAA rainfall sites, Wauchula in Hardee County (site 16) had incomplete data due to missed readings in March. Rainfall data from a USGS rainfall site in the vicinity of the NOAA site was used to augment missing days. At Wauchula (Site 16), rainfall data from Marshall Deep Well nr Gardner (USGS) was used for the periods of March 4, 9-10, and 17.

Monthly mean discharge for the Anclote River near Elfers (fig. 2, site 1) was above median flow for the majority of the water year, except for the periods of late January through February, and August through September when the monthly mean discharge fell below the median discharge (fig.3). The 2005 water year annual mean discharge, 39.8 ft^3/s, was 61 percent of the mean for the period of record, 65.6 ft^3/s.

At Hillsborough River near Zephyrhills (fig. 2, site 2), monthly mean discharge was above the median flow from October through mid - November, and again from mid - May through early August. (fig. 4). Monthly mean discharge fell slightly below the median discharge in February, and from mid - August through September. The 2005 water year annual mean discharge, 244 ft^3/s, was 99 percent of the mean for the period of record, 246 ft^3/s.

Monthly mean discharge at Alafia River at Lithia (fig. 2, site 3) was at or above the median discharge for most of the water year until August, when the monthly mean discharge fell below the median discharge for the remainder of the water year (fig. 5). The 2005 water year annual mean discharge, 445 ft^3/s, was 131 percent of the mean for the period of record, 340 ft^3/s.

Monthly mean discharge at Peace River at Arcadia (fig. 2, site 4) was at or above the median discharge for the entire water year, until September when the monthly mean discharge fell below the median (fig. 6). The 2005 water year annual mean discharge, 2084 ft^3/s, was 190 percent of the mean for the period of record, 1,095 ft^3/s.

At Myakka River near Sarasota (fig. 2, site 5), monthly mean discharge was at or above median discharge for most of the water year until August, when the monthly mean discharge fell below the median discharge (fig. 7). The 2005 water year annual mean discharge, 348 ft^3/s, was 133 percent of the mean for the period of record, 261 ft^3/s.

Several large springs discharge into streams in the southwest Florida area. Weeki Wachee Springs near Brooksville (fig. 2, site 7) has been measured periodically since 1917 to define seasonal variation in flow. A daily discharge station established in October 1993 determines spring flow by the relation between artesian pressure at a nearby well and discharge measurements in spring run. Seven measurements made during the 2005 water year ranged from 168 ft^3/s on June 22 to 254 ft^3/s on October 7. The average of the 558 measurements made through the 2005 water year is 172 ft^3/s. Crystal Springs near Zephyrhills (fig. 2, site 8) flows into the Hillsborough River upstream from the gaging station near Zephyrhills. The average of the 491 measurements made through the 2005 water year is 53.4 ft^3/s. The flow of the springs is determined from the difference between measurements of the Hillsborough River above and below the springs. The flow from the springs during these measurements, which ranged from 47 ft^3/s on March 24 to 58 ft^3/s on April 19, was roughly 1 times the flow of the Hillsborough River above the springs. Flow from Lithia Springs near Lithia (fig. 2, site 9) enters the Alafia River downstream from the gaging station at Lithia and is determined by measurements of flow from a major spring, a minor spring, and diversion. Three measurements of Lithia Springs made during the 2005 water year ranged from 31.6 ft3/s on May 5 to 53.4 ft3/s on October 24, 2004. The average of 255 measurements made since 1934 is 44.2 ft^3/s.

Moon Lake in Pasco County (fig. 2, site 6), is a long-term site used to record/monitor variation in lake levels in west-central Florida. Monthly mean lake stage in Moon Lake near New Port Richey (fig. 8) was above the median lake stage for the entire water year. The 2005 water year annual mean stage, 39.71 ft above sea level, was higher than the mean for the period of record, 38.27 ft above sea level.

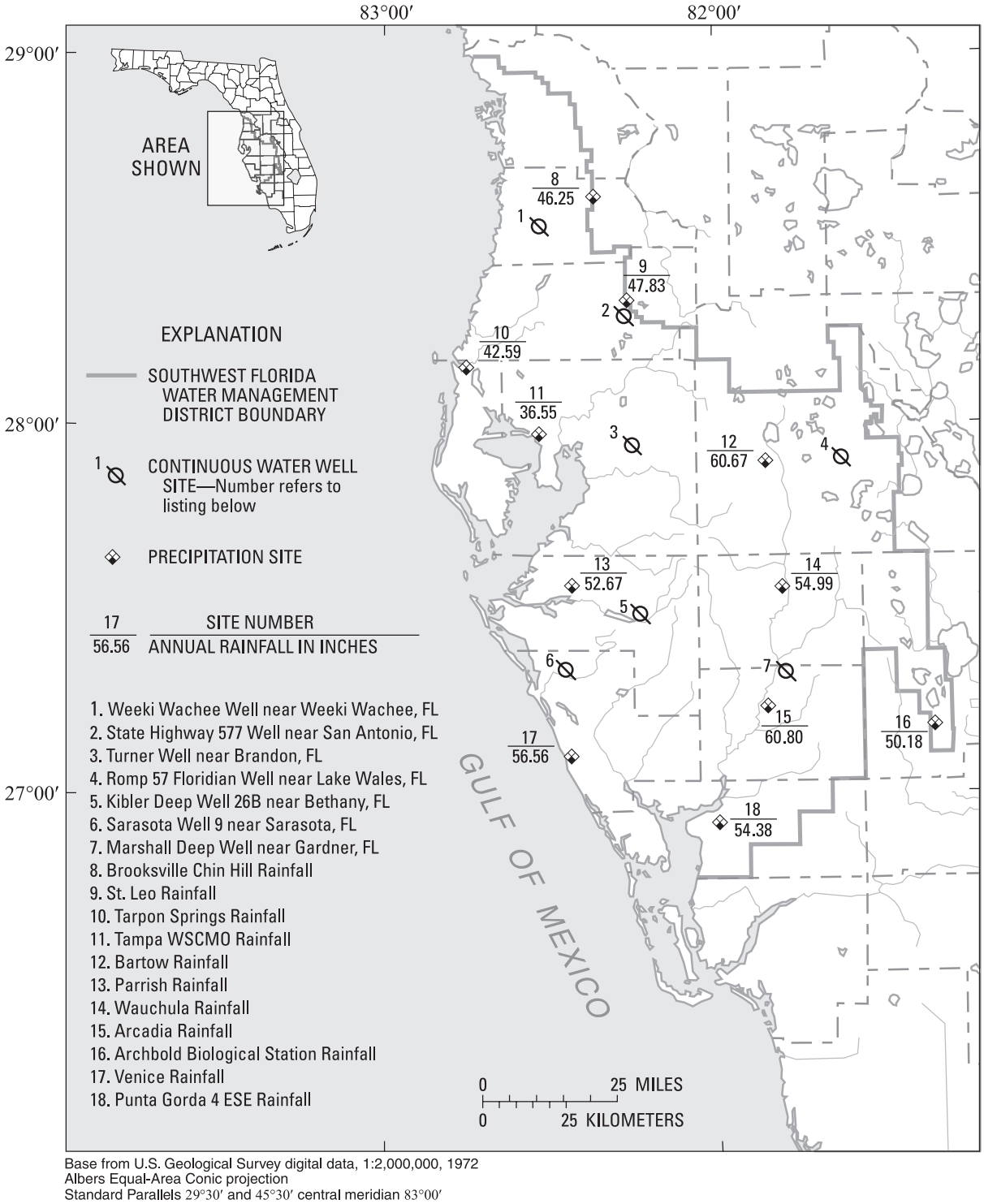

Figure 2.--Hydrologic conditions index map.

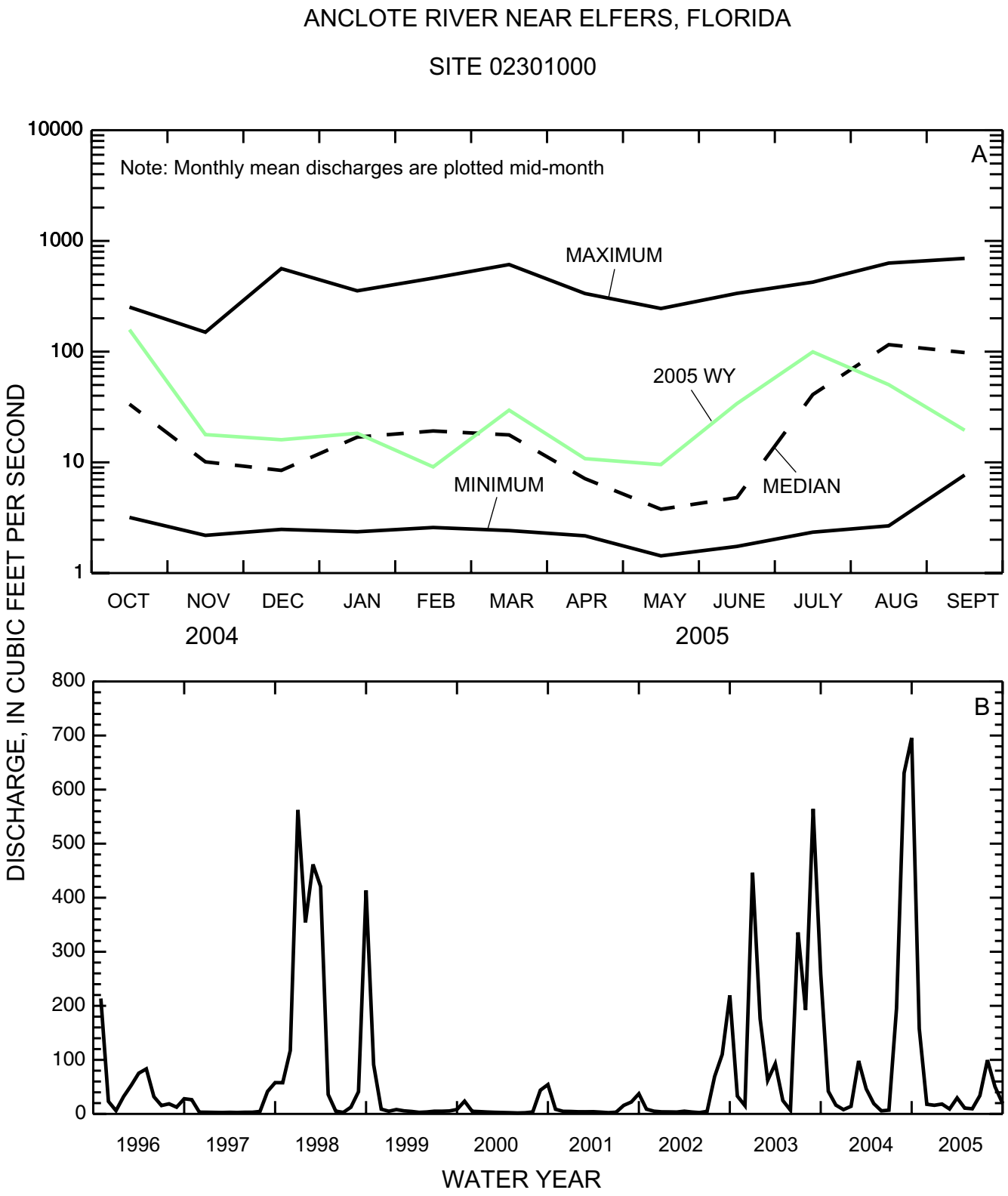

Figure 3.--Anclote River near Elfers (A) 2005 monthly mean discharge compared to the maximum, median, and minimum monthly mean discharge for the period of record, and (B) the monthly mean discharge for the period 1996-2005.

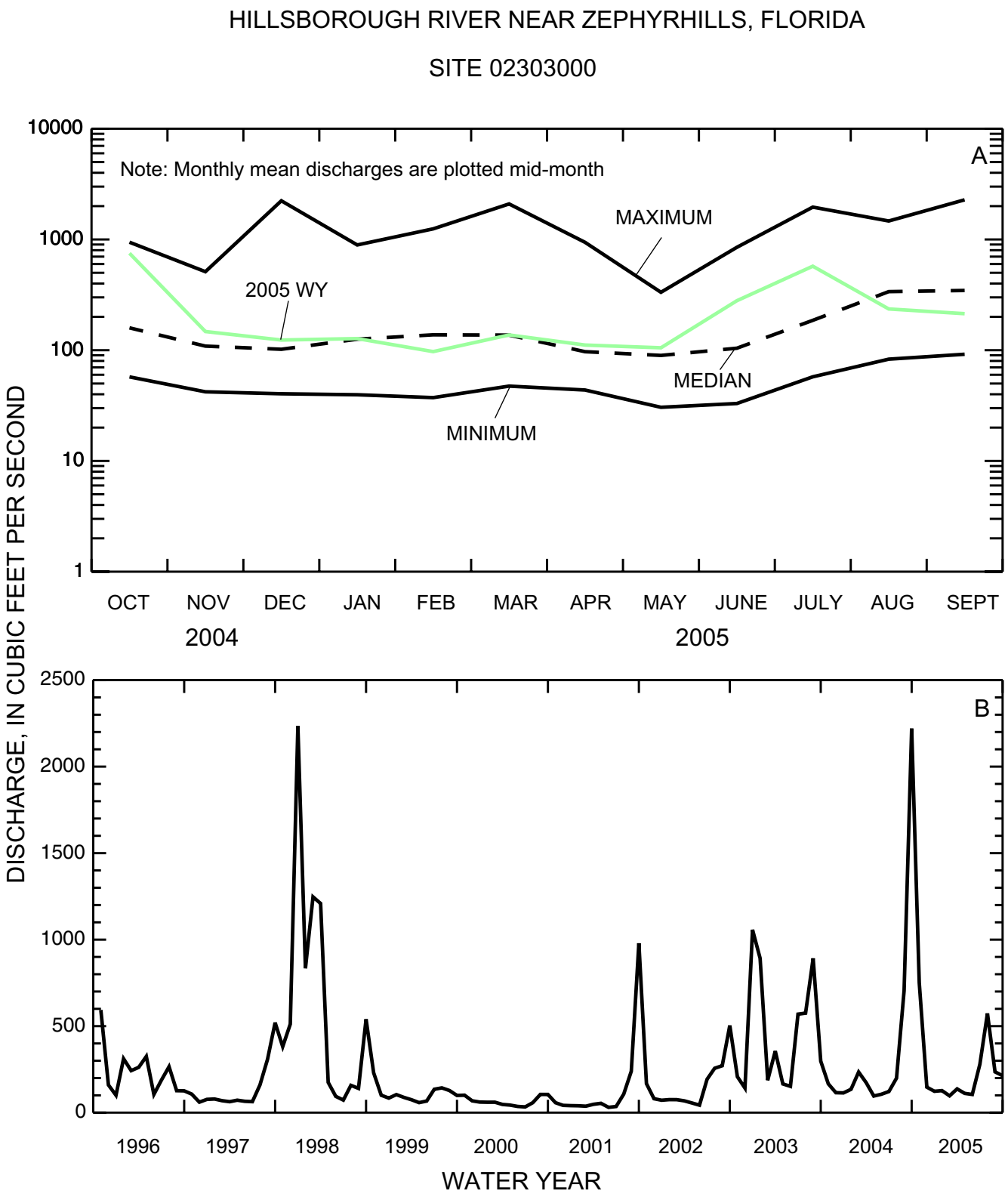

Figure 4.--Hillsborough River near Zephyrhills (A) 2005 monthly mean discharge compared to the maximum, median, and minimum monthly mean discharge for the period of record, and (B) the monthly mean discharge for the period 1996-2005.

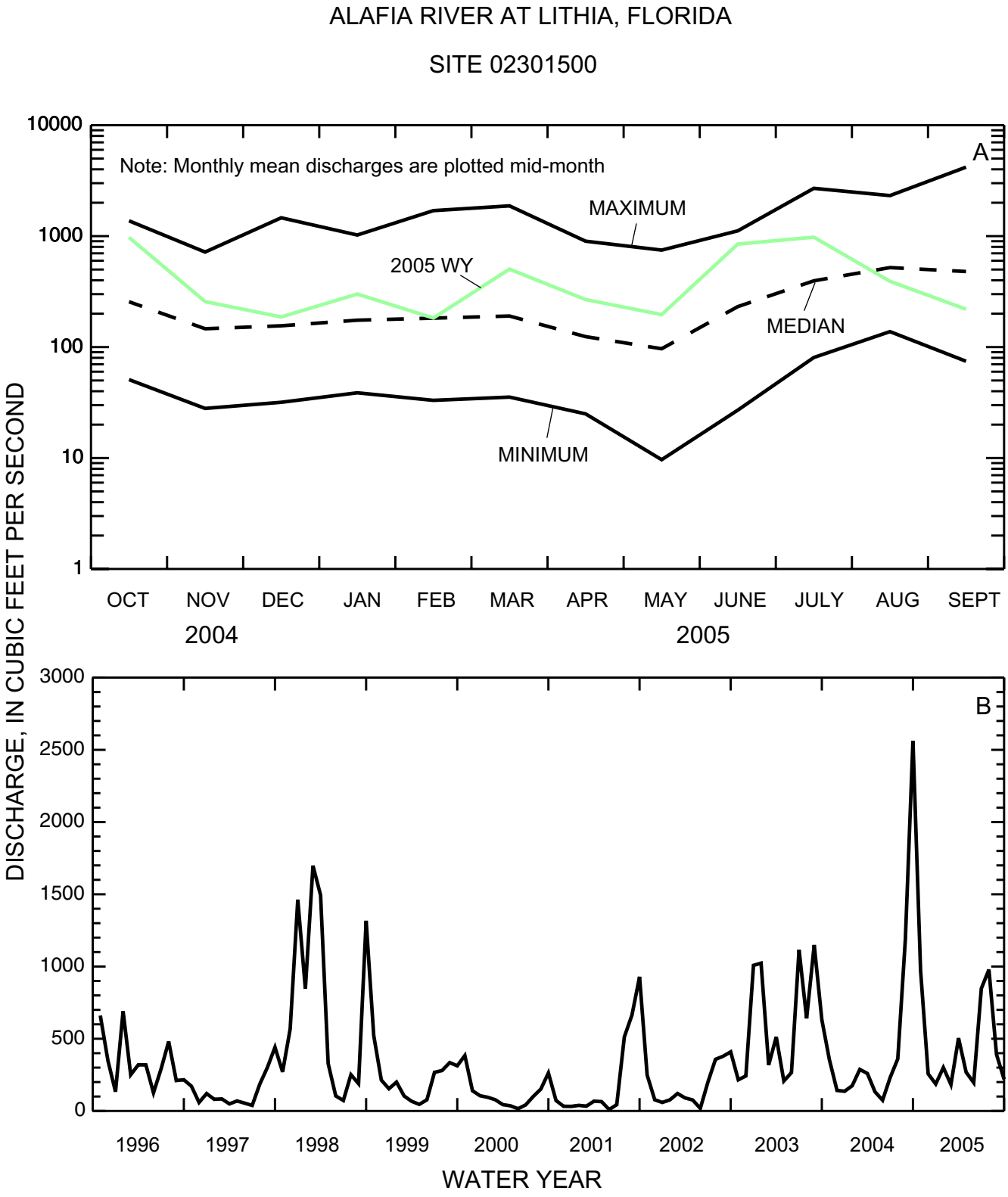

Figure 5.--Alafia River at Lithia (A) 2005 monthly mean discharge compared to the maximum, median, and minimum monthly mean discharge for the period of record, and (B) the monthly mean discharge for the period 1996-2005.

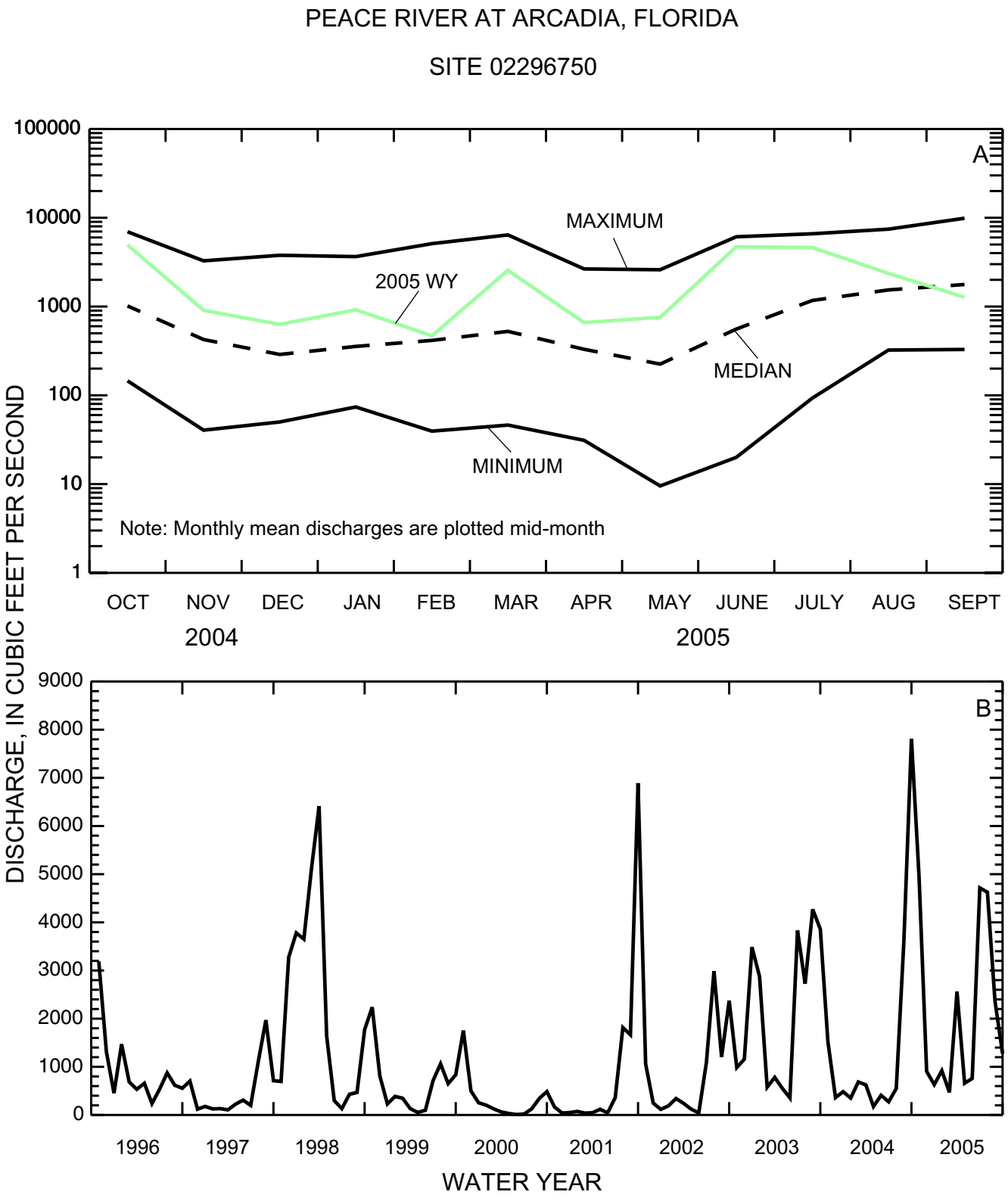

Figure 6.--Peace River at Arcadia (A) 2005 monthly mean discharge compared to the maximum, median, and minimum monthly mean discharge for the period of record, and (B) the monthly mean discharge for the period 1996-2005.

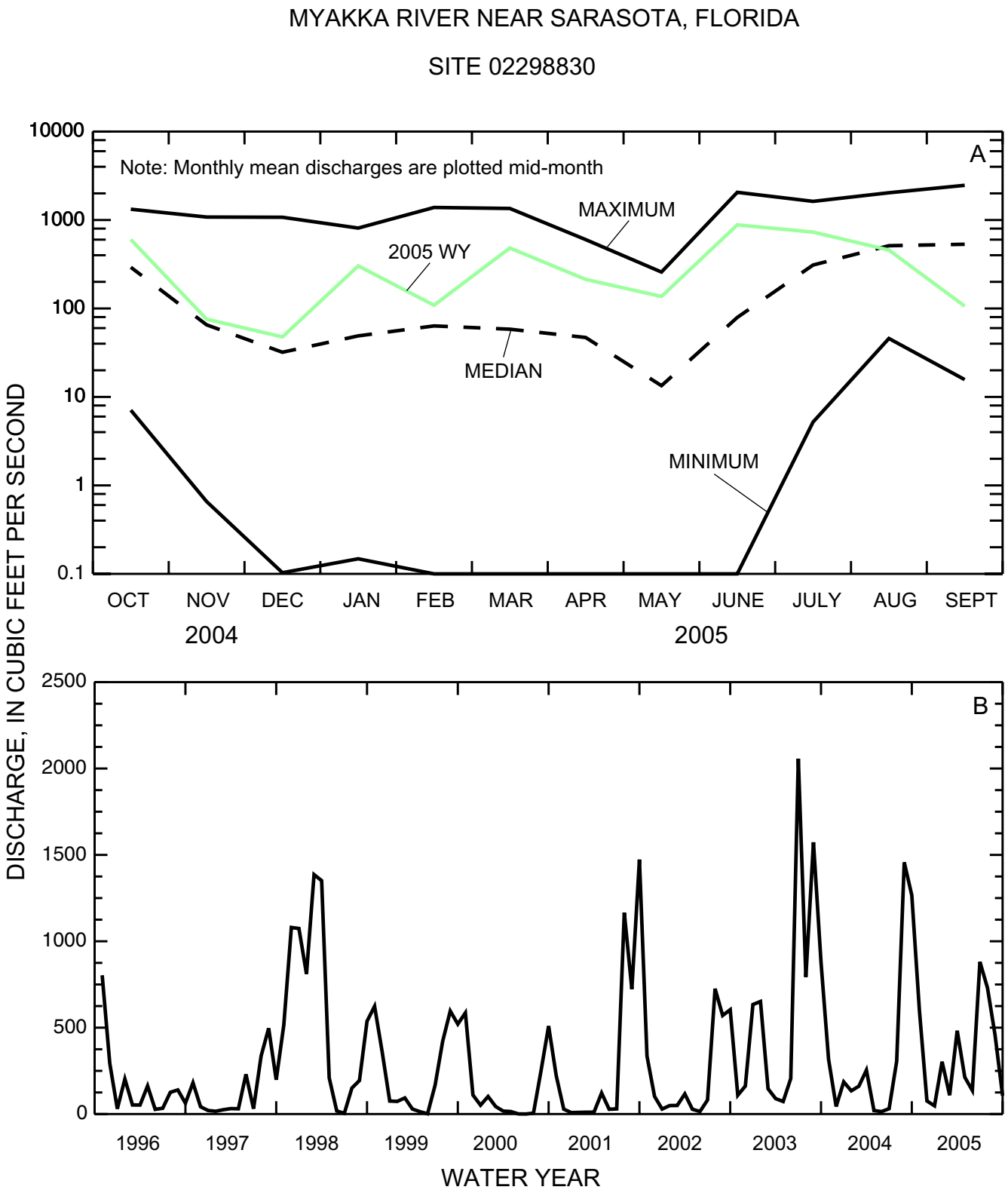

Figure 7.--Myakka River near Sarasota (A) 2005 monthly mean discharge compared to the maximum, median, and minimum monthly mean discharge for the period of record, and (B) the monthly mean discharge for the period 1996-2005.

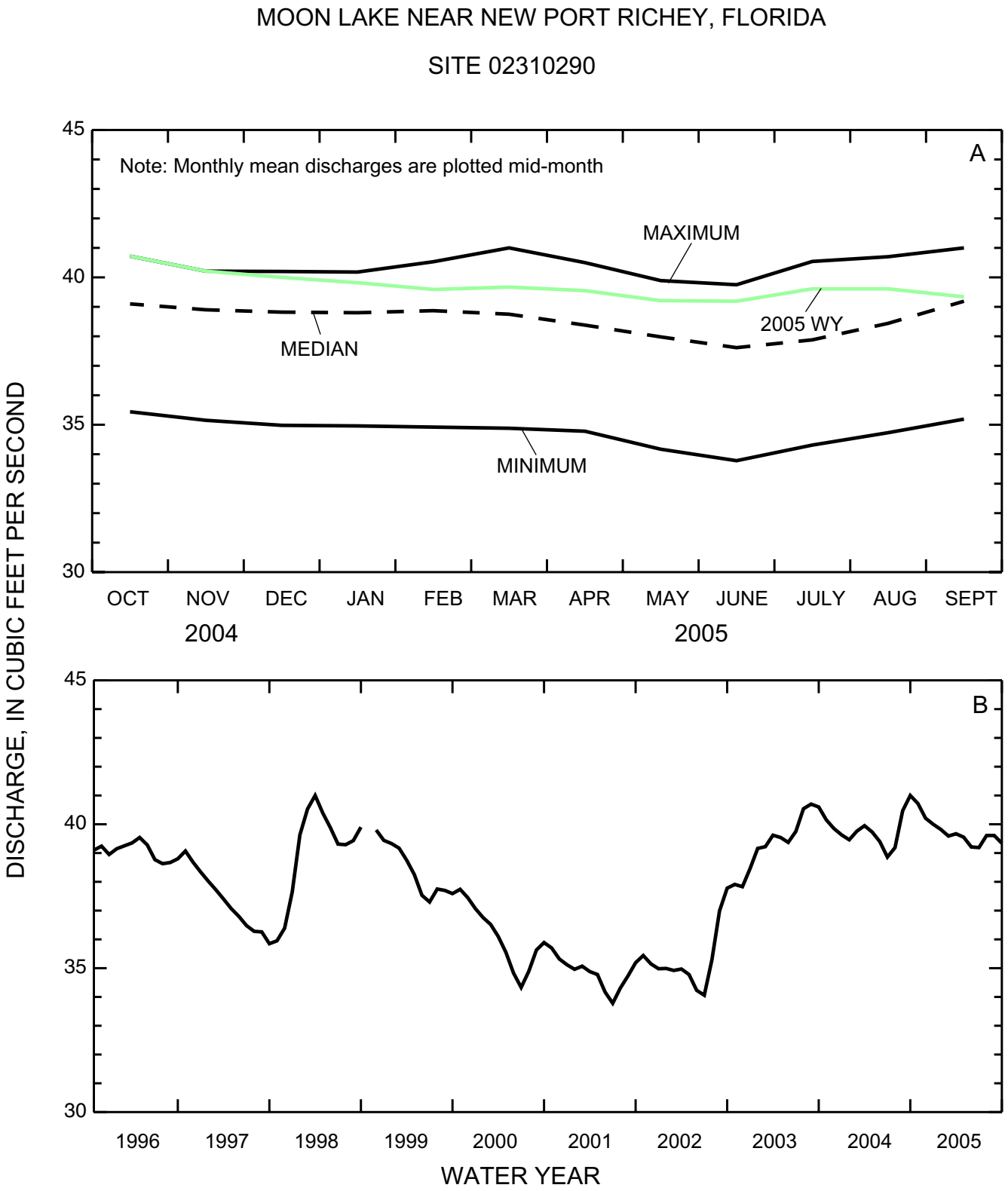

Figure 8.--Moon Lake near New Port Richey (A) 2005 monthly mean stage compared to the maximum, median, and minimum monthly mean stage for the period of record, and (B) the monthly mean stage for the period 1996-2005.

DOWNSTREAM ORDER AND STATION NUMBER

Since October 1, 1950, hydrologic-station records in USGS reports have been listed in order of downstream direction along the main stream. All stations on a tributary entering upstream from a main-stream station are listed before that station. A station on a tributary entering between two main-stream stations is listed between those stations. A similar order is followed in listing stations on first rank, second rank, and other ranks of tributaries. The rank of any tributary on which a station is located with respect to the stream to which it is immediately tributary is indicated by an indention in that list of stations in the front of this report. Each indentation represents one rank. This downstream order and system of indentation indicates which stations are on tributaries between any two stations and the rank of the tributary on which each station is located.

As an added means of identification, each hydrologic station and partial-record station has been assigned a station number. These station numbers are in the same downstream order used in this report. In assigning a station number, no distinction is made between partial-record stations and other stations; therefore, the station number for a partial-record station indicates downstream-order position in a list composed of both types of stations. Gaps are consecutive. The complete 8-digit (or 10-digit) number for each station such as 09004100, which appears just to the left of the station name, includes a 2-digit part number "09" plus the 6-digit (or 8-digit) downstream order number "004100." In areas of high station density, an additional two digits may be added to the station identification number to yield a 10-digit number. The stations are numbered in downstream order as described above between stations of consecutive 8-digit numbers.

NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES

The USGS well and miscellaneous site-numbering system is based on the grid system of latitude and longitude. The system provides the geographic location of the well or miscellaneous site and a unique number for each site. The number consists of 15 digits. The first 6 digits denote the degrees, minutes, and seconds of latitude, and the next 7 digits denote degrees, minutes, and seconds of longitude; the last 2 digits are a sequential number for wells within a 1-second grid. In the event that the latitude-longitude coordinates for a well and miscellaneous site are the same, a sequential number such as "01," "02," and so forth, would be assigned as one would for wells (see fig. 8). The 8-digit, downstream order station numbers are not assigned to wells and miscellaneous sites where only random water-quality samples or discharge measurements are taken.

SPECIAL NETWORKS AND PROGRAMS

Hydrologic Benchmark Network is a network of 61 sites in small drainage basins in 39 States that was established in 1963 to provide consistent streamflow data representative of undeveloped watersheds nationwide, and from which data could be analyzed on a continuing basis for use in comparison and contrast with conditions observed in basins more obviously affected by human activities. At selected sites, water-quality information is being gathered on major ions and nutrients, primarily to assess the effects of acid deposition on stream chemistry. Additional information on the Hydrologic Benchmark Program may be accessed from *http://ny.cf.er.usgs.gov/hbn/*.

National Stream-Quality Accounting Network (NASQAN) is a network of sites used to monitor the water quality of large rivers within the Nation's largest river basins. From 1995 through 1999, a network of approximately 40 stations was operated in the Mississippi, Columbia, Colorado, and Rio Grande River basins. For the period 2000 through 2004, sampling was reduced to a few index stations on the Colorado and Columbia Rivers so that a network of five stations could be implemented on the Yukon River. Samples are collected with sufficient frequency that the flux of a wide range of constituents can be estimated. The objective of NASQAN is to characterize the water quality of these large rivers by measuring concentration and mass transport of a wide range of dissolved and suspended constituents, including nutrients, major ions, dissolved and sediment-bound heavy metals, common pesticides, and inorganic and organic forms of carbon. This information will be used (1) to describe the

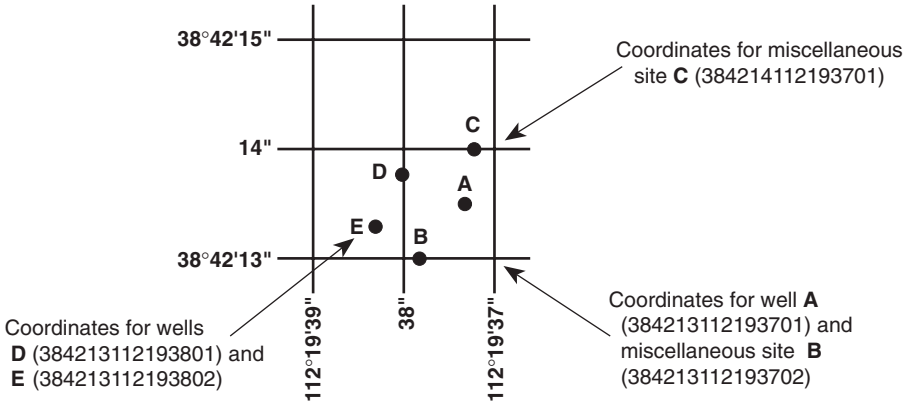

Figure 8. System for numbering wells and miscellaneous sites (latitude and longitude).

long-term trends and changes in concentration and transport of these constituents; (2) to test findings of the National Water-Quality Assessment (NAWQA) Program; (3) to characterize processes unique to large-river systems such as storage and re-mobilization of sediments and associated contaminants; and (4) to refine existing estimates of off-continent transport of water, sediment, and chemicals for assessing human effects on the world's oceans and for determining global cycles of carbon, nutrients, and other chemicals. Additional information about the NASQAN Program may be accessed from *http://water.usgs.gov/nasqan/*.

The National Atmospheric Deposition Program/ National Trends Network (NADP/NTN) is a network of monitoring sites that provides continuous measurement and assessment of the chemical constituents in precipitation throughout the United States. As the lead Federal agency, the USGS works together with over 100 organizations to provide a long-term, spatial and temporal record of atmospheric deposition generated from this network of 250 precipitation-chemistry monitoring sites. The USGS supports 74 of these 250 sites. This long-term, nationally consistent monitoring program, coupled with ecosystem research, provides critical information toward a national scorecard to evaluate the effectiveness of ongoing and future regulations intended to reduce atmospheric emissions and subsequent impacts to the Nation's land and water resources. Reports and other information on the NADP/NTN Program, as well as data from the individual sites, may be accessed from *http://bqs.usgs.gov/acidrain/*.

The USGS National Water-Quality Assessment (NAWQA) Program is a long-term program with goals to describe the status and trends of water-quality conditions for a large, representative part of the Nation's ground- and surface-water resources; to provide an improved understanding of the primary natural and human factors affecting these observed conditions and trends; and to provide information that supports development and evaluation of management, regulatory, and monitoring decisions by other agencies.

Assessment activities are being conducted in 42 study units (major watersheds and aquifer systems) that represent a wide range of environmental settings nationwide and that account for a large percentage of the Nation's water use. A wide array of chemical constituents is measured in ground water, surface water, streambed sediments, and fish tissues. The coordinated application of comparative hydrologic studies at a wide range of spatial and temporal scales will provide information for water-resources managers to use in making decisions and a foundation for aggregation and comparison of findings to address water-quality issues of regional and national interest.

Communication and coordination between USGS personnel and other local, State, and Federal interests are critical components of the NAWQA Program. Each study unit has a local liaison committee consisting of representatives from key Federal, State, and local water-resources agencies, Indian nations, and universities in the study unit. Liaison committees typically meet semiannually to discuss their information needs, monitoring plans and progress, desired information products, and opportunities for collaboration among the agencies. Additional information about the NAWQA Program may be accessed from *http://water.usgs.gov/nawqa/*.

The USGS National Streamflow Information Program (NSIP) is a long-term program with goals to provide framework streamflow data across the Nation. Included in the program are creation of a permanent Federally funded streamflow network, research on the nature of streamflow, regional assessments of streamflow data and databases, and upgrades in the streamflow information delivery systems. Additional information about NSIP may be accessed from *http://water.usgs.gov/nsip/*.

EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS

Data Collection and Computation

The base data collected at gaging stations (fig. _) *(*NOTE: Insert appropriate figure number for your ADR.)* consist of records of stage and measurements of discharge of streams or canals, and stage, surface area, and volume of lakes or reservoirs. In addition, observations of factors affecting the stage-discharge relation or the stage-capacity relation, weather records, and other information are used to supplement base data in determining the daily flow or volume of water in storage. Records of stage are obtained from a water-stage recorder that is either downloaded electronically in the field to a laptop computer or similar device or is transmitted using telemetry such as GOES satellite, land-line or cellular-phone modems, or by radio transmission. Measurements of discharge are made with a current meter or acoustic Doppler current profiler, using the general methods adopted by the USGS. These methods are described in standard textbooks, USGS Water-Supply Paper 2175, and the Techniques of Water-Resources Investigations of the United States Geological Survey (TWRIs), Book 3, Chapters A1 through A19 and Book 8, Chapters A2 and B2, which may be accessed from *http://water.usgs.gov/pubs/twri/*. The methods are consistent with the American Society for Testing and Materials (ASTM) standards and generally follow the standards of the International Organization for Standardization (ISO).

For stream-gaging stations, discharge-rating tables for any stage are prepared from stage-discharge curves. If extensions to the rating curves are necessary to express discharge greater than measured, the extensions are made on the basis of indirect measurements of peak discharge (such as slope-area or contracted-opening measurements, or computation of flow over dams and weirs), step-backwater techniques, velocity-area studies, and logarithmic plotting. The daily mean discharge is computed from gage heights and rating tables, then the monthly and yearly mean discharges are computed from the daily values. If the stage-discharge relation

is subject to change because of frequent or continual change in the physical features of the stream channel, the daily mean discharge is computed by the shifting-control method in which correction factors that are based on individual discharge measurements and notes by engineers and observers are used when applying the gage heights to the rating tables. If the stage-discharge relation for a station is temporarily changed by the presence of aquatic growth or debris on the controlling section, the daily mean discharge is computed by the shifting-control method.

The stage-discharge relation at some stream-gaging stations is affected by backwater from reservoirs, tributary streams, or other sources. Such an occurrence necessitates the use of the slope method in which the slope or fall in a reach of the stream is a factor in computing discharge. The slope or fall is obtained by means of an auxiliary gage at some distance from the base gage.

An index velocity is measured using ultrasonic or acoustic instruments at some stream-gaging stations, and this index velocity is used to calculate an average velocity for the flow in the stream. This average velocity along with a stage-area relation is then used to calculate average discharge.

At some stations, the stage-discharge relation is affected by changing stage. At these stations, the rate of change in stage is used as a factor in computing discharge.

At some stream-gaging stations in the northern United States, the stage-discharge relation is affected by ice in the winter; therefore, computation of the discharge in the usual manner is impossible. Discharge for periods of ice effect is computed on the basis of gage-height record and occasional winter-discharge measurements. Consideration is given to the available information on temperature and precipitation, notes by gage observers and hydrologists, and comparable records of discharge from other stations in the same or nearby basins.

For a lake or reservoir station, capacity tables giving the volume or contents for any stage are prepared from stage-area relation curves defined by surveys. The application of the stage to the capacity table gives the contents, from which the daily, monthly, or yearly changes are computed.

If the stage-capacity curve is subject to changes because of deposition of sediment in the reservoir, periodic resurveys of the reservoir are necessary to define new stage-capacity curves. During the period between reservoir surveys, the computed contents may be increasingly in error due to the gradual accumulation of sediment.

For some stream-gaging stations, periods of time occur when no gage-height record is obtained or the recorded gage height is faulty and cannot be used to compute daily discharge or contents. Such a situation can happen when the recorder stops or otherwise fails to operate properly, the intakes are plugged, the float is frozen in the well, or for various other reasons. For such periods, the daily discharges are estimated on the basis of recorded range in stage, prior and subsequent records, discharge measurements, weather records, and comparison with records from other stations in the same or nearby basins. Likewise, lake or reservoir volumes may be estimated on the basis of operator's log, prior and subsequent records, inflow-outflow studies, and other information.

Data Presentation

The records published for each continuous-record surface-water discharge station (stream-gaging station) consist of five parts: (1) the station manuscript or description; (2) the data table of daily mean values of discharge for the current water year with summary data; (3) a tabular statistical summary of monthly mean flow data for a designated period, by water year; (4) a summary statistics table that includes statistical data of annual, daily, and instantaneous flows as well as data pertaining to annual runoff, 7-day low-flow minimums, and flow duration; and (5) a hydrograph of discharge.

Station Manuscript

The manuscript provides, under various headings, descriptive information, such as station location; period of record; historical extremes outside the period of record; record accuracy; and other remarks pertinent to station operation and regulation. The following information, as appropriate, is provided with each continuous record of discharge or lake content. Comments follow that clarify information presented under the various headings of the station description.

LOCATION.—Location information is obtained from the most accurate maps available. The location of the gaging station with respect to the cultural and physical features in the vicinity and with respect to the reference place mentioned in the station name is given. River mileages, given for only a few stations, were determined by methods given in "River Mileage Measurement," Bulletin 14, Revision of October 1968, prepared by the Water Resources Council or were provided by the U.S. Army Corps of Engineers.

DRAINAGE AREA.—Drainage areas are measured using the most accurate maps available. Because the type of maps available varies from one drainage basin to another, the accuracy of drainage areas likewise varies. Drainage areas are updated as better maps become available.

PERIOD OF RECORD.—This term indicates the time period for which records have been published for the station or for an equivalent station. An equivalent station is one that was in operation at a time that the present station was not and whose location was such that its flow reasonably can be considered equivalent to flow at the present station.

REVISED RECORDS.—If a critical error in published records is discovered, a revision is included in the first report published following discovery of the error.

GAGE.—The type of gage in current use, the datum of the current gage referred to a standard datum, and a condensed history of the types, locations, and datums of previous gages are given under this heading.

REMARKS.—All periods of estimated daily discharge either will be identified by date in this paragraph of the station description for water-discharge stations or flagged in the daily discharge table. (See section titled Identifying Estimated Daily Discharge.) Information is presented relative to the accuracy of the records, to special methods of computation, and to conditions that affect natural flow at the station. In addition, information may be presented pertaining to average discharge data for the period of record; to extremes data for the period of record and the current year; and, possibly, to other pertinent items. For reservoir stations, information is given on the dam forming the reservoir, the capacity, the outlet works and spillway, and the purpose and use of the reservoir.

COOPERATION.—Records provided by a cooperating organization or obtained for the USGS by a cooperating organization are identified here.

EXTREMES OUTSIDE PERIOD OF RECORD.—Information here documents major floods or unusually low flows that occurred outside the stated period of record. The information may or may not have been obtained by the USGS.

REVISIONS.—Records are revised if errors in published records are discovered. Appropriate updates are made in the USGS distributed data system, NWIS, and subsequently to its Web-based national data system, NWISWeb (*http://water.usgs.gov/nwis/nwis*). Users are encouraged to obtain all required data from NWIS or NWISWeb to ensure that they have the most recent data updates. Updates to NWISWeb are made on an annual basis.

Although rare, occasionally the records of a discontinued gaging station may need revision. Because no current or, possibly, future station manuscript would be published for these stations to document the revision in a REVISED RECORDS entry, users of data for these stations who obtained the record from previously published data reports may wish to contact the USGS Water Science Center (address given on the back of the title page of this report) to determine if the published records were revised after the station was discontinued. If, however, the data for a discontinued station were obtained by computer retrieval, the data would be current. Any published revision of data is always accompanied by revision of the corresponding data in computer storage.

Manuscript information for lake or reservoir stations differs from that for stream stations in the nature of the REMARKS and in the inclusion of a stage-capacity table when daily volumes are given.

Peak Discharge Greater than Base Discharge

Tables of peak discharge above base discharge are included for some stations where secondary instantaneous peak discharge data are used in flood-frequency studies of highway and bridge design, flood-control structures, and other flood-related projects. The base discharge value is selected so an average of three peaks a year will be reported. This base discharge value has a recurrence interval of approximately 1.1 years or a 91-percent chance of exceedence in any 1 year.

Data Table of Daily Mean Values

The daily table of discharge records for stream-gaging stations gives mean discharge for each day of the water year. In the monthly summary for the table, the line headed TOTAL gives the sum of the daily figures for each month; the line headed MEAN gives the arithmetic average flow in cubic feet per second for the month; and the lines headed MAX and MIN give the maximum and minimum daily mean discharges, respectively, for each month. Discharge for the month is expressed in cubic feet per second per square mile (line headed CFSM); or in inches (line headed IN); or in acre-feet (line headed AC-FT). Values for cubic feet per second per square mile and runoff in inches or in acre-feet may be omitted if extensive regulation or diversion is in effect or if the drainage area includes large noncontributing areas. At some stations, monthly and (or) yearly observed discharges are adjusted for reservoir storage or diversion, or diversion data or reservoir volumes are given. These values are identified by a symbol and a corresponding footnote.

Statistics of Monthly Mean Data

A tabular summary of the mean (line headed MEAN), maximum (MAX), and minimum (MIN) of monthly mean flows for each month for a designated period is provided below the mean values table. The water years of the first occurrence of the maximum and minimum monthly flows are provided immediately below those values. The designated period will be expressed as FOR WATER YEARS __-__, BY WATER YEAR (WY), and will list the first and last water years of the range of years selected from the PERIOD OF RECORD paragraph in the station manuscript. The designated period will consist of all of the station record within the specified water years, including complete months of record for partial water years, and may coincide with the period of record for the station. The water years for which the statistics are computed are consecutive, unless a break in the station record is indicated in the manuscript.

Summary Statistics

A table titled SUMMARY STATISTICS follows the statistics of monthly mean data tabulation. This table consists of four columns with the first column containing the line headings of the statistics being reported. The table provides a statistical summary of yearly, daily, and instantaneous flows, not only for the current water year but also for the previous

calendar year and for a designated period, as appropriate. The designated period selected, WATER YEARS __-__, will consist of all of the station records within the specified water years, including complete months of record for partial water years, and may coincide with the period of record for the station. The water years for which the statistics are computed are consecutive, unless a break in the station record is indicated in the manuscript. All of the calculations for the statistical characteristics designated ANNUAL (see line headings below), except for the ANNUAL 7-DAY MINIMUM statistic, are calculated for the designated period using complete water years. The other statistical characteristics may be calculated using partial water years.

The date or water year, as appropriate, of the first occurrence of each statistic reporting extreme values of discharge is provided adjacent to the statistic. Repeated occurrences may be noted in the REMARKS paragraph of the manuscript or in footnotes. Because the designated period may not be the same as the station period of record published in the manuscript, occasionally the dates of occurrence listed for the daily and instantaneous extremes in the designated-period column may not be within the selected water years listed in the heading. When the dates of occurrence do not fall within the selected water years listed in the heading, it will be noted in the REMARKS paragraph or in footnotes. Selected streamflow duration-curve statistics and runoff data also are given. Runoff data may be omitted if extensive regulation or diversion of flow is in effect in the drainage basin.

The following summary statistics data are provided with each continuous record of discharge. Comments that follow clarify information presented under the various line headings of the SUMMARY STATISTICS table.

ANNUAL TOTAL.—The sum of the daily mean values of discharge for the year.

ANNUAL MEAN.—The arithmetic mean for the individual daily mean discharges for the year noted or for the designated period.

HIGHEST ANNUAL MEAN.—The maximum annual mean discharge occurring for the designated period.

LOWEST ANNUAL MEAN.—The minimum annual mean discharge occurring for the designated period.

HIGHEST DAILY MEAN.—The maximum daily mean discharge for the year or for the designated period.

LOWEST DAILY MEAN.—The minimum daily mean discharge for the year or for the designated period.

ANNUAL 7-DAY MINIMUM.—The lowest mean discharge for 7 consecutive days for a calendar year or a water year. Note that most low-flow frequency analyses of annual 7-day minimum flows use a climatic year (April 1-March 31). The date shown in the summary statistics table is the initial date of the 7-day period. This value should not be confused with the 7-day 10-year low-flow statistic.

MAXIMUM PEAK FLOW.—The maximum instantaneous peak discharge occurring for the water year or designated period. Occasionally the maximum flow for a year may occur at midnight at the beginning or end of the year, on a recession from or rise toward a higher peak in the adjoining year. In this case, the maximum peak flow is given in the table and the maximum flow may be reported in a footnote or in the REMARKS paragraph in the manuscript.

MAXIMUM PEAK STAGE.—The maximum instantaneous peak stage occurring for the water year or designated period. Occasionally the maximum stage for a year may occur at midnight at the beginning or end of the year, on a recession from or rise toward a higher peak in the adjoining year. In this case, the maximum peak stage is given in the table and the maximum stage may be reported in the REMARKS paragraph in the manuscript or in a footnote. If the dates of occurrence of the maximum peak stage and maximum peak flow are different, the REMARKS paragraph in the manuscript or a footnote may be used to provide further information.

INSTANTANEOUS LOW FLOW.—The minimum instantaneous discharge occurring for the water year or for the designated period.

ANNUAL RUNOFF.—Indicates the total quantity of water in runoff for a drainage area for the year. Data reports may use any of the following units of measurement in presenting annual runoff data:

> Acre-foot (AC-FT) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or about 326,000 gallons or 1,233 cubic meters.
>
> Cubic feet per square mile (CFSM) is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming the runoff is distributed uniformly in time and area.
>
> Inches (INCHES) indicate the depth to which the drainage area would be covered if all of the runoff for a given time period were uniformly distributed on it.

10 PERCENT EXCEEDS.—The discharge that has been exceeded 10 percent of the time for the designated period.

50 PERCENT EXCEEDS.—The discharge that has been exceeded 50 percent of the time for the designated period.

90 PERCENT EXCEEDS.—The discharge that has been exceeded 90 percent of the time for the designated period.

Data collected at partial-record stations follow the information for continuous-record sites. Data for partial-record

discharge stations are presented in two tables. The first table lists annual maximum stage and discharge at crest-stage stations, and the second table lists discharge measurements at low-flow partial-record stations. The tables of partial-record stations are followed by a listing of discharge measurements made at sites other than continuous-record or partial-record stations. These measurements are often made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for a special reason are called measurements at miscellaneous sites.

Identifying Estimated Daily Discharge

Estimated daily-discharge values published in the water-discharge tables of annual State data reports are identified. This identification is shown either by flagging individual daily values with the letter "e" and noting in a table footnote, "e–Estimated," or by listing the dates of the estimated record in the REMARKS paragraph of the station description.

Accuracy of Field Data and Computed Results

The accuracy of streamflow data depends primarily on (1) the stability of the stage-discharge relation or, if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge, and interpretations of records.

The degree of accuracy of the records is stated in the REMARKS in the station description. "Excellent" indicates that about 95 percent of the daily discharges are within 5 percent of the true value; "good" within 10 percent; and "fair," within 15 percent. "Poor" indicates that daily discharges have less than "fair" accuracy. Different accuracies may be attributed to different parts of a given record.

Values of daily mean discharge in this report are shown to the nearest hundredth of a cubic foot per second for discharges of less than 1 ft^3/s; to the nearest tenths between 1.0 and 10 ft^3/s; to whole numbers between 10 and 1,000 ft^3/s; and to three significant figures above 1,000 ft^3/s. The number of significant figures used is based solely on the magnitude of the discharge value. The same rounding rules apply to discharge values listed for partial-record stations.

Discharge at many stations, as indicated by the monthly mean, may not reflect natural runoff due to the effects of diversion, consumption, regulation by storage, increase or decrease in evaporation due to artificial causes, or to other factors. For such stations, values of cubic feet per second per square mile and of runoff in inches are not published unless satisfactory adjustments can be made for diversions, for changes in contents of reservoirs, or for other changes incident to use and control. Evaporation from a reservoir is not included in the adjustments for changes in reservoir contents, unless it is so stated. Even at those stations where adjustments are made, large errors in computed runoff may occur if adjustments or losses are large in comparison with the observed discharge.

Other Data Records Available

Information of a more detailed nature than that published for most of the stream-gaging stations such as discharge measurements, gage-height records, and rating tables is available from the USGS Water Science Center. Also, most stream-gaging station records are available in computer-usable form and many statistical analyses have been made.

Information on the availability of unpublished data or statistical analyses may be obtained from the USGS Water Science Center (see address that is shown on the back of the title page of this report).

EXPLANATION OF PRECIPITATION RECORDS

Data Collection and Computation

Rainfall data generally are collected using electronic data loggers that measure the rainfall in 0.01-inch increments every 15 minutes using either a tipping-bucket rain gage or a collection well gage. Twenty-four hour rainfall totals are tabulated and presented. A 24-hour period extends from just past midnight of the previous day to midnight of the current day. Snowfall-affected data can result during cold weather when snow fills the rain-gage funnel and then melts as temperatures rise. Snowfall-affected data are subject to errors. Missing values are indicated by this symbol "---" in the table.

Data Presentation

Precipitation records collected at surface-water gaging stations are identified with the same station number and name as the stream-gaging station. Where a surface-water daily-record station is not available, the precipitation record is published with its own name and latitude-longitude identification number.

Information pertinent to the history of a precipitation station is provided in descriptive headings preceding the tabular data. These descriptive headings give details regarding location, period of record, and general remarks.

The following information is provided with each precipitation station. Comments that follow clarify information presented under the various headings of the station description.

LOCATION.—See Data Presentation in the EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS section of this report (same comments apply).

PERIOD OF RECORD.—See Data Presentation in the EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS section of this report (same comments apply).

INSTRUMENTATION.—Information on the type of rainfall collection system is given.

REMARKS.—Remarks provide added information pertinent to the collection, analysis, or computation of records.

EXPLANATION OF WATER-QUALITY RECORDS

Collection and Examination of Data

Surface-water samples for analysis usually are collected at or near stream-gaging stations. The quality-of-water records are given immediately following the discharge records at these stations.

The descriptive heading for water-quality records gives the period of record for all water-quality data; the period of daily record for parameters that are measured on a daily basis (specific conductance, water temperature, sediment discharge, and so forth); extremes for the current year; and general remarks.

For ground-water records, no descriptive statements are given; however, the well number, depth of well, sampling date, or other pertinent data are given in the table containing the chemical analyses of the ground water.

Water Analysis

Most of the methods used for collecting and analyzing water samples are described in the TWRIs, which may be accessed from *http://water.usgs.gov/pubs/twri/*.

One sample can define adequately the water quality at a given time if the mixture of solutes throughout the stream cross section is homogeneous. However, the concentration of solutes at different locations in the cross section may vary considerably with different rates of water discharge, depending on the source of material and the turbulence and mixing of the stream. Some streams must be sampled at several verticals to obtain a representative sample needed for an accurate mean concentration and for use in calculating load.

Chemical-quality data published in this report are considered to be the most representative values available for the stations listed. The values reported represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. In the rare case where an apparent inconsistency exists between a reported pH value and the relative abundance of carbon dioxide species (carbonate and bicarbonate), the inconsistency is the result of a slight uptake of carbon dioxide from the air by the sample between measurement of pH in the field and determination of carbonate and bicarbonate in the laboratory.

For chemical-quality stations equipped with digital monitors, the records consist of daily maximum and minimum values (and sometimes mean or median values) for each constituent measured and are based on 15-minute or 1-hour intervals of recorded data beginning at 0000 hours and ending at 2400 hours for the day of record.

SURFACE-WATER-QUALITY RECORDS

Records of surface-water quality ordinarily are obtained at or near stream-gaging stations because discharge data are useful in the interpretation of surface-water quality. Records of surface-water quality in this report involve a variety of types of data and measurement frequencies.

Classification of Records

Water-quality data for surface-water sites are grouped into one of three classifications. A *continuous-record station* is a site where data are collected on a regularly scheduled basis. Frequency may be one or more times daily, weekly, monthly, or quarterly. A *partial-record station* is a site where limited water-quality data are collected systematically over a period of years. Frequency of sampling is usually less than quarterly. A *miscellaneous sampling site* is a location other than a continuous- or partial-record station, where samples are collected to give better areal coverage to define water-quality conditions in the river basin.

A careful distinction needs to be made between *continuous records* as used in this report and *continuous recordings* that refer to a continuous graph or a series of discrete values recorded at short intervals. Some records of water quality, such as temperature and specific conductance, may be obtained through continuous recordings; however, because of costs, most data are obtained only monthly or less frequently. Locations of stations for which records on the quality of surface water appear in this report are shown in figures __and __. *(**NOTE**: Insert figure numbers for your ADR, as appropriate.)*

Accuracy of the Records

One of four accuracy classifications is applied for measured physical properties at continuous-record stations on a scale ranging from poor to excellent. The accuracy rating is based on data values recorded before any shifts or corrections are made. Additional consideration also is given to the amount of publishable record and to the amount of data that have been corrected or shifted.

Arrangement of Records

Water-quality records collected at a surface-water daily record station are published immediately following that record, regardless of the frequency of sample collection. Station number and name are the same for both records. Where a surface-water daily record station is not available or where the water quality differs significantly from that at the nearby surface-water station, the continuing water-quality record is published with its own station number and name in the regular downstream-order sequence. Water-quality data for partial-record stations and for miscellaneous sampling sites appear in separate tables following the table of discharge measurements at miscellaneous sites.

Onsite Measurements and Sample Collection

In obtaining water-quality data, a major concern is assuring that the data obtained represent the naturally occurring quality of the water. To ensure this, certain measurements, such as water temperature, pH, and dissolved oxygen, must be made onsite when the samples are collected. To assure that measurements made in the laboratory also represent the naturally occurring water, carefully prescribed procedures must be followed in collecting the samples, in treating the samples to prevent changes in quality pending analysis, and in shipping the samples to the laboratory. Procedures for onsite measurements and for collecting, treating, and shipping samples are given in TWRIs Book 1, Chapter D2; Book 3, Chapters A1, A3, and A4; and Book 9, Chapters A1-A9. Most of the methods used for collecting and analyzing water samples are described in the TWRIs, which may be accessed from *http://water.usgs.gov/pubs/twri/*. Also, detailed information on collecting, treating, and shipping samples can be obtained from the USGS Water Science Center (see address that is shown on the back of title page in this report).

Water Temperature

Water temperatures are measured at most of the water-quality stations. In addition, water temperatures are taken at the time of discharge measurements for water-discharge stations. For stations where water temperatures are taken manually once or twice daily, the water temperatures are taken at about the same time each day. Large streams have a small diurnal temperature change; shallow streams may have a daily range of several degrees and may follow closely the changes in air temperature. Some streams may be affected by waste-heat discharges.

At stations where recording instruments are used, either mean temperatures or maximum and minimum temperatures for each day are published. Water temperatures measured at the time of water-discharge measurements are on file in the USGS Water Science Center.

Sediment

Suspended-sediment concentrations are determined from samples collected by using depth-integrating samplers. Samples usually are obtained at several verticals in the cross section, or a single sample may be obtained at a fixed point and a coefficient applied to determine the mean concentration in the cross section.

During periods of rapidly changing flow or rapidly changing concentration, samples may be collected more frequently (twice daily or, in some instances, hourly). The published sediment discharges for days of rapidly changing flow or concentration are computed by the subdivided-day method (time-discharge weighted average). Therefore, for those days when the published sediment discharge value differs from the value computed as the product of discharge times mean concentration times 0.0027, the reader can assume that the sediment discharge for that day was computed by the subdivided-day method. For periods when no samples were collected, daily discharges of suspended sediment were estimated on the basis of water discharge, sediment concentrations observed immediately before and after the periods, and suspended-sediment loads for other periods of similar discharge.

At other stations, suspended-sediment samples are collected periodically at many verticals in the stream cross section. Although data collected periodically may represent conditions only at the time of observation, such data are useful in establishing seasonal relations between quality and streamflow and in predicting long-term sediment-discharge characteristics of the stream.

In addition to the records of suspended-sediment discharge, records of the periodic measurements of the particle-size distribution of the suspended sediment and bed material are included for some stations.

Laboratory Measurements

Samples for biochemical oxygen demand (BOD) and indicator bacteria are analyzed locally. All other samples are analyzed in the USGS laboratory in Lakewood, Colorado, unless otherwise noted. Methods used in analyzing sediment samples and computing sediment records are given in TWRI, Book 5, Chapter C1. Methods used by the USGS laboratories are given in the TWRIs, Book 1, Chapter D2; Book 3, Chapter C2; and Book 5, Chapters A1, A3, and A4. The TWRI publications may be accessed from *http://water.usgs.gov/pubs/twri/*. These methods are consistent with ASTM standards and generally follow ISO standards.

Data Presentation

For continuing-record stations, information pertinent to the history of station operation is provided in descriptive headings preceding the tabular data. These descriptive headings give details regarding location, drainage area, period of record, type of data available, instrumentation, general remarks, cooperation, and extremes for parameters currently measured daily. Tables of chemical, physical, biological, radiochemical data, and so forth, obtained at a frequency less than daily are presented first. Tables of “daily values” of specific conductance, pH, water temperature, dissolved oxygen, and suspended sediment then follow in sequence.

In the descriptive headings, if the location is identical to that of the discharge gaging station, neither the LOCATION nor the DRAINAGE AREA statements are repeated. The following information is provided with each continuous-record station. Comments that follow clarify information presented under the various headings of the station description.

LOCATION.—See Data Presentation information in the EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS section of this report (same comments apply).

DRAINAGE AREA.—See Data Presentation information in the EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS section of this report (same comments apply).

PERIOD OF RECORD.—This indicates the time periods for which published water-quality records for the station are available. The periods are shown separately for records of parameters measured daily or continuously and those measured less than daily. For those measured daily or continuously, periods of record are given for the parameters individually.

INSTRUMENTATION.—Information on instrumentation is given only if a water-quality monitor temperature record, sediment pumping sampler, or other sampling device is in operation at a station.

REMARKS.—Remarks provide added information pertinent to the collection, analysis, or computation of the records.

COOPERATION.—Records provided by a cooperating organization or obtained for the USGS by a cooperating organization are identified here.

EXTREMES.—Maximums and minimums are given only for parameters measured daily or more frequently. For parameters measured weekly or less frequently, true maximums or minimums may not have been obtained. Extremes, when given, are provided for both the period of record and for the current water year.

REVISIONS.—Records are revised if errors in published water-quality records are discovered. Appropriate updates are made in the USGS distributed data system, NWIS, and subsequently to its Web-based national data system, NWISWeb (*http://waterdata.usgs.gov/nwis*). Users of USGS water-quality data are encouraged to obtain all required data from NWIS or NWISWeb to ensure that they have the most recent updates. Updates to the NWISWeb are made on an annual basis.

The surface-water-quality records for partial-record stations and miscellaneous sampling sites are published in separate tables following the table of discharge measurements at miscellaneous sites. No descriptive statements are given for these records. Each station is published with its own station number and name in the regular downstream-order sequence.

Remark Codes

The following remark codes may appear with the water-quality data in this section:

Printed Output	Remark
E	Value is estimated.
>	Actual value is known to be greater than the value shown.
<	Actual value is known to be less than the value shown.
M	Presence of material verified, but not quantified.
N	Presumptive evidence of presence of material.
U	Material specifically analyzed for, but not detected.
A	Value is an average.
V	Analyte was detected in both the environmental sample and the associated blanks.
S	Most probable value.

Water-Quality Control Data

The USGS National Water Quality Laboratory collects quality-control data on a continuing basis to evaluate selected analytical methods to determine long-term method detection levels (LT-MDLs) and laboratory reporting levels (LRLs). These values are re-evaluated each year on the basis of the most recent quality-control data and, consequently, may change from year to year.

This reporting procedure limits the occurrence of false positive error. Falsely reporting a concentration greater than the LT-MDL for a sample in which the analyte is not present is 1 percent or less. Application of the LRL limits the occurrence of false negative error. The chance of falsely reporting a nondetection for a sample in which the analyte is present at a concentration equal to or greater than the LRL is 1 percent or less.

Accordingly, concentrations are reported as less than LRL for samples in which the analyte either was not detected or did not pass identification. Analytes detected at concentrations between the LT-MDL and the LRL and that pass identification criteria are estimated. Estimated concentrations will be noted with a remark code of “E.” These data should be used with the understanding that their uncertainty is greater than that of data reported without the E remark code.

Data generated from quality-control (QC) samples are a requisite for evaluating the quality of the sampling and processing techniques as well as data from the actual samples themselves. Without QC data, environmental sample data cannot be adequately interpreted because the errors associated

with the sample data are unknown. The various types of QC samples collected by a USGS Water Science Center are described in the following section. Procedures have been established for the storage of water-quality-control data within the USGS. These procedures allow for storage of all derived QC data and are identified so that they can be related to corresponding environmental samples. These data are not presented in this report but are available from the USGS Water Science Center.

Blank Samples

Blank samples are collected and analyzed to ensure that environmental samples have not been contaminated in the overall data-collection process. The blank solution used to develop specific types of blank samples is a solution that is free of the analytes of interest. Any measured value signal in a blank sample for an analyte (a specific component measured in a chemical analysis) that was absent in the blank solution is believed to be due to contamination. Many types of blank samples are possible; each is designed to segregate a different part of the overall data-collection process. The types of blank samples collected by this USGS Water Science Center are:

Field blank—A blank solution that is subjected to all aspects of sample collection, field processing preservation, transportation, and laboratory handling as an environmental sample.

Trip blank—A blank solution that is put in the same type of bottle used for an environmental sample and kept

Blank Samples

Blank samples are collected and analyzed to ensure that environmental samples have not been contaminated in the overall data-collection process. The blank solution used to develop specific types of blank samples is a solution that is free of the analytes of interest. Any measured value signal in a blank sample for an analyte (a specific component measured in a chemical analysis) that was absent in the blank solution is believed to be due to contamination. Many types of blank samples are possible; each is designed to segregate a different part of the overall data-collection process. The types of blank samples collected by this USGS Water Science Center are:

Field blank—A blank solution that is subjected to all aspects of sample collection, field processing preservation, transportation, and laboratory handling as an environmental sample.

Trip blank—A blank solution that is put in the same type of bottle used for an environmental sample and kept with the set of sample bottles before and after sample collection.

Equipment blank—A blank solution that is processed through all equipment used for collecting and processing an environmental sample (similar to a field blank but normally done in the more controlled conditions of the office).

Sampler blank—A blank solution that is poured or pumped through the same field sampler used for collecting an environmental sample.

Filter blank—A blank solution that is filtered in the same manner and through the same filter apparatus used for an environmental sample.

Splitter blank—A blank solution that is mixed and separated using a field splitter in the same manner and through the same apparatus used for an environmental sample.

Preservation blank—A blank solution that is treated with the sampler preservatives used for an environmental sample.

Reference Samples

Reference material is a solution or material prepared by a laboratory. The reference material composition is certified for one or more properties so that it can be used to assess a measurement method. Samples of reference material are submitted for analysis to ensure that an analytical method is accurate for the known properties of the reference material. Generally, the selected reference material properties are similar to the environmental sample properties.

Replicate Samples

Replicate samples are a set of environmental samples collected in a manner such that the samples are thought to be essentially identical in composition. Replicate is the general case for which a duplicate is the special case consisting of two samples. Replicate samples are collected and analyzed to establish the amount of variability in the data contributed by some part of the collection and analytical process. Many types of replicate samples are possible, each of which may yield slightly different results in a dynamic hydrologic setting, such as a flowing stream. The types of replicate samples collected in this district are:

Concurrent samples—A type of replicate sample in which the samples are collected simultaneously with two or more samplers or by using one sampler and alternating the collection of samples into two or more compositing containers.

Sequential samples—A type of replicate sample in which the samples are collected one after the other, typically over a short time.

Split sample—A type of replicate sample in which a sample is split into subsamples, each subsample contemporaneous in time and space.

Spike Samples

Spike samples are samples to which known quantities of a solution with one or more well-established analyte concentrations have been added. These samples are analyzed to determine the extent of matrix interference or degradation on the analyte concentration during sample processing and analysis.

ACCESS TO USGS WATER DATA

The USGS provides near real-time stage and discharge data for many of the gaging stations equipped with the necessary telemetry and historic daily-mean and peak-flow discharge data for most current or discontinued gaging stations through the World Wide Web (WWW). These data may be accessed from *http://water.usgs.gov*.

Water-quality data and ground-water data also are available through the WWW. In addition, data can be provided in various machine-readable formats on various media. Information about the availability of specific types of data or products, and user charges, can be obtained locally from each Water Discipline District Office (See address that is shown on the back of the title page of this report.)

DEFINITION OF TERMS

Specialized technical terms related to streamflow, water-quality, and other hydrologic data, as used in this report, may be accessed from *http://water.usgs.gov/ADR_Defs_2004.pdf*. Terms such as algae, water level, and precipitation are used in their common everyday meanings, definitions of which are given in standard dictionaries. Not all terms defined in this alphabetical list apply to every State. See also table for converting English units to International System (SI) Units. Other glossaries that also define water-related terms are accessible from *http://water.usgs.gov/glossaries.html*.

STAGE, DISCHARGE AND WATER QUALITY OF STREAMS

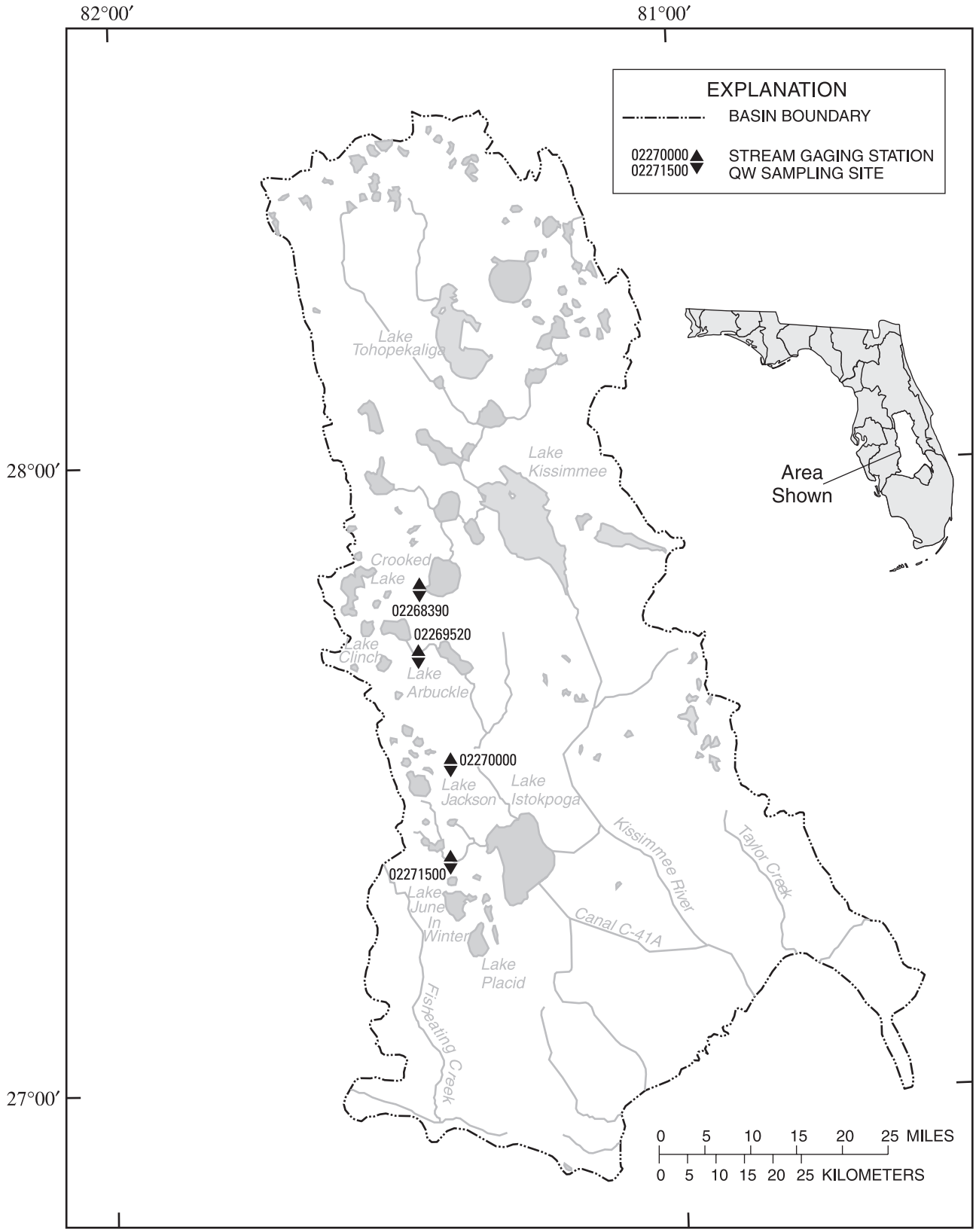

Figure 9.--Location of stream gaging stations in the Kissimmee River basin; the Taylor Creek basin and inflow to Lake Okeechobee from the north; and Fisheating Creek basin and inflow to Lake Okeechobee from the northwest.

02268390 TIGER CREEK NEAR BABSON PARK, FL.

LOCATION.--Lat 27°48'40", long 81°26'38" (1927 North American datum), in NE$^{1}/_{4}$ sec.5, T.31 S., R.29 E., Polk County, Hydrologic Unit 03090101, on left bank, on upstream side of bridge on Walk-in-Water Road, 0.4 mi upstream of Lake Weohyakapka, and 2.0 mi east of Babson Park.

DRAINAGE AREA.--52.8 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1991 to current year.

GAGE.--Water-stage recorder. Datum of gage is 23.52 ft above National Geodetic Vertical Datum of 1929 (Polk County bench mark).

REMARKS.--Records fair except those for estimated daily discharge, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	199	61	50	76	51	165	e75	52	64	256	135	185
2	181	60	50	72	51	166	e72	51	83	256	137	174
3	165	59	49	68	51	155	e68	51	112	255	136	171
4	149	59	49	65	50	145	e65	65	145	252	138	158
5	135	58	48	63	50	134	e63	73	173	214	186	144
6	123	58	48	61	49	124	e61	79	200	177	251	132
7	114	57	48	59	48	115	e59	79	200	178	324	124
8	106	56	47	58	48	106	e57	76	190	171	338	118
9	99	56	47	57	47	99	e55	71	181	176	308	114
10	93	57	47	56	47	98	e54	67	179	191	278	112
11	89	57	47	55	46	95	e53	63	182	200	249	106
12	88	58	47	54	45	92	52	61	186	219	226	101
13	87	57	46	53	45	87	50	58	185	222	234	97
14	86	57	46	58	44	84	49	56	177	212	225	93
15	84	56	45	67	43	82	47	53	167	199	208	89
16	83	55	44	73	43	81	46	51	181	185	190	86
17	80	54	44	75	42	89	45	49	194	170	177	83
18	78	54	45	74	42	111	43	47	189	157	166	80
19	76	53	45	71	41	122	42	44	181	146	153	78
20	74	52	45	69	40	e131	41	42	164	138	142	77
21	73	50	44	66	39	e125	40	39	152	130	132	78
22	72	50	44	64	39	e119	39	35	155	124	127	81
23	71	49	44	62	39	e114	39	32	199	119	121	83
24	70	48	43	60	38	e108	45	28	233	118	117	85
25	68	49	52	58	38	e104	47	26	243	132	113	84
26	67	50	73	57	38	e99	48	32	228	138	124	81
27	66	50	87	56	55	e95	53	37	217	137	152	79
28	65	51	94	54	123	e90	55	47	238	130	204	82
29	64	51	91	53	---	e86	54	51	243	122	212	122
30	63	50	86	53	---	e82	53	52	248	121	201	153
31	62	---	81	52	---	e79	---	53	---	130	188	---
TOTAL	2,930	1,632	1,676	1,919	1,332	3,382	1,570	1,620	5,489	5,375	5,892	3,250
MEAN	94.5	54.4	54.1	61.9	47.6	109	52.3	52.3	183	173	190	108
MAX	199	61	94	76	123	166	75	79	248	256	338	185
MIN	62	48	43	52	38	79	39	26	64	118	113	77
CFSM	1.79	1.03	1.02	1.17	0.90	2.07	0.99	0.99	3.47	3.28	3.60	2.05
IN.	2.06	1.15	1.18	1.35	0.94	2.38	1.11	1.14	3.87	3.79	4.15	2.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2005, BY WATER YEAR (WY)

MEAN	49.4	36.4	38.8	40.3	36.4	39.1	28.6	20.9	42.8	50.8	64.3	63.9
MAX	94.5	54.4	73.7	62.6	81.9	109	52.3	52.3	183	173	190	136
(WY)	(2005)	(2005)	(2003)	(2003)	(1998)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)
MIN	20.4	15.8	15.5	16.0	15.0	15.7	14.7	8.05	12.9	20.6	23.5	27.1
(WY)	(1994)	(2001)	(2001)	(2001)	(2001)	(2001)	(2002)	(2001)	(2001)	(2001)	(1993)	(1997)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1992 - 2005	
ANNUAL TOTAL	19,125.3		36,067			
ANNUAL MEAN	52.3		98.8		42.7	
HIGHEST ANNUAL MEAN					98.8	2005
LOWEST ANNUAL MEAN					22.9	2001
HIGHEST DAILY MEAN	253	Sep 28	338	Aug 8	338	Aug 8, 2005
LOWEST DAILY MEAN	8.8	Jun 2	26	May 25	5.3	May 28, 2001
ANNUAL SEVEN-DAY MINIMUM	9.6	May 28	33	May 21	5.9	May 25, 2001
MAXIMUM PEAK FLOW			348	Aug 8	348	Aug 8, 2005
MAXIMUM PEAK STAGE			46.90	Jul 4	**47.60	Sep 28, 2004
ANNUAL RUNOFF (CFSM)	0.990		1.87		0.808	
ANNUAL RUNOFF (INCHES)	13.47		25.41		10.98	
10 PERCENT EXCEEDS	123		190		76	
50 PERCENT EXCEEDS	36		75		34	
90 PERCENT EXCEEDS	20		45		16	

e Estimated
**From high water mark

02268390 TIGER CREEK NEAR BABSON PARK, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1995 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)
NOV 29...	0915	45.20	51	--	5.4	7.6	153	18.4	.04	.30	.012
FEB 07...	0835	45.14	48	766	7.8	6.0	165	16.2	<.04	.48	E.005
APR 11...	0900	45.29	E54	761	5.3	6.3	151	20.4	<.04	.13	E.004
MAY 17...	0845	45.27	50	--	--	--	--	--	<.04	.17	<.008
JUL 19...	0920	45.29	147	771	3.1	7.2	130	28.3	.10	E.03	E.004
AUG 30...	0955	45.79	203	--	2.3	7.6	100	27.8	.10	E.04	E.006

Date	Total nitrogen, wat unf by analysis, mg/L (62855)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)
NOV 29...	1.10	.03	.06
FEB 07...	--	<.02	--
APR 11...	.79	.02	.04
MAY 17...	.82	.02	.06
JUL 19...	1.07	.08	.13
AUG 30...	1.16	.09	.19

<--Less than
E--Estimated

02269520 LIVINGSTON CREEK NEAR FROSTPROOF, FL.

LOCATION.--Lat 27°42'30", long 81°26'48" (1927 North American datum), in SW$^{1}/_{4}$ sec.8, T32 S., R.29 E., Polk County, Hydrologic Unit 03090101, on downstream side of bridge on School Bus Road, 3.6 mi upstream from Lake Arbuckle, and 5.3 mi east of Frostproof.

DRAINAGE AREA.--120 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--March 1991 to current year.

GAGE.--Water-stage recorder. Datum of gage is 22.54 ft above National Geodetic Vertical Datum of 1929 (Polk County bench mark).

REMARKS.--Records fair except those for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	393	200	108	113	e84	124	112	61	100	331	205	230
2	378	196	106	111	e82	112	110	62	131	328	189	231
3	365	192	105	109	e81	107	108	61	130	313	180	244
4	355	188	102	107	e80	112	102	77	149	315	177	239
5	347	185	99	104	e79	110	99	76	153	301	206	229
6	339	180	97	103	e79	107	95	78	157	289	276	220
7	331	175	95	101	78	104	93	74	149	279	353	213
8	323	170	93	100	78	102	94	70	145	271	320	211
9	316	167	92	98	77	104	93	67	143	274	283	205
10	309	166	91	96	77	114	90	65	153	289	284	199
11	306	162	93	95	76	111	87	64	172	285	275	193
12	313	158	90	93	72	108	84	63	180	285	262	187
13	313	155	86	92	70	105	83	62	202	293	260	183
14	308	153	84	104	69	103	82	60	197	312	244	179
15	300	150	81	126	68	102	78	59	186	317	243	174
16	293	147	78	120	68	101	74	57	184	305	239	170
17	284	143	76	114	67	128	71	57	180	289	231	166
18	277	140	78	108	65	166	68	56	178	281	224	162
19	270	137	78	105	63	156	67	54	179	283	217	158
20	266	134	76	103	62	143	65	52	179	299	212	159
21	261	131	74	101	61	139	64	51	193	313	207	165
22	255	129	72	e99	61	147	62	49	194	304	204	163
23	249	127	71	e97	60	141	61	48	212	293	202	152
24	242	125	71	e96	59	139	63	47	262	285	203	149
25	236	123	91	e94	59	136	61	48	266	284	212	145
26	230	121	151	e93	60	133	58	58	254	281	224	141
27	224	118	141	e91	80	129	66	55	243	273	232	140
28	219	117	129	e90	133	126	66	57	240	267	239	156
29	214	114	121	e88	---	123	61	53	265	254	235	158
30	209	111	118	e87	---	118	58	51	320	237	234	155
31	205	---	115	e85	---	114	---	58	---	214	233	---
TOTAL	8,930	4,514	2,962	3,123	2,048	3,764	2,375	1,850	5,696	8,944	7,305	5,476
MEAN	288	150	95.5	101	73.1	121	79.2	59.7	190	289	236	183
MAX	393	200	151	126	133	166	112	78	320	331	353	244
MIN	205	111	71	85	59	101	58	47	100	214	177	140
AC-FT	17,710	8,950	5,880	6,190	4,060	7,470	4,710	3,670	11,300	17,740	14,490	10,860
CFSM	2.40	1.25	0.80	0.84	0.61	1.01	0.66	0.50	1.58	2.40	1.96	1.52
IN.	2.77	1.40	0.92	0.97	0.63	1.17	0.74	0.57	1.77	2.77	2.26	1.70

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2005, BY WATER YEAR (WY)

MEAN	107	69.0	59.3	58.3	53.6	55.9	39.1	24.1	42.7	66.5	91.5	127
MAX	288	150	151	135	211	248	146	69.4	190	289	239	305
(WY)	(2005)	(2005)	(1995)	(1998)	(1998)	(1998)	(1998)	(1998)	(2005)	(2005)	(1995)	(2004)
MIN	19.6	13.0	11.6	10.0	10.2	11.1	10.4	6.57	5.63	21.3	18.4	26.3
(WY)	(1998)	(2001)	(2001)	(2001)	(2001)	(2001)	(1999)	(2001)	(2000)	(2000)	(1993)	(1993)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1992 - 2005	
ANNUAL TOTAL	34,926.3		56,987			
ANNUAL MEAN	95.4		156		66.2	
HIGHEST ANNUAL MEAN					156	2005
LOWEST ANNUAL MEAN					27.6	1997
HIGHEST DAILY MEAN	536	Sep 27	393	Oct 1	700	Mar 21, 1998
LOWEST DAILY MEAN	8.0	Jun 2	47	May 24	4.5	Jun 5, 2002
ANNUAL SEVEN-DAY MINIMUM	8.8	May 29	50	May 19	4.8	Jun 1, 2002
MAXIMUM PEAK FLOW			337	Jul 1	700	Mar 21, 1998
MAXIMUM PEAK STAGE			46.68	Jul 1	48.94	Sep 27, 2004
ANNUAL RUNOFF (AC-FT)	69,280		113,000		47,940	
ANNUAL RUNOFF (CFSM)	0.795		1.30		0.551	
ANNUAL RUNOFF (INCHES)	10.83		17.67		7.49	
10 PERCENT EXCEEDS	260		285		159	
50 PERCENT EXCEEDS	44		131		40	
90 PERCENT EXCEEDS	16		63		13	

e Estimated

02269520 LIVINGSTON CREEK NEAR FROSTPROOF, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1995 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)
NOV 29...	1025	44.13	114	--	5.5	6.9	193	19.2	.04	.27	<.008
FEB 07...	0950	43.20	78	767	7.8	5.9	201	16.3	.05	.41	.008
APR 11...	0940	43.51	87	762	5.7	6.1	194	21.0	.06	.33	E.005
MAY 17...	0915	42.85	57	--	--	--	--	--	.10	.33	E.004
JUL 19...	1000	45.97	282	--	2.7	6.7	156	28.3	.06	.13	E.005
AUG 30...	1030	44.58	234	--	3.1	7.3	165	28.3	.08	.17	.009

Date	Total nitrogen, wat unf by analysis, mg/L (62855)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)
NOV 29...	1.33	E.01	.11
FEB 07...	--	<.02	--
APR 11...	1.46	<.02	.10
MAY 17...	1.66	<.02	.09
JUL 19...	1.25	.04	.14
AUG 30...	1.31	E.01	.12

<--Less than
E--Estimated

02270000 CARTER CREEK NEAR SEBRING, FL.

LOCATION.--Lat 27° 31'55", long 81° 23'16" (1927 North American datum), in SE$^{1}/_{4}$ sec.11, T.34 S., R.29 E., Highlands County, Hydrologic Unit 03090101, on right bank, 75 ft downstream from culverts on Lake Arbuckle Road, 2.3 mi upstream from mouth, 4.4 mi downstream from Bonnett Lake, and 7.1 mi northeast of Sebring.

DRAINAGE AREA.--38.8 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1954 to September 1966; March 1991 to current year.

GAGE.--Water-stage recorder. Datum of gage is 56.75 ft above National Geodetic Vertical Datum of 1929 (Corps of Engineers bench mark). Prior to Nov. 16, 1954, staff gage and Nov. 16, 1954, to Sept. 30, 1963, water-stage recorder, at present site and datum. Mar. 16, 1956, to Sept. 30, 1958, staff gage and May 23, 1963, to September 30, 1966, water-stage recorder at site 1,100 ft upstream at same datum.

REMARKS.--Records good exdept those for estimated daily discharges, which are poor. Regulation by Bonnett Lake control above station. Maximum gage height, 8.36 ft, Oct. 1, stage falling, peak occurred Sept. 26, 2004; maximum peak gage height 8.19 ft, June 5.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	65	27	20	24	17	30	21	17	44	68	35	42
2	61	27	19	22	16	26	25	16	47	58	34	45
3	58	26	19	22	16	24	25	14	45	54	33	52
4	55	25	19	21	16	28	23	23	51	48	32	64
5	52	26	18	20	16	26	22	21	61	44	35	61
6	50	25	18	20	16	24	21	19	60	39	38	57
7	47	24	18	20	15	22	20	17	45	36	38	e52
8	44	23	18	19	15	21	21	15	37	34	38	49
9	42	24	18	19	15	24	20	14	34	39	41	45
10	41	26	18	18	15	30	19	14	35	41	44	43
11	42	25	19	18	14	27	19	13	46	39	42	40
12	48	24	18	18	14	24	18	13	42	35	41	38
13	47	24	18	17	13	22	19	12	37	33	39	37
14	45	23	18	28	13	21	18	12	32	32	37	35
15	42	22	17	33	13	21	17	12	29	35	36	34
16	40	22	17	31	13	20	15	11	27	35	35	32
17	39	21	17	29	13	47	14	11	26	35	34	31
18	37	21	19	26	12	59	14	10	25	36	33	30
19	36	20	19	24	12	44	13	9.5	25	41	33	29
20	36	20	18	23	12	38	12	9.0	25	54	32	29
21	39	20	17	22	12	35	12	8.7	29	55	31	30
22	39	20	17	21	12	34	12	8.4	30	46	32	31
23	38	19	16	21	11	33	11	8.2	35	41	34	30
24	36	19	17	20	11	31	11	7.8	44	40	35	29
25	34	20	30	19	11	30	10	7.7	39	41	36	28
26	32	22	45	18	12	29	9.7	8.3	35	42	38	28
27	31	21	39	18	26	27	17	8.0	32	39	39	27
28	30	21	34	18	35	26	15	8.1	36	37	38	26
29	29	21	30	17	---	25	13	7.5	61	36	37	26
30	29	20	27	17	---	23	12	7.0	61	37	38	26
31	27	---	25	17	---	22	---	16	---	36	40	---
TOTAL	1,291	678	662	660	416	893	498.7	378.2	1,175	1,286	1,128	1,126
MEAN	41.6	22.6	21.4	21.3	14.9	28.8	16.6	12.2	39.2	41.5	36.4	37.5
MAX	65	27	45	33	35	59	25	23	61	68	44	64
MIN	27	19	16	17	11	20	9.7	7.0	25	32	31	26
AC-FT	2,560	1,340	1,310	1,310	825	1,770	989	750	2,330	2,550	2,240	2,230
CFSM	1.07	0.58	0.55	0.55	0.38	0.74	0.43	0.31	1.01	1.07	0.94	0.97
IN.	1.24	0.65	0.63	0.63	0.40	0.86	0.48	0.36	1.13	1.23	1.08	1.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1955 - 2005, BY WATER YEAR (WY)

MEAN	36.1	24.4	20.5	20.6	20.8	21.3	17.4	12.8	21.8	29.7	34.6	42.8
MAX	130	78.7	54.9	56.0	70.7	84.0	83.5	36.6	54.2	103	102	146
(WY)	(1960)	(1960)	(1998)	(1958)	(1998)	(1998)	(1998)	(1957)	(1959)	(1959)	(1960)	(1960)
MIN	9.75	5.80	5.75	5.35	3.45	3.23	4.25	3.35	5.43	9.53	9.46	12.5
(WY)	(1962)	(2001)	(2001)	(2001)	(2001)	(2001)	(1994)	(2000)	(2004)	(2004)	(1993)	(1996)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1955 - 2005	
ANNUAL TOTAL	7,724.8		10,191.9			
ANNUAL MEAN	21.1		27.9		25.4	
HIGHEST ANNUAL MEAN					65.6	1960
LOWEST ANNUAL MEAN					11.1	1997
HIGHEST DAILY MEAN	161	Sep 26	68	Jul 1	352	Sep 11, 1960
LOWEST DAILY MEAN	3.0	Jun 1	7.0	May 30	1.6	Mar 28, 2001
ANNUAL SEVEN-DAY MINIMUM	3.4	May 28	7.8	May 24	1.8	Mar 23, 2001
MAXIMUM PEAK FLOW			87	Jun 5	552	Sep 11, 1960
MAXIMUM PEAK STAGE			8.19	Jun 5	11.05	Sep 11, 1960
ANNUAL RUNOFF (AC-FT)	15,320		20,220		18,390	
ANNUAL RUNOFF (CFSM)	0.544		0.720		0.654	
ANNUAL RUNOFF (INCHES)	7.41		9.77		8.89	
10 PERCENT EXCEEDS	42		45		50	
50 PERCENT EXCEEDS	17		26		18	
90 PERCENT EXCEEDS	5.5		13		6.8	

e Estimated

02270000 CARTER CREEK NEAR SEBRING, FL.d

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1995 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)
NOV 29...	1210	6.37	21	--	7.1	7.2	157	19.5	<.04	.27	<.008
FEB 07...	1130	5.82	13	767	8.6	6.4	174	16.9	<.04	.77	<.008
APR 11...	1110	5.99	19	762	8.4	6.8	176	20.4	<.04	.34	<.008
MAY 17...	1030	5.54	11	--	--	--	--	--	E.02	.26	<.008
JUL 19...	1115	6.47	36	--	5.3	6.9	148	27.2	E.02	.20	<.008
AUG 30...	1140	6.50	38	--	5.1	7.2	153	27.7	<.04	.24	E.004

Date	Total nitrogen, wat unf by analysis, mg/L (62855)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)
NOV 29...	.70	<.02	E.02
FEB 07...	--	<.02	--
APR 11...	.94	<.02	.03
MAY 17...	.95	<.02	.04
JUL 19...	.88	<.02	.05
AUG 30...	.87	<.02	.03

<--Less than
E--Estimated

02271500 JOSEPHINE CREEK NEAR DE SOTO CITY, FL.

LOCATION.--Lat 27° 22'26", long 81° 23'37" (1927 North American datum), in SE$^{1}/_{4}$ sec.2, T.36 S., R.29 E., Highlands County, Hydrologic Unit 03090101, near center of span on downstream side of bridge on State Highway 17, 1.0 mi downstream from Jack Creek, 4.0 mi south of De Soto City, and 4.9 mi upstream from mouth.

DRAINAGE AREA.--109 mi^2, includes area drained by Lake Sebring.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1946 to September 1975; October 1978 to current year.

REVISED RECORDS.--WSP 1384: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 52.99 ft above National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark). Prior to May 21, 1952, at site 0.44 mi upstream at datum 0.89 ft higher. May 21, 1952 to August 16, 2005, at site 0.06 mi downstream at same datum.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Some regulation by gate manipulations at structure G-90 located on Lake June-in-Winter outflow canal. Discharge affected by pumpage. WDR 1992 through WDR 2002 period of record gage height at present datum. Maximum discharge, 777 cfs Oct. 1, stage falling, peak occurred Sept. 28, 2004; maximum peak discharge, 652 cfs June 5, gage height, 6.85 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	772	142	39	79	33	e46	84	20	103	632	279	140
2	760	109	38	74	32	53	88	20	331	625	279	106
3	724	83	38	70	32	47	87	20	468	602	272	90
4	679	78	35	66	31	50	76	49	535	595	205	84
5	638	75	34	63	29	49	69	62	606	586	204	88
6	608	70	34	61	27	43	64	60	627	572	229	105
7	630	64	34	60	26	39	62	53	580	502	247	147
8	625	61	35	57	27	38	66	46	537	409	263	247
9	580	58	36	54	34	41	63	40	508	413	304	239
10	547	57	37	53	34	58	59	35	527	471	307	116
11	528	58	39	76	31	55	54	30	560	450	296	85
12	554	58	36	79	25	50	33	26	559	401	300	76
13	549	59	33	72	22	44	29	22	560	383	294	69
14	523	59	32	57	21	41	27	19	466	389	287	61
15	399	58	30	63	21	39	23	16	404	375	271	55
16	292	79	27	60	21	38	20	16	387	325	177	51
17	257	84	26	54	20	69	18	14	360	293	122	46
18	239	79	34	50	18	133	16	12	334	278	102	43
19	226	74	38	48	15	166	15	10	221	269	89	40
20	230	70	37	47	14	169	14	9.0	164	253	78	38
21	227	66	32	46	14	162	14	11	180	178	69	42
22	218	64	31	45	14	155	14	11	214	150	65	47
23	206	61	32	45	e24	149	14	9.2	268	139	62	46
24	195	58	35	40	e30	142	12	8.3	307	135	68	44
25	186	51	53	37	e35	137	11	7.3	299	166	204	40
26	176	44	135	36	e39	130	10	8.2	351	235	303	40
27	167	38	126	35	e40	121	24	15	364	248	292	72
28	159	45	109	35	e42	116	29	15	408	240	269	73
29	153	43	99	36	---	107	25	12	486	233	275	77
30	149	40	91	37	---	96	21	9.7	560	273	247	70
31	145	---	85	35	---	89	---	21	---	283	208	---
TOTAL	12,341	1,985	1,520	1,670	751	2,672	1,141	706.7	12,274	11,103	6,667	2,477
MEAN	398	66.2	49.0	53.9	26.8	86.2	38.0	22.8	409	358	215	82.6
MAX	772	142	135	79	42	169	88	62	627	632	307	247
MIN	145	38	26	35	14	38	10	7.3	103	135	62	38
AC-FT	24,480	3,940	3,010	3,310	1,490	5,300	2,260	1,400	24,350	22,020	13,220	4,910
CFSM	3.65	0.61	0.45	0.49	0.25	0.79	0.35	0.21	3.75	3.29	1.97	0.76
IN.	4.21	0.68	0.52	0.57	0.26	0.91	0.39	0.24	4.19	3.79	2.28	0.85

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1947 - 2005, BY WATER YEAR (WY)

MEAN	130	63.2	48.1	45.1	50.5	52.3	37.9	21.2	60.2	88.0	127	171
MAX	601	296	237	167	421	330	177	131	409	358	614	770
(WY)	(1954)	(1948)	(2003)	(1948)	(1998)	(1998)	(1958)	(1958)	(2005)	(2005)	(1960)	(1960)
MIN	14.0	3.60	4.83	4.32	3.41	3.17	1.89	1.05	3.12	3.13	8.87	12.6
(WY)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(1956)	(1956)	(1956)	(1956)	(1950)	(1996)

02271500 JOSEPHINE CREEK NEAR DE SOTO CITY, FL.—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1947 - 2005	
ANNUAL TOTAL	40,492.3		55,307.7			
ANNUAL MEAN	111		152		74.6	
HIGHEST ANNUAL MEAN					268	1960
LOWEST ANNUAL MEAN					15.1	1956
HIGHEST DAILY MEAN	869	Sep 28	772	Oct 1	1,680	Sep 23, 1948
LOWEST DAILY MEAN	6.1	Jun 2	7.3	May 25	0.50	May 22, 1956
ANNUAL SEVEN-DAY MINIMUM	6.4	May 28	9.1	May 20	0.69	May 21, 1956
MAXIMUM PEAK FLOW			652	Jun 5	1,780	Sep 23, 1948
MAXIMUM PEAK STAGE			6.85	Jun 5	*10.67	Sep 23, 1948
ANNUAL RUNOFF (AC-FT)	80,320		109,700		54,040	
ANNUAL RUNOFF (CFSM)	1.01		1.39		0.684	
ANNUAL RUNOFF (INCHES)	13.82		18.88		9.30	
10 PERCENT EXCEEDS	416		456		176	
50 PERCENT EXCEEDS	35		66		39	
90 PERCENT EXCEEDS	8.4		20		7.6	

e Estimated
*Present datum

02271500 JOSEPHINE CREEK NEAR DE SOTO CITY, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1966-71, 1974 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Color, water, fltrd, Pt-Co units (00080)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
NOV													
29...	1310	2.89	43	--	--	4.5	6.5	135	21.6	--	--	--	--
FEB													
07...	1230	2.47	26	100	--	6.2	6.0	137	19.2	9.62	4.03	3.22	6.92
APR													
11...	1201	2.92	56	88	763	6.3	6.0	141	23.6	9.46	4.08	4.00	7.07
MAY													
17...	1116	2.00	15	--	--	--	--	--	--	--	--	--	--
JUL													
19...	1215	5.19	270	125	--	3.3	6.3	119	29.5	7.03	3.11	3.62	6.34
AUG													
30...	1250	5.32	260	100	--	5.1	7.2	153	27.7	6.71	3.36	4.26	6.64

Date	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitrogen, wat unf by analysis, mg/L (62855)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Strontium, water, fltrd, ug/L (01080)
NOV												
29...	--	--	--	--	--	.18	.47	E.004	1.30	.03	.04	--
FEB												
07...	13.4	<.1	4.95	22.1	104	.06	.44	E.007	--	E.01	--	233
APR												
11...	14.9	E.1	2.42	23.3	91	.06	.25	<.008	.98	E.01	.06	166
MAY												
17...	--	--	--	--	--	.08	.41	<.008	1.24	<.02	.06	--
JUL												
19...	13.6	<.1	3.07	16.6	87	.04	.14	<.008	1.00	<.02	.06	118
AUG												
30...	14.1	E.1	2.64	17.6	100	E.03	.07	<.008	.81	<.02	.04	114

<--Less than
E--Estimated

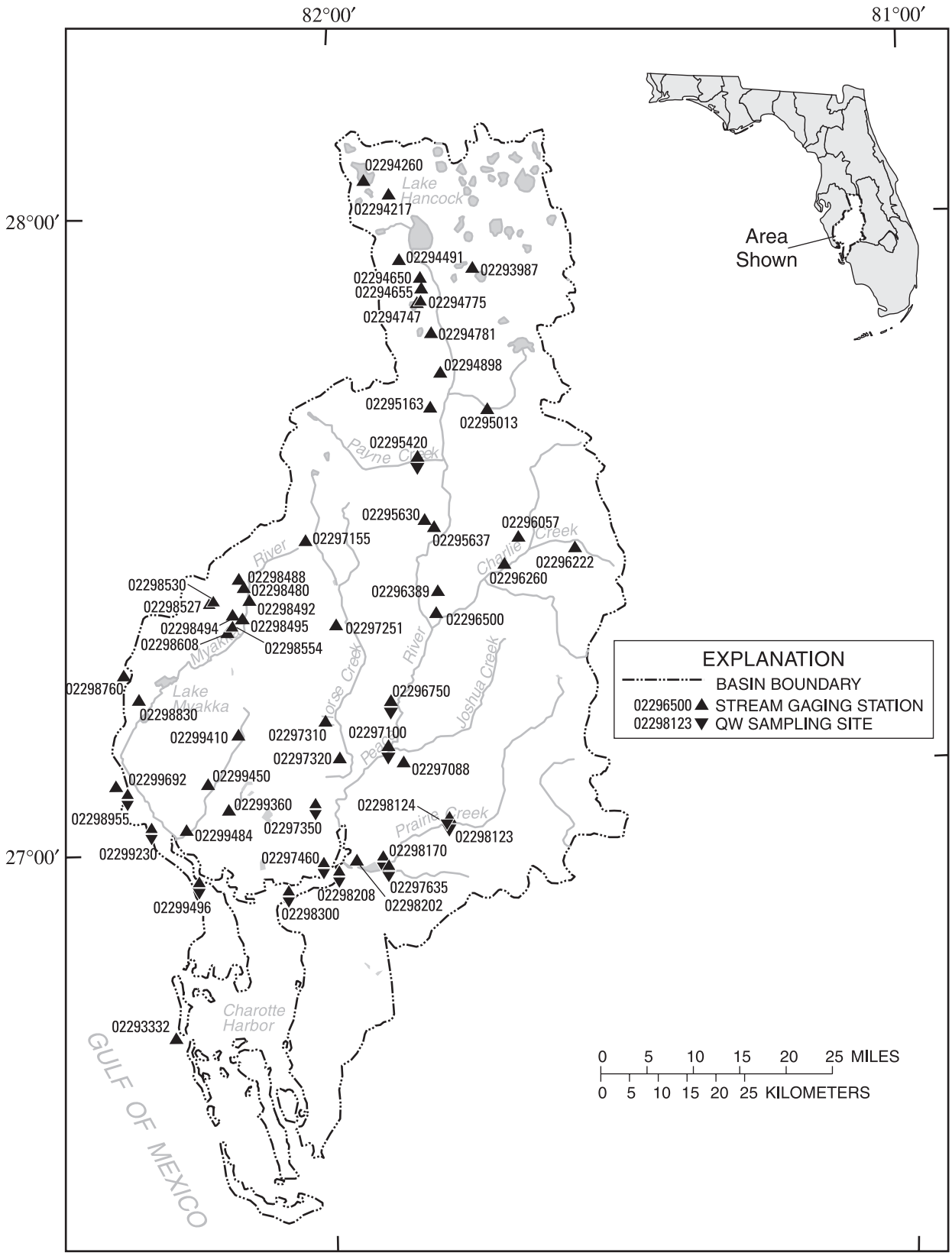

Figure 10.--Location of stream gaging stations in the Peace and Myakka River basins, Charlotte Harbor and Coastal area.

02293332 CHARLOTTE HARBOR AT PORT BOCA GRANDE, FL.

LOCATION.--Lat 26° 43'12", long 82° 15'30" (1927 North American datum), in SE$^{1}/_{4}$ sec.26, T.43 S., R.20 E., Lee County, Hydrologic Unit 03100103, on fishing pier on southeast shore of Gasparilla Island, 0.2 mi north of Boca Grande Pass.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1996 to September 2005 (gage heights only), incomplete; October 2003 to September 2005 (tidal high-high and low-low only) discontinued. Records of gage heights prior to October 1996 are available in files of the Geological Survey.

REVISIONS.--WRD FL-98-3A: 1997. Gage height data published in WRD FL-98-3A on page 49 as October 1996 to September 1997 are incorrectly titled. The title should be gage height, water year October 1997 to September 1998.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (U.S. Army Corps of Engineers bench mark).

REMARKS.--Interruptions in record were due to days in which a tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low. The extremes for periods published previously as maximum and minimum gage heights are equivalent to tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 4.26 ft, Aug. 13, 2004; minimum, 1.71 ft below NGVD, Mar. 5, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 2.91 ft, July 10; minimum, 1.33 ft below NGVD, Dec. 12.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	1.81	0.10	2.08	0.27	1.63	-0.55	0.94	-0.36	1.57	0.36	0.72	-0.48
2	1.64	-0.09	1.97	0.34	1.27	-0.29	1.07	-0.02	1.54	0.11	0.81	-0.25
3	1.52	-0.01	1.85	0.17	1.04	-0.52	1.04	-0.09	2.00	-0.32	1.07	-0.87
4	1.70	0.27	1.65	0.27	0.97	-0.34	1.17	-0.05	1.37	-0.26	1.03	-1.24
5	1.55	0.22	1.92	-0.08	0.84	-0.30	1.43	-0.22	1.74	-0.96	1.07	-1.09
6	1.52	0.17	0.97	-0.20	1.11	0.25	1.60	-0.53	2.41	-0.93	1.36	-1.09
7	1.18	-0.09	1.32	0.20	1.39	-0.08	1.63	-0.71	2.46	-0.64	1.85	-0.83
8	1.40	0.33	1.11	0.19	1.26	-0.17	1.67	-0.94	1.49	-0.17	1.29	-0.17
9	1.74	0.62	1.27	0.14	1.82	-0.68	1.57	-1.29	2.57	-0.15	1.10	-0.78
10	1.84	0.75	1.63	-0.21	2.02	-0.51	---	-1.26	2.48	0.20	0.42	-0.86
11	2.13	0.87	2.27	-0.11	1.44	-0.67	1.84	-0.98	1.39	-0.63	1.36	-0.28
12	1.75	0.69	2.60	0.10	---	-1.33	2.05	-0.66	1.03	-0.18	0.96	-0.51
13	1.67	0.57	1.26	-0.15	1.58	-1.25	1.95	-0.11	1.76	0.49	1.18	-0.43
14	1.70	0.13	2.09	-0.73	1.72	-1.11	1.86	-0.19	1.59	0.26	1.02	-0.86
15	2.02	0.52	1.28	-1.11	---	-1.30	0.56	-0.64	1.44	0.83	1.15	-0.59
16	1.75	-0.31	1.81	-0.64	0.47	-1.27	0.30	-0.44	1.51	-0.16	1.71	---
17	1.75	-0.43	1.81	-0.41	0.92	-0.56	0.56	-0.90	1.59	0.03	1.49	-0.22
18	1.93	-0.28	1.59	-0.10	0.85	-0.19	0.65	-0.96	1.20	-0.46	0.73	-0.47
19	2.07	-0.07	1.48	0.15	0.90	-0.10	1.24	-1.15	1.23	-0.85	0.76	-0.83
20	1.93	-0.08	1.55	0.48	0.53	-0.51	1.65	-0.82	1.38	-0.75	0.61	-0.67
21	1.62	-0.22	1.50	0.61	1.17	-0.65	1.86	-0.13	1.39	-0.61	1.47	-0.49
22	1.31	0.01	1.81	0.37	1.75	-0.66	2.03	-0.29	0.64	-0.62	1.41	-0.12
23	1.50	0.29	2.11	0.29	1.62	-0.19	0.85	-0.02	1.31	-0.58	1.61	-0.22
24	1.57	0.63	2.50	0.37	1.21	-0.71	---	-1.31	1.60	-0.22	0.89	-0.15
25	1.60	0.48	1.50	0.48	---	-1.12	1.38	-0.76	1.44	-0.25	1.17	-0.08
26	1.63	0.20	1.63	-0.69	2.35	-0.66	1.71	-0.17	1.36	-0.20	1.32	-0.01
27	1.76	-0.08	2.57	-0.48	0.55	-1.29	1.77	-0.37	2.00	0.35	1.70	-0.06
28	1.26	-0.03	---	-0.29	-0.13	-1.27	1.67	-0.24	1.49	-0.13	1.61	-0.53
29	1.87	-0.06	1.33	-0.74	0.87	-0.94	1.12	-0.31	---	---	1.13	-0.71
30	1.96	0.04	1.41	-0.63	1.02	-0.91	1.67	0.55	---	---	1.39	-0.70
31	2.06	0.12	---	---	1.20	-0.48	1.38	0.18	---	---	1.75	-0.54
MAX	2.13	0.87	---	0.61	---	0.25	---	0.55	2.57	0.83	1.85	---
MIN	1.18	-0.43	---	-1.11	---	-1.33	---	-1.31	0.64	-0.96	0.42	---

02293332 CHARLOTTE HARBOR AT PORT BOCA GRANDE, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	1.75		---		1.55		-0.41		1.52		0.16		1.52		-0.27		1.71		-0.24		1.88		-0.14	
2	1.19		-0.33		1.22		-0.11		1.56		-0.11		1.61		-0.35		1.74		-0.34		1.93		0.16	
3	0.86		-1.25		1.37		-0.23		1.85		-0.03		1.74		-0.35		1.73		-0.44		1.74		0.26	
4	1.27		-1.08		1.50		0.21		1.68		-0.40		1.07		-0.47		1.54		-0.45		1.65		0.46	
5	1.57		-0.57		1.59		0.21		1.87		-0.49		1.86		-0.34		1.69		-0.35		1.56		0.41	
6	1.60		-0.15		1.28		-0.57		1.77		-0.52		2.05		-0.15		1.48		-0.81		1.39		0.45	
7	1.53		0.13		1.21		-0.69		1.69		-0.69		1.86		-0.15		1.38		-0.32		1.47		0.47	
8	1.84		-0.09		1.86		-0.42		1.75		-0.45		2.00		-0.33		1.32		-0.01		1.54		0.35	
9	1.37		-0.47		1.82		-0.52		1.83		-0.37		2.15		1.14		1.07		0.21		1.62		0.23	
10	1.40		-0.56		1.93		-0.49		1.84		0.42		2.91		0.92		1.17		0.39		1.68		0.12	
11	1.85		-0.17		1.68		-0.58		1.90		0.44		1.57		0.01		1.27		0.19		1.70		-0.02	
12	1.98		0.01		1.78		-0.44		1.41		-0.06		1.36		0.34		1.44		0.11		1.83		0.05	
13	1.40		-0.36		1.63		-0.43		1.31		0.25		1.16		0.51		1.54		-0.02		2.28		-0.01	
14	1.67		-0.30		1.64		0.00		1.27		---		1.29		0.46		1.73		-0.22		2.35		0.15	
15	0.92		---		1.37		---		1.25		0.43		1.50		0.31		1.81		-0.44		---		---	
16	0.82		-0.94		1.25		-0.01		1.29		0.34		1.65		0.15		1.89		-0.49		---		---	
17	0.88		-1.16		1.09		0.01		1.45		0.19		1.65		-0.38		2.03		-0.48		---		---	
18	1.00		-0.84		1.10		0.05		1.67		-0.22		1.89		-0.35		2.34		-0.37		---		---	
19	1.23		-0.31		1.21		0.07		1.62		-0.47		2.03		-0.47		2.28		-0.12		---		---	
20	1.39		-0.11		1.49		0.17		1.86		-0.54		2.06		-0.43		2.18		-0.02		---		---	
21	1.41		0.34		1.77		-0.26		1.80		-0.73		2.12		-0.56		1.96		0.22		---		---	
22	1.50		0.21		1.66		-0.53		2.02		-0.90		2.10		-0.34		1.69		0.45		---		---	
23	1.70		0.19		1.75		-0.76		2.11		-0.79		1.62		-0.47		1.62		0.46		---		---	
24	1.27		-0.55		2.03		-0.76		1.86		-0.64		1.56		-0.22		1.80		0.39		---		---	
25	1.57		-0.73		2.17		-0.61		1.92		-0.22		1.33		0.30		1.56		-0.06		---		---	
26	2.16		-0.44		2.07		-0.64		1.70		0.06		1.21		0.38		0.51		-0.89		---		---	
27	2.07		-0.74		1.95		-0.70		1.30		0.87		1.29		0.15		2.48		1.72		---		---	
28	1.29		-0.70		1.73		-0.42		1.21		-0.03		1.27		-0.15		2.33		0.73		---		---	
29	1.80		---		1.41		0.94		1.43		0.31		1.39		-0.21		2.19		0.35		---		---	
30	2.09		-0.39		1.51		-0.19		1.41		0.08		1.40		-0.47		2.15		0.24		---		---	
31	---		---		1.72		0.33		---		---		1.60		-0.30		1.82		0.01		---		---	
MAX	2.16		---		2.17		---		2.11		---		2.91		1.14		2.48		1.72		---		---	
MIN	0.82		---		1.09		---		1.21		---		1.07		-0.56		0.51		-0.89		---		---	

02293987 PEACE CREEK DRAINAGE CANAL NEAR WAHNETA, FL.

LOCATION.--Lat 27° 55'28", long 81° 43'37" (1927 North American datum), in SE$^{1}/_{4}$ sec.29, T.29 S., R.26 E., Polk County, Hydrologic Unit 03100101, on State Highway 665, 0.5 mi north of State Highway 60, 1.9 mi south of Wahneta, 3.5 mi north of Alturas, and 113 mi upstream from mouth of Peace River at Charlotte Harbour.

DRAINAGE AREA.--162 mi^2.

PERIOD OF RECORD.--March 1991 to current year.

GAGE.--Water-stage recorder. Datum of gage is 62.00 ft above National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark). Prior to May 10, 1995, at present site at same datum; May 10, 1995 to Aug. 26, 2004, 75 ft downstream at same datum.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Maximum discharge, 903 cfs, Oct. 1, gage height, 44.90 ft, occurred on recession following peak of Sept. 26, 2004; maximum independent peak discharge, 699 cfs, July 2, gage height, 43.60 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	892	e485	249	95	135	160	171	86	141	690	260	315
2	879	e475	242	88	133	147	172	86	157	693	277	340
3	858	e466	235	82	132	136	181	79	171	693	312	357
4	835	e458	228	103	130	146	174	95	205	687	336	342
5	808	e448	222	208	130	153	164	101	339	670	361	320
6	779	e439	214	254	130	157	146	147	390	649	394	303
7	759	e430	204	262	130	158	125	150	394	628	439	297
8	742	e420	193	251	129	154	117	129	466	607	514	296
9	721	e411	179	231	128	157	107	110	474	596	552	286
10	699	e403	172	217	127	167	97	97	494	595	557	270
11	681	e393	165	224	128	165	90	92	542	583	555	256
12	667	e384	154	257	128	160	82	112	591	571	561	234
13	651	e374	145	117	121	154	81	101	611	558	593	217
14	636	e362	138	134	102	150	82	91	589	534	610	199
15	e627	e354	128	188	86	152	76	89	549	515	614	185
16	e622	e344	115	181	75	155	69	86	526	502	614	176
17	e616	e335	102	176	64	239	62	81	494	486	604	166
18	e609	e326	90	170	54	319	58	77	462	468	581	156
19	e602	313	81	170	36	314	56	72	429	452	554	145
20	e595	307	75	164	41	289	53	69	409	450	525	138
21	e585	298	71	157	41	277	71	66	398	440	494	132
22	e577	291	67	153	41	302	68	72	446	412	467	128
23	e567	284	62	151	39	298	63	75	651	372	441	124
24	e559	279	57	150	38	283	83	75	650	339	406	116
25	e550	287	70	147	38	264	69	75	631	347	366	110
26	e540	280	123	145	40	251	60	78	604	349	341	104
27	e531	275	124	143	74	236	116	78	579	336	331	100
28	e522	269	121	142	162	225	128	82	624	314	336	101
29	e512	261	117	142	---	218	106	79	670	287	339	132
30	e502	255	111	140	---	198	88	76	681	269	332	126
31	e494	---	104	138	---	182	---	92	---	266	314	---
TOTAL	20,217	10,706	4,358	5,180	2,612	6,366	3,015	2,798	14,367	15,358	13,980	6,171
MEAN	652	357	141	167	93.3	205	100	90.3	479	495	451	206
MAX	892	485	249	262	162	319	181	150	681	693	614	357
MIN	494	255	57	82	36	136	53	66	141	266	260	100

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2005, BY WATER YEAR (WY)

MEAN	162	83.5	90.9	123	85.3	95.6	63.7	18.7	76.5	115	184	243
MAX	652	357	392	443	556	572	232	90.3	479	495	451	798
(WY)	(2005)	(2005)	(2003)	(1998)	(1998)	(1998)	(1998)	(2005)	(2005)	(2005)	(2005)	(2004)
MIN	24.1	5.32	5.98	5.63	4.92	7.28	3.86	1.87	2.02	13.7	18.6	39.8
(WY)	(2001)	(2001)	(2001)	(2001)	(2001)	(2000)	(1999)	(2000)	(2001)	(2001)	(1998)	(1999)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1992 - 2005	
ANNUAL TOTAL	73,483.5		105,128			
ANNUAL MEAN	201		288		112	
HIGHEST ANNUAL MEAN					288	2005
LOWEST ANNUAL MEAN					37.1	2000
HIGHEST DAILY MEAN	977	Sep 10	892	Oct 1	977	Sep 10, 2004
LOWEST DAILY MEAN	3.3	Jun 3	36	Feb 19	0.21	May 25, 2001
ANNUAL SEVEN-DAY MINIMUM	4.5	May 30	39	Feb 19	0.31	May 15, 2001
MAXIMUM PEAK FLOW			699	Jul 2	1,020	Sep 9, 2004
MAXIMUM PEAK STAGE			43.60	Jul 2	45.34	Sep 9, 2004
10 PERCENT EXCEEDS	667		605		364	
50 PERCENT EXCEEDS	47		224		41	
90 PERCENT EXCEEDS	14		76		6.2	

e Estimated

02294161 PEACE CREEK NEAR BARTOW, FL.

LOCATION.--Lat 27°55'28", long 81°47'44" (1983 North American datum), in SE$^{1}/_{4}$ sec.27, T.29 S., R.25 E., Polk County, Hydrologic Unit 03100101, on downstream side of Gandy Bridge on Highway 91 Mine Road, 1 mi north of the intersection of Highway 60, and 1.2 mi northwest of Connersville.

DRAINAGE AREA.--204.8 mi^2.

PERIOD OF RECORD.--July to September 2005.

GAGE.--Water-stage recorder. Datum of gage is at National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair except those for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	378	380
2	---	---	---	---	---	---	---	---	---	---	374	390
3	---	---	---	---	---	---	---	---	---	---	384	420
4	---	---	---	---	---	---	---	---	---	---	398	428
5	---	---	---	---	---	---	---	---	---	---	415	419
6	---	---	---	---	---	---	---	---	---	---	441	406
7	---	---	---	---	---	---	---	---	---	---	478	396
8	---	---	---	---	---	---	---	---	---	808	528	387
9	---	---	---	---	---	---	---	---	---	793	581	379
10	---	---	---	---	---	---	---	---	---	779	618	367
11	---	---	---	---	---	---	---	---	---	762	638	355
12	---	---	---	---	---	---	---	---	---	750	651	331
13	---	---	---	---	---	---	---	---	---	736	670	299
14	---	---	---	---	---	---	---	---	---	724	686	274
15	---	---	---	---	---	---	---	---	---	715	697	254
16	---	---	---	---	---	---	---	---	---	718	702	241
17	---	---	---	---	---	---	---	---	---	693	699	e219
18	---	---	---	---	---	---	---	---	---	665	687	e195
19	---	---	---	---	---	---	---	---	---	636	666	e180
20	---	---	---	---	---	---	---	---	---	619	636	e169
21	---	---	---	---	---	---	---	---	---	602	606	e156
22	---	---	---	---	---	---	---	---	---	581	577	e144
23	---	---	---	---	---	---	---	---	---	551	545	e134
24	---	---	---	---	---	---	---	---	---	519	512	e128
25	---	---	---	---	---	---	---	---	---	498	470	e120
26	---	---	---	---	---	---	---	---	---	469	446	e115
27	---	---	---	---	---	---	---	---	---	464	426	108
28	---	---	---	---	---	---	---	---	---	454	417	102
29	---	---	---	---	---	---	---	---	---	430	411	124
30	---	---	---	---	---	---	---	---	---	404	402	146
31	---	---	---	---	---	---	---	---	---	391	389	---
TOTAL	---	---	---	---	---	---	---	---	---	---	16,528	7,766
MEAN	---	---	---	---	---	---	---	---	---	---	533	259
MAX	---	---	---	---	---	---	---	---	---	---	702	428
MIN	---	---	---	---	---	---	---	---	---	---	374	102
MED	---	---	---	---	---	---	---	---	---	---	528	248
AC-FT	---	---	---	---	---	---	---	---	---	---	32,780	15,400
CFSM	---	---	---	---	---	---	---	---	---	---	2.60	1.26
IN.	---	---	---	---	---	---	---	---	---	---	3.00	1.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2005 - 2005, BY WATER YEAR (WY)

MEAN	---	---	---	---	---	---	---	---	---	---	533	259
MAX	---	---	---	---	---	---	---	---	---	---	533	259
(WY)	---	---	---	---	---	---	---	---	---	---	(2005)	(2005)
MIN	---	---	---	---	---	---	---	---	---	---	533	259
(WY)	---	---	---	---	---	---	---	---	---	---	(2005)	(2005)

e Estimated

02294161 PEACE CREEK NEAR BARTOW, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	97.48	97.49
2	---	---	---	---	---	---	---	---	---	---	97.45	97.55
3	---	---	---	---	---	---	---	---	---	---	97.51	97.74
4	---	---	---	---	---	---	---	---	---	---	97.61	97.79
5	---	---	---	---	---	---	---	---	---	---	97.71	97.74
6	---	---	---	---	---	---	---	---	---	---	97.87	97.66
7	---	---	---	---	---	---	---	---	---	---	98.09	97.60
8	---	---	---	---	---	---	---	---	---	99.63	98.36	97.53
9	---	---	---	---	---	---	---	---	---	99.57	98.63	97.48
10	---	---	---	---	---	---	---	---	---	99.52	98.81	97.40
11	---	---	---	---	---	---	---	---	---	99.45	98.90	97.32
12	---	---	---	---	---	---	---	---	---	99.39	98.96	97.16
13	---	---	---	---	---	---	---	---	---	99.34	99.05	96.93
14	---	---	---	---	---	---	---	---	---	99.28	99.12	96.74
15	---	---	---	---	---	---	---	---	---	99.25	99.17	96.59
16	---	---	---	---	---	---	---	---	---	99.26	99.19	96.48
17	---	---	---	---	---	---	---	---	---	99.15	99.18	---
18	---	---	---	---	---	---	---	---	---	99.03	99.12	---
19	---	---	---	---	---	---	---	---	---	98.90	99.03	---
20	---	---	---	---	---	---	---	---	---	98.81	98.90	---
21	---	---	---	---	---	---	---	---	---	98.73	98.75	---
22	---	---	---	---	---	---	---	---	---	98.63	98.61	---
23	---	---	---	---	---	---	---	---	---	98.48	98.45	---
24	---	---	---	---	---	---	---	---	---	98.31	98.27	---
25	---	---	---	---	---	---	---	---	---	98.19	98.04	---
26	---	---	---	---	---	---	---	---	---	98.04	97.90	---
27	---	---	---	---	---	---	---	---	---	98.00	97.78	95.18
28	---	---	---	---	---	---	---	---	---	97.95	97.73	95.12
29	---	---	---	---	---	---	---	---	---	97.80	97.69	95.34
30	---	---	---	---	---	---	---	---	---	97.65	97.63	95.56
31	---	---	---	---	---	---	---	---	---	97.56	97.55	---
MEAN	---	---	---	---	---	---	---	---	---	---	98.34	---
MAX	---	---	---	---	---	---	---	---	---	---	99.19	---
MIN	---	---	---	---	---	---	---	---	---	---	97.45	---

02294217 SADDLE CREEK AT STATE HIGHWAY 542 NEAR LAKELAND, FL.

LOCATION.--Lat 28° 02'38", long 81° 52'35" (1927 North American datum), in SE$^{1}/_{4}$ sec.14, T.28 S., R.24 E., Polk County, Hydrologic Unit 03100101, near center of span on downstream side of bridge on State Highway 542, 3.7 mi upstream from Lake Hancock, 5.2 mi west of Lakeland, and 11.0 mi upstream from mouth.

DRAINAGE AREA.--53 mi^2, approximately.

PERIOD OF RECORD.--April 1987 to September 1988; August 1996 to current year. Records of discharge prior to October 1996 are available in files of the Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 90.00 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair. Maximum discharge, 545 cfs Oct. 1, stage falling, peak occurred Sept. 27, 2004; maximum peak discharge 296 cfs, July 11, gage height, 15.66 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	524	80	20	13	18	50	35	14	8.8	215	139	74
2	488	77	19	13	17	47	34	14	10	225	135	67
3	455	73	19	12	16	47	30	13	11	222	126	61
4	436	67	18	12	16	49	27	12	13	241	117	54
5	457	63	18	12	15	50	24	12	20	203	191	47
6	423	59	18	12	15	48	22	13	19	166	178	44
7	394	55	17	12	14	46	21	12	17	142	160	41
8	368	50	17	12	14	45	20	11	16	133	204	39
9	346	46	16	13	13	46	19	11	21	189	207	36
10	325	44	16	13	13	49	18	10	38	260	187	34
11	313	40	16	12	13	47	17	10	49	293	161	32
12	309	38	15	12	12	46	16	14	59	276	147	30
13	300	36	15	11	12	48	17	13	67	255	182	28
14	289	34	15	34	12	47	16	12	71	236	181	27
15	279	32	14	43	12	46	15	11	72	215	163	26
16	268	30	13	35	15	46	14	12	75	198	146	25
17	255	29	13	32	17	65	13	12	76	182	133	24
18	242	28	13	29	20	82	12	12	76	171	123	23
19	231	27	13	28	22	79	11	11	74	155	113	22
20	222	26	12	26	25	72	11	10	72	145	95	22
21	212	25	12	26	26	68	10	10	67	146	77	22
22	202	24	11	25	27	68	9.7	9.4	62	139	66	22
23	192	23	11	24	27	66	9.5	8.8	77	131	57	21
24	182	22	11	22	27	66	10	8.4	106	128	53	21
25	174	24	14	21	30	62	9.3	8.0	97	196	55	20
26	164	22	16	21	35	59	9.3	7.3	82	207	57	19
27	142	22	15	20	47	56	19	6.8	75	184	63	18
28	122	22	14	20	54	55	15	6.3	75	159	65	18
29	105	21	14	19	---	51	14	5.9	98	144	62	17
30	92	20	14	20	---	47	13	5.5	141	136	57	16
31	84	---	13	19	---	41	---	6.1	---	135	61	---
TOTAL	8,595	1,159	462	623	584	1,694	510.8	321.5	1,744.8	5,827	3,761	950
MEAN	277	38.6	14.9	20.1	20.9	54.6	17.0	10.4	58.2	188	121	31.7
MAX	524	80	20	43	54	82	35	14	141	293	207	74
MIN	84	20	11	11	12	41	9.3	5.5	8.8	128	53	16
AC-FT	17,050	2,300	916	1,240	1,160	3,360	1,010	638	3,460	11,560	7,460	1,880
CFSM	5.23	0.73	0.28	0.38	0.39	1.03	0.32	0.20	1.10	3.55	2.29	0.60
IN.	6.03	0.81	0.32	0.44	0.41	1.19	0.36	0.23	1.22	4.09	2.64	0.67

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2005, BY WATER YEAR (WY)

MEAN	60.0	24.5	56.1	48.0	33.3	54.6	14.5	3.65	20.6	44.5	81.8	110
MAX	277	97.6	286	230	208	253	65.4	10.4	74.2	188	191	482
(WY)	(2005)	(1998)	(1998)	(2003)	(1998)	(1998)	(1998)	(2005)	(2003)	(2005)	(2003)	(2004)
MIN	0.99	0.02	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.10	4.18	11.6
(WY)	(2001)	(2001)	(2001)	(2001)	(2001)	(2000)	(2000)	(2000)	(2000)	(2000)	(1998)	(1999)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1988 - 2005	
ANNUAL TOTAL	34,105.38		26,232.1			
ANNUAL MEAN	93.2		71.9		46.7	
HIGHEST ANNUAL MEAN					104	1998
LOWEST ANNUAL MEAN					5.50	2000
HIGHEST DAILY MEAN	780	Sep 27	524	Oct 1	780	Sep 27, 2004
LOWEST DAILY MEAN	0.01	Jun 1	5.5	May 30	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.07	May 28	6.6	May 25	0.00	Apr 13, 1999
MAXIMUM PEAK FLOW			296	Jul 11	795	Sep 6, 2004
MAXIMUM PEAK STAGE			15.66	Jul 11	*17.33	Sep 6, 2004
ANNUAL RUNOFF (AC-FT)	67,650		52,030		33,830	
ANNUAL RUNOFF (CFSM)	1.76		1.36		0.881	
ANNUAL RUNOFF (INCHES)	23.94		18.41		11.97	
10 PERCENT EXCEEDS	309		200		153	
50 PERCENT EXCEEDS	22		30		10	
90 PERCENT EXCEEDS	3.0		12		0.00	

* From high water mark

02294217 SADDLE CREEK AT STATE HIGHWAY 542 NEAR LAKELAND, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--August 1996 to current year (discontinued).

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15--minute interval, mounted on 2-inch diameter aluminum pipe, with the top of funnel 20 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2001 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	1.03	0.21	0.01	0.01
2	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.46	0.00	0.00	0.17
3	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.28	1.11	0.00	0.00
4	2.66	0.00	0.00	0.00	0.02	0.02	0.00	0.06	1.02	0.00	2.12	0.02
5	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.63	0.00	0.00	0.01	0.02
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
7	0.00	0.00	0.00	0.02	0.00	0.00	0.44	0.00	0.09	0.00	1.16	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	1.69	0.02	0.00
9	0.00	0.17	0.00	0.00	0.00	0.58	0.00	0.00	1.48	0.91	0.09	0.02
10	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.62	0.00	0.00
11	0.39	0.00	0.00	0.00	0.00	0.00	0.00	1.40	0.31	0.01	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	1.13	0.00
13	0.00	0.00	0.01	0.06	0.00	0.00	0.66	0.00	0.00	0.01	0.08	0.00
14	0.00	0.01	0.00	3.19	0.00	0.33	0.00	0.00	0.00	0.00	0.02	0.00
15	0.25	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.04	0.00	0.00
16	0.00	0.04	0.00	0.01	0.00	0.87	0.00	0.07	0.00	0.00	0.00	0.00
17	0.00	0.00	0.01	0.00	0.00	1.57	0.00	0.04	0.03	0.42	0.00	0.00
18	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.06	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00
20	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.30	0.00	0.26
21	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.06	0.03	0.35
22	0.00	0.00	0.00	0.04	0.00	0.02	0.00	0.00	1.64	0.00	0.01	0.04
23	0.00	0.00	0.01	0.01	0.01	0.18	0.76	0.00	2.44	0.00	0.00	0.01
24	0.00	0.42	0.01	0.00	0.00	0.00	0.00	0.00	0.00	1.89	0.02	0.00
25	0.00	0.07	1.56	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.01	0.00
26	0.00	0.00	0.01	0.00	0.05	0.00	1.77	0.00	0.00	0.00	0.01	0.00
27	0.00	0.17	0.00	0.00	1.53	0.00	0.20	0.00	0.11	0.00	0.01	0.01
28	0.00	0.01	0.00	0.07	0.00	0.00	0.00	0.00	1.15	0.00	0.01	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.45	0.16	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.01	1.63	0.41	0.01	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.36	---	0.29	0.00	---
TOTAL	3.32	0.95	1.62	3.40	1.69	4.14	4.39	3.27	13.28	8.13	4.81	1.00

WTR YR 2005 TOTAL 50.00

02294260 LAKE PARKER OUTLET AT LAKELAND, FL.

LOCATION.--Lat 28°03'34", long 81°54'52" (1927 North American datum), in SE$^{1}/_{4}$ sec.9, T.25 S., R.24 E., Polk County, Hydrologic Unit 03100101, at Lake Parker Outlet, 0.9 mi northeast of old Lakeland power plant, and 2.8 mi northeast of Lakeland.

DRAINAGE AREA.--Undetermined.

PERIOD OF RECORD.--Water years 1956-59, 1967, 1969, 1997-99 (miscellaneous discharge measurements only); December 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is 126.37 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair. Maximum discharge, 258 cfs, Oct. 1, stage falling, peak occurred Sept. 28, 2004; maximum peak discharge, 105 cfs, Aug. 7, maximum peak gage height, 3.60 ft June 11.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	248	1.2	0.00	0.00	0.00	46	0.00	0.00	0.00	93	62	0.00
2	227	1.1	0.00	0.00	0.00	43	0.00	0.00	0.00	90	59	0.00
3	205	0.00	0.00	0.00	0.00	41	0.00	0.00	0.00	82	55	0.00
4	185	0.16	0.00	0.00	0.00	41	0.00	0.00	0.00	75	56	0.00
5	172	0.66	0.00	0.00	0.00	40	0.00	0.00	0.00	68	71	0.00
6	153	0.67	0.00	0.00	0.00	38	0.00	0.00	0.00	62	65	0.00
7	137	0.82	0.00	0.00	0.00	37	0.00	0.00	0.00	57	67	0.00
8	132	0.39	0.00	0.00	0.00	36	0.00	0.00	0.00	58	72	0.00
9	125	0.00	0.00	0.00	0.00	35	0.00	0.00	8.8	76	68	0.00
10	120	0.00	0.00	0.00	0.00	35	0.00	0.00	46	79	64	0.00
11	118	0.00	0.00	0.00	0.00	34	0.00	0.00	80	83	60	0.00
12	115	0.00	0.00	0.00	0.00	32	0.00	0.00	96	84	59	0.00
13	111	0.00	0.00	0.00	0.00	31	0.00	0.00	88	94	66	0.00
14	107	0.00	0.00	0.00	9.9	30	0.00	0.00	80	92	64	0.00
15	104	0.00	0.00	0.00	33	30	0.00	0.00	74	90	60	0.00
16	102	0.00	0.00	0.00	32	30	0.00	0.00	69	84	55	0.00
17	99	0.00	0.00	0.00	32	34	0.00	0.00	63	79	51	0.00
18	96	0.00	0.00	0.00	30	33	0.00	0.00	55	72	48	0.00
19	94	0.00	0.00	0.00	29	30	0.00	0.00	49	66	31	0.00
20	92	0.00	0.00	0.00	28	29	0.00	0.00	25	62	0.00	0.00
21	88	0.00	0.00	0.00	28	26	0.00	0.00	0.01	63	0.00	0.00
22	83	0.00	0.00	0.00	28	28	0.00	0.00	0.00	64	0.00	0.00
23	78	0.00	0.00	0.00	28	33	0.00	0.00	7.4	59	0.00	0.00
24	73	0.00	0.00	0.00	38	32	0.00	0.00	24	62	0.00	0.00
25	69	0.00	0.00	0.00	47	30	0.00	0.00	20	82	0.00	0.00
26	25	0.00	0.00	0.00	45	29	0.00	0.00	20	77	0.00	0.00
27	0.51	0.00	0.00	0.00	47	28	0.00	0.00	33	71	0.00	0.00
28	0.40	0.00	0.00	0.00	48	28	0.00	0.00	66	66	0.00	0.00
29	0.22	0.00	0.00	0.00	---	25	0.00	0.00	85	62	0.00	0.00
30	0.91	0.00	0.00	0.00	---	12	0.00	0.00	94	59	0.00	0.00
31	1.0	---	0.00	0.00	---	0.00	---	0.00	---	62	0.00	---
TOTAL	3,161.04	5.00	0.00	0.00	502.90	976.00	0.00	0.00	1,083.21	2,273	1,133.00	0.00
MEAN	102	0.17	0.00	0.00	18.0	31.5	0.00	0.00	36.1	73.3	36.5	0.00
MAX	248	1.2	0.00	0.00	48	46	0.00	0.00	96	94	72	0.00
MIN	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57	0.00	0.00
AC-FT	6,270	9.9	0.00	0.00	998	1,940	0.00	0.00	2,150	4,510	2,250	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2005, BY WATER YEAR (WY)

MEAN	22.5	1.35	18.2	11.1	5.64	16.6	0.18	2.49	16.4	25.2	48.0	47.2
MAX	102	6.60	91.2	55.5	18.0	38.1	0.88	12.4	45.5	73.3	93.4	184
(WY)	(2005)	(2003)	(2003)	(2003)	(2005)	(2003)	(2003)	(2003)	(2003)	(2005)	(2004)	(2004)
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(WY)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2001 - 2005	
ANNUAL TOTAL	13,366.96		9,134.15			
ANNUAL MEAN	36.5		25.0		18.0	
HIGHEST ANNUAL MEAN					29.5	2003
LOWEST ANNUAL MEAN					0.78	2001
HIGHEST DAILY MEAN	281	Sep 29	248	Oct 1	281	Sep 29, 2004
LOWEST DAILY MEAN	0.00	Many days	0.00	Many days	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.00	Jan 1	0.00	Nov 9	0.00	Oct 1, 2000
MAXIMUM PEAK FLOW			105	Aug 7	282	Sep 28, 2004
MAXIMUM PEAK STAGE			3.60	Jun 11	5.94	Sep 28, 2004
ANNUAL RUNOFF (AC-FT)	26,510		18,120		13,050	
10 PERCENT EXCEEDS	134		81		77	
50 PERCENT EXCEEDS	0.23		0.00		0.00	
90 PERCENT EXCEEDS	0.00		0.00		0.00	

02294260 LAKE PARKER OUTLET AT LAKELAND, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--November 1999 to current year (discontinued).

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15-minute interval, mounted on gage house with the top of funnel 5 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2001 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	1.03	0.27	0.00	0.00
2	0.00	0.00	0.02	0.00	0.00	0.00	0.63	0.00	0.58	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.32	0.09	0.00	0.00
4	0.47	0.00	0.00	0.00	0.02	0.02	0.00	0.12	0.80	0.00	0.39	0.00
5	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.22	0.01	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.11	0.00	0.00	0.68	0.00	1.93	0.00	0.10	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.11	1.78	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.80	0.00	0.00	1.01	0.85	0.00	0.00
10	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.34	0.29	0.00	0.00
11	0.45	0.00	0.00	0.00	0.00	0.00	0.00	2.50	0.27	0.00	0.00	0.00
12	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.49	0.01	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	1.18	0.00	0.00	0.01	0.00	0.00
14	0.00	0.00	0.00	2.33	0.00	0.51	0.00	0.00	0.00	0.00	0.00	0.00
15	0.12	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.03	0.02	0.00	0.00
16	0.00	0.00	0.00	0.00	0.05	0.79	0.00	2.26	0.00	0.03	0.00	0.00
17	0.00	0.00	0.02	0.00	0.00	1.58	0.00	0.47	0.23	0.07	0.00	0.00
18	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.06	0.56	0.00	0.02
21	0.01	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.27	0.52	0.00	0.00
22	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.00
23	0.00	0.00	0.04	0.03	0.03	0.23	0.72	0.00	2.56	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00
25	0.00	0.00	1.54	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.01	0.00
26	0.00	0.00	0.00	0.00	0.08	0.00	2.07	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	1.58	0.00	0.20	0.00	0.22	0.00	0.00	0.01
28	0.00	0.00	0.00	0.08	0.00	0.10	0.00	0.00	0.82	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.76	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.01	0.44	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.98	---	0.00	0.00	---
TOTAL	1.06	0.10	1.80	2.60	1.96	4.75	5.48	7.50	16.17	5.14	0.51	0.03

WTR YR 2005 TOTAL 47.10

02294491 SADDLE CREEK AT STRUCTURE P-11 NEAR BARTOW, FL.

LOCATION.--Lat 27°56'17", long 81°51'05" (1927 North American datum), in SW$^{1}/_{4}$ sec.19, T.29 S., R.25 E., Polk County, Hydrologic Unit 03100101, near right bank, 65 ft downstream from structure P-11, 0.7 mi south of Lake Hancock, 2.3 mi upstream from mouth, and 3.0 mi north of post office in Bartow.

DRAINAGE AREA.--135 mi^2.

PERIOD OF RECORD.--December 1963 to current year.

GAGE.--Water-stage recorder. Datum of gage is 84.08 ft above National Geodetic Vertical Datum of 1929 (Southwest Florida Water Management District reference mark).

REMARKS.--Records fair. Maximum discharge, 1,340 cfs, Oct. 1, stage falling, peak occurred Sept. 26, 2004; maximum peak discharge, 616 cfs, July 5, gage height, 14.33 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,310	180	18	1.0	2.1	149	74	52	2.3	396	402	137
2	1,260	175	16	0.83	1.8	203	70	46	3.7	421	396	132
3	1,200	171	15	0.62	1.5	203	67	43	5.5	447	358	138
4	1,140	167	13	0.47	1.2	203	66	45	7.3	471	285	142
5	1,090	164	12	3.4	1.1	200	63	124	12	560	287	140
6	1,040	164	11	5.7	1.0	198	58	200	21	604	287	151
7	993	157	10	5.4	0.96	130	49	207	30	585	301	189
8	929	117	8.9	5.2	0.92	41	61	203	33	522	284	187
9	877	81	7.8	5.1	0.86	39	73	133	55	466	233	183
10	827	76	6.9	4.9	0.75	39	68	72	89	463	245	180
11	789	71	5.9	4.8	0.71	40	62	65	111	460	251	174
12	757	66	4.8	4.3	0.74	39	55	63	116	459	259	109
13	718	61	3.9	4.2	0.84	37	51	54	102	459	262	49
14	683	57	2.9	16	0.58	36	41	24	58	480	266	40
15	648	53	2.2	32	0.27	35	14	16	45	497	272	32
16	618	49	1.6	33	0.08	37	9.4	13	45	497	274	26
17	588	46	1.2	34	0.02	133	7.1	9.8	38	492	274	23
18	558	43	0.91	34	0.00	223	5.5	7.4	35	489	272	19
19	530	40	0.58	34	0.00	232	4.3	6.0	32	481	238	15
20	394	37	0.35	33	0.00	235	3.3	4.7	31	473	150	12
21	276	35	0.23	33	0.00	259	2.9	3.8	30	467	138	9.7
22	267	32	0.16	33	0.00	281	3.7	3.7	46	458	132	8.1
23	262	30	0.09	32	0.00	281	3.6	3.3	120	447	125	7.4
24	255	28	0.05	17	0.00	281	5.2	2.2	178	444	118	6.4
25	249	28	0.15	2.6	0.00	278	6.1	2.0	207	310	152	5.3
26	245	27	0.45	3.4	0.00	276	5.0	2.1	224	210	206	4.4
27	241	25	0.80	3.1	0.06	271	43	1.8	238	382	206	4.0
28	222	23	1.1	3.6	41	266	67	1.5	253	418	204	28
29	176	21	1.2	3.2	---	263	62	1.2	311	413	199	61
30	170	20	1.3	2.4	---	192	53	0.99	367	411	193	83
31	176	---	1.2	2.1	---	91	---	1.0	---	407	164	---
TOTAL	19,488	2,244	149.67	397.32	56.49	5,191	1,153.1	1,411.49	2,845.8	14,089	7,433	2,295.3
MEAN	629	74.8	4.83	12.8	2.02	167	38.4	45.5	94.9	454	240	76.5
MAX	1,310	180	18	34	41	281	74	207	367	604	402	189
MIN	170	20	0.05	0.47	0.00	35	2.9	0.99	2.3	210	118	4.0

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 2005, BY WATER YEAR (WY)

MEAN	82.8	32.2	41.6	63.3	59.5	69.1	45.3	16.5	37.8	80.2	124	139
MAX	629	204	505	516	444	647	265	290	270	454	693	1,093
(WY)	(2005)	(1998)	(1998)	(1998)	(1998)	(1998)	(1983)	(1979)	(2003)	(2005)	(1995)	(2004)
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(WY)	(1968)	(1968)	(1968)	(1968)	(1968)	(1968)	(1966)	(1968)	(1965)	(1967)	(1967)	(1980)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1965 - 2005	
ANNUAL TOTAL	68,328.02		56,754.17			
ANNUAL MEAN	187		155		66.0	
HIGHEST ANNUAL MEAN					234	1998
LOWEST ANNUAL MEAN					0.25	1975
HIGHEST DAILY MEAN	1,620	Sep 11	1,310	Oct 1	1,620	Sep 11, 2004
LOWEST DAILY MEAN	0.00	Many days	0.00	Many days	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.00	Jun 21	0.00	Feb 18	0.00	Apr 28, 1965
MAXIMUM PEAK FLOW			616	Jul 5	1,640	Sep 11, 2004
MAXIMUM PEAK STAGE			14.33	Jul 5	*17.63	Sep 11, 2004
10 PERCENT EXCEEDS	730		459		227	
50 PERCENT EXCEEDS	3.5		51		0.80	
90 PERCENT EXCEEDS	0.01		1.0		0.00	

*Value furnished by Southwest Florida Water Management District

02294491 SADDLE CREEK AT STRUCTURE P-11 NEAR BARTOW, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--October 1992 to current year (discontinued).

GAGE.--A 6-inch diameter, tipping bucket precipitation 15-minute interval gage, mounted on top of the gage house.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2001 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.85	0.07	0.32	0.09
2	0.00	0.00	0.00	0.00	0.00	0.00	1.05	0.00	0.42	0.12	0.11	0.15
3	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.01	0.26	0.39	0.00	0.00
4	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.03	0.79	0.00	0.80	0.00
5	0.01	0.11	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.07
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.01
7	0.00	0.00	0.00	0.02	0.00	0.00	0.40	0.00	0.14	0.00	1.20	0.02
8	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.78	0.08	0.00
9	0.00	0.20	0.00	0.00	0.00	0.55	0.00	0.00	0.06	0.75	0.74	0.00
10	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.24	0.17	0.00	0.00
11	0.01	0.00	0.01	0.00	0.00	0.00	0.00	1.17	0.33	0.24	0.44	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.36	0.02	0.00
13	0.00	0.00	0.00	0.25	0.00	0.00	0.68	0.00	0.00	0.01	0.08	0.00
14	0.00	0.00	0.00	2.39	0.00	0.48	0.00	0.00	0.00	0.00	0.01	0.00
15	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.98	0.00	0.02	0.00
16	0.00	0.01	0.00	0.00	0.00	1.63	0.00	0.00	0.01	0.64	0.00	0.00
17	0.00	0.00	0.04	0.00	0.00	1.71	0.00	0.08	0.00	0.01	0.00	0.00
18	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.06	0.00	0.19	0.03
21	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.02	0.59	0.00	0.41	0.07
22	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	1.14	0.01	0.00	0.00
23	0.00	0.00	0.00	0.00	0.02	0.21	1.17	0.00	0.01	0.00	0.36	0.00
24	0.00	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00
25	0.00	0.29	1.61	0.00	0.10	0.04	0.00	0.68	0.00	0.01	0.33	0.00
26	0.00	0.00	0.00	0.00	0.01	0.05	1.38	0.00	0.00	0.00	0.38	0.23
27	0.00	0.15	0.00	0.01	1.66	0.00	0.33	0.01	0.67	0.00	0.66	0.05
28	0.00	0.00	0.00	0.12	0.00	0.02	0.00	0.00	0.61	0.00	0.40	0.00
29	0.00	0.00	0.00	0.01	---	0.00	0.00	0.00	1.09	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.72	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.65	---	0.00	1.57	---
TOTAL	0.02	1.35	1.79	2.89	1.80	5.45	5.01	3.71	9.38	3.57	8.16	0.72

WTR YR 2005 TOTAL 43.85

02294650 PEACE RIVER AT BARTOW, FL.

LOCATION.--Lat 27° 54'07", long 81° 49'03" (1927 North American datum), in NE$^{1}/_{4}$ sec.4, T.30 S., R.25 E., Polk County, Hydrologic Unit 03100101, near center of span on upstream side of westbound bridge on State Highway 60, 500 ft downstream from McKinney Branch, 0.6 mi east of Bartow, and 105 mi upstream from mouth.

DRAINAGE AREA.--390 mi^2.

PERIOD OF RECORD.--October 1939 to current year. Monthly discharge only for some periods, published in WSP 1304. Prior to October 1950, published as Peace Creek at Bartow.

REVISED RECORDS.--WSP 1234: Drainage area. WRD FL 1970: 1969.

GAGE.--Water-stage recorder. Datum of gage is 87.56 ft above National Geodetic Vertical Datum of 1929. Prior to July 12, 1940, nonrecording gage and July 12, 1940, to Nov. 5, 1948, water-stage recorder at site 200 ft downstream; prior to May 1, 1975, at datum 3.00 ft higher.

REMARKS.--Records fair. Since 1949, records include an appreciable amount of waste water diverted from ground-water supplies into McKinney Branch by chemical plants and phosphate mines; since July 1963, considerable regulation upstream by control structure P-11 on Saddle Creek. WDR 1992 through WDR 2002 period of record gage height at present datum. Maximum discharge 3,570 cfs Oct. 1, stage falling, peak occurred Sept. 30, 2004, maximum peak discharge 1,550 cfs, July 6, gage height 8.61 ft.

REVISIONS.--The date for the period of record instantaneous peak gage height published in the 2003 water year is in error. The correct date is Sept. 13, 1960. The mean daily discharge for Aug. 10 to Sept. 30, 2004 and maximum peak flow for 2004 have been revised. Revised daily discharges are given below.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	154	66	40	48	329	291	45	34	6.4	43	118	1,100
2	154	63	38	45	328	219	40	43	6.5	80	131	1,240
3	152	61	36	44	315	142	36	48	6.0	74	209	1,250
4	148	58	34	44	171	125	34	48	2.9	49	237	1,270
5	142	56	33	50	127	111	31	48	4.1	45	244	1,410
6	136	68	32	48	116	100	28	48	5.4	40	253	1,880
7	141	73	31	45	109	91	27	46	7.5	33	298	1,960
8	199	77	31	43	102	86	26	42	9.5	37	424	2,500
9	238	79	32	42	96	81	27	36	9.9	40	453	3,240
10	236	79	32	43	90	e79	27	31	13	39	474	3,790
11	231	79	32	43	84	e70	25	28	16	39	479	4,010
12	229	78	32	43	80	e60	42	25	17	39	481	3,980
13	262	75	32	42	76	e56	44	23	23	34	539	3,840
14	317	72	43	42	73	e50	45	22	31	31	705	3,710
15	316	70	49	41	75	e46	44	21	45	29	604	3,530
16	283	67	55	40	74	68	41	20	40	27	e605	3,350
17	222	63	59	39	74	105	38	18	45	27	e570	3,250
18	208	60	61	49	72	227	34	16	49	28	e640	3,120
19	198	58	62	53	70	249	31	15	50	33	e890	2,950
20	162	56	60	58	68	249	29	14	49	77	e940	2,760
21	102	54	58	60	66	245	28	14	53	65	862	2,650
22	92	53	56	60	64	206	26	13	56	47	857	2,550
23	87	51	55	58	62	104	25	11	56	47	881	2,340
24	82	50	54	56	64	90	25	10	51	44	e990	2,260
25	77	48	53	54	154	86	24	9.4	47	41	1,080	2,220
26	72	47	52	51	296	84	22	8.6	43	39	1,100	2,680
27	68	46	50	123	331	80	22	8.1	39	37	1,120	3,040
28	65	44	49	269	340	73	22	8.4	40	43	1,170	3,360
29	70	42	48	302	344	67	21	9.0	44	59	1,140	3,560
30	68	41	51	310	---	60	22	7.9	42	93	1,110	3,590
31	68	---	48	315	---	53	---	6.9	---	101	1,080	---
TOTAL	4,979	1,834	1,398	2,560	4,250	3,653	931	732.3	907.2	1,460	20,684	82,390
MEAN	161	61.1	45.1	82.6	147	118	31.0	23.6	30.2	47.1	667	2,746
MAX	317	79	62	315	344	291	45	48	56	101	1,170	4,010
MIN	65	41	31	39	62	46	21	6.9	2.9	27	118	1,100

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2004, BY WATER YEAR (WY)

MEAN	307	140	137	182	185	225	171	83.6	147	273	387	475
MAX	1,411	597	1,114	1,217	1,217	1,536	1,107	649	1,319	1,366	1,528	2,746
(WY)	(1954)	(1954)	(1954)	(2003)	(1998)	(1998)	(1959)	(1957)	(1959)	(1959)	(1960)	(2004)
MIN	20.2	6.67	5.73	5.78	4.06	6.55	4.06	0.92	0.74	15.8	17.5	37.4
(WY)	(1991)	(2001)	(2001)	(2001)	(2001)	(2001)	(1999)	(2001)	(2001)	(2001)	(1989)	(1990)

02294650 PEACE RIVER AT BARTOW, FL.—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1940 - 2004	
ANNUAL TOTAL	149,550		125,778.5			
ANNUAL MEAN	410		344		226	
HIGHEST ANNUAL MEAN					814	1960
LOWEST ANNUAL MEAN					35.2	1985
HIGHEST DAILY MEAN	2,240	Jan 5	4,010	Sep 11	4,100	Sep 24, 1947
LOWEST DAILY MEAN	21	May 17	2.9	Jun 4	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	25	May 12	5.5	May 31	0.00	May 19, 2000
MAXIMUM PEAK FLOW			4,040	Sep 11	4,140	Sep 24, 1947
MAXIMUM PEAK STAGE			11.12	Sep 11	11.12	Sep 11, 2004
10 PERCENT EXCEEDS	930		1,080		606	
50 PERCENT EXCEEDS	247		58		102	
90 PERCENT EXCEEDS	50		23		17	

e Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.60	4.66	3.90	4.13	6.56	6.42	4.19	3.62	2.87	4.04	5.36	8.21
2	5.60	4.61	3.86	4.07	6.55	6.13	4.02	3.81	2.89	4.90	5.48	8.43
3	5.59	4.56	3.79	4.03	6.51	5.71	3.93	3.95	2.92	4.78	5.98	8.44
4	5.56	4.50	3.73	4.03	5.87	5.58	3.85	3.97	2.90	4.19	6.10	8.48
5	5.52	4.47	3.69	4.20	5.57	5.43	3.76	3.99	3.00	4.11	6.14	8.66
6	5.47	4.69	3.65	4.13	5.45	5.29	3.65	4.01	3.07	3.95	6.17	9.23
7	5.49	4.77	3.64	4.07	5.37	5.17	3.62	3.97	3.19	3.73	6.35	9.32
8	5.85	4.84	3.64	3.99	5.27	5.08	3.59	3.86	3.30	3.85	6.75	9.83
9	6.03	4.88	3.66	3.96	5.19	5.00	3.63	3.72	3.32	3.95	6.83	10.52
10	6.02	4.89	3.67	3.99	5.10	---	3.61	3.58	3.37	3.92	6.89	10.99
11	6.00	4.88	3.66	4.00	4.98	---	3.56	3.48	3.42	3.93	6.91	11.11
12	5.99	4.86	3.67	3.99	4.90	---	3.98	3.41	3.39	3.93	6.92	11.09
13	6.13	4.81	3.66	3.98	4.82	---	4.02	3.34	3.52	3.77	7.06	11.02
14	6.34	4.74	4.00	3.96	4.77	---	4.05	3.30	3.71	3.68	7.47	10.93
15	6.35	4.68	4.16	3.93	4.81	---	4.02	3.27	4.09	3.60	7.23	10.78
16	6.24	4.61	4.33	3.90	4.79	4.74	3.95	3.26	3.95	3.54	---	10.62
17	6.00	4.53	4.43	3.88	4.78	5.25	3.85	3.21	4.10	3.53	---	10.53
18	5.95	4.45	4.47	4.15	4.74	6.28	3.74	3.13	4.20	3.57	---	10.41
19	5.92	4.40	4.49	4.28	4.70	6.38	3.65	3.09	4.23	3.67	---	10.24
20	5.70	4.34	4.45	4.39	4.65	6.38	3.57	3.09	4.22	4.58	---	10.05
21	5.19	4.31	4.39	4.45	4.60	6.36	3.52	3.07	4.31	4.45	7.80	9.93
22	5.06	4.26	4.34	4.45	4.56	6.17	3.47	3.04	4.38	4.02	7.79	9.80
23	4.98	4.23	4.31	4.40	4.51	5.42	3.44	2.99	4.38	4.00	7.83	9.55
24	4.90	4.19	4.29	4.34	4.55	5.21	3.41	2.95	4.27	3.93	---	9.44
25	4.82	4.14	4.27	4.29	5.62	5.14	3.37	2.92	4.16	3.85	8.18	9.40
26	4.73	4.11	4.24	4.23	6.44	5.10	3.33	2.89	4.05	3.79	8.22	9.94
27	4.65	4.08	4.21	5.24	6.56	5.03	3.30	2.88	3.92	3.74	8.24	10.33
28	4.59	4.03	4.18	6.34	6.59	4.89	3.30	2.92	3.94	3.87	8.33	10.63
29	4.72	3.98	4.15	6.46	6.61	4.73	3.28	2.96	4.06	4.32	8.27	10.80
30	4.69	3.95	4.22	6.49	---	4.58	3.32	2.92	4.01	5.04	8.23	10.83
31	4.69	---	4.15	6.51	---	4.39	---	2.88	---	5.17	8.19	---
MEAN	5.50	4.48	4.04	4.46	5.36	---	3.67	3.34	3.70	4.05	---	9.98
MAX	6.35	4.89	4.49	6.51	6.61	---	4.19	4.01	4.38	5.17	---	11.11
MIN	4.59	3.95	3.64	3.88	4.51	---	3.28	2.88	2.87	3.53	---	8.21

02294650 PEACE RIVER AT BARTOW, FL---Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3,520	601	270	163	217	357	297	213	117	1,390	814	567
2	3,400	587	265	158	210	394	294	200	130	1,410	794	540
3	3,260	574	259	153	202	402	278	189	155	1,430	782	547
4	3,110	561	254	147	197	406	272	192	186	1,430	726	556
5	2,960	555	249	167	191	402	265	234	251	1,450	731	552
6	2,820	545	246	213	188	400	256	351	348	1,550	743	550
7	2,660	534	241	218	186	369	237	379	469	1,520	786	585
8	2,460	487	235	216	184	246	237	385	518	1,440	823	582
9	2,280	398	230	217	183	233	257	344	587	1,320	790	570
10	2,140	383	228	216	180	234	246	256	703	1,270	834	558
11	2,020	374	220	213	177	231	230	239	809	1,250	846	542
12	1,930	366	209	207	177	230	216	242	880	1,230	873	474
13	1,830	358	200	205	181	224	208	231	917	1,210	887	345
14	1,730	351	188	285	173	222	194	178	808	1,210	905	306
15	1,640	343	177	389	157	221	143	150	753	1,250	918	279
16	1,560	335	168	421	140	226	127	144	755	1,250	927	255
17	1,480	327	160	431	127	346	117	133	661	1,220	928	237
18	1,400	321	151	430	115	505	109	124	616	1,200	924	219
19	1,330	315	142	430	102	556	103	118	577	1,160	890	202
20	1,200	309	133	428	91	574	98	112	570	1,140	716	187
21	948	302	126	427	87	611	95	106	552	1,130	661	172
22	887	297	122	426	86	657	99	105	594	1,100	628	162
23	859	293	119	424	84	654	100	104	807	1,050	597	155
24	835	289	115	373	84	652	108	99	989	1,030	570	146
25	814	306	129	234	83	639	110	99	1,090	969	566	138
26	795	297	140	251	87	625	106	100	1,100	717	653	130
27	778	292	150	239	112	604	168	98	1,100	865	658	127
28	750	286	159	257	183	581	224	96	1,090	927	644	160
29	665	282	165	246	---	561	231	94	1,170	910	624	220
30	634	277	167	229	---	501	215	93	1,320	893	610	240
31	617	---	165	218	---	341	---	96	---	853	602	---
TOTAL	53,312	11,545	5,782	8,631	4,184	13,204	5,640	5,504	20,622	36,774	23,450	10,303
MEAN	1,720	385	187	278	149	426	188	178	687	1,186	756	343
MAX	3,520	601	270	431	217	657	297	385	1,320	1,550	928	585
MIN	617	277	115	147	83	221	95	93	117	717	566	127

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2005, BY WATER YEAR (WY)

MEAN	328	144	138	183	184	228	171	85.0	155	287	392	473
MAX	1,720	597	1,114	1,217	1,217	1,536	1,107	649	1,319	1,366	1,528	2,746
(WY)	(2005)	(1954)	(1954)	(2003)	(1998)	(1998)	(1959)	(1957)	(1959)	(1959)	(1960)	(2004)
MIN	20.2	6.67	5.73	5.78	4.06	6.55	4.06	0.92	0.74	15.8	17.5	37.4
(WY)	(1991)	(2001)	(2001)	(2001)	(2001)	(2001)	(1999)	(2001)	(2001)	(2001)	(1989)	(1990)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1940 - 2005	
ANNUAL TOTAL	188,206.5		198,951			
ANNUAL MEAN	514		545		231	
HIGHEST ANNUAL MEAN					814	1960
LOWEST ANNUAL MEAN					35.2	1985
HIGHEST DAILY MEAN	4,010	Sep 11	3,520	Oct 1	4,100	Sep 24, 1947
LOWEST DAILY MEAN	2.9	Jun 4	83	Feb 25	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	5.5	May 31	86	Feb 20	0.00	May 19, 2000
MAXIMUM PEAK FLOW			1,550	Jul 6	4,140	Sep 24, 1947
MAXIMUM PEAK STAGE			8.61	Jul 6	11.12	Sep 11, 2004
10 PERCENT EXCEEDS	1,900		1,210		618	
50 PERCENT EXCEEDS	102		335		104	
90 PERCENT EXCEEDS	23		121		17	

02294650 PEACE RIVER AT BARTOW, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.77	7.44	6.46	5.92	6.12	6.65	6.49	6.23	5.55	8.41	7.36	6.84
2	10.66	7.41	6.44	5.88	6.08	6.76	6.49	6.16	5.66	8.43	7.32	6.77
3	10.54	7.38	6.42	5.84	6.05	6.79	6.43	6.11	5.82	8.44	7.30	6.79
4	10.40	7.35	6.40	5.80	6.02	6.80	6.42	6.12	5.97	8.43	7.19	6.81
5	10.25	7.33	6.38	5.91	5.99	6.79	6.39	6.31	6.24	8.46	7.20	6.80
6	10.11	7.31	6.36	6.15	5.97	6.78	6.36	6.76	6.56	8.60	7.22	6.80
7	9.96	7.28	6.34	6.17	5.96	6.68	6.29	6.85	6.91	8.56	7.31	6.88
8	9.80	7.15	6.32	6.16	5.95	6.24	6.29	6.87	7.01	8.44	7.38	6.88
9	9.65	6.90	6.30	6.15	5.95	6.19	6.38	6.73	7.15	8.24	7.32	6.86
10	9.53	6.85	6.29	6.14	5.93	6.19	6.33	6.42	7.38	8.16	7.40	6.83
11	9.42	6.82	6.25	6.13	5.92	6.18	6.28	6.34	7.56	8.12	7.42	6.80
12	9.33	6.80	6.20	6.09	5.91	6.17	6.21	6.36	7.66	8.09	7.47	6.62
13	9.23	6.77	6.15	6.08	5.93	6.15	6.18	6.31	7.70	8.05	7.49	6.25
14	9.13	6.75	6.09	6.39	5.89	6.14	6.11	6.05	7.51	8.05	7.52	6.12
15	9.03	6.72	6.04	6.76	5.80	6.13	5.82	5.88	7.40	8.11	7.55	6.03
16	8.94	6.70	5.99	6.85	5.68	6.16	5.69	5.84	7.41	8.12	7.56	5.94
17	8.85	6.67	5.94	6.87	5.57	6.60	5.59	5.75	7.22	8.07	7.56	5.87
18	8.75	6.65	5.88	6.87	5.44	7.08	5.50	5.68	7.11	8.03	7.56	5.79
19	8.67	6.63	5.81	6.87	5.27	7.21	5.42	5.61	7.02	7.96	7.50	5.72
20	8.49	6.61	5.74	6.87	5.11	7.26	5.36	5.53	7.01	7.92	7.17	5.65
21	8.11	6.58	5.69	6.86	5.04	7.34	5.32	5.46	6.96	7.90	7.05	5.58
22	8.01	6.56	5.64	6.86	5.01	7.45	5.37	5.44	7.05	7.85	6.98	5.53
23	7.96	6.55	5.60	6.86	4.98	7.45	5.38	5.43	7.49	7.76	6.91	5.49
24	7.92	6.53	5.56	6.69	4.98	7.44	5.49	5.37	7.80	7.72	6.85	5.44
25	7.88	6.60	5.68	6.19	4.95	7.43	5.51	5.37	7.96	7.62	6.84	5.38
26	7.85	6.56	5.80	6.27	5.03	7.40	5.46	5.38	7.99	7.17	7.04	5.32
27	7.81	6.55	5.86	6.21	5.39	7.36	5.98	5.35	7.96	7.45	7.05	5.30
28	7.76	6.53	5.92	6.29	5.90	7.30	6.28	5.33	7.94	7.56	7.02	5.53
29	7.58	6.51	5.95	6.24	---	7.26	6.31	5.30	8.06	7.53	6.97	5.86
30	7.52	6.49	5.95	6.17	---	7.11	6.24	5.27	8.31	7.50	6.94	5.95
31	7.48	---	5.94	6.12	---	6.64	---	5.31	---	7.43	6.92	---
MEAN	8.95	6.83	6.04	6.34	5.64	6.81	5.98	5.90	7.18	8.01	7.24	6.15
MAX	10.77	7.44	6.46	6.87	6.12	7.45	6.49	6.87	8.31	8.60	7.56	6.88
MIN	7.48	6.49	5.56	5.80	4.95	6.13	5.32	5.27	5.55	7.17	6.84	5.30

02294650 PEACE RIVER AT BARTOW, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--June 1994 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15-minute interval, mounted on a 2-inch diameter aluminum pipe with the top of the funnel 20 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2001 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.68	2.12	0.03	0.01	0.12
2	0.00	0.00	0.00	0.00	0.01	0.00	0.81	0.00	0.41	0.49	0.06	0.18
3	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.13	0.45	0.61	0.00	0.00
4	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.06	1.10	0.00	0.31	0.00
5	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.70	0.00	0.00	0.03	0.06
6	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.66	0.02
7	0.00	0.00	0.00	0.05	0.01	0.00	0.30	0.00	0.31	0.00	1.03	0.08
8	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.46	0.55	0.00
9	0.00	0.07	0.00	0.00	0.00	0.57	0.00	0.00	0.18	0.96	0.10	0.03
10	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.17	0.16	0.00	0.00
11	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.37	0.54	0.47	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.15	0.06	0.00
13	0.00	0.00	0.00	0.01	0.00	0.00	0.35	0.00	0.00	0.00	0.14	0.00
14	0.00	0.00	0.00	1.94	0.00	0.31	0.00	0.00	0.00	0.13	0.04	0.00
15	0.04	0.00	0.00	0.00	0.00	0.14	0.00	0.07	1.98	1.06	0.14	0.00
16	0.00	0.00	0.00	0.01	0.00	1.17	0.00	0.04	0.10	0.01	0.01	0.00
17	0.00	0.00	0.04	0.00	0.00	1.65	0.00	0.00	0.00	0.57	0.00	0.00
18	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.36	0.71	0.00	0.12
21	0.00	0.00	0.00	0.00	0.00	1.08	0.00	0.00	0.24	0.01	0.60	0.05
22	0.01	0.00	0.00	0.12	0.00	0.00	0.00	0.00	1.89	0.00	0.00	0.00
23	0.00	0.00	0.00	0.01	0.04	0.26	0.68	0.00	0.00	0.00	0.05	0.00
24	0.00	0.59	0.02	0.00	0.01	0.00	0.00	0.00	0.12	0.94	0.00	0.00
25	0.00	0.36	1.64	0.00	0.06	0.02	0.00	0.57	0.00	0.01	0.14	0.00
26	0.00	0.00	0.00	0.00	0.02	0.00	1.58	0.00	0.00	0.00	0.35	0.00
27	0.00	0.09	0.00	0.00	1.85	0.00	0.35	0.00	0.56	0.00	0.81	0.32
28	0.00	0.01	0.00	0.14	0.00	0.04	0.00	0.00	0.84	0.00	0.18	0.00
29	0.00	0.00	0.01	0.00	---	0.00	0.00	0.00	0.91	0.75	0.01	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	1.73	0.07	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.69	---	0.51	0.85	---
TOTAL	0.43	1.15	2.23	2.28	2.03	5.60	4.07	3.77	14.97	8.19	6.60	0.98

WTR YR 2005 TOTAL 52.30

02294655 PEACE RIVER NEAR BARTOW, FL

LOCATION.--Lat 27°52'59", long 81°48'16" (1983 North American datum), in SW$^{1}/_{4}$ sec.10, T.30 S., R.25 E., Polk County, Hydrologic Unit 03100101, near center of span on downstream side of natural gas pipeline truss bridge, 2.5 mi southeast of Bartow, and 102.1 mi upstream from mouth.

DRAINAGE AREA.--395 mi^2.

PERIOD OF RECORD.--May 2002 to current year.

GAGE.--Water-stage recorder. Datum of gage is 91.00 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good. Loss of water to ground-water system may occur each year.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	179	76	30	38	384	374	40	13	0.00	34	167	901
2	177	72	28	35	378	317	31	17	0.00	81	188	967
3	175	68	26	33	380	232	26	24	0.00	115	220	1,020
4	170	65	23	32	306	183	22	28	0.00	84	266	1,050
5	165	62	22	39	201	155	19	27	0.00	78	287	1,180
6	157	76	21	38	156	134	16	27	0.00	71	295	1,670
7	158	92	20	35	134	115	15	27	0.00	57	313	1,790
8	221	90	20	31	115	102	14	23	0.00	49	365	2,030
9	244	93	20	30	102	90	14	19	0.00	49	413	2,840
10	254	94	21	31	94	80	14	15	2.5	45	421	3,630
11	251	94	20	30	87	72	13	13	9.2	41	435	3,950
12	248	92	20	30	78	64	26	11	8.5	45	442	4,090
13	261	89	20	29	70	57	28	9.4	13	34	474	3,960
14	308	82	34	28	66	52	28	8.3	18	28	586	3,820
15	323	78	41	27	69	48	26	7.8	43	23	587	3,560
16	317	73	48	26	64	62	24	7.4	45	21	574	3,270
17	270	68	56	25	63	82	21	6.5	48	20	539	3,090
18	245	62	57	36	60	206	17	4.9	55	22	547	2,940
19	236	59	59	45	58	299	15	4.2	57	28	644	2,730
20	224	55	57	51	55	327	14	4.0	59	54	790	2,500
21	154	53	53	53	52	332	12	3.7	69	97	747	2,370
22	120	50	50	53	50	324	11	3.1	67	58	703	2,240
23	107	47	48	51	47	220	11	2.2	66	50	699	2,090
24	98	45	47	48	48	137	10	1.2	60	46	798	1,940
25	90	42	46	45	112	115	9.4	0.34	50	42	896	1,910
26	82	40	44	42	268	105	8.7	0.04	43	38	966	2,300
27	75	38	43	74	355	99	8.2	0.00	34	38	951	2,720
28	72	37	41	186	380	88	7.9	0.00	31	46	1,080	3,080
29	86	33	40	294	389	75	7.8	0.00	37	96	990	3,450
30	80	31	41	337	---	64	8.0	0.00	36	116	961	3,570
31	78	---	39	358	---	52	---	0.00	---	141	946	---
TOTAL	5,625	1,956	1,135	2,210	4,621	4,662	517.0	307.08	851.20	1,747	18,290	76,658
MEAN	181	65.2	36.6	71.3	159	150	17.2	9.91	28.4	56.4	590	2,555
MAX	323	94	59	358	389	374	40	28	69	141	1,080	4,090
MIN	72	31	20	25	47	48	7.8	0.00	0.00	20	167	901
MED	175	66	40	38	94	105	14	7.4	33	46	574	2,610
AC-FT	11,160	3,880	2,250	4,380	9,170	9,250	1,030	609	1,690	3,470	36,280	152,100
CFSM	0.46	0.17	0.09	0.18	0.40	0.38	0.04	0.03	0.07	0.14	1.49	6.47
IN.	0.53	0.18	0.11	0.21	0.44	0.44	0.05	0.03	0.08	0.16	1.72	7.22

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2004, BY WATER YEAR (WY)

MEAN	168	137	415	598	193	282	123	32.6	235	296	540	1,188
MAX	181	209	794	1,126	227	414	228	55.4	671	665	826	2,555
(WY)	(2004)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)
MIN	154	65.2	36.6	71.3	159	150	17.2	9.91	4.94	56.4	205	492
(WY)	(2003)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2002)	(2004)	(2002)	(2003)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2002 - 2004	
ANNUAL TOTAL	152,460		118,579.28			
ANNUAL MEAN	418		324		408	
HIGHEST ANNUAL MEAN					492	2003
LOWEST ANNUAL MEAN					324	2004
HIGHEST DAILY MEAN	1,890	Jan 5	4,090	Sep 12	4,090	Sep 12, 2004
LOWEST DAILY MEAN	14	May 17	0.00	May 27	0.00	May 15, 2002
ANNUAL SEVEN-DAY MINIMUM	17	May 12	0.00	May 27	0.00	May 15, 2002
MAXIMUM PEAK FLOW			4,140	Sep 12	4,140	Sep 12, 2004
MAXIMUM PEAK STAGE			15.41	Sep 12	15.41	Sep 12, 2004
ANNUAL RUNOFF (AC-FT)	302,400		235,200		295,300	
ANNUAL RUNOFF (CFSM)	1.06		0.820		1.03	
ANNUAL RUNOFF (INCHES)	14.36		11.17		14.02	
10 PERCENT EXCEEDS	977		898		1,020	
50 PERCENT EXCEEDS	240		58		193	
90 PERCENT EXCEEDS	43		9.4		21	

02294655 PEACE RIVER NEAR BARTOW, FL—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.91	7.75	6.92	7.14	10.08	10.04	7.28	6.44	4.52	7.03	8.82	12.33
2	8.90	7.70	6.87	7.09	10.06	9.77	7.06	6.65	4.52	7.88	8.99	12.46
3	8.88	7.64	6.80	7.03	10.07	9.28	6.91	6.88	4.51	8.31	9.30	12.55
4	8.85	7.58	6.73	7.01	9.70	8.95	6.81	7.01	4.50	7.93	9.71	12.60
5	8.81	7.53	6.69	7.17	9.08	8.74	6.69	6.98	4.49	7.85	9.88	12.81
6	8.74	7.75	6.64	7.16	8.73	8.56	6.55	7.00	4.48	7.74	9.94	13.50
7	8.74	7.97	6.61	7.07	8.54	8.39	6.51	6.98	4.48	7.50	10.08	13.65
8	9.22	7.94	6.60	6.99	8.36	8.26	6.48	6.87	4.47	7.37	10.44	13.91
9	9.36	7.99	6.61	6.94	8.21	8.13	6.49	6.72	4.57	7.36	10.75	14.59
10	9.42	8.00	6.63	6.97	8.12	7.99	6.47	6.56	5.78	7.27	10.79	15.13
11	9.40	8.00	6.61	6.95	8.04	7.88	6.43	6.45	6.29	7.18	10.87	15.31
12	9.39	7.97	6.60	6.95	7.92	7.75	6.90	6.37	6.21	7.29	10.89	15.39
13	9.46	7.93	6.60	6.94	7.82	7.64	7.02	6.30	6.37	7.03	11.03	15.31
14	9.72	7.86	6.98	6.92	7.75	7.54	7.02	6.26	6.53	6.86	11.56	15.24
15	9.80	7.79	7.20	6.88	7.80	7.48	6.97	6.23	7.24	6.72	11.55	15.09
16	9.77	7.72	7.35	6.84	7.73	7.71	6.90	6.22	7.27	6.64	11.49	14.91
17	9.51	7.64	7.50	6.81	7.72	8.00	6.78	6.17	7.34	6.61	11.32	14.79
18	9.37	7.56	7.51	7.10	7.67	9.10	6.66	6.09	7.48	6.67	11.37	14.68
19	9.31	7.51	7.55	7.31	7.63	9.68	6.56	6.04	7.51	6.88	11.74	14.50
20	9.24	7.44	7.51	7.44	7.59	9.82	6.48	6.03	7.54	7.40	12.11	14.30
21	8.67	7.40	7.44	7.47	7.55	9.84	6.41	6.01	7.71	8.09	12.02	14.17
22	8.32	7.35	7.39	7.48	7.50	9.80	6.37	5.96	7.68	7.53	11.92	14.03
23	8.17	7.30	7.36	7.44	7.45	9.19	6.34	5.87	7.66	7.38	11.91	13.83
24	8.05	7.25	7.34	7.38	7.47	8.58	6.30	5.72	7.57	7.31	12.13	13.58
25	7.95	7.20	7.31	7.32	8.32	8.37	6.27	5.46	7.38	7.21	12.32	13.53
26	7.85	7.15	7.28	7.26	9.49	8.27	6.23	5.12	7.23	7.14	12.46	14.04
27	7.75	7.11	7.24	7.78	9.95	8.20	6.21	4.85	7.04	7.13	12.43	14.50
28	7.69	7.07	7.21	8.95	10.07	8.07	6.20	4.68	6.96	7.27	12.65	14.77
29	7.90	6.99	7.18	9.64	10.11	7.90	6.19	4.59	7.11	8.09	12.50	15.03
30	7.81	6.95	7.22	9.86	---	7.72	6.20	4.55	7.07	8.32	12.45	15.09
31	7.78	---	7.17	9.97	---	7.52	---	4.54	---	8.58	12.42	---
MEAN	8.80	7.57	7.05	7.46	8.50	8.52	6.59	6.05	6.32	7.41	11.22	14.19
MAX	9.80	8.00	7.55	9.97	10.11	10.04	7.28	7.01	7.71	8.58	12.65	15.39
MIN	7.69	6.95	6.60	6.81	7.45	7.48	6.19	4.54	4.47	6.61	8.82	12.33

02294655 PEACE RIVER NEAR BARTOW, FL

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3,530	667	302	193	224	243	368	305	e188	e1,560	e681	528
2	3,370	648	297	188	221	334	350	297	e202	e1,560	e658	487
3	3,170	630	290	183	215	361	341	282	e217	e1,560	e644	479
4	2,970	616	283	177	210	374	327	281	e246	e1,550	e616	479
5	2,770	605	277	172	204	370	320	285	e295	e1,490	e584	478
6	2,570	592	272	205	199	368	314	379	e320	e1,560	e603	473
7	2,400	579	267	229	198	369	303	439	e417	e1,500	e656	488
8	2,250	560	263	231	196	312	294	462	e496	e1,500	e711	496
9	2,130	475	260	230	194	249	305	462	e535	e1,380	e686	487
10	2,040	434	259	226	193	247	309	388	e613	e1,290	e677	477
11	1,970	421	260	224	189	240	298	332	e735	e1,220	e686	467
12	1,900	412	246	220	187	237	286	340	e808	e1,170	e703	442
13	1,830	402	236	214	188	235	279	e320	e882	e1,130	e711	346
14	1,750	393	228	244	189	232	271	e298	e862	e1,090	e724	297
15	1,680	385	217	325	181	235	240	e254	e750	e1,090	e738	274
16	1,620	376	208	368	167	234	201	e235	e789	e1,140	e741	254
17	1,560	369	200	385	151	288	182	e216	e711	e1,110	e743	237
18	1,500	362	193	389	134	409	168	e205	e637	e1,080	e740	221
19	1,440	356	183	388	116	503	155	e188	e588	e1,020	e726	206
20	1,380	349	171	388	96	549	144	e186	e554	e979	e648	192
21	1,160	342	161	387	84	577	135	e183	e564	e955	e547	181
22	1,020	335	153	387	77	668	134	e170	e564	e935	e534	169
23	964	330	147	387	73	683	140	e167	e750	e886	e498	161
24	929	325	142	380	71	683	159	e164	e940	e838	e485	152
25	900	345	146	300	69	673	163	e161	e1,090	e843	e458	142
26	877	332	188	247	70	658	164	e171	e1,160	e677	550	132
27	855	324	177	244	93	642	212	162	e1,190	e613	583	126
28	834	320	184	249	144	620	273	157	e1,160	e700	583	138
29	773	313	191	253	---	593	305	163	e1,200	e719	555	189
30	714	308	195	242	---	567	306	156	e1,380	e722	536	221
31	688	---	195	229	---	437	---	e178	---	e698	531	---
TOTAL	53,544	12,905	6,791	8,484	4,333	13,190	7,446	7,986	20,843	34,565	19,536	9,419
MEAN	1,727	430	219	274	155	425	248	258	695	1,115	630	314
MAX	3,530	667	302	389	224	683	368	462	1,380	1,560	743	528
MIN	688	308	142	172	69	232	134	156	188	613	458	126
MED	1,620	381	208	244	184	370	276	235	674	1,090	648	264
AC-FT	106,200	25,600	13,470	16,830	8,590	26,160	14,770	15,840	41,340	68,560	38,750	18,680
CFSM	4.37	1.09	0.55	0.69	0.39	1.08	0.63	0.65	1.76	2.82	1.60	0.79
IN.	5.04	1.22	0.64	0.80	0.41	1.24	0.70	0.75	1.96	3.26	1.84	0.89

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

MEAN	688	235	350	490	180	330	165	108	350	501	563	969
MAX	1,727	430	794	1,126	227	425	248	258	695	1,115	826	2,555
(WY)	(2005)	(2005)	(2003)	(2003)	(2003)	(2005)	(2005)	(2005)	(2005)	(2005)	(2003)	(2004)
MIN	154	65.2	36.6	71.3	155	150	17.2	9.91	4.94	56.4	205	314
(WY)	(2003)	(2004)	(2004)	(2004)	(2005)	(2004)	(2004)	(2004)	(2002)	(2004)	(2002)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2002 - 2005	
ANNUAL TOTAL	183,103.28		199,042			
ANNUAL MEAN	500		545		453	
HIGHEST ANNUAL MEAN					545	2005
LOWEST ANNUAL MEAN					324	2004
HIGHEST DAILY MEAN	4,090	Sep 12	3,530	Oct 1	4,090	Sep 12, 2004
LOWEST DAILY MEAN	0.00	May 27	69	Feb 25	0.00	May 15, 2002
ANNUAL SEVEN-DAY MINIMUM	0.00	May 27	77	Feb 21	0.00	May 15, 2002
MAXIMUM PEAK FLOW					4,140	Sep 12, 2004
MAXIMUM PEAK STAGE					15.41	Sep 12, 2004
ANNUAL RUNOFF (AC-FT)	363,200		394,800		328,500	
ANNUAL RUNOFF (CFSM)	1.27		1.38		1.15	
ANNUAL RUNOFF (INCHES)	17.24		18.75		15.60	
10 PERCENT EXCEEDS	1,800		1,160		1,080	
50 PERCENT EXCEEDS	116		350		238	
90 PERCENT EXCEEDS	9.4		164		31	

e Estimated

02294655 PEACE RIVER NEAR BARTOW, FL—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.07	11.01	9.88	9.27	9.48	9.59	10.07	9.77	---	---	---	10.58
2	14.97	10.96	9.86	9.24	9.46	10.10	9.99	9.72	---	---	---	10.44
3	14.84	10.92	9.84	9.20	9.43	10.23	9.95	9.64	---	---	---	10.41
4	14.70	10.88	9.81	9.15	9.39	10.29	9.88	9.63	---	---	---	10.42
5	14.54	10.86	9.79	9.10	9.35	10.27	9.84	9.66	---	---	---	10.41
6	14.36	10.82	9.77	9.35	9.32	10.27	9.81	10.12	---	---	---	10.40
7	14.20	10.79	9.75	9.52	9.31	10.27	9.75	10.38	---	---	---	10.46
8	14.04	10.73	9.73	9.53	9.30	9.99	9.71	10.47	---	---	---	10.50
9	13.89	10.44	9.71	9.52	9.28	9.64	9.76	10.47	---	---	---	10.47
10	13.75	10.29	9.70	9.50	9.28	9.63	9.79	10.16	---	---	---	10.44
11	13.63	10.24	9.71	9.49	9.25	9.58	9.73	9.90	---	---	---	10.40
12	13.52	10.21	9.62	9.46	9.23	9.57	9.66	9.94	---	---	---	10.31
13	13.40	10.18	9.56	9.42	9.24	9.55	9.63	---	---	---	---	9.89
14	13.27	10.15	9.51	9.60	9.25	9.54	9.58	---	---	---	---	9.65
15	13.15	10.12	9.44	10.06	9.18	9.55	9.40	---	---	---	---	9.53
16	13.04	10.10	9.38	10.26	9.07	9.55	9.14	---	---	---	---	9.42
17	12.92	10.07	9.32	10.34	8.93	9.84	9.00	---	---	---	---	9.32
18	12.82	10.05	9.27	10.36	8.76	10.40	8.88	---	---	---	---	9.22
19	12.71	10.03	9.20	10.35	8.57	10.74	8.76	---	---	---	---	9.12
20	12.58	10.01	9.10	10.36	8.34	10.88	8.66	---	---	---	---	9.04
21	12.13	9.98	9.01	10.35	8.18	10.95	8.58	---	---	---	---	8.95
22	11.83	9.96	8.94	10.35	8.08	11.21	8.57	---	---	---	---	8.86
23	11.71	9.95	8.88	10.35	8.02	11.23	8.63	---	---	---	---	8.79
24	11.63	9.93	8.83	10.32	8.00	11.22	8.81	---	---	---	---	8.72
25	11.57	10.04	8.87	9.92	7.97	11.19	8.84	---	---	---	---	8.63
26	11.53	9.98	9.24	9.63	7.97	11.15	8.85	---	---	---	10.63	8.54
27	11.48	9.96	9.15	9.61	8.27	11.10	9.21	8.83	---	---	10.75	8.48
28	11.44	9.94	9.20	9.64	8.86	11.03	9.59	8.79	---	---	10.75	8.60
29	11.28	9.92	9.26	9.67	---	10.94	9.77	8.84	---	---	10.66	9.04
30	11.13	9.90	9.29	9.60	---	10.85	9.77	8.78	---	---	10.60	9.27
31	11.06	---	9.29	9.52	---	10.37	---	---	---	---	10.59	---
MEAN	12.97	10.28	9.42	9.74	8.88	10.35	9.39	---	---	---	---	9.61
MAX	15.07	11.01	9.88	10.36	9.48	11.23	10.07	---	---	---	---	10.58
MIN	11.06	9.90	8.83	9.10	7.97	9.54	8.57	---	---	---	---	8.48

02294747 SIXMILE CREEK AT BARTOW, FL

LOCATION.--Lat 27° 51'48", long 81° 48'34" (1983 North American datum), in NW1/4 sec.22, T.30 S., R.25 E., Polk County, Hydrologic Unit 03100101, on left side of weir walkway, 0.1 mi upstream from confluence with Peace River, and 1.0 mi southeast of Bartow.

DRAINAGE AREA.--Undetermined.

PERIOD OF RECORD.--December 2002 to current year.

GAGE.--Water-stage recorder. Datum of gage has not been determined.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Water year 2005; maximum discharge, 285 cfs, Oct. 1, stage falling, peak occurred Sept. 29, 2004; maximum peak discharge, 213 cfs, July 1, gage height, 6.97 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36	15	7.1	24	37	41	4.5	12	1.9	16	58	85
2	35	14	8.1	23	38	35	4.0	11	2.1	45	70	83
3	33	13	9.7	22	36	29	3.7	16	2.1	85	63	76
4	31	13	12	24	33	24	4.2	20	2.0	110	56	72
5	29	13	14	27	33	21	5.4	15	2.0	126	49	101
6	26	21	15	28	34	20	6.8	13	1.9	124	44	212
7	16	32	14	27	34	21	9.2	10	2.1	109	40	265
8	24	25	15	27	30	23	12	8.6	2.4	92	37	301
9	25	22	15	27	26	24	11	6.6	3.5	78	35	e334
10	26	20	15	26	24	22	9.2	5.3	7.7	65	33	e346
11	26	18	15	22	23	19	7.3	4.5	25	56	34	e340
12	26	17	15	22	21	17	13	4.1	37	49	35	e300
13	29	16	16	23	20	15	14	4.1	38	41	47	e280
14	26	15	22	23	19	13	12	4.2	40	35	92	258
15	24	14	26	22	20	13	8.9	4.4	61	30	111	218
16	22	14	23	22	18	20	7.5	4.5	77	27	126	193
17	20	14	24	20	17	22	7.3	4.1	82	23	135	175
18	19	14	24	23	18	22	7.3	3.9	71	22	154	156
19	18	15	23	28	20	21	6.8	3.9	65	27	158	137
20	17	14	23	30	20	19	6.5	3.7	64	32	151	122
21	17	14	23	28	22	17	7.4	3.5	e72	35	138	113
22	16	13	22	27	24	15	7.2	3.3	e65	37	118	104
23	16	12	22	25	23	9.2	6.5	3.1	e60	39	119	97
24	15	11	23	23	23	6.6	5.7	2.9	e55	40	132	87
25	13	10	23	22	38	4.5	5.2	2.6	e50	39	114	69
26	5.0	9.3	23	21	49	2.1	4.5	2.5	e40	36	104	164
27	5.9	8.9	22	26	52	1.7	4.4	2.4	e35	36	109	253
28	9.8	8.5	22	30	49	2.3	4.0	2.2	e30	42	122	301
29	15	7.7	23	28	46	2.9	4.0	2.1	25	52	109	322
30	15	6.9	24	19	---	3.3	5.3	2.0	19	47	99	303
31	15	---	25	25	---	4.5	---	2.0	---	42	95	---
TOTAL	650.7	440.3	587.9	764	847	510.1	214.8	187.5	1,038.7	1,637	2,787	5,867
MEAN	21.0	14.7	19.0	24.6	29.2	16.5	7.16	6.05	34.6	52.8	89.9	196
MAX	36	32	26	30	52	41	14	20	82	126	158	346
MIN	5.0	6.9	7.1	19	17	1.7	3.7	2.0	1.9	16	33	69
MED	20	14	22	24	24	19	6.8	4.1	36	41	99	184
AC-FT	1,290	873	1,170	1,520	1,680	1,010	426	372	2,060	3,250	5,530	11,640

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2004, BY WATER YEAR (WY)

MEAN	21.0	14.7	43.2	54.0	27.1	22.6	10.6	9.60	49.8	54.8	78.0	119
MAX	21.0	14.7	67.4	83.4	29.2	28.7	14.0	13.1	64.9	56.8	89.9	196
(WY)	(2004)	(2004)	(2003)	(2003)	(2004)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)	(2004)
MIN	21.0	14.7	19.0	24.6	24.9	16.5	7.16	6.05	34.6	52.8	66.2	42.4
(WY)	(2004)	(2004)	(2004)	(2004)	(2003)	(2004)	(2004)	(2004)	(2004)	(2004)	(2003)	(2003)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2003 - 2004	
ANNUAL TOTAL	13,710.4		15,532.0			
ANNUAL MEAN	37.6		42.4		42.4	
HIGHEST ANNUAL MEAN					42.4	2004
LOWEST ANNUAL MEAN					42.4	2004
HIGHEST DAILY MEAN	181	Jan 4	e346	Sep 10	e346	Sep 10, 2004
LOWEST DAILY MEAN	3.4	Apr 25	1.7	Mar 27	1.7	Mar 27, 2004
ANNUAL SEVEN-DAY MINIMUM	4.9	May 13	2.0	May 31	2.0	May 31, 2004
ANNUAL RUNOFF (AC-FT)	27,190		30,810		30,740	
10 PERCENT EXCEEDS	79		109		109	
50 PERCENT EXCEEDS	26		23		23	
90 PERCENT EXCEEDS	12		4.2		4.2	

e Estimated

02294747 SIXMILE CREEK AT BARTOW, FL.---Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.56	4.85	4.55	5.16	5.54	5.63	4.43	4.77	4.24	4.98	5.85	6.14
2	5.53	4.82	4.60	5.12	5.56	5.51	4.40	4.72	4.25	5.67	5.99	6.12
3	5.48	4.79	4.66	5.10	5.51	5.35	4.38	4.93	4.26	6.15	5.91	6.05
4	5.42	4.77	4.74	5.17	5.43	5.22	4.42	5.10	4.24	6.34	5.83	6.00
5	5.35	4.77	4.83	5.25	5.44	5.12	4.49	4.90	4.24	6.46	5.74	6.25
6	5.27	5.05	4.87	5.28	5.48	5.07	4.56	4.80	4.23	6.44	5.67	6.96
7	4.91	5.45	4.84	5.28	5.47	5.12	4.65	4.72	4.25	6.33	5.60	7.20
8	5.19	5.24	4.87	5.25	5.36	5.18	4.75	4.65	4.30	6.20	5.55	7.34
9	5.24	5.14	4.89	5.26	5.23	5.20	4.72	4.56	4.39	6.07	5.50	---
10	5.27	5.06	4.89	5.24	5.16	5.16	4.65	4.50	4.62	5.94	5.44	---
11	5.26	5.01	4.87	5.09	5.12	5.05	4.57	4.45	5.26	5.82	5.46	---
12	5.24	4.96	4.85	5.12	5.07	4.95	4.81	4.44	5.59	5.73	5.50	---
13	5.37	4.92	4.89	5.14	5.02	4.87	4.85	4.43	5.61	5.61	5.68	---
14	5.25	4.88	5.10	5.12	4.98	4.81	4.75	4.44	5.64	5.50	6.20	7.12
15	5.19	4.84	5.23	5.10	5.03	4.81	4.64	4.46	5.92	5.37	6.35	6.99
16	5.13	4.83	5.13	5.11	4.97	5.07	4.58	4.46	6.09	5.25	6.46	6.87
17	5.09	4.84	5.17	5.04	4.91	5.14	4.57	4.44	6.13	5.13	6.51	6.77
18	5.05	4.84	5.17	5.14	4.94	5.15	4.57	4.42	6.03	5.08	6.64	6.65
19	5.01	4.85	5.15	5.29	5.01	5.13	4.54	4.42	5.97	5.26	6.67	6.53
20	4.98	4.85	5.14	5.34	5.04	5.04	4.53	4.41	5.91	5.42	6.62	6.42
21	4.94	4.82	5.12	5.30	5.09	4.97	4.58	4.39	---	5.51	6.54	6.36
22	4.92	4.79	5.09	5.25	5.16	4.88	4.57	4.38	---	5.54	6.40	6.30
23	4.91	4.75	5.10	5.19	5.15	4.65	4.53	4.36	---	5.58	6.40	6.24
24	4.88	4.71	5.14	5.14	5.13	4.54	4.49	4.34	---	5.59	6.50	6.15
25	4.78	4.67	5.14	5.10	5.53	4.43	4.46	4.32	---	5.58	6.37	5.97
26	4.44	4.65	5.12	5.07	5.74	4.22	4.42	4.30	---	5.53	6.29	6.66
27	4.49	4.63	5.11	5.23	5.78	4.18	4.41	4.29	---	5.51	6.33	7.15
28	4.66	4.61	5.12	5.34	5.75	4.25	4.38	4.27	---	5.62	6.43	7.34
29	4.87	4.58	5.14	5.29	5.70	4.31	4.39	4.26	5.17	5.78	6.33	7.42
30	4.88	4.54	5.16	4.98	---	4.34	4.45	4.25	5.07	5.72	6.25	7.35
31	4.87	---	5.18	5.19	---	4.43	---	4.24	---	5.64	6.22	---
MEAN	5.08	4.85	5.00	5.18	5.29	4.90	4.55	4.50	---	5.69	6.10	---
MAX	5.56	5.45	5.23	5.34	5.78	5.63	4.85	5.10	---	6.46	6.67	---
MIN	4.44	4.54	4.55	4.98	4.91	4.18	4.38	4.24	---	4.98	5.44	---

02294747 SIXMILE CREEK AT BARTOW, FL.---Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	267	25	17	17	17	29	43	6.9	27	208	33	77
2	230	26	19	15	16	34	43	6.7	28	197	30	80
3	197	28	19	13	16	32	42	6.7	29	179	31	79
4	174	28	18	11	14	32	38	11	31	158	33	72
5	151	29	15	8.2	13	32	34	9.2	36	139	35	62
6	133	27	11	8.4	13	32	28	12	36	121	53	53
7	118	25	8.6	11	14	30	22	14	32	103	59	48
8	106	23	14	14	14	27	20	17	30	90	65	43
9	97	23	15	15	14	25	17	17	32	90	59	37
10	89	23	14	14	15	27	15	16	34	99	54	34
11	83	24	14	13	14	27	14	13	38	109	52	32
12	80	26	13	12	11	25	13	21	44	121	54	31
13	76	28	13	11	9.0	19	12	18	52	115	e55	29
14	71	28	10	21	8.2	15	11	14	59	103	e56	28
15	69	27	8.6	36	8.9	13	10	12	58	92	e57	18
16	69	26	9.8	39	9.5	13	8.9	11	65	82	e58	18
17	65	25	12	38	9.1	32	8.1	6.1	66	73	e59	18
18	61	24	10	34	8.9	52	7.4	6.3	60	67	e60	19
19	58	24	8.1	30	8.5	54	4.1	6.0	58	63	e59	19
20	52	23	6.2	27	7.5	54	2.8	22	56	62	e58	18
21	46	23	5.1	25	6.9	55	2.1	19	54	63	e57	17
22	44	23	4.6	24	7.0	68	2.9	16	70	66	e55	16
23	38	25	4.9	24	7.9	71	2.8	17	144	63	56	15
24	34	23	6.0	24	8.9	69	2.8	18	168	55	59	14
25	31	27	11	23	9.7	65	2.4	24	165	52	54	14
26	27	25	20	20	11	60	1.3	26	149	50	50	14
27	24	20	17	19	18	56	5.4	21	135	47	48	13
28	25	19	15	19	28	52	3.5	20	137	44	52	14
29	26	20	17	19	---	50	5.9	19	149	38	52	13
30	26	21	18	19	---	48	6.4	18	181	35	50	14
31	26	---	17	19	---	46	---	19	---	34	53	---
TOTAL	2,593	738	390.9	622.6	338.0	1,244	428.8	462.9	2,223	2,818	1,606	959
MEAN	83.6	24.6	12.6	20.1	12.1	40.1	14.3	14.9	74.1	90.9	51.8	32.0
MAX	267	29	20	39	28	71	43	26	181	208	65	80
MIN	24	19	4.6	8.2	6.9	13	1.3	6.0	27	34	30	13
MED	69	25	13	19	11	32	9.5	16	57	82	54	19
AC-FT	5,140	1,460	775	1,230	670	2,470	851	918	4,410	5,590	3,190	1,900

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2005, BY WATER YEAR (WY)

MEAN	52.3	19.6	33.0	42.7	22.1	28.4	11.8	11.4	57.9	66.8	69.3	90.0
MAX	83.6	24.6	67.4	83.4	29.2	40.1	14.3	14.9	74.1	90.9	89.9	196
(WY)	(2005)	(2005)	(2003)	(2003)	(2004)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)
MIN	21.0	14.7	12.6	20.1	12.1	16.5	7.16	6.05	34.6	52.8	51.8	32.0
(WY)	(2004)	(2004)	(2005)	(2005)	(2005)	(2004)	(2004)	(2004)	(2004)	(2004)	(2005)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2003 - 2005	
ANNUAL TOTAL	17,575.0		14,424.2			
ANNUAL MEAN	48.0		39.5		41.0	
HIGHEST ANNUAL MEAN					42.4	2004
LOWEST ANNUAL MEAN					39.5	2005
HIGHEST DAILY MEAN	e346	Sep 10	267	Oct 1	e346	Sep 10, 2004
LOWEST DAILY MEAN	1.7	Mar 27	1.3	Apr 26	1.3	Apr 26, 2005
ANNUAL SEVEN-DAY MINIMUM	2.0	May 31	2.4	Apr 20	2.0	May 31, 2004
MAXIMUM PEAK FLOW			213	Jul 1		
MAXIMUM PEAK STAGE			6.97	Jul 1		
ANNUAL RUNOFF (AC-FT)	34,860		28,610		29,690	
10 PERCENT EXCEEDS	120		80		97	
50 PERCENT EXCEEDS	25		26		24	
90 PERCENT EXCEEDS	4.2		8.8		6.5	

e Estimated

02294747 SIXMILE CREEK AT BARTOW, FL.---Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.21	5.27	4.96	4.95	4.97	5.37	5.64	4.49	5.24	6.95	5.42	6.08
2	7.05	5.28	5.05	4.87	4.93	5.47	5.64	4.48	5.28	6.89	5.36	6.11
3	6.89	5.36	5.03	4.77	4.91	5.47	5.62	4.48	5.31	6.80	5.38	6.10
4	6.76	5.36	5.00	4.71	4.85	5.45	5.56	4.65	5.37	6.68	5.44	6.04
5	6.62	5.37	4.90	4.60	4.81	5.46	5.45	4.59	5.51	6.55	5.47	5.92
6	6.50	5.32	4.72	4.62	4.81	5.45	5.27	4.69	5.51	6.43	5.81	5.81
7	6.40	5.26	4.63	4.71	4.83	5.38	5.10	4.77	5.42	6.31	5.88	5.72
8	6.32	5.21	4.82	4.83	4.84	5.29	5.01	4.89	5.35	6.20	5.96	5.63
9	6.25	5.18	4.90	4.88	4.86	5.24	4.92	4.92	5.39	6.20	5.89	5.54
10	6.19	5.21	4.85	4.85	4.86	5.31	4.83	4.85	5.45	6.27	5.83	5.46
11	6.13	5.23	4.82	4.79	4.82	5.30	4.76	4.73	5.55	6.35	5.80	5.39
12	6.10	5.28	4.81	4.74	4.73	5.24	4.71	5.06	5.65	6.43	5.83	5.37
13	6.06	5.35	4.78	4.73	4.64	5.05	4.70	4.94	5.81	6.39	---	5.33
14	6.01	5.34	4.69	5.08	4.61	4.89	4.66	4.79	5.89	6.31	---	5.27
15	6.00	5.30	4.63	5.57	4.64	4.81	4.63	4.71	5.88	6.22	---	4.94
16	6.00	5.27	4.67	5.63	4.66	4.80	4.58	4.67	5.97	6.13	---	4.94
17	5.96	5.24	4.74	5.61	4.65	5.39	4.55	4.44	5.97	6.05	---	4.95
18	5.93	5.22	4.70	5.52	4.64	5.81	4.51	4.46	5.91	5.99	---	4.97
19	5.90	5.21	4.60	5.40	4.63	5.84	4.33	4.44	5.88	5.94	---	4.99
20	5.83	5.19	4.52	5.30	4.58	5.83	4.23	5.08	5.86	5.93	---	4.95
21	5.76	5.17	4.46	5.23	4.55	5.84	4.16	4.97	5.84	5.95	---	4.90
22	5.72	5.19	4.43	5.20	4.56	5.99	4.24	4.88	5.99	5.97	---	4.86
23	5.62	5.26	4.44	5.20	4.60	6.02	4.23	4.90	6.58	5.94	5.82	4.82
24	5.54	5.19	4.51	5.20	4.64	6.01	4.23	4.94	6.73	5.85	5.89	4.79
25	5.45	5.30	4.72	5.16	4.67	5.96	4.18	5.14	6.72	5.81	5.83	4.78
26	5.33	5.23	5.07	5.09	4.72	5.91	4.04	5.22	6.62	5.76	5.76	4.77
27	5.23	5.07	4.97	5.06	4.97	5.86	4.40	5.07	6.53	5.71	5.72	4.75
28	5.25	5.04	4.89	5.05	5.34	5.81	4.29	5.02	6.54	5.64	5.80	4.77
29	5.29	5.10	4.95	5.06	---	5.76	4.44	4.98	6.62	5.55	5.81	4.75
30	5.30	5.11	4.99	5.06	---	5.72	4.47	4.96	6.81	5.50	5.77	4.76
31	5.28	---	4.98	5.03	---	5.68	---	4.99	---	5.46	5.79	---
MEAN	6.00	5.24	4.78	5.05	4.76	5.53	4.71	4.81	5.91	6.13	---	5.25
MAX	7.21	5.37	5.07	5.63	5.34	6.02	5.64	5.22	6.81	6.95	---	6.11
MIN	5.23	5.04	4.43	4.60	4.55	4.80	4.04	4.44	5.24	5.46	---	4.75

02294760 BARBER BRANCH NEAR HOMELAND, FL

LOCATION.--Lat 27° 50'17", long 81° 48'44" (1983 North American datum), in SE$^{1}/_{4}$ sec.28, T.30 S., R. 25 E., Polk County, Hydrologic Unit 03100101, on left side of weir walkway, 0.1 mi upstream from confluence with Peace River, and 1.4 miles northeast of US 17 and SR 640 intersection at Homeland, FL.

DRAINAGE AREA.--Undetermined.

PERIOD OF RECORD.--December 2002 to current year.

GAGE.--Water-stage recorder. Datum of gage has not been determined.

REMARKS.--Records poor. Water year 2005; Maximum discharge 252 cfs, Oct. 1, stage falling, peak occurred Sept. 30, 2004; maximum peak discharge 112 cfs, June 30, gage height 4.70 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	e0.65	114	3.9	7.6	2.9	2.8	18	7.3	4.3	9.9
2	---	---	e0.67	89	3.5	9.4	2.7	2.4	9.0	7.6	6.0	7.9
3	---	---	e0.68	87	3.2	8.3	2.9	1.4	3.7	6.1	7.2	8.0
4	---	---	0.71	88	3.1	5.8	2.9	1.3	3.2	3.7	8.3	6.9
5	---	---	0.77	96	2.9	4.8	2.8	1.3	3.4	2.1	9.1	8.0
6	---	---	1.3	95	2.1	4.0	2.6	1.5	3.6	1.2	7.1	16
7	---	---	1.3	91	2.2	3.3	2.6	1.5	6.3	0.46	7.8	16
8	---	---	1.2	83	2.5	2.9	2.4	1.5	9.1	0.05	11	13
9	---	---	3.7	75	2.6	2.5	2.4	1.3	12	0.00	11	13
10	---	---	34	67	2.8	2.4	2.4	1.3	6.5	0.00	12	15
11	---	---	38	60	3.0	2.3	2.2	1.3	5.1	0.00	12	12
12	---	---	32	54	2.7	2.3	2.0	1.2	4.8	0.35	12	11
13	---	---	56	49	2.5	2.2	1.8	1.0	4.9	4.1	9.6	9.5
14	---	---	55	44	2.2	2.1	1.6	0.73	2.0	2.0	7.8	8.3
15	---	---	41	37	2.0	2.4	1.4	0.67	0.29	3.1	6.8	7.1
16	---	---	38	28	2.1	2.1	1.3	0.54	0.12	4.9	5.9	6.0
17	---	---	37	27	2.7	3.5	1.3	0.50	0.00	6.3	5.0	5.3
18	---	---	37	25	2.6	4.1	1.2	0.57	0.00	6.4	4.3	4.8
19	---	---	35	19	2.2	4.0	1.2	0.67	1.1	5.9	5.9	4.4
20	---	---	33	14	2.1	3.5	1.2	0.72	5.2	5.0	12	4.9
21	---	---	30	11	1.9	3.7	1.3	0.58	15	3.8	14	8.5
22	---	---	29	8.5	1.9	4.0	1.3	0.81	18	2.8	14	6.6
23	---	---	24	9.9	1.9	4.5	1.3	3.1	17	2.3	15	6.9
24	---	---	18	9.0	1.9	6.1	1.3	2.6	14	1.9	16	7.2
25	---	---	39	6.6	1.8	4.3	1.4	0.31	13	1.6	37	11
26	---	---	50	3.7	1.8	3.9	4.5	11	11	1.7	23	11
27	---	---	53	4.1	1.7	4.1	6.9	20	10	1.4	18	11
28	---	---	51	3.8	3.0	5.8	5.0	29	10	1.2	16	11
29	---	---	43	3.5	---	4.7	4.2	28	9.7	2.0	16	11
30	---	---	39	3.8	---	4.0	3.7	25	8.3	4.8	13	12
31	---	---	40	3.9	---	3.4	---	22	---	4.9	13	---
TOTAL	---	---	862.98	1,309.8	68.8	128.0	72.7	166.60	224.31	94.96	360.1	283.2
MEAN	---	---	27.8	42.3	2.46	4.13	2.42	5.37	7.48	3.06	11.6	9.44
MAX	---	---	56	114	3.9	9.4	6.9	29	18	7.6	37	16
MIN	---	---	0.65	3.5	1.7	2.1	1.2	0.31	0.00	0.00	4.3	4.4
MED	---	---	34	28	2.3	4.0	2.3	1.3	6.4	2.3	11	9.0
AC-FT	---	---	1,710	2,600	136	254	144	330	445	188	714	562

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2003, BY WATER YEAR (WY)

MEAN	---	---	27.8	42.3	2.46	4.13	2.42	5.37	7.48	3.06	11.6	9.44
MAX	---	---	27.8	42.3	2.46	4.13	2.42	5.37	7.48	3.06	11.6	9.44
(WY)	---	---	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)
MIN	---	---	27.8	42.3	2.46	4.13	2.42	5.37	7.48	3.06	11.6	9.44
(WY)	---	---	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)

SUMMARY STATISTICS	WATER YEARS 2002 - 2003	
HIGHEST DAILY MEAN	114	Jan 1, 2003
LOWEST DAILY MEAN	0.00	Jun 17, 2003
ANNUAL SEVEN-DAY MINIMUM	0.29	Jul 6, 2003
MAXIMUM PEAK FLOW	126	Jan 1, 2003
MAXIMUM PEAK STAGE	4.96	Jan 1, 2003

e Estimated

02294760 BARBER BRANCH NEAR HOMELAND, FL.---Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	4.77	2.33	2.49	2.28	2.27	3.65	3.28	3.07	2.95
2	---	---	---	4.36	2.31	2.55	2.27	2.25	3.36	3.29	3.14	2.87
3	---	---	---	4.32	2.29	2.52	2.28	2.18	3.14	3.23	3.19	2.87
4	---	---	2.13	4.35	2.29	2.42	2.28	2.18	3.11	3.12	3.09	2.83
5	---	---	2.14	4.46	2.28	2.37	2.27	2.18	3.12	3.03	2.92	2.87
6	---	---	2.18	4.45	2.23	2.33	2.26	2.19	3.13	2.97	2.84	3.13
7	---	---	2.18	4.38	2.23	2.30	2.26	2.19	3.25	2.91	2.87	3.15
8	---	---	2.17	4.26	2.25	2.28	2.25	2.19	3.36	2.85	2.99	3.07
9	---	---	2.29	4.11	2.26	2.25	2.25	2.18	3.47	2.80	3.00	2.93
10	---	---	3.24	3.96	2.27	2.25	2.25	2.18	3.26	2.73	3.02	2.71
11	---	---	3.36	3.82	2.28	2.24	2.24	2.18	3.21	2.67	3.03	2.62
12	---	---	3.21	3.70	2.26	2.24	2.23	2.17	3.19	2.74	3.00	2.56
13	---	---	3.73	3.59	2.25	2.24	2.21	2.16	3.19	3.14	2.93	2.52
14	---	---	3.72	3.48	2.23	2.23	2.20	2.13	3.04	3.02	2.87	2.48
15	---	---	3.43	3.33	2.22	2.25	2.19	2.13	2.91	3.08	2.83	2.43
16	---	---	3.35	3.10	2.23	2.23	2.18	2.12	2.88	3.18	2.79	2.38
17	---	---	3.34	3.08	2.27	2.31	2.18	2.11	2.81	3.24	2.75	2.35
18	---	---	3.33	3.02	2.26	2.34	2.17	2.12	2.83	3.24	2.72	2.33
19	---	---	3.29	2.87	2.24	2.33	2.17	2.13	2.95	3.22	2.78	2.31
20	---	---	3.24	2.72	2.23	2.31	2.17	2.13	3.19	3.18	3.02	2.33
21	---	---	3.17	2.62	2.22	2.32	2.18	2.12	3.55	3.12	3.08	2.48
22	---	---	3.14	2.52	2.22	2.33	2.18	2.13	3.65	3.07	3.10	2.41
23	---	---	3.00	2.58	2.22	2.36	2.18	2.29	3.61	3.04	3.11	2.42
24	---	---	2.83	2.54	2.22	2.43	2.18	2.34	3.53	3.02	3.13	2.43
25	---	---	3.37	2.45	2.21	2.35	2.19	2.92	3.49	3.00	3.70	2.56
26	---	---	3.62	2.32	2.21	2.33	2.35	3.43	3.40	3.01	3.34	2.56
27	---	---	3.67	2.34	2.21	2.33	2.46	3.71	3.38	2.99	3.21	2.58
28	---	---	3.65	2.32	2.27	2.41	2.38	3.94	3.39	2.97	3.16	2.59
29	---	---	3.47	2.31	---	2.37	2.34	3.94	3.37	3.02	3.13	2.58
30	---	---	3.38	2.33	---	2.33	2.32	3.85	3.32	3.14	3.06	2.61
31	---	---	3.40	2.33	---	2.30	---	3.77	---	3.10	3.05	---
MEAN	---	---	---	3.32	2.25	2.33	2.25	2.51	3.26	3.05	3.03	2.63
MAX	---	---	---	4.77	2.33	2.55	2.46	3.94	3.65	3.29	3.70	3.15
MIN	---	---	---	2.31	2.21	2.23	2.17	2.11	2.81	2.67	2.72	2.31

02294760 BARBER BRANCH NEAR HOMELAND, FL.---Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	1.9	1.5	0.41	5.0	5.3	2.2	15	0.92	1.8	25	43
2	10	1.7	1.2	0.46	8.7	4.6	1.9	19	1.1	4.1	24	55
3	9.4	1.5	1.0	0.45	7.0	3.8	1.7	4.7	1.1	11	19	59
4	8.8	1.3	1.0	0.59	5.2	3.1	1.7	2.9	1.1	19	16	46
5	8.1	1.4	1.1	0.63	4.1	2.6	1.6	2.0	1.1	16	15	64
6	7.0	1.9	1.1	0.65	3.7	2.2	1.7	1.6	1.1	13	13	147
7	5.3	2.7	1.1	0.56	3.5	2.0	1.8	1.4	1.1	11	12	149
8	4.9	2.6	1.1	0.71	3.0	1.8	1.9	1.3	1.1	8.0	10	153
9	4.9	2.3	1.2	0.80	2.4	1.7	1.8	1.3	1.2	5.8	9.4	178
10	5.2	2.1	1.2	0.85	2.0	1.5	1.2	1.3	1.5	4.0	8.7	222
11	5.7	2.0	1.1	0.70	1.8	1.3	1.2	1.3	1.9	3.2	7.1	245
12	6.2	2.2	1.1	0.68	1.7	1.1	2.5	1.3	1.9	3.2	16	253
13	6.3	2.1	1.1	0.68	1.6	1.1	2.5	1.1	1.8	2.7	50	252
14	5.5	1.9	2.7	0.68	1.8	1.1	2.4	1.1	2.7	2.5	69	245
15	5.0	1.8	4.4	0.63	3.5	1.1	2.0	1.1	23	2.2	23	235
16	4.0	1.8	3.2	0.57	3.0	1.8	1.7	1.0	22	2.0	47	223
17	3.4	1.8	2.7	0.62	2.4	2.2	1.6	0.92	11	1.8	43	211
18	2.9	1.8	2.0	1.2	2.0	2.1	1.5	0.92	3.1	2.2	63	201
19	2.5	1.9	1.5	1.3	1.7	1.8	1.4	0.92	3.0	4.9	65	188
20	2.3	1.8	1.1	1.0	1.6	1.7	1.4	0.92	5.2	9.7	50	174
21	2.2	1.8	0.85	0.92	1.6	1.5	1.3	0.92	13	9.7	43	164
22	2.1	1.8	0.71	0.85	1.5	1.4	1.3	0.90	8.5	7.5	40	153
23	1.9	1.8	0.63	0.74	1.4	1.3	1.3	0.88	5.4	5.8	41	139
24	1.7	2.1	0.55	0.68	1.4	1.3	1.3	0.88	4.2	4.6	66	122
25	1.6	2.1	0.42	0.59	5.1	1.2	1.2	0.89	3.7	3.7	89	111
26	1.6	1.8	0.37	0.60	8.7	1.2	1.2	0.87	4.2	3.2	75	158
27	1.6	1.7	0.37	1.6	7.5	1.2	1.2	0.88	3.3	6.1	66	203
28	1.7	1.7	0.37	2.0	6.3	1.3	1.1	0.87	2.9	18	87	232
29	3.1	1.5	0.42	1.4	5.8	1.5	1.1	0.85	2.6	34	64	245
30	2.8	1.5	0.47	0.74	---	2.0	3.0	0.85	2.1	20	59	252
31	2.3	---	0.43	0.76	---	2.3	---	0.91	---	16	55	---
TOTAL	141.0	56.3	37.99	25.05	105.0	60.1	49.7	70.78	136.82	256.7	1,270.2	5,122
MEAN	4.55	1.88	1.23	0.81	3.62	1.94	1.66	2.28	4.56	8.28	41.0	171
MAX	11	2.7	4.4	2.0	8.7	5.3	3.0	19	23	34	89	253
MIN	1.6	1.3	0.37	0.41	1.4	1.1	1.1	0.85	0.92	1.8	7.1	43
MED	4.0	1.8	1.1	0.68	3.0	1.7	1.6	1.0	2.7	5.8	43	176
AC-FT	280	112	75	50	208	119	99	140	271	509	2,520	10,160

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2004, BY WATER YEAR (WY)

MEAN	4.55	1.88	14.5	21.5	3.05	3.03	2.04	3.83	6.02	5.67	26.3	90.1
MAX	4.55	1.88	27.8	42.3	3.62	4.13	2.42	5.37	7.48	8.28	41.0	171
(WY)	(2004)	(2004)	(2003)	(2003)	(2004)	(2003)	(2003)	(2003)	(2003)	(2004)	(2004)	(2004)
MIN	4.55	1.88	1.23	0.81	2.46	1.94	1.66	2.28	4.56	3.06	11.6	9.44
(WY)	(2004)	(2004)	(2004)	(2004)	(2003)	(2004)	(2004)	(2004)	(2004)	(2003)	(2003)	(2003)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2002 - 2004	
ANNUAL TOTAL	2,943.76		7,331.64			
ANNUAL MEAN	8.07		20.0		20.0	
HIGHEST ANNUAL MEAN					20.0	2004
LOWEST ANNUAL MEAN					20.0	2004
HIGHEST DAILY MEAN	114	Jan 1	253	Sep 12	253	Sep 12, 2004
LOWEST DAILY MEAN	0.00	Jun 17	0.37	Dec 26	0.00	Jun 17, 2003
ANNUAL SEVEN-DAY MINIMUM	0.29	Jul 6	0.41	Dec 26	0.29	Jul 6, 2003
MAXIMUM PEAK FLOW			254	Sep 12	254	Sep 12, 2004
MAXIMUM PEAK STAGE			6.66	Sep 12	6.66	Sep 12, 2004
ANNUAL RUNOFF (AC-FT)	5,840		14,540		14,510	
10 PERCENT EXCEEDS	15		59		59	
50 PERCENT EXCEEDS	3.2		2.0		2.0	
90 PERCENT EXCEEDS	1.1		0.85		0.85	

02294760 BARBER BRANCH NEAR HOMELAND, FL.---Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.57	2.18	2.15	2.14	2.37	2.37	2.20	2.68	2.12	2.17	2.99	3.43
2	2.54	2.17	2.13	2.15	2.49	2.34	2.18	2.80	2.12	2.28	2.97	3.67
3	2.52	2.15	2.12	2.15	2.42	2.30	2.17	2.32	2.13	2.57	2.82	3.75
4	2.50	2.14	2.12	2.16	2.35	2.27	2.16	2.23	2.12	2.83	2.75	3.50
5	2.47	2.14	2.12	2.17	2.30	2.24	2.16	2.19	2.12	2.74	2.71	3.83
6	2.42	2.18	2.12	2.17	2.28	2.22	2.16	2.17	2.12	2.63	2.63	5.24
7	2.35	2.22	2.12	2.16	2.27	2.20	2.17	2.15	2.12	2.56	2.60	5.27
8	2.33	2.22	2.12	2.17	2.24	2.19	2.18	2.15	2.12	2.47	2.55	5.32
9	2.33	2.20	2.13	2.18	2.21	2.18	2.17	2.15	2.13	2.37	2.52	5.68
10	2.35	2.19	2.13	2.18	2.19	2.17	2.13	2.15	2.15	2.29	2.49	6.26
11	2.37	2.18	2.12	2.17	2.18	2.16	2.13	2.15	2.18	2.25	2.43	6.55
12	2.39	2.19	2.12	2.17	2.17	2.15	2.21	2.15	2.18	2.25	2.70	6.65
13	2.39	2.19	2.12	2.17	2.17	2.14	2.22	2.15	2.17	2.23	3.56	6.63
14	2.36	2.18	2.22	2.17	2.18	2.14	2.21	2.14	2.22	2.21	3.94	6.56
15	2.34	2.17	2.31	2.17	2.28	2.14	2.19	2.14	2.91	2.20	2.93	6.42
16	2.29	2.17	2.26	2.16	2.25	2.18	2.17	2.14	2.91	2.18	3.52	6.27
17	2.26	2.17	2.24	2.16	2.22	2.20	2.16	2.13	2.56	2.17	3.43	6.12
18	2.24	2.17	2.21	2.21	2.19	2.19	2.15	2.13	2.25	2.20	3.83	5.99
19	2.22	2.18	2.18	2.22	2.17	2.17	2.15	2.13	2.24	2.33	3.87	5.82
20	2.20	2.17	2.17	2.20	2.17	2.16	2.14	2.13	2.33	2.53	3.57	5.62
21	2.20	2.17	2.15	2.19	2.17	2.15	2.14	2.13	2.65	2.53	3.42	5.49
22	2.19	2.17	2.15	2.18	2.16	2.15	2.14	2.13	2.48	2.44	3.35	5.32
23	2.18	2.17	2.15	2.18	2.15	2.14	2.14	2.13	2.35	2.37	3.38	5.13
24	2.16	2.19	2.15	2.17	2.16	2.13	2.14	2.13	2.30	2.32	3.89	4.85
25	2.16	2.19	2.14	2.16	2.35	2.13	2.13	2.13	2.28	2.28	4.32	4.69
26	2.16	2.17	2.14	2.16	2.51	2.13	2.13	2.13	2.30	2.25	4.07	5.38
27	2.16	2.17	2.14	2.24	2.46	2.13	2.13	2.13	2.26	2.37	3.89	6.01
28	2.17	2.16	2.14	2.27	2.42	2.14	2.12	2.13	2.24	2.78	4.28	6.39
29	2.25	2.15	2.15	2.23	2.39	2.15	2.12	2.12	2.22	3.21	3.86	6.55
30	2.23	2.15	2.15	2.17	---	2.18	2.21	2.12	2.19	2.86	3.75	6.63
31	2.20	---	2.15	2.18	---	2.20	---	2.13	---	2.74	3.67	---
MEAN	2.31	2.17	2.16	2.18	2.27	2.19	2.16	2.19	2.28	2.44	3.31	5.50
MAX	2.57	2.22	2.31	2.27	2.51	2.37	2.22	2.80	2.91	3.21	4.32	6.65
MIN	2.16	2.14	2.12	2.14	2.15	2.13	2.12	2.12	2.12	2.17	2.43	3.43

02294760 BARBER BRANCH NEAR HOMELAND, FL.---Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	250	10	7.2	9.6	16	18	5.5	1.9	16	96	19	37
2	240	9.8	6.9	9.0	15	15	7.8	1.8	18	84	23	30
3	223	9.7	6.7	8.3	15	11	7.2	1.6	19	83	22	35
4	210	9.6	6.4	7.8	14	9.7	5.4	1.6	23	78	24	41
5	197	9.7	8.7	7.6	13	8.0	4.2	1.6	31	71	21	34
6	186	9.1	9.3	9.2	13	6.0	3.4	1.9	27	69	23	28
7	172	8.5	9.6	13	12	4.4	2.9	1.9	22	69	30	24
8	158	8.0	9.1	15	12	3.3	2.9	4.9	19	67	29	21
9	146	7.7	9.1	17	12	3.3	2.5	9.2	17	67	24	18
10	133	7.8	9.2	18	12	3.9	2.2	11	19	60	27	17
11	124	8.6	9.1	15	11	3.6	2.1	13	24	59	27	16
12	116	9.4	8.3	14	11	2.9	2.0	22	30	70	28	15
13	109	10	7.8	13	9.8	2.4	2.1	19	32	59	23	11
14	100	11	7.3	19	9.1	2.5	2.0	16	36	55	20	5.8
15	92	10	6.3	25	8.8	2.4	1.8	15	47	51	22	6.9
16	84	9.9	6.0	26	8.8	2.3	1.6	15	64	49	22	7.0
17	77	9.5	6.4	26	8.6	10	1.3	14	48	45	22	6.5
18	70	9.3	6.8	25	8.3	17	1.3	11	41	42	23	6.3
19	64	9.0	6.3	24	7.6	14	5.9	7.3	31	40	22	7.0
20	57	8.8	5.4	23	7.1	14	7.0	6.1	30	40	18	7.5
21	43	8.7	4.9	22	6.7	17	5.1	6.4	33	38	15	7.9
22	28	8.5	4.6	22	6.5	26	3.9	5.7	46	36	19	8.9
23	22	8.8	4.5	23	6.5	23	3.0	5.3	90	35	20	8.5
24	19	9.6	4.7	23	6.7	21	2.7	5.3	75	34	25	7.7
25	18	13	9.2	23	6.8	19	4.9	9.6	64	35	22	7.1
26	16	11	17	22	7.1	18	5.4	12	58	30	21	6.7
27	16	9.9	14	19	14	15	6.9	10	69	26	23	7.5
28	14	9.1	11	19	21	13	3.6	8.7	77	24	25	9.9
29	13	8.2	10	18	---	9.5	1.7	7.6	79	22	22	9.4
30	12	7.9	9.8	17	---	7.4	1.5	6.9	97	21	20	8.3
31	11	---	9.5	17	---	6.4	---	8.1	---	19	25	---
TOTAL	3,020	280.1	251.1	549.5	299.4	329.0	109.8	261.4	1,282	1,574	706	455.9
MEAN	97.4	9.34	8.10	17.7	10.7	10.6	3.66	8.43	42.7	50.8	22.8	15.2
MAX	250	13	17	26	21	26	7.8	22	97	96	30	41
MIN	11	7.7	4.5	7.6	6.5	2.3	1.3	1.6	16	19	15	5.8
MED	84	9.4	7.8	18	10	9.7	3.0	7.6	32	49	22	9.1
AC-FT	5,990	556	498	1,090	594	653	218	518	2,540	3,120	1,400	904

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

MEAN	51.0	5.61	12.4	20.3	5.57	5.56	2.58	5.36	18.3	20.7	25.1	65.1
MAX	97.4	9.34	27.8	42.3	10.7	10.6	3.66	8.43	42.7	50.8	41.0	171
(WY)	(2005)	(2005)	(2003)	(2003)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)
MIN	4.55	1.88	1.23	0.81	2.46	1.94	1.66	2.28	4.56	3.06	11.6	9.44
(WY)	(2004)	(2004)	(2004)	(2004)	(2003)	(2004)	(2004)	(2004)	(2004)	(2003)	(2003)	(2003)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2002 - 2005	
ANNUAL TOTAL	10,647.55		9,118.2			
ANNUAL MEAN	29.1		25.0		22.5	
HIGHEST ANNUAL MEAN					25.0	2005
LOWEST ANNUAL MEAN					20.0	2004
HIGHEST DAILY MEAN	253	Sep 12	250	Oct 1	253	Sep 12, 2004
LOWEST DAILY MEAN	0.41	Jan 1	1.3	Apr 17	0.00	Jun 17, 2003
ANNUAL SEVEN-DAY MINIMUM	0.54	Jan 1	1.7	Apr 29	0.29	Jul 6, 2003
MAXIMUM PEAK FLOW			112	Jun 30	254	Sep 12, 2004
MAXIMUM PEAK STAGE			4.70	Jun 30	6.66	Sep 12, 2004
ANNUAL RUNOFF (AC-FT)	21,120		18,090		16,300	
10 PERCENT EXCEEDS	112		64		60	
50 PERCENT EXCEEDS	5.1		13		7.5	
90 PERCENT EXCEEDS	0.92		4.3		1.1	

02294760 BARBER BRANCH NEAR HOMELAND, FL.---Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.61	2.55	2.43	2.52	2.73	2.78	2.36	2.18	2.72	4.44	2.83	3.29
2	6.49	2.53	2.42	2.50	2.71	2.70	2.46	2.17	2.81	4.23	2.93	3.13
3	6.28	2.53	2.41	2.48	2.70	2.57	2.43	2.16	2.83	4.21	2.91	3.23
4	6.10	2.53	2.40	2.46	2.68	2.53	2.36	2.16	2.94	4.12	2.97	3.39
5	5.94	2.53	2.49	2.45	2.64	2.47	2.30	2.16	3.15	4.00	2.88	3.22
6	5.79	2.51	2.51	2.51	2.63	2.38	2.26	2.18	3.05	3.95	2.94	3.07
7	5.60	2.48	2.53	2.63	2.62	2.31	2.24	2.18	2.90	3.96	3.13	2.96
8	5.41	2.47	2.51	2.72	2.62	2.26	2.24	2.33	2.81	3.92	3.10	2.89
9	5.22	2.45	2.50	2.77	2.62	2.26	2.21	2.51	2.77	3.91	2.96	2.83
10	5.03	2.46	2.51	2.78	2.62	2.29	2.20	2.59	2.83	3.79	3.03	2.79
11	4.89	2.49	2.51	2.72	2.59	2.27	2.19	2.65	2.97	3.76	3.03	2.76
12	4.77	2.52	2.48	2.66	2.56	2.24	2.19	2.90	3.11	3.97	3.08	2.72
13	4.66	2.56	2.45	2.63	2.53	2.21	2.19	2.83	3.16	3.76	2.92	2.61
14	4.51	2.57	2.44	2.82	2.51	2.21	2.18	2.75	3.27	3.67	2.85	2.42
15	4.36	2.55	2.40	3.00	2.50	2.21	2.17	2.70	3.51	3.60	2.90	2.46
16	4.23	2.53	2.39	3.01	2.49	2.20	2.16	2.69	3.85	3.55	2.90	2.46
17	4.11	2.52	2.40	3.02	2.49	2.53	2.14	2.67	3.54	3.46	2.92	2.44
18	3.98	2.51	2.42	3.00	2.48	2.76	2.14	2.57	3.38	3.39	2.93	2.44
19	3.85	2.50	2.40	2.97	2.45	2.68	2.36	2.44	3.13	3.35	2.90	2.46
20	3.72	2.49	2.36	2.93	2.43	2.67	2.43	2.39	3.11	3.35	2.80	2.48
21	3.42	2.49	2.33	2.90	2.41	2.77	2.34	2.40	3.18	3.32	2.70	2.50
22	3.06	2.48	2.32	2.91	2.40	3.02	2.29	2.37	3.47	3.27	2.83	2.54
23	2.90	2.50	2.32	2.95	2.41	2.94	2.24	2.35	4.34	3.25	2.86	2.53
24	2.84	2.53	2.33	2.94	2.41	2.89	2.22	2.35	4.06	3.22	2.99	2.49
25	2.79	2.63	2.50	2.93	2.42	2.83	2.33	2.51	3.85	3.24	2.90	2.47
26	2.74	2.59	2.78	2.92	2.43	2.78	2.36	2.61	3.73	3.13	2.89	2.45
27	2.73	2.54	2.67	2.82	2.67	2.72	2.42	2.54	3.94	3.03	2.93	2.48
28	2.68	2.50	2.59	2.81	2.88	2.63	2.26	2.49	4.10	2.96	3.00	2.58
29	2.64	2.47	2.54	2.79	---	2.52	2.16	2.45	4.14	2.91	2.92	2.56
30	2.62	2.46	2.53	2.78	---	2.44	2.15	2.42	4.46	2.88	2.87	2.52
31	2.58	---	2.52	2.76	---	2.40	---	2.47	---	2.83	2.99	---
MEAN	4.28	2.52	2.46	2.78	2.56	2.53	2.27	2.46	3.37	3.56	2.93	2.71
MAX	6.61	2.63	2.78	3.02	2.88	3.02	2.46	2.90	4.46	4.44	3.13	3.39
MIN	2.58	2.45	2.32	2.45	2.40	2.20	2.14	2.16	2.72	2.83	2.70	2.42

02294775 PEACE RIVER AT CLEAR SPRINGS NEAR BARTOW, FL

LOCATION.--Lat 27°51'48", long 81°48'27" (1983 North American datum), in NW$^{1}/_{4}$ sec.22, T.30 S., R.25 E., Polk County, Hydrologic Unit 03100101, near right bank on downstream side of bridge, 1.1 mi southeast of Bartow city limits, and 101 mi upstream from mouth.

DRAINAGE AREA.--396 mi^2.

PERIOD OF RECORD.--May 2002 to current year.

GAGE.--Water-stage recorder. Datum of gage is 49.67 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good. Loss of water to ground-water system may occur each year. Water year 2005; maximum discharge, 2,890 cfs, Oct. 1, stage falling, peak occurred Sept. 29, 2004; maximum peak discharge, 1,800 cfs, July 3, gage height, 40.24 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	142	54	19	38	312	318	28	5.0	0.85	13	83	819
2	139	52	17	35	312	268	20	7.5	0.92	42	103	846
3	137	50	17	33	311	197	16	14	1.0	83	112	894
4	132	47	16	33	274	139	14	24	0.88	89	148	907
5	127	45	16	39	177	112	11	20	0.86	95	174	1,020
6	120	53	16	41	126	94	9.1	18	0.85	93	183	1,430
7	114	71	14	38	102	81	8.4	16	0.89	78	189	1,560
8	170	66	14	34	86	76	9.1	13	1.1	67	224	1,680
9	182	66	15	33	76	71	8.6	9.1	1.4	60	283	2,150
10	197	66	15	33	71	66	7.7	5.7	2.6	51	295	2,650
11	196	65	15	30	67	60	6.0	3.5	8.7	43	303	2,850
12	193	64	14	30	62	54	17	2.3	16	43	305	2,950
13	202	62	15	30	58	49	24	1.8	17	30	334	2,900
14	232	58	28	29	54	44	21	1.8	18	21	527	2,830
15	254	55	40	28	56	41	19	1.8	49	15	584	2,720
16	253	52	42	27	53	51	16	1.8	63	11	588	2,590
17	219	49	49	24	51	62	13	1.8	68	8.5	553	2,500
18	188	47	49	33	50	117	10	1.6	67	7.8	569	2,430
19	177	45	50	44	50	204	7.8	1.6	65	14	623	2,330
20	169	43	49	49	49	246	6.2	1.6	65	24	731	2,210
21	118	41	47	50	48	258	5.4	1.6	69	53	726	2,130
22	82	38	45	50	47	254	4.5	1.5	62	40	682	2,050
23	73	35	44	47	46	185	3.5	1.4	56	34	663	1,930
24	68	33	44	44	45	92	2.8	1.3	48	33	718	1,750
25	63	31	43	42	81	71	2.2	1.2	37	30	776	1,700
26	55	28	42	40	174	64	1.8	1.1	29	25	837	2,050
27	51	27	41	56	272	60	1.7	1.1	22	26	842	2,420
28	50	25	40	115	311	56	1.6	1.0	18	33	947	2,610
29	60	22	39	194	323	49	1.5	0.95	18	65	900	2,810
30	57	20	41	248	---	44	1.8	0.91	16	64	873	2,880
31	56	---	40	277	---	37	---	0.87	---	70	868	---
TOTAL	4,276	1,410	976	1,844	3,744	3,520	298.7	164.83	823.05	1,361.3	15,743	62,596
MEAN	138	47.0	31.5	59.5	129	114	9.96	5.32	27.4	43.9	508	2,087
MAX	254	71	50	277	323	318	28	24	69	95	947	2,950
MIN	50	20	14	24	45	37	1.5	0.87	0.85	7.8	83	819
MED	137	48	40	38	71	71	8.5	1.8	18	40	569	2,180
AC-FT	8,480	2,800	1,940	3,660	7,430	6,980	592	327	1,630	2,700	31,230	124,200
CFSM	0.35	0.12	0.08	0.15	0.33	0.29	0.03	0.01	0.07	0.11	1.28	5.27
IN.	0.40	0.13	0.09	0.17	0.35	0.33	0.03	0.02	0.08	0.13	1.48	5.88

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2004, BY WATER YEAR (WY)

MEAN	141	118	348	554	172	234	100	22.3	202	289	483	993
MAX	143	189	665	1,049	215	355	191	39.2	573	659	764	2,087
(WY)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)
MIN	138	47.0	31.5	59.5	129	114	9.96	5.32	4.23	43.9	177	441
(WY)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2002)	(2004)	(2002)	(2002)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2002 - 2004	
ANNUAL TOTAL	137,947.7		96,756.88			
ANNUAL MEAN	378		264		354	
HIGHEST ANNUAL MEAN					444	2003
LOWEST ANNUAL MEAN					264	2004
HIGHEST DAILY MEAN	1,850	Jan 6	2,950	Sep 12	2,950	Sep 12, 2004
LOWEST DAILY MEAN	2.6	May 18	0.85	Jun 1	0.00	May 15, 2002
ANNUAL SEVEN-DAY MINIMUM	6.0	May 12	0.89	May 31	0.00	May 15, 2002
MAXIMUM PEAK FLOW			2,960	Sep 12	2,960	Sep 12, 2004
MAXIMUM PEAK STAGE			42.52	Sep 12	42.52	Sep 12, 2004
ANNUAL RUNOFF (AC-FT)	273,600		191,900		256,400	
ANNUAL RUNOFF (CFSM)	0.954		0.668		0.894	
ANNUAL RUNOFF (INCHES)	12.96		9.09		12.15	
10 PERCENT EXCEEDS	938		789		932	
50 PERCENT EXCEEDS	215		50		164	
90 PERCENT EXCEEDS	39		2.7		14	

02294775 PEACE RIVER AT CLEAR SPRINGS NEAR BARTOW, FL—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36.46	35.40	34.64	35.07	37.36	37.43	34.87	34.09	33.50	34.70	36.24	39.57
2	36.44	35.36	34.61	35.02	37.36	37.21	34.69	34.25	33.52	35.38	36.48	39.63
3	36.42	35.31	34.58	34.97	37.36	36.83	34.56	34.48	33.56	36.16	36.57	39.74
4	36.39	35.25	34.56	34.98	37.19	36.44	34.49	34.78	33.51	36.25	36.86	39.77
5	36.35	35.21	34.57	35.09	36.65	36.22	34.42	34.66	33.51	36.31	37.06	39.99
6	36.29	35.37	34.55	35.12	36.29	36.05	34.33	34.62	33.51	36.28	37.13	40.73
7	36.24	35.73	34.51	35.07	36.10	35.91	34.30	34.57	33.52	36.10	37.18	40.93
8	36.66	35.63	34.51	35.01	35.93	35.81	34.34	34.48	33.57	35.90	37.39	41.10
9	36.74	35.63	34.52	34.98	35.79	35.73	34.31	34.33	33.65	35.75	37.70	41.69
10	36.83	35.63	34.55	34.98	35.69	35.64	34.27	34.14	33.84	35.58	37.77	42.23
11	36.83	35.61	34.53	34.90	35.63	35.52	34.16	33.96	34.29	35.40	37.83	42.42
12	36.81	35.59	34.50	34.91	35.53	35.40	34.51	33.81	34.56	35.40	37.85	42.51
13	36.86	35.54	34.53	34.91	35.44	35.29	34.78	33.73	34.59	35.15	38.00	42.47
14	37.03	35.48	34.83	34.89	35.37	35.19	34.71	33.72	34.63	34.95	38.75	42.40
15	37.14	35.42	35.11	34.86	35.42	35.13	34.64	33.73	35.29	34.78	38.94	42.28
16	37.14	35.36	35.15	34.83	35.35	35.33	34.57	33.74	35.57	34.65	38.95	42.13
17	36.96	35.30	35.28	34.78	35.32	35.55	34.47	33.72	35.67	34.55	38.84	42.01
18	36.78	35.24	35.29	34.95	35.30	36.24	34.37	33.70	35.66	34.51	38.89	41.90
19	36.71	35.21	35.32	35.19	35.30	36.87	34.27	33.70	35.62	34.74	39.05	41.75
20	36.65	35.16	35.30	35.30	35.28	37.10	34.18	33.70	35.60	35.01	39.35	41.57
21	36.26	35.11	35.25	35.31	35.27	37.16	34.13	33.69	35.71	35.61	39.34	41.43
22	35.91	35.07	35.21	35.30	35.26	37.14	34.05	33.67	35.60	35.36	39.22	41.28
23	35.77	35.02	35.19	35.26	35.23	36.74	33.96	33.65	35.50	35.24	39.17	41.10
24	35.67	34.98	35.18	35.20	35.22	36.02	33.88	33.64	35.37	35.21	39.32	40.84
25	35.58	34.92	35.17	35.14	35.85	35.73	33.80	33.61	35.18	35.14	39.46	40.78
26	35.42	34.87	35.14	35.09	36.68	35.60	33.74	33.58	35.05	35.05	39.61	41.31
27	35.33	34.84	35.12	35.40	37.23	35.52	33.71	33.57	34.92	35.06	39.62	41.85
28	35.31	34.80	35.09	36.19	37.40	35.43	33.69	33.55	34.83	35.23	39.86	42.12
29	35.51	34.72	35.09	36.75	37.46	35.30	33.68	33.54	34.85	35.89	39.75	42.36
30	35.45	34.67	35.12	37.05	---	35.18	33.73	33.52	34.79	35.88	39.69	42.44
31	35.43	---	35.10	37.20	---	35.05	---	33.51	---	36.01	39.68	---
MEAN	36.30	35.25	34.91	35.28	36.04	35.99	34.25	33.92	34.63	35.39	38.44	41.41
MAX	37.14	35.73	35.32	37.20	37.46	37.43	34.87	34.78	35.71	36.31	39.86	42.51
MIN	35.31	34.67	34.50	34.78	35.22	35.05	33.68	33.51	33.50	34.51	36.24	39.57

02294775 PEACE RIVER AT CLEAR SPRINGS NEAR BARTOW, FL---Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,870	592	283	179	214	225	360	257	149	1,760	768	581
2	2,790	577	279	173	211	338	324	253	173	1,760	743	539
3	2,680	565	273	166	207	376	316	235	187	1,770	725	520
4	2,570	552	267	159	200	391	297	230	216	1,740	692	517
5	2,450	544	261	152	193	388	289	232	264	1,690	661	514
6	2,340	532	255	182	189	386	279	297	301	1,760	679	508
7	2,240	523	250	211	188	383	266	382	395	1,770	742	508
8	2,140	511	247	217	187	325	256	418	485	1,690	798	528
9	2,050	438	246	216	186	253	253	426	531	1,570	774	520
10	1,970	385	246	213	184	244	264	375	626	1,450	762	509
11	1,910	370	245	209	178	236	255	298	744	1,370	774	496
12	1,860	363	229	205	175	231	243	298	831	1,330	792	482
13	1,790	358	219	198	175	225	234	282	900	1,270	802	403
14	1,730	351	209	239	176	220	227	260	890	1,230	816	319
15	1,670	343	195	328	169	219	207	215	797	1,230	832	284
16	1,620	336	187	383	155	221	167	198	813	1,270	836	262
17	1,570	329	181	403	139	290	144	179	749	1,240	836	244
18	1,520	324	174	407	123	419	130	165	673	1,210	834	230
19	1,450	318	162	405	105	520	116	153	620	1,150	821	217
20	1,370	313	147	405	85	567	105	151	585	1,100	732	202
21	1,130	308	133	402	73	602	96	144	598	1,080	619	192
22	946	302	125	401	67	687	94	133	606	1,050	597	179
23	871	301	120	402	64	697	98	129	815	1,010	558	170
24	831	297	116	392	63	692	110	126	1,020	950	544	162
25	804	322	132	310	62	678	115	124	1,200	962	515	153
26	782	312	174	241	64	658	117	134	1,290	766	538	144
27	763	301	162	237	97	636	149	126	1,300	694	597	136
28	746	298	167	239	142	610	201	121	1,310	792	618	139
29	702	293	175	245	---	582	247	115	1,340	812	594	175
30	638	290	181	236	---	560	258	110	1,550	812	567	216
31	610	---	181	222	---	458	---	116	---	782	555	---
TOTAL	49,413	11,648	6,221	8,377	4,071	13,317	6,217	6,682	21,958	39,070	21,721	10,049
MEAN	1,594	388	201	270	145	430	207	216	732	1,260	701	335
MAX	2,870	592	283	407	214	697	360	426	1,550	1,770	836	581
MIN	610	290	116	152	62	219	94	110	149	694	515	136
MED	1,620	340	187	237	172	388	231	198	708	1,230	732	273
AC-FT	98,010	23,100	12,340	16,620	8,070	26,410	12,330	13,250	43,550	77,500	43,080	19,930
CFSM	4.03	0.98	0.51	0.68	0.37	1.08	0.52	0.54	1.85	3.18	1.77	0.85
IN.	4.64	1.09	0.58	0.79	0.38	1.25	0.58	0.63	2.06	3.67	2.04	0.94

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

MEAN	625	208	299	459	163	299	136	86.7	334	532	537	828
MAX	1,594	388	665	1,049	215	430	207	216	732	1,260	764	2,087
(WY)	(2005)	(2005)	(2003)	(2003)	(2003)	(2005)	(2005)	(2005)	(2005)	(2005)	(2003)	(2004)
MIN	138	47.0	31.5	59.5	129	114	9.96	5.32	4.23	43.9	177	335
(WY)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2002)	(2004)	(2002)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2002 - 2005	
ANNUAL TOTAL	157,376.88		198,744			
ANNUAL MEAN	430		545		417	
HIGHEST ANNUAL MEAN					545	2005
LOWEST ANNUAL MEAN					264	2004
HIGHEST DAILY MEAN	2,950	Sep 12	2,870	Oct 1	2,950	Sep 12, 2004
LOWEST DAILY MEAN	0.85	Jun 1	62	Feb 25	0.00	May 15, 2002
ANNUAL SEVEN-DAY MINIMUM	0.89	May 31	68	Feb 20	0.00	May 15, 2002
MAXIMUM PEAK FLOW			1,800	Jul 3	2,960	Sep 12, 2004
MAXIMUM PEAK STAGE			40.24	Jul 3	42.52	Sep 12, 2004
ANNUAL RUNOFF (AC-FT)	312,200		394,200		302,400	
ANNUAL RUNOFF (CFSM)	1.09		1.38		1.05	
ANNUAL RUNOFF (INCHES)	14.78		18.67		14.32	
10 PERCENT EXCEEDS	1,690		1,290		986	
50 PERCENT EXCEEDS	88		325		215	
90 PERCENT EXCEEDS	2.7		139		24	

02294775 PEACE RIVER AT CLEAR SPRINGS NEAR BARTOW, FL—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42.42	38.47	37.37	36.79	37.01	37.05	37.71	37.24	36.55	40.19	38.60	38.14
2	42.34	38.43	37.35	36.75	36.99	37.62	37.56	37.22	36.72	40.20	38.54	38.02
3	42.21	38.39	37.32	36.70	36.96	37.77	37.53	37.13	36.80	40.21	38.50	37.96
4	42.07	38.35	37.29	36.65	36.92	37.83	37.44	37.10	36.97	40.17	38.42	37.95
5	41.92	38.33	37.27	36.60	36.88	37.82	37.40	37.11	37.22	40.11	38.35	37.94
6	41.77	38.30	37.24	36.81	36.85	37.81	37.35	37.43	37.39	40.19	38.39	37.92
7	41.61	38.27	37.21	36.99	36.85	37.80	37.29	37.80	37.77	40.20	38.54	37.92
8	41.45	38.23	37.20	37.02	36.84	37.56	37.24	37.93	38.07	40.11	38.67	37.98
9	41.28	38.00	37.19	37.02	36.84	37.22	37.23	37.96	38.20	39.95	38.62	37.96
10	41.12	37.81	37.19	37.00	36.83	37.18	37.28	37.77	38.45	39.79	38.59	37.93
11	41.00	37.75	37.18	36.98	36.79	37.14	37.24	37.44	38.73	39.68	38.62	37.89
12	40.89	37.72	37.10	36.95	36.76	37.11	37.17	37.44	38.92	39.61	38.66	37.84
13	40.77	37.70	37.04	36.91	36.76	37.07	37.13	37.37	39.05	39.53	38.68	37.57
14	40.64	37.67	36.98	37.14	36.77	37.04	37.08	37.26	39.02	39.46	38.71	37.24
15	40.52	37.64	36.89	37.58	36.72	37.04	36.97	37.01	38.82	39.47	38.74	37.08
16	40.41	37.61	36.84	37.80	36.62	37.05	36.70	36.91	38.84	39.53	38.75	36.97
17	40.30	37.58	36.81	37.87	36.49	37.40	36.53	36.79	38.69	39.48	38.75	36.88
18	40.20	37.56	36.75	37.89	36.35	37.93	36.42	36.69	38.50	39.43	38.75	36.80
19	40.09	37.54	36.67	37.88	36.18	38.26	36.30	36.60	38.35	39.33	38.72	36.72
20	39.97	37.51	36.56	37.88	35.97	38.40	36.19	36.59	38.25	39.25	38.52	36.64
21	39.60	37.49	36.44	37.87	35.82	38.49	36.10	36.54	38.28	39.21	38.24	36.57
22	39.27	37.46	36.37	37.87	35.73	38.71	36.07	36.44	38.28	39.17	38.18	36.49
23	39.12	37.46	36.33	37.87	35.70	38.74	36.11	36.41	38.78	39.08	38.07	36.43
24	39.04	37.44	36.29	37.83	35.68	38.72	36.24	36.39	39.17	38.98	38.03	36.37
25	38.98	37.55	36.42	37.49	35.67	38.69	36.29	36.36	39.47	39.00	37.94	36.30
26	38.93	37.51	36.76	37.16	35.69	38.64	36.30	36.45	39.60	38.59	38.01	36.23
27	38.89	37.46	36.67	37.14	36.07	38.58	36.57	36.38	39.62	38.43	38.18	36.17
28	38.85	37.44	36.71	37.15	36.52	38.52	36.93	36.34	39.62	38.65	38.24	36.19
29	38.75	37.42	36.76	37.18	---	38.44	37.19	36.28	39.65	38.70	38.17	36.46
30	38.59	37.41	36.80	37.13	---	38.38	37.25	36.24	39.94	38.70	38.10	36.72
31	38.52	---	36.80	37.06	---	38.06	---	36.28	---	38.63	38.06	---
MEAN	40.37	37.78	36.90	37.26	36.47	37.87	36.89	36.93	38.46	39.45	38.43	37.18
MAX	42.42	38.47	37.37	37.89	37.01	38.74	37.71	37.96	39.94	40.21	38.75	38.14
MIN	38.52	37.41	36.29	36.60	35.67	37.04	36.07	36.24	36.55	38.43	37.94	36.17

02294781 PEACE RIVER NEAR HOMELAND, FL.

LOCATION.--Lat 27° 49'15", long 81° 47'59" (1927 North American datum), in SE 1/ 4 sec.34, T.30 S., R.25 E., Polk County, Hydrologic Unit 03100101, near center of span on downstream side of bridge on State Highway 640, 1.6 mi east of U. S. Highway 17 in Homeland, and 97 mi upstream from mouth.

DRAINAGE AREA.--411 mi^2.

PERIOD OF RECORD.--1974, 1979 (miscellaneous highwater discharge measurements only); October 1980 to June 1998 (discharge measurements only); July 1998 to September 2001 (gage heights and discharge measurements only); October 2001 to current year.

REVISED RECORDS.--WRD FL-98-3A: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark).

REMARKS.--Loss of water to ground-water system may occur each year.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e190	74	34	53	286	337	48	39	1.6	37	142	933
2	e187	71	32	51	309	320	41	45	2.0	55	156	911
3	e180	68	31	48	309	268	35	40	3.0	102	155	969
4	e172	65	30	47	305	188	30	50	2.3	117	167	982
5	e165	62	30	50	250	146	28	45	2.1	121	193	1,120
6	e155	65	30	54	166	125	25	39	2.1	120	209	1,680
7	143	91	28	52	132	110	22	37	1.8	112	216	1,860
8	180	90	27	50	113	101	23	33	2.0	98	227	1,900
9	196	87	28	48	100	93	23	27	2.9	86	274	2,210
10	217	87	29	48	91	87	21	21	6.3	76	324	2,780
11	226	86	29	45	86	79	18	15	14	68	344	3,150
12	226	83	27	44	80	72	29	9.7	27	66	362	3,350
13	227	81	27	44	74	65	47	7.1	32	57	407	3,400
14	240	76	44	44	70	60	43	6.1	37	48	605	3,300
15	272	72	63	43	76	56	39	5.8	74	40	666	3,160
16	283	69	62	41	72	65	36	5.8	98	34	704	3,010
17	273	66	68	40	68	84	32	5.7	90	29	680	2,850
18	231	63	66	46	66	106	27	5.1	82	27	711	2,720
19	203	61	67	61	64	164	23	4.8	78	40	768	2,570
20	191	59	66	64	64	218	20	4.8	78	60	815	2,400
21	167	55	63	64	63	248	17	4.5	93	77	845	2,270
22	120	53	60	64	62	258	15	4.1	83	74	826	2,120
23	101	51	59	62	61	241	12	3.8	75	63	802	1,980
24	92	49	58	59	60	152	9.4	3.5	70	59	822	1,790
25	85	47	57	56	109	100	7.6	3.2	61	55	866	1,680
26	76	45	56	54	164	87	6.4	2.9	56	51	942	2,060
27	69	42	55	67	235	79	5.7	2.7	50	55	966	2,600
28	67	41	53	103	299	74	5.5	2.4	45	97	1,070	2,890
29	81	38	53	152	329	68	4.9	2.1	43	167	1,060	3,170
30	79	35	53	201	---	61	13	2.0	41	128	1,010	3,360
31	76	---	54	243	---	55	---	1.8	---	116	1,010	---
MEAN	167	64.4	46.4	67.7	144	134	23.6	15.4	41.8	75.3	592	2,306
MAX	283	91	68	243	329	337	48	50	98	167	1,070	3,400
MIN	67	35	27	40	60	55	4.9	1.8	1.6	27	142	911

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2004, BY WATER YEAR (WY)

MEAN	187	108	324	466	128	179	78.9	24.1	222	299	528	1,127
MAX	219	218	915	1,323	226	392	207	55.4	603	628	772	2,306
(WY)	(2002)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)
MIN	167	41.4	9.65	7.44	14.9	12.2	5.82	1.48	19.6	75.3	220	474
(WY)	(2004)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2004)	(2002)	(2003)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2002 - 2004	
ANNUAL MEAN	416		304		306	
HIGHEST ANNUAL MEAN					503	2003
LOWEST ANNUAL MEAN					112	2002
HIGHEST DAILY MEAN	2,380	Jan 6	3,400	Sep 13	3,400	Sep 13, 2004
LOWEST DAILY MEAN	4.2	May 18	1.6	Jun 1	0.00	May 26, 2002
ANNUAL SEVEN-DAY MINIMUM	11	May 13	2.1	May 27	0.12	May 24, 2002
MAXIMUM PEAK FLOW			3,440	Sep 13	3,440	Sep 13, 2004
MAXIMUM PEAK STAGE			91.44	Sep 13	91.44	Sep 13, 2004
10 PERCENT EXCEEDS	1,010		880		850	
50 PERCENT EXCEEDS	240		67		106	
90 PERCENT EXCEEDS	52		11		5.8	

e Estimated

02294781 PEACE RIVER NEAR HOMELAND, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	83.07	82.17	82.62	85.21	85.48	82.48	82.25	81.18	82.25	84.08	88.20
2	---	83.03	82.13	82.58	85.33	85.39	82.28	82.40	81.21	82.65	84.24	88.16
3	---	82.96	82.11	82.52	85.33	85.10	82.12	82.27	81.26	83.57	84.24	88.29
4	---	82.90	82.08	82.50	85.31	84.55	82.02	82.52	81.23	83.79	84.35	88.32
5	---	82.84	82.07	82.56	84.99	84.12	81.94	82.39	81.22	83.83	84.61	88.59
6	---	82.89	82.07	82.66	84.34	83.89	81.87	82.25	81.21	83.82	84.73	89.56
7	84.09	83.39	82.03	82.60	83.96	83.69	81.80	82.18	81.20	83.72	84.77	89.82
8	84.50	83.36	82.01	82.55	83.73	83.55	81.83	82.09	81.21	83.49	84.85	89.87
9	84.64	83.32	82.03	82.51	83.53	83.43	81.82	81.94	81.26	83.30	85.14	90.25
10	84.79	83.31	82.05	82.51	83.39	83.32	81.76	81.77	81.40	83.13	85.41	90.89
11	84.85	83.30	82.05	82.45	83.31	83.18	81.69	81.62	81.63	82.95	85.52	91.24
12	84.84	83.26	82.01	82.41	83.20	83.04	81.97	81.48	81.97	82.92	85.60	91.40
13	84.85	83.21	82.01	82.42	83.09	82.90	82.44	81.40	82.09	82.73	85.80	91.42
14	84.93	83.13	82.42	82.42	83.01	82.78	82.34	81.37	82.21	82.52	86.62	91.37
15	85.13	83.05	82.86	82.38	83.11	82.69	82.25	81.37	83.06	82.34	87.19	91.26
16	85.19	82.98	82.82	82.35	83.04	82.89	82.15	81.37	83.50	82.19	87.49	91.11
17	85.13	82.92	82.95	82.31	82.96	83.27	82.05	81.36	83.36	82.07	87.47	90.95
18	84.88	82.85	82.91	82.46	82.91	83.61	81.94	81.34	83.23	82.03	87.60	90.83
19	84.68	82.81	82.93	82.80	82.88	84.32	81.83	81.33	83.16	82.34	87.75	90.67
20	84.60	82.76	82.91	82.87	82.87	84.79	81.72	81.33	83.16	82.78	87.88	90.48
21	84.35	82.68	82.85	82.88	82.85	84.98	81.65	81.32	83.41	83.13	87.97	90.33
22	83.82	82.64	82.79	82.88	82.83	85.05	81.60	81.31	83.25	83.08	87.91	90.15
23	83.56	82.59	82.76	82.83	82.80	84.94	81.53	81.29	83.10	82.84	87.84	89.98
24	83.40	82.54	82.74	82.76	82.78	84.19	81.47	81.28	83.00	82.76	87.90	89.72
25	83.28	82.49	82.72	82.70	83.63	83.53	81.41	81.27	82.81	82.69	88.03	89.57
26	83.12	82.43	82.69	82.65	84.33	83.31	81.37	81.25	82.70	82.60	88.23	90.07
27	82.99	82.38	82.66	82.92	84.90	83.18	81.34	81.24	82.55	82.67	88.28	90.70
28	82.93	82.34	82.64	83.57	85.28	83.09	81.34	81.23	82.43	83.34	88.51	90.99
29	83.22	82.27	82.63	84.19	85.44	82.95	81.31	81.21	82.40	84.36	88.49	91.27
30	83.19	82.20	82.63	84.66	---	82.80	81.53	81.21	82.36	83.91	88.37	91.40
31	83.11	---	82.65	84.95	---	82.65	---	81.19	---	83.78	88.37	---
MEAN	---	82.86	82.46	82.82	83.80	83.76	81.83	81.61	82.26	83.02	86.62	90.23
MAX	---	83.39	82.95	84.95	85.44	85.48	82.48	82.52	83.50	84.36	88.51	91.42
MIN	---	82.20	82.01	82.31	82.78	82.65	81.31	81.19	81.18	82.03	84.08	88.16

02294781 PEACE RIVER NEAR HOMELAND, FL.---Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3,360	714	291	177	231	165	457	238	126	2,040	921	668
2	3,230	687	284	173	223	247	373	236	156	2,080	936	642
3	3,060	666	279	167	218	343	343	223	170	2,090	879	612
4	2,900	647	271	161	212	389	315	210	195	2,050	861	597
5	2,740	632	266	154	202	396	297	208	264	1,980	800	586
6	2,590	615	262	155	193	392	284	231	278	1,960	787	572
7	2,450	600	254	182	188	388	271	310	314	2,020	852	559
8	2,310	584	249	206	187	376	259	375	405	1,990	912	573
9	2,180	547	247	216	185	311	245	403	483	1,940	922	571
10	2,060	455	245	216	183	259	250	393	558	1,790	879	552
11	1,970	400	247	213	179	237	250	330	692	1,680	870	535
12	1,910	382	239	206	174	227	239	300	832	1,640	868	518
13	1,840	376	225	199	170	219	227	282	931	1,570	880	468
14	1,770	368	212	228	169	214	214	260	975	1,500	885	366
15	1,700	359	196	290	167	212	196	225	937	1,470	899	313
16	1,640	351	183	368	160	208	164	188	921	1,510	900	278
17	1,590	342	175	419	147	262	133	167	869	1,500	896	253
18	1,550	336	170	440	132	357	116	150	764	1,460	893	233
19	1,500	329	162	443	117	487	106	135	670	1,410	885	218
20	1,450	323	150	440	102	594	99	127	599	1,360	849	204
21	1,340	317	137	435	88	665	91	125	582	1,310	742	193
22	1,160	311	127	433	80	776	86	116	618	1,270	682	183
23	1,050	306	121	435	76	835	87	110	814	1,220	651	175
24	998	303	118	430	74	843	92	108	999	1,160	625	167
25	964	318	138	404	73	831	97	107	1,210	1,130	595	160
26	934	328	179	312	73	807	101	112	1,340	1,040	580	153
27	913	318	175	259	117	780	121	113	1,450	848	646	150
28	894	311	165	246	160	748	150	109	1,520	857	691	156
29	875	301	167	251	---	706	186	103	1,520	915	680	171
30	818	296	173	253	---	667	223	99	1,730	930	645	199
31	750	---	177	244	---	609	---	102	---	909	638	---
MEAN	1,758	427	203	282	153	469	202	200	764	1,504	798	368
MAX	3,360	714	291	443	231	843	457	403	1,730	2,090	936	668
MIN	750	296	118	154	73	165	86	99	126	848	580	150

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

MEAN	580	188	293	420	134	252	110	68.0	357	600	596	937
MAX	1,758	427	915	1,323	226	469	207	200	764	1,504	798	2,306
(WY)	(2005)	(2005)	(2003)	(2003)	(2003)	(2005)	(2003)	(2005)	(2005)	(2005)	(2005)	(2004)
MIN	167	41.4	9.65	7.44	14.9	12.2	5.82	1.48	19.6	75.3	220	368
(WY)	(2004)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2004)	(2002)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2002 - 2005	
ANNUAL MEAN	482		599		380	
HIGHEST ANNUAL MEAN					599	2005
LOWEST ANNUAL MEAN					112	2002
HIGHEST DAILY MEAN	3,400	Sep 13	3,360	Oct 1	3,400	Sep 13, 2004
LOWEST DAILY MEAN	1.6	Jun 1	73	Feb 25	0.00	May 26, 2002
ANNUAL SEVEN-DAY MINIMUM	2.1	May 27	81	Feb 20	0.12	May 24, 2002
MAXIMUM PEAK FLOW			2,100	Jul 2	3,440	Sep 13, 2004
MAXIMUM PEAK STAGE			88.83	Jul 2	91.44	Sep 13, 2004
10 PERCENT EXCEEDS	1,780		1,500		982	
50 PERCENT EXCEEDS	118		342		183	
90 PERCENT EXCEEDS	11		133		7.5	

02294781 PEACE RIVER NEAR HOMELAND, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	91.40	86.81	85.42	84.72	85.10	84.60	86.11	85.13	84.16	88.77	87.13	86.42
2	91.31	86.75	85.39	84.69	85.05	85.18	85.80	85.13	84.50	88.81	87.17	86.33
3	91.15	86.70	85.36	84.63	85.02	85.67	85.67	85.05	84.66	88.81	87.03	86.23
4	90.99	86.65	85.32	84.56	84.98	85.87	85.54	84.97	84.86	88.78	86.98	86.19
5	90.82	86.61	85.29	84.49	84.92	85.90	85.45	84.96	85.28	88.70	86.81	86.16
6	90.65	86.57	85.26	84.50	84.86	85.88	85.39	85.09	85.35	88.68	86.77	86.11
7	90.47	86.53	85.23	84.77	84.83	85.87	85.32	85.51	85.53	88.74	86.95	86.07
8	90.29	86.49	85.20	84.94	84.82	85.82	85.25	85.81	85.93	88.72	87.11	86.12
9	90.11	86.38	85.18	85.00	84.80	85.52	85.17	85.93	86.20	88.66	87.13	86.11
10	89.93	86.11	85.18	85.01	84.78	85.25	85.20	85.89	86.42	88.50	87.03	86.06
11	89.79	85.91	85.18	84.98	84.75	85.13	85.21	85.61	86.76	88.38	87.01	86.01
12	89.68	85.84	85.14	84.95	84.70	85.07	85.14	85.46	87.08	88.33	87.00	85.95
13	89.54	85.81	85.06	84.90	84.66	85.03	85.07	85.38	87.29	88.25	87.03	85.78
14	89.41	85.78	84.98	85.07	84.65	84.99	84.99	85.26	87.37	88.16	87.05	85.36
15	89.27	85.74	84.88	85.41	84.63	84.98	84.88	85.06	87.30	88.12	87.08	85.09
16	89.13	85.70	84.78	85.78	84.55	84.96	84.60	84.82	87.28	88.18	87.09	84.90
17	89.01	85.67	84.71	85.99	84.41	85.26	84.25	84.63	87.17	88.16	87.08	84.76
18	88.89	85.63	84.67	86.06	84.24	85.73	84.04	84.44	86.93	88.11	87.07	84.64
19	88.78	85.60	84.58	86.07	84.05	86.21	83.90	84.27	86.71	88.05	87.04	84.54
20	88.66	85.58	84.44	86.06	83.84	86.52	83.79	84.18	86.52	87.96	86.95	84.44
21	88.43	85.55	84.29	86.05	83.61	86.70	83.66	84.16	86.46	87.89	86.63	84.37
22	88.00	85.52	84.18	86.04	83.46	86.96	83.57	84.04	86.53	87.82	86.44	84.28
23	87.74	85.50	84.11	86.05	83.38	87.09	83.58	83.96	87.00	87.73	86.34	84.20
24	87.59	85.48	84.06	86.03	83.34	87.11	83.67	83.94	87.38	87.62	86.25	84.12
25	87.50	85.55	84.30	85.93	83.33	87.08	83.76	83.91	87.73	87.57	86.16	84.04
26	87.41	85.60	84.75	85.52	83.32	87.03	83.83	83.99	87.94	87.38	86.12	83.97
27	87.35	85.55	84.71	85.25	83.96	86.97	84.10	84.01	88.09	86.94	86.33	83.94
28	87.29	85.52	84.61	85.18	84.56	86.90	84.44	83.95	88.19	86.97	86.49	84.00
29	87.23	85.47	84.63	85.21	---	86.80	84.80	83.86	88.19	87.12	86.45	84.16
30	87.05	85.44	84.69	85.23	---	86.70	85.05	83.79	88.43	87.15	86.33	84.42
31	86.90	---	84.72	85.17	---	86.55	---	83.85	---	87.11	86.31	---
MEAN	89.09	85.93	84.85	85.30	84.38	85.98	84.71	84.71	86.64	88.07	86.79	85.16
MAX	91.40	86.81	85.42	86.07	85.10	87.11	86.11	85.93	88.43	88.81	87.17	86.42
MIN	86.90	85.44	84.06	84.49	83.32	84.60	83.57	83.79	84.16	86.94	86.12	83.94

02294898 PEACE RIVER AT FORT MEADE, FL.

LOCATION.--Lat 27°45'04", long 81°46'56" (1927 North American datum), in SE1/4 sec.26, T.31 S., R.25 E., Polk County, Hydrologic Unit 03100101, near right bank on downstream side of bridge on U. S. Highway 98, 0.4 mi downstream from Sink Branch, 1.2 mi east of U. S. Highway 17 in Fort Meade, and 92 mi upstream from mouth.

DRAINAGE AREA.--480 mi^2.

PERIOD OF RECORD.--April to June 1964 (fragmentary); July 1964 to April 1967 (gage heights only); May 1967 to September 1969; February 1972 to May 1974 (gage heights and periodic discharge measurements only), incomplete; June 1974 to current year.
REVISED RECORDS.--WRD FL-84-3A: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to May 10, 1974, nonrecording gage at same site and datum.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Water diverted into river from ground-water sources by upstream mining industries affects flow on many days. Significant loss of water to ground-water system may occur each year between 02294650 Peace River at Bartow and this station. Maximum discharge 2,400 cfs, Oct. 1, stage falling, peak occurred Sept. 30, 2004; maximum peak discharge, 1,850 cfs, July 2, gage height 79.16 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,390	945	384	199	266	501	765	346	287	1,840	1,010	781
2	2,360	924	369	196	250	386	647	385	419	1,840	1,040	780
3	2,300	907	352	189	240	462	549	455	512	1,820	1,010	759
4	2,230	893	335	178	235	609	477	691	598	1,780	981	735
5	2,150	881	319	167	226	648	423	568	842	1,740	967	718
6	2,080	867	307	157	214	638	385	483	865	1,700	948	707
7	2,010	852	296	167	203	616	360	484	819	1,690	945	693
8	1,930	837	287	199	196	597	347	584	856	1,680	1,010	687
9	1,860	824	279	222	192	571	321	672	972	1,670	1,020	691
10	1,800	785	275	233	188	494	302	709	1,090	1,640	1,020	682
11	1,740	708	273	235	182	379	303	703	1,200	1,590	997	664
12	1,700	644	270	231	175	317	303	703	1,400	1,550	996	645
13	1,660	608	261	224	167	293	292	614	1,550	1,520	986	626
14	1,610	590	246	315	162	280	273	546	1,470	1,490	984	557
15	1,570	574	228	396	161	272	255	487	1,440	1,450	978	438
16	1,530	555	210	441	157	267	231	408	1,450	1,440	977	347
17	1,490	537	195	544	144	396	179	339	1,410	1,430	974	299
18	1,460	519	187	607	124	575	136	296	1,350	1,410	964	269
19	1,430	501	177	626	102	642	115	257	1,270	1,410	953	249
20	1,400	485	160	625	83	754	103	229	1,200	1,400	937	231
21	1,370	471	140	620	66	835	92	218	1,150	1,340	899	224
22	1,290	455	123	615	53	902	82	206	1,150	1,300	840	214
23	1,210	440	111	608	46	962	79	190	1,220	1,260	803	196
24	1,150	428	105	600	43	983	88	182	1,340	1,230	778	179
25	1,120	443	170	589	43	980	99	177	1,440	1,190	762	165
26	1,100	448	272	538	49	965	112	186	1,520	1,160	752	156
27	1,080	456	251	402	348	947	146	198	1,570	1,070	757	150
28	1,060	455	223	302	745	924	179	202	1,620	986	826	164
29	1,050	427	202	275	---	896	225	184	1,650	997	849	179
30	1,020	402	197	277	---	863	280	172	1,720	1,010	808	208
31	978	---	199	277	---	835	---	194	---	1,020	778	---
TOTAL	49,128	18,861	7,403	11,254	5,060	19,789	8,148	12,068	35,380	44,653	28,549	13,393
MEAN	1,585	629	239	363	181	638	272	389	1,179	1,440	921	446
MAX	2,390	945	384	626	745	983	765	709	1,720	1,840	1,040	781
MIN	978	402	105	157	43	267	79	172	287	986	752	150
CFSM	3.30	1.31	0.50	0.76	0.38	1.33	0.57	0.81	2.46	3.00	1.92	0.93
IN.	3.81	1.46	0.57	0.87	0.39	1.53	0.63	0.94	2.74	3.46	2.21	1.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2005, BY WATER YEAR (WY)

MEAN	297	132	151	205	169	211	144	77.4	145	263	374	437
MAX	1,585	629	1,021	1,311	1,423	1,850	798	679	1,179	1,440	1,587	1,998
(WY)	(2005)	(2005)	(2003)	(2003)	(1998)	(1998)	(1998)	(1979)	(2005)	(2005)	(1995)	(2004)
MIN	12.7	2.81	2.91	3.55	2.93	4.57	1.28	0.58	0.60	8.85	54.9	30.3
(WY)	(1991)	(2001)	(2001)	(2001)	(2001)	(2000)	(2000)	(2000)	(2000)	(2000)	(1989)	(1990)

02294898 PEACE RIVER AT FORT MEADE, FL.—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1975 - 2005	
ANNUAL TOTAL	184,096.9		253,686			
ANNUAL MEAN	503		695		217	
HIGHEST ANNUAL MEAN					695	2005
LOWEST ANNUAL MEAN					37.6	1981
HIGHEST DAILY MEAN	2,450	Sep 13	2,390	Oct 1	2,450	Sep 13, 2004
LOWEST DAILY MEAN	4.2	Jun 7	43	Feb 24	0.06	May 29, 2000
ANNUAL SEVEN-DAY MINIMUM	4.3	Jun 2	55	Feb 20	0.07	May 26, 2000
MAXIMUM PEAK FLOW			1,850	Jul 2	2,450	Sep 12, 2004
MAXIMUM PEAK STAGE			79.16	Jul 2	80.85	Sep 13, 2004
ANNUAL RUNOFF (CFSM)	1.05		1.45		0.453	
ANNUAL RUNOFF (INCHES)	14.27		19.66		6.15	
10 PERCENT EXCEEDS	1,690		1,490		618	
50 PERCENT EXCEEDS	166		584		84	
90 PERCENT EXCEEDS	20		169		8.2	

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	80.74	77.38	75.58	74.30	74.95	75.99	76.96	74.66	73.85	79.12	77.58	77.10
2	80.70	77.31	75.53	74.26	74.80	75.48	76.56	74.84	74.72	79.14	77.70	77.10
3	80.60	77.26	75.46	74.19	74.70	75.83	76.19	75.13	75.19	79.12	77.62	77.02
4	80.47	77.22	75.39	74.08	74.66	76.42	75.89	76.27	75.55	79.06	77.52	76.92
5	80.34	77.19	75.32	73.95	74.57	76.57	75.66	75.69	76.56	78.98	77.48	76.86
6	80.21	77.14	75.26	73.84	74.44	76.53	75.47	75.25	76.58	78.91	77.42	76.81
7	80.08	77.10	75.21	73.95	74.34	76.45	75.35	75.26	76.34	78.91	77.43	76.76
8	79.94	77.06	75.13	74.29	74.27	76.38	75.28	75.77	76.42	78.91	77.68	76.74
9	79.80	77.02	75.06	74.53	74.22	76.28	75.11	76.18	76.79	78.93	77.71	76.76
10	79.67	76.89	75.03	74.64	74.18	75.96	74.95	76.35	77.14	78.87	77.72	76.72
11	79.57	76.62	75.01	74.66	74.12	75.44	74.96	76.32	77.40	78.75	77.67	76.65
12	79.49	76.39	74.98	74.62	74.04	75.07	74.95	76.32	77.92	78.65	77.68	76.57
13	79.38	76.26	74.90	74.55	73.96	74.87	74.86	75.92	78.29	78.60	77.66	76.50
14	79.26	76.21	74.76	75.24	73.90	74.76	74.69	75.58	78.09	78.54	77.66	76.18
15	79.15	76.15	74.59	75.74	73.88	74.68	74.53	75.27	78.00	78.47	77.65	75.58
16	79.05	76.09	74.41	75.93	73.83	74.64	74.29	74.82	78.03	78.46	77.66	75.05
17	78.96	76.03	74.25	76.33	73.68	75.46	73.76	74.37	77.92	78.48	77.66	74.68
18	78.87	75.97	74.17	76.55	73.43	76.29	73.27	74.02	77.75	78.45	77.64	74.43
19	78.79	75.91	74.06	76.62	73.15	76.54	73.00	73.67	77.52	78.48	77.61	74.26
20	78.71	75.86	73.87	76.61	72.88	76.93	72.85	73.40	77.32	78.47	77.57	74.10
21	78.63	75.81	73.63	76.60	72.60	77.19	72.69	73.30	77.17	78.34	77.43	74.04
22	78.40	75.76	73.42	76.58	72.37	77.39	72.53	73.18	77.18	78.24	77.21	73.95
23	78.15	75.71	73.27	76.56	72.25	77.56	72.49	73.01	77.37	78.17	77.08	73.77
24	77.99	75.67	73.20	76.53	72.18	77.63	72.55	72.92	77.74	78.11	76.99	73.61
25	77.89	75.76	73.92	76.49	72.17	77.62	72.63	72.87	78.00	78.03	76.94	73.46
26	77.83	75.79	75.00	76.30	72.19	77.58	72.73	72.97	78.22	77.94	76.91	73.37
27	77.77	75.84	74.81	75.75	74.39	77.52	73.08	73.10	78.35	77.69	76.94	73.31
28	77.73	75.85	74.54	75.24	76.89	77.46	73.37	73.14	78.52	77.45	77.23	73.48
29	77.69	75.75	74.33	75.03	---	77.37	73.77	72.95	78.63	77.50	77.34	73.64
30	77.61	75.65	74.27	75.04	---	77.27	74.20	72.82	78.83	77.57	77.19	73.94
31	77.48	---	74.29	75.05	---	77.19	---	73.03	---	77.59	77.08	---
MEAN	79.06	76.36	74.60	75.29	73.82	76.40	74.29	74.46	77.25	78.45	77.44	75.31
MAX	80.74	77.38	75.58	76.62	76.89	77.63	76.96	76.35	78.83	79.14	77.72	77.10
MIN	77.48	75.65	73.20	73.84	72.17	74.64	72.49	72.82	73.85	77.45	76.91	73.31

02294898 PEACE RIVER AT FORT MEADE, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--May 1993 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15-minute interval, mounted on 2-inch diameter steel pipe that is attached to gage platform with the top of funnel 3 ft above the shelter floor.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2001 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	1.29	0.01	0.55	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.90	0.06	0.04	0.13
3	0.00	0.00	0.00	0.00	0.00	0.46	0.00	3.66	0.85	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.10	0.01	0.00	0.24	1.47	0.02	0.00	0.00
5	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.11	0.43	0.00	0.91	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
7	0.00	0.00	0.15	0.07	0.00	0.00	0.33	0.00	0.12	0.00	0.66	0.10
8	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.15	0.87	0.00
9	0.00	0.32	0.00	0.00	0.00	0.63	0.00	0.00	1.32	0.73	0.14	0.00
10	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.26	0.44	0.13	0.00
11	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.77	0.08	0.59	0.00
12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.82	0.00	0.40	0.00
13	0.01	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.40	0.08	0.00
14	0.00	0.00	0.00	1.98	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00
15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.05	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.01	0.01	0.04	0.00
17	0.00	0.00	0.12	0.00	0.00	1.90	0.00	0.01	0.00	0.53	0.00	0.00
18	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.15
21	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.25	0.00	0.11	0.57
22	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.42	0.00	0.00	0.01
23	0.00	0.00	0.00	0.02	0.00	0.14	0.28	0.00	0.21	0.00	0.60	0.00
24	0.00	0.59	0.08	0.00	0.00	0.00	0.00	0.00	0.03	1.06	0.01	0.00
25	0.00	0.00	2.58	0.00	0.26	0.05	0.00	0.54	0.00	0.00	0.94	0.00
26	0.00	0.00	0.01	0.00	0.16	0.00	0.71	0.00	0.00	0.00	0.42	0.00
27	0.00	0.25	0.00	0.00	5.86	0.00	0.06	0.90	0.12	0.00	0.49	0.16
28	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.39	0.00	0.46	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.93	0.00	0.03	0.00
30	0.00	0.01	0.00	0.00	---	0.00	0.00	0.04	1.63	0.04	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.96	---	0.67	0.64	---
TOTAL	0.70	1.29	2.97	2.10	6.38	4.05	1.90	8.05	13.44	6.32	8.12	1.12

WTR YR 2005 TOTAL 56.44

02295013 BOWLEGS CREEK NEAR FT. MEADE, FL.

LOCATION.--Lat 27°41'59", long 81°41'44" (1927 North American datum), in NE$^{1}/_{4}$ sec.15, T.32 S., R.26 E., Polk County, Hydrologic Unit 03100101, on right bank, on downstream side of bridge on Avon Park Cut-Off Road, 2.1 mi downstream from Boggy Branch, 2.3 mi south of intersection U.S. Highway 98 and State Highway 630, and 7.6 mi southeast of Ft. Meade.

DRAINAGE AREA.--47.2 mi^2.

PERIOD OF RECORD.--March 1964 to September 1968; February 1991 to current year.

GAGE.--Water-stage recorder. Datum of gage is 95.46 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	321	24	13	37	18	564	44	9.6	69	452	274	74
2	266	23	12	35	17	407	43	10	126	360	215	75
3	225	22	12	33	16	314	41	12	165	308	167	80
4	192	21	11	31	16	267	36	67	194	280	157	100
5	168	21	11	29	16	213	32	76	254	265	149	117
6	154	20	11	27	15	169	28	70	263	221	134	106
7	135	19	11	26	14	141	25	58	240	181	120	93
8	118	18	10	24	14	113	27	45	211	154	123	82
9	106	18	10	22	13	101	24	36	207	154	124	72
10	95	20	10	20	12	113	21	30	227	163	127	65
11	91	20	11	19	12	102	19	27	290	166	130	57
12	97	19	10	17	11	87	17	26	333	152	128	50
13	92	18	9.6	16	11	72	16	23	273	131	137	43
14	82	17	9.2	64	10	62	15	20	242	114	145	38
15	77	16	8.8	90	9.9	55	14	19	214	142	138	33
16	74	16	8.6	70	9.6	51	13	49	182	127	130	29
17	63	15	8.6	64	9.2	181	12	29	163	123	121	26
18	55	14	9.0	56	8.8	307	11	20	156	143	114	23
19	48	14	8.7	49	8.3	240	10	16	143	126	107	21
20	42	13	8.3	45	8.0	193	9.5	13	130	108	101	19
21	40	13	8.0	42	7.8	166	8.9	11	117	100	93	21
22	39	12	8.0	39	7.6	152	8.4	9.6	157	88	85	21
23	38	12	7.9	37	7.5	139	8.2	8.5	420	75	82	19
24	37	11	7.9	33	7.7	130	9.4	7.5	557	79	83	17
25	35	14	37	30	7.9	114	8.3	7.5	424	155	81	16
26	34	15	96	28	8.7	99	7.8	8.8	355	120	81	15
27	32	15	72	26	311	86	12	11	307	94	85	14
28	30	15	62	24	839	74	11	14	343	84	94	18
29	29	14	50	23	---	65	9.9	9.7	544	66	95	30
30	27	13	42	21	---	57	8.9	8.3	557	63	83	23
31	26	---	38	19	---	50	---	11	---	122	72	---
TOTAL	2,868	502	631.6	1,096	1,446.0	4,884	550.3	762.5	7,863	4,916	3,775	1,397
MEAN	92.5	16.7	20.4	35.4	51.6	158	18.3	24.6	262	159	122	46.6
MAX	321	24	96	90	839	564	44	76	557	452	274	117
MIN	26	11	7.9	16	7.5	50	7.8	7.5	69	63	72	14
AC-FT	5,690	996	1,250	2,170	2,870	9,690	1,090	1,510	15,600	9,750	7,490	2,770
CFSM	1.96	0.35	0.43	0.75	1.09	3.34	0.39	0.52	5.55	3.36	2.58	0.99
IN.	2.26	0.40	0.50	0.86	1.14	3.85	0.43	0.60	6.20	3.87	2.98	1.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 2005, BY WATER YEAR (WY)

MEAN	34.7	14.3	20.3	23.1	24.5	30.5	8.67	4.23	41.5	47.9	67.7	79.2
MAX	134	69.2	109	87.5	149	174	45.1	24.6	262	159	196	487
(WY)	(1996)	(1998)	(2003)	(1998)	(1998)	(1998)	(1993)	(2005)	(2005)	(2005)	(1995)	(2004)
MIN	5.86	1.81	1.76	1.82	1.75	1.66	0.54	0.81	1.05	7.85	5.39	8.59
(WY)	(1965)	(2001)	(2001)	(1992)	(2001)	(1967)	(1968)	(2000)	(2000)	(1998)	(1998)	(1991)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1965 - 2005	
ANNUAL TOTAL	25,348.2		30,691.4			
ANNUAL MEAN	69.3		84.1		33.8	
HIGHEST ANNUAL MEAN					84.1	2005
LOWEST ANNUAL MEAN					11.8	1997
HIGHEST DAILY MEAN	1,450	Sep 7	839	Feb 28	1,450	Sep 7, 2004
LOWEST DAILY MEAN	2.4	Apr 11	7.5	Feb 23	0.30	Apr 25, 1968
ANNUAL SEVEN-DAY MINIMUM	2.8	Apr 5	7.8	Feb 19	0.37	Apr 23, 1968
MAXIMUM PEAK FLOW			1,050	Feb 28	1,450	Sep 7, 2004
MAXIMUM PEAK STAGE			9.67	Feb 28	9.67	Feb 28, 2005
ANNUAL RUNOFF (AC-FT)	50,280		60,880		24,470	
ANNUAL RUNOFF (CFSM)	1.47		1.78		0.716	
ANNUAL RUNOFF (INCHES)	19.98		24.19		9.72	
10 PERCENT EXCEEDS	226		213		91	
50 PERCENT EXCEEDS	11		39		9.2	
90 PERCENT EXCEEDS	3.1		9.6		1.9	

02295163 WHIDDEN CREEK NEAR FT. MEADE, FL.

LOCATION.--Lat 27°42'25", long 81°48'28" (1927 North American datum), in SW$^{1}/_{4}$ sec.10, T.32 S., R.25 E., Polk County, Hydrologic Unit 03100101, on upstream side of bridge on U.S. Highway 17, and 3.3 mi south of Ft. Meade.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--May 1939 to May 1983 (miscellaneous discharge measurements only); November 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage has not been determined.

REMARKS.--Records fair. Discharge not computed above gage height of 9.50 ft due to backwater from the Peace River; October 2002 to September 2005, discharge not computed when affected by backwater from Peace River.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	32	---	---	---	---	25	---	---	---	---
2	---	---	31	38	---	---	---	28	---	---	---	---
3	---	---	31	36	---	---	---	26	---	---	---	---
4	---	---	29	35	---	---	---	---	---	---	---	---
5	---	---	29	35	---	---	---	---	---	---	---	---
6	---	---	28	36	---	---	---	---	---	---	---	---
7	---	---	27	34	---	---	---	---	---	---	---	---
8	---	---	27	33	---	---	---	---	---	---	---	---
9	---	---	28	34	---	---	---	---	---	---	---	---
10	---	---	28	38	---	---	---	37	---	---	---	---
11	---	---	28	40	---	---	---	33	---	---	---	---
12	---	---	27	---	---	---	---	---	---	---	---	---
13	---	---	25	---	---	---	---	---	---	---	---	---
14	---	40	22	---	---	---	---	38	---	---	---	---
15	---	38	20	---	---	---	---	34	---	---	---	---
16	---	35	19	---	---	---	---	29	---	---	---	---
17	---	34	18	---	---	---	---	27	---	---	---	---
18	---	33	21	---	---	---	38	21	---	---	---	---
19	---	32	25	---	---	---	35	19	---	---	---	---
20	---	32	27	---	---	---	30	19	---	---	---	---
21	---	31	25	---	---	---	27	16	---	---	---	---
22	---	31	24	---	---	---	24	14	---	---	---	---
23	---	31	27	---	---	---	20	13	---	---	---	---
24	---	30	33	---	---	---	23	12	---	---	---	---
25	---	37	34	---	---	---	20	13	---	---	---	38
26	---	40	---	---	---	---	17	21	---	---	---	32
27	---	38	---	---	---	---	31	28	---	---	---	31
28	---	38	---	---	---	---	30	---	---	---	---	35
29	---	37	---	---	---	---	24	39	---	---	---	38
30	---	34	---	---	---	---	24	36	---	---	---	37
31	---	---	---	---	---	---	---	34	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

MEAN	57.5	32.3	71.2	18.3	35.3	29.6	16.1	24.1	93.4	56.3	---	112
MAX	63.7	43.2	150	23.0	44.7	46.5	32.5	39.2	139	56.3	---	112
(WY)	(2003)	(2003)	(2003)	(2004)	(2003)	(2003)	(2003)	(2004)	(2003)	(2004)	---	(2003)
MIN	51.3	14.5	12.4	13.7	26.2	16.4	7.23	5.62	48.0	56.3	---	112
(WY)	(2004)	(2002)	(2002)	(2002)	(2004)	(2002)	(2002)	(2002)	(2004)	(2004)	---	(2003)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 CALENDAR YEAR		WATER YEARS 2002 - 2005	
HIGHEST DAILY MEAN	321	Aug 15	40	Nov 14	321	Aug 15, 2004
LOWEST DAILY MEAN	5.7	Apr 6	12	May 24	2.0	Oct 18, 2001
ANNUAL SEVEN-DAY MINIMUM	6.5	Apr 5	15	May 19	2.4	Oct 15, 2001
MAXIMUM PEAK STAGE			16.84	Feb 28	17.96	Sep 7, 2004

02295420 PAYNE CREEK NEAR BOWLING GREEN, FL.

LOCATION.--Lat 27°37'13", long 81°49'33" (1927 North American datum), in SW$^{1}/_{4}$ sec.9, T.33 S., R.25 E., Hardee County, Hydrologic Unit 03100101, near center of span on upstream side of bridge on U. S. Highway 17, 0.4 mi downstream from Little Payne Creek, 1.2 mi south of Bowling Green, and 2.1 mi upstream from mouth.

DRAINAGE AREA.--121 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1963 to September 1968; October 1979 to current year.

REVISED RECORDS.--WRD FL-81-3: 1980.

GAGE.--Water-stage recorder. Datum of gage is 51.06 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good except those for affected and estimated daily discharges, which are poor. Some diversion by pumping for irrigation. Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather service.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	941	e136	46	e189	141	e1,730	e190	59	116	650	e180	159
2	823	e129	49	181	137	e1,230	e188	66	205	810	e300	182
3	723	e122	57	169	160	e951	157	69	266	844	e220	332
4	642	e115	65	153	157	e795	130	134	365	757	168	252
5	578	e108	74	129	147	e672	114	125	846	634	174	215
6	537	e101	78	123	138	e564	105	113	974	545	274	200
7	523	e114	72	125	133	e467	101	107	772	479	282	177
8	481	e118	81	121	121	e396	e98	95	556	427	294	173
9	427	e113	79	117	113	e360	e91	85	421	433	294	195
10	384	e107	68	111	101	e379	e84	77	e395	556	268	181
11	353	e102	81	108	88	e346	e78	71	e460	685	276	149
12	366	e98	73	103	81	e302	e72	100	e570	681	295	e130
13	354	e97	58	94	81	e267	66	107	e635	595	292	e130
14	338	e97	64	202	85	e233	66	81	e660	647	270	e125
15	323	e98	84	e336	79	e219	63	72	e590	669	258	e120
16	315	e100	83	e329	73	e208	64	67	e520	583	253	e115
17	290	e101	86	e311	64	e431	68	65	e470	507	244	102
18	266	e103	88	e299	51	e764	62	63	e425	504	257	87
19	238	e103	76	e279	41	e702	56	57	e385	452	297	66
20	221	e100	47	e241	37	e580	47	51	e360	404	272	65
21	215	e98	37	217	36	e502	45	50	e345	481	246	80
22	213	e97	36	193	38	e455	46	49	e335	399	219	98
23	203	e97	36	191	37	e422	50	48	e375	338	220	92
24	192	e105	38	182	34	e398	48	44	e355	339	230	88
25	e185	e110	121	181	35	e359	45	43	e370	498	201	82
26	e178	e105	355	175	46	e323	45	39	e370	334	218	82
27	e171	e94	300	170	502	e293	69	38	e355	e270	218	193
28	e164	70	276	170	e2,470	e267	76	34	e365	e220	215	164
29	e157	63	255	163	---	e238	64	32	e360	e185	211	190
30	e150	52	e234	152	---	203	56	31	441	e150	185	152
31	e143	---	e211	150	---	196	---	43	---	e125	164	---
TOTAL	11,094	3,053	3,308	5,664	5,226	15,252	2,444	2,115	13,662	15,201	7,495	4,376
MEAN	358	102	107	183	187	492	81.5	68.2	455	490	242	146
MAX	941	136	355	336	2,470	1,730	190	134	974	844	300	332
MIN	143	52	36	94	34	196	45	31	116	125	164	65
CFSM	2.96	0.84	0.88	1.51	1.54	4.07	0.67	0.56	3.76	4.05	2.00	1.21
IN.	3.41	0.94	1.02	1.74	1.61	4.69	0.75	0.65	4.20	4.67	2.30	1.35

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2005, BY WATER YEAR (WY)

MEAN	127	71.8	70.9	87.1	95.0	110	59.5	44.0	126	186	226	257
MAX	418	259	357	364	489	637	192	230	592	747	630	962
(WY)	(1995)	(1998)	(1998)	(2003)	(1998)	(1998)	(1983)	(2004)	(1982)	(1968)	(2004)	(2004)
MIN	15.3	7.78	8.94	9.59	6.32	7.94	2.77	2.00	13.4	19.8	32.3	37.2
(WY)	(2001)	(2001)	(2001)	(2001)	(2001)	(1967)	(1967)	(1967)	(1964)	(1981)	(2000)	(1984)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1964 - 2005	
ANNUAL TOTAL	94,283		88,890			
ANNUAL MEAN	258		244		122	
HIGHEST ANNUAL MEAN					269	1998
LOWEST ANNUAL MEAN					36.4	2000
HIGHEST DAILY MEAN	2,780	Sep 7	2,470	Feb 28	2,780	Sep 7, 2004
LOWEST DAILY MEAN	24	Apr 27	31	May 30	0.53	May 19, 2001
ANNUAL SEVEN-DAY MINIMUM	30	Apr 23	37	Feb 19	0.66	May 15, 2001
MAXIMUM PEAK FLOW			2,670	Feb 28	3,230	Sep 6, 2004
MAXIMUM PEAK STAGE			17.37	Feb 28	18.13	Sep 6, 2004
ANNUAL RUNOFF (CFSM)	2.13		2.01		1.01	
ANNUAL RUNOFF (INCHES)	28.99		27.33		13.67	
10 PERCENT EXCEEDS	638		540		282	
50 PERCENT EXCEEDS	126		170		62	
90 PERCENT EXCEEDS	57		54		12	

e Estimated

02295420 PAYNE CREEK NEAR BOWLING GREEN, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1956, 1962-63, 1965-70, 1980-83, 1992 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, wat unf by analysis, mg/L (62855)
NOV													
30...	1322	3.84	52	8.2	7.6	407	19.9	E.03	.51	E.005	1.12	1.10	1.11
FEB													
08...	1105	4.68	121	8.4	7.3	427	17.0	<.04	.19	E.005	.99	--	--
APR													
12...	1020	3.74	--	7.6	7.7	358	21.9	E.02	.42	E.004	.65	.75	1.06
MAY													
17...	1225	3.64	65	--	--	--	--	E.03	.41	E.004	.66	.78	1.12
JUL													
19...	1330	8.21	447	5.1	7.4	362	28.6	E.03	.23	<.008	.74	.81	1.02
AUG													
30...	1405	5.12	184	5.9	7.8	418	29.4	E.03	.22	E.005	.91	1.04	1.02

<--Less than
E--Estimated

02295420 PAYNE CREEK NEAR BOWLING GREEN, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--December 1994 to September 2005 (discontinued).

GAGE.--A 6-inch diameter, tipping bucket precipitation gage, mounted on top of gage house with the top of funnel 8 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2001 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	1.61	0.00	0.58	0.99
2	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00	1.04	0.45	0.00	1.56
3	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.85	1.15	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.01	0.06	0.00	0.16	1.79	0.22	0.00	0.00
5	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.04	0.49	0.00	1.03	0.00
6	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.06	0.00	0.00	0.37	0.00	0.11	0.00	0.53	0.00
8	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.05	0.00	0.15	0.00
9	0.03	0.06	0.00	0.00	0.00	0.63	0.00	0.00	0.27	1.42	0.00	0.00
10	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.45	0.84	0.00	---
11	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.96	0.65	0.35	---
12	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	---
13	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	1.66	0.00	---
14	0.00	0.00	0.00	1.88	0.00	0.00	0.00	0.00	0.00	0.53	0.00	---
15	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	---
16	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.13	0.00	0.05	0.00	---
17	0.00	0.00	0.11	0.00	0.00	2.41	0.00	0.18	0.00	1.59	0.34	0.00
18	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.04	0.44	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.52	0.00	0.36
21	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.24	0.00	0.01	0.56
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.01	0.03
23	0.00	0.00	0.00	0.01	0.00	0.14	0.00	0.00	1.36	0.00	0.03	0.00
24	0.00	0.07	0.02	0.00	0.00	0.00	0.00	0.00	0.01	1.76	0.01	0.00
25	0.00	0.08	2.75	0.00	0.33	0.00	0.00	0.01	0.00	0.00	0.11	0.00
26	0.00	0.00	0.02	0.00	0.08	0.00	0.38	0.00	0.00	0.00	0.17	0.20
27	0.00	0.23	0.00	0.00	5.88	0.00	0.46	0.00	0.83	0.00	0.11	0.05
28	0.00	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.20	0.00	0.00	1.27
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.15	0.11	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	1.16	0.17	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.82	---	0.01	0.00	---
TOTAL	0.90	0.57	3.17	1.95	6.30	3.93	1.88	2.85	12.60	10.86	3.43	---

02295630 THOMPSON BRANCH NEAR WAUCHULA, FL.

LOCATION.--Lat 27°31'47", long 81°49'03" (1927 North American datum), in $SE^1/_4$ sec.9, T.34 S., R.25 E., Hardee County, Hydrologic Unit 03100101, at culvert on County Road 760-A, 1.3 mi south of intersection State Highway 650 and U.S. Highway 17 in Wauchula, and 2.1 mi upstream from mouth.

DRAINAGE AREA.--5.22 mi^2.

PERIOD OF RECORD.--January 1987 to current year (crest stage only).

GAGE.--Crest stage partial record gage.

REMARKS.--The annual gage, maximum discharge, and date for the 1990 water year are in error. The corrected date is Aug. 15, 1990; the gage height is 9.24 ft; and the maximum discharge is 318 ft3/s. The annual gage height and maximum discharge data for the 1997 water year are in error. The corrected date is September 28, 1997. The corrected gage height is 10.44 ft and the corrected discharge is 465 cfs.

ANNUAL MAXIMUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Annual gage height (ft)	Maximum discharge ($ft^3/_S$)
June 6	10.53	477

02295637 PEACE RIVER AT ZOLFO SPRINGS, FL.

LOCATION.--Lat 27°30'15", long 81°48'04" (1927 North American datum), in SE$^{1}/_{4}$ sec.22, T.34 S., R.25 E., Hardee County, Hydrologic Unit 03100101, near left edge of water on upstream side of bridge on U. S. Highway 17, 0.8 mi north of Zolfo Springs, and 69 mi upstream from mouth.

DRAINAGE AREA.--826 mi^2.

PERIOD OF RECORD.--September 1933 to current year. Prior to October 1950, published as Peace Creek at Zolfo Springs.

REVISED RECORDS.--WSP 1905: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 30.20 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1964, at same site at datum 5.00 ft higher.

REMARKS.--Records fair except estimated daily discharge which are poor. WDR 1992 through WDR 2002 period of record gage height at present datum. Maximum discharge 6,240 cfs, Oct. 1, stage falling, peak occurred Sept. 29; maximum peak discharge; 4,580 cfs, July 3, gage height, 17.00 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5,980	1,190	484	574	589	3,320	1,120	377	415	3,240	1,420	1,220
2	5,520	1,120	468	544	567	3,650	1,080	427	824	4,070	1,530	1,280
3	5,140	1,060	459	516	564	3,210	986	448	1,140	4,520	1,590	1,740
4	4,760	1,020	446	491	555	2,480	849	789	1,420	4,490	1,650	1,760
5	4,400	999	438	460	541	2,010	752	972	1,940	4,120	1,590	1,440
6	4,090	980	431	431	525	1,750	687	872	2,590	3,610	1,580	1,250
7	3,790	959	423	423	508	1,550	660	732	2,770	3,220	1,650	1,180
8	3,540	925	416	424	491	1,380	639	637	2,450	2,920	1,720	1,130
9	3,300	897	412	435	467	1,260	606	630	1,980	2,840	1,830	1,110
10	3,100	892	397	448	452	1,290	574	646	1,740	3,070	1,840	1,110
11	2,910	869	404	453	424	1,220	529	648	1,930	3,260	1,760	1,070
12	2,810	803	392	453	406	1,050	511	676	2,570	3,350	1,720	1,010
13	2,760	731	376	447	394	887	503	725	3,420	3,360	1,700	944
14	e2,660	680	363	712	392	773	496	648	3,140	3,280	1,670	891
15	e2,560	652	355	1,220	390	704	469	548	2,990	3,530	1,620	844
16	e2,460	633	345	1,130	386	661	441	484	2,740	3,420	1,590	739
17	e2,360	615	333	1,060	378	1,120	426	451	2,410	2,980	1,580	642
18	e2,260	601	332	1,020	358	2,120	371	433	2,140	2,880	1,580	559
19	e2,160	588	323	1,010	331	2,170	320	371	1,960	2,860	1,580	499
20	2,060	574	300	990	307	1,980	290	318	1,800	2,600	1,570	452
21	2,000	560	275	962	289	1,780	275	288	1,670	2,550	1,520	456
22	1,940	549	258	924	276	1,650	267	275	1,550	2,570	1,480	560
23	1,860	541	245	901	266	1,590	249	260	1,600	2,330	1,390	523
24	1,730	533	251	879	256	1,580	244	241	1,910	2,080	1,290	468
25	1,590	535	412	861	248	1,560	252	226	1,980	2,360	1,220	429
26	1,490	552	e1,100	848	266	1,530	247	224	2,120	2,460	1,190	410
27	1,410	541	e958	823	513	1,470	321	237	2,250	2,090	1,180	555
28	1,350	538	e814	751	2,190	1,400	348	268	2,440	1,870	1,170	523
29	1,310	528	738	669	---	1,330	326	267	2,510	1,620	1,210	641
30	1,270	515	671	619	---	1,250	335	246	2,630	1,440	1,290	539
31	1,240	---	611	598	---	1,180	---	243	---	1,440	1,270	---
TOTAL	85,810	22,180	14,230	22,076	13,329	50,905	15,173	14,607	63,029	90,430	46,980	25,974
MEAN	2,768	739	459	712	476	1,642	506	471	2,101	2,917	1,515	866
MAX	5,980	1,190	1,100	1,220	2,190	3,650	1,120	972	3,420	4,520	1,840	1,760
MIN	1,240	515	245	423	248	661	244	224	415	1,440	1,170	410
CFSM	3.35	0.90	0.56	0.86	0.58	1.99	0.61	0.57	2.54	3.53	1.83	1.05
IN.	3.86	1.00	0.64	0.99	0.60	2.29	0.68	0.66	2.84	4.07	2.12	1.17

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1934 - 2005, BY WATER YEAR (WY)

MEAN	817	369	345	438	482	566	398	251	612	912	1,077	1,355
MAX	3,016	1,536	1,917	2,243	2,716	3,780	1,589	2,035	3,819	4,049	3,623	5,513
(WY)	(1954)	(1954)	(1998)	(1998)	(1998)	(1998)	(1959)	(1957)	(1934)	(1945)	(1960)	(1960)
MIN	72.4	17.9	24.5	29.7	16.8	19.5	19.0	9.38	20.2	69.1	163	209
(WY)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2000)	(2000)	(2000)	(1981)	(1950)	(1984)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1934 - 2005	
ANNUAL TOTAL	397,405		464,723			
ANNUAL MEAN	1,086		1,273		636	
HIGHEST ANNUAL MEAN					1,605	1960
LOWEST ANNUAL MEAN					179	1981
HIGHEST DAILY MEAN	8,380	Sep 8	5,980	Oct 1	19,700	Sep 20, 1947
LOWEST DAILY MEAN	50	Apr 29	224	May 26	3.6	May 20, 2001
ANNUAL SEVEN-DAY MINIMUM	59	Apr 24	244	May 24	4.5	May 14, 2001
MAXIMUM PEAK FLOW			4,580	Jul 3	26,300	Sep 6, 1933
MAXIMUM PEAK STAGE			17.00	Jul 3	*25.05	Sep 6, 1933
ANNUAL RUNOFF (CFSM)	1.31		1.54		0.770	
ANNUAL RUNOFF (INCHES)	17.90		20.93		10.46	
10 PERCENT EXCEEDS	3,340		2,820		1,490	
50 PERCENT EXCEEDS	416		925		324	
90 PERCENT EXCEEDS	105		332		97	

e Estimated
*Present datum

02295637 PEACE RIVER AT ZOLFO SPRINGS, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.06	10.84	7.71	7.98	7.82	16.67	10.52	6.82	7.09	15.45	11.46	10.78
2	19.55	10.57	7.63	7.82	7.70	17.20	10.31	7.12	9.21	16.50	11.78	10.99
3	19.13	10.30	7.58	7.68	7.69	16.49	9.91	7.24	10.56	16.95	11.96	12.35
4	18.67	10.13	7.51	7.54	7.64	15.02	9.27	8.98	11.58	16.91	12.14	12.38
5	18.23	10.05	7.47	7.37	7.57	13.79	8.80	9.85	13.10	16.53	11.97	11.40
6	17.81	9.97	7.44	7.20	7.48	12.96	8.48	9.38	14.54	15.96	11.94	10.77
7	17.41	9.88	7.39	7.16	7.40	12.25	8.35	8.70	14.87	15.39	12.16	10.50
8	17.04	9.73	7.36	7.16	7.30	11.58	8.24	8.23	14.32	14.90	12.34	10.32
9	16.67	9.61	7.34	7.23	7.17	11.12	8.08	8.20	13.35	14.77	12.65	10.24
10	16.29	9.59	7.26	7.30	7.09	11.27	7.92	8.28	12.70	15.16	12.69	10.23
11	15.93	9.48	7.30	7.33	6.92	10.97	7.69	8.29	13.20	15.46	12.46	10.08
12	15.73	9.18	7.23	7.33	6.82	10.28	7.59	8.43	14.51	15.59	12.34	9.83
13	15.61	8.84	7.15	7.30	6.75	9.58	7.55	8.66	15.86	15.62	12.29	9.56
14	---	8.61	7.07	8.53	6.74	9.07	7.51	8.29	15.46	15.48	12.20	9.34
15	---	8.48	7.02	10.88	6.72	8.75	7.36	7.79	15.24	15.87	12.06	9.14
16	---	8.39	6.95	10.48	6.70	8.55	7.21	7.45	14.82	15.69	11.96	8.66
17	---	8.31	6.88	10.13	6.65	10.47	7.12	7.26	14.25	15.02	11.94	8.19
18	---	8.25	6.87	9.98	6.53	14.10	6.79	7.16	13.72	14.85	11.94	7.77
19	---	8.19	6.81	9.91	6.35	14.26	6.46	6.78	13.32	14.81	11.95	7.45
20	13.95	8.13	6.65	9.82	6.19	13.70	6.26	6.44	12.89	14.33	11.92	7.20
21	13.77	8.06	6.49	9.69	6.07	13.05	6.16	6.24	12.51	14.23	11.78	7.22
22	13.56	8.01	6.36	9.51	5.98	12.62	6.09	6.15	12.15	14.28	11.65	7.77
23	13.31	7.98	6.27	9.39	5.91	12.40	5.97	6.04	12.28	13.81	11.34	7.58
24	12.90	7.94	6.25	9.29	5.84	12.38	5.93	5.90	13.15	13.29	11.03	7.28
25	12.42	7.96	7.06	9.20	5.78	12.31	5.98	5.79	13.29	13.86	10.80	7.06
26	12.02	8.05	---	9.14	5.91	12.16	5.95	5.78	13.58	14.06	10.66	6.95
27	11.74	8.00	---	9.00	7.28	11.93	6.46	5.88	13.81	13.31	10.65	7.75
28	11.51	7.98	---	8.63	14.19	11.68	6.64	6.10	14.17	12.76	10.59	7.58
29	11.32	7.94	8.78	8.22	---	11.38	6.50	6.10	14.27	12.07	10.76	8.18
30	11.18	7.87	8.46	7.97	---	11.05	6.56	5.95	14.46	11.51	11.04	7.67
31	11.05	---	8.17	7.86	---	10.77	---	5.93	---	11.51	10.96	---
MEAN	---	8.88	---	8.52	7.08	12.25	7.46	7.26	13.28	14.71	11.72	9.07
MAX	---	10.84	---	10.88	14.19	17.20	10.52	9.85	15.86	16.95	12.69	12.38
MIN	---	7.87	---	7.16	5.78	8.55	5.93	5.78	7.09	11.51	10.59	6.95

02296057 BUCKHORN CREEK NEAR GRIFFIN'S CORNER, FL.

LOCATION.--Lat 27°31'04", long 81°39'58" (1927 North American datum), in SE$^{1}/_{4}$ sec.13, T.34 S., R.26 E., Hardee County, Hydrologic Unit 03100101, on right bank, 300 ft upstream from Kelly Roberts Road bridge, 1.4 mi upstream from mouth, and 4.4 mi southeast of Griffin's Corner.

DRAINAGE AREA.--17.5 mi^2.

PERIOD OF RECORD.--May 2004 to current year.

GAGE.--Water-stage recorder. Datum of gage has not been determined.

REMARKS.--Records good except those for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	69	1.1	0.43	5.4	0.97	26	e2.5	e2.0	14	59	11	3.8
2	41	0.97	0.40	3.9	0.86	16	e2.1	e5.0	56	91	9.2	16
3	27	0.87	0.38	3.0	0.78	10	e1.8	e10	88	107	7.0	64
4	20	0.77	0.34	2.4	0.72	14	e1.5	e25	164	65	6.6	23
5	16	0.71	0.33	2.0	0.67	14	e1.3	e40	188	35	44	12
6	14	0.68	0.32	1.8	0.64	9.4	e1.1	e20	182	23	23	7.2
7	11	0.61	0.32	1.6	0.64	5.6	e0.95	e10	114	17	e17	4.8
8	8.1	0.55	0.33	1.5	0.61	3.7	e0.85	e7.5	71	13	e13	3.4
9	6.0	0.54	0.33	1.3	0.55	5.9	e0.76	e6.0	43	20	e10	2.6
10	4.6	0.74	0.35	1.2	0.47	20	e0.68	e4.5	35	90	e8.0	2.1
11	4.8	0.73	0.56	1.1	0.42	18	e0.61	e3.8	135	68	e6.8	1.7
12	13	0.66	0.56	1.1	0.41	13	e0.55	e3.0	235	66	e6.0	1.4
13	12	0.60	0.47	1.1	0.41	7.8	e0.50	e2.6	349	67	e9.0	1.2
14	8.3	0.58	0.41	12	0.39	4.7	e0.46	e2.0	230	50	e12	1.0
15	6.6	0.54	0.36	28	0.35	3.3	e0.41	e2.4	131	198	e17	0.95
16	8.2	0.50	0.34	22	0.34	2.6	e0.38	e4.0	76	132	e7.0	0.92
17	6.5	0.52	0.37	16	0.34	119	e0.34	e2.0	43	97	e4.4	0.86
18	4.9	0.48	0.56	11	0.31	199	e0.32	e1.0	27	118	e5.6	0.79
19	4.0	0.47	0.63	8.3	0.32	118	e0.30	e0.60	19	81	e7.4	0.73
20	3.6	0.49	0.53	5.7	0.33	70	e0.29	e0.40	15	63	e10	0.76
21	3.2	0.43	0.51	4.2	0.28	40	e0.27	0.33	20	71	e13	1.0
22	2.8	0.40	0.59	3.3	0.27	27	e0.25	0.25	25	41	e8.0	1.4
23	2.4	0.41	0.57	2.7	0.29	21	e0.23	0.21	80	23	e4.7	1.3
24	2.1	0.42	0.59	2.2	0.32	17	e0.22	0.16	71	16	e3.5	1.2
25	1.9	0.47	7.7	2.2	0.36	14	e0.21	0.09	41	20	e4.8	1.1
26	1.7	0.45	44	2.2	0.35	12	e0.20	0.24	26	20	e6.4	0.98
27	1.6	0.44	31	1.8	14	9.0	e0.50	0.29	21	16	e8.5	1.2
28	1.4	0.51	22	1.6	45	6.4	e0.30	0.34	21	14	e12	4.1
29	1.4	0.52	15	1.4	---	e4.7	e0.23	0.37	82	16	e10	18
30	1.3	0.48	11	1.3	---	e3.8	e0.80	0.35	104	15	7.0	15
31	1.2	---	7.7	1.1	---	e3.0	---	0.48	---	13	4.5	---
TOTAL	309.6	17.64	148.98	154.4	71.40	837.9	20.91	154.91	2,706	1,725	316.4	194.49
MEAN	9.99	0.59	4.81	4.98	2.55	27.0	0.70	5.00	90.2	55.6	10.2	6.48
MAX	69	1.1	44	28	45	199	2.5	40	349	198	44	64
MIN	1.2	0.40	0.32	1.1	0.27	2.6	0.20	0.09	14	13	3.5	0.73
MED	4.9	0.53	0.51	2.2	0.41	13	0.48	2.0	71	50	8.0	1.4
AC-FT	614	35	296	306	142	1,660	41	307	5,370	3,420	628	386
CFSM	0.57	0.03	0.27	0.28	0.15	1.54	0.04	0.29	5.15	3.18	0.58	0.37
IN.	0.66	0.04	0.32	0.33	0.15	1.78	0.04	0.33	5.75	3.67	0.67	0.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)

MEAN	9.99	0.59	4.81	4.98	2.55	27.0	0.70	2.51	45.1	34.3	46.6	116
MAX	9.99	0.59	4.81	4.98	2.55	27.0	0.70	5.00	90.2	55.6	83.0	226
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)
MIN	9.99	0.59	4.81	4.98	2.55	27.0	0.70	0.03	0.06	13.0	10.2	6.48
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)	(2004)	(2005)	(2005)

SUMMARY STATISTICS	FOR 2005 WATER YEAR		WATER YEARS 2004 - 2005	
ANNUAL TOTAL	6,657.63			
ANNUAL MEAN	18.2		18.2	
HIGHEST ANNUAL MEAN			18.2	2005
LOWEST ANNUAL MEAN			18.2	2005
HIGHEST DAILY MEAN	349	Jun 13	1,120	Sep 6, 2004
LOWEST DAILY MEAN	0.09	May 25	0.00	May 1, 2004
ANNUAL SEVEN-DAY MINIMUM	0.22	May 21	0.00	May 9, 2004
MAXIMUM PEAK FLOW	431	Jun 12	1,470	Sep 27, 2004
MAXIMUM PEAK STAGE	9.39	Jun 12	10.77	Sep 27, 2004
ANNUAL RUNOFF (AC-FT)	13,210		13,210	
ANNUAL RUNOFF (CFSM)	1.04		1.04	
ANNUAL RUNOFF (INCHES)	14.15		14.16	
10 PERCENT EXCEEDS	61		61	
50 PERCENT EXCEEDS	3.3		3.3	
90 PERCENT EXCEEDS	0.35		0.35	

e Estimated

02296222 LITTLE CHARLEY BOWLEGS CREEK ABOVE CONTROL NEAR SEBRING, FL.

LOCATION.--Lat 27° 28'40", long 81° 33'25" (1927 North American datum), in NW$^{1}/_{4}$ sec.31, T.34 S., R.28 E., Highlands County, Hydrologic Unit 03100101, on right bank, 15 ft upstream from control structure, 750 ft north of county road in Highlands Hammock State Park, 0.8 mi upstream from unnamed creek, 7.1 mi southwest of Sebring, and 7.3 mi upstream from mouth.

DRAINAGE AREA.--41.9 mi^2.

PERIOD OF RECORD.--January 1952 to September 1965 (elevations only); October 1965 to September 1976 (gage heights only); April 2004 to current year. Prior to June 1953, records for base gage. Published since October 1962; published as "Auxilliary" October 1962 to September 1967.

GAGE.--Water-stage recorder. Datum of gage is 62.32 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records poor. Low stages can be regulated and high stages slightly affected by control structure 15 ft downstream. Period of record discharge 874 ft^3/s, (September 27, 1960, Hurricane Donna), based on discharge computed for station 02296223 (Little Charley Bowlegs Creek near Sebring) located 160 ft below control.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	315	27	8.7	25	13	e17	17	15	36	212	41	47
2	285	26	8.4	22	13	e21	21	16	110	204	40	45
3	257	25	8.1	19	13	e23	22	16	181	188	37	51
4	229	24	7.7	17	13	26	20	126	251	185	38	51
5	200	24	7.4	16	13	25	18	170	305	186	116	61
6	178	23	7.2	15	12	22	16	135	320	172	153	63
7	156	23	6.7	14	12	20	15	98	288	149	122	54
8	136	22	6.6	14	12	18	17	68	254	125	133	47
9	118	22	6.4	13	12	19	15	48	224	123	135	41
10	104	22	6.4	13	11	24	16	37	207	128	109	35
11	95	22	6.3	12	10	22	15	30	217	125	86	31
12	98	21	6.1	12	9.7	21	15	26	246	116	69	28
13	90	20	6.0	12	8.8	19	16	21	287	104	56	25
14	82	20	5.9	18	7.7	18	16	18	282	97	50	22
15	74	19	5.8	e21	6.0	18	15	16	262	97	51	20
16	65	18	5.8	e25	5.9	16	14	14	240	86	47	18
17	57	17	5.8	e27	5.7	40	13	13	215	81	46	16
18	51	17	7.7	e26	5.4	78	11	12	191	76	42	15
19	50	16	8.0	25	4.9	88	9.3	11	168	72	39	13
20	85	15	8.0	22	4.5	79	6.9	9.4	147	67	35	13
21	94	14	7.6	21	4.2	63	5.7	7.2	128	65	32	15
22	87	13	7.6	19	4.0	50	5.0	5.8	114	59	41	17
23	74	12	8.0	18	3.7	42	4.3	5.1	116	55	73	18
24	62	12	8.3	17	3.5	39	3.6	4.3	116	55	69	18
25	54	12	17	16	3.3	35	3.0	3.5	108	57	62	16
26	47	11	34	15	3.4	32	2.5	3.9	99	50	60	15
27	40	10	37	14	11	28	12	5.1	90	46	62	15
28	36	9.7	38	14	e14	26	16	5.0	86	44	61	18
29	33	9.4	36	14	---	25	14	4.2	125	40	60	26
30	31	8.9	32	14	---	22	14	3.5	200	40	56	27
31	29	---	28	14	---	19	---	5.7	---	40	52	---
TOTAL	3,312	535.0	392.5	544	239.7	995	388.3	952.7	5,613	3,144	2,073	881
MEAN	107	17.8	12.7	17.5	8.56	32.1	12.9	30.7	187	101	66.9	29.4
MAX	315	27	38	27	14	88	22	170	320	212	153	63
MIN	29	8.9	5.8	12	3.3	16	2.5	3.5	36	40	32	13
MED	85	19	7.7	16	9.3	24	15	14	195	86	56	23
AC-FT	6,570	1,060	779	1,080	475	1,970	770	1,890	11,130	6,240	4,110	1,750
CFSM	2.55	0.43	0.30	0.42	0.20	0.77	0.31	0.73	4.47	2.42	1.60	0.70
IN.	2.94	0.47	0.35	0.48	0.21	0.88	0.34	0.85	4.98	2.79	1.84	0.78

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)

MEAN	107	17.8	12.7	17.5	8.56	32.1	10.8	15.6	93.6	51.1	73.3	138
MAX	107	17.8	12.7	17.5	8.56	32.1	12.9	30.7	187	101	79.8	247
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)
MIN	107	17.8	12.7	17.5	8.56	32.1	8.56	0.42	0.05	0.82	66.9	29.4
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)	(2004)	(2004)	(2005)	(2005)

SUMMARY STATISTICS	FOR 2005 WATER YEAR		WATER YEARS 2004 - 2005	
ANNUAL TOTAL	19,070.2			
ANNUAL MEAN	52.2		52.2	
HIGHEST ANNUAL MEAN			52.2	2005
LOWEST ANNUAL MEAN			52.2	2005
HIGHEST DAILY MEAN	320	Jun 6	434	Sep 27, 2004
LOWEST DAILY MEAN	2.5	Apr 26	0.00	Jun 3, 2004
ANNUAL SEVEN-DAY MINIMUM	3.8	Feb 20	0.00	Jun 3, 2004
MAXIMUM PEAK FLOW	343	Jun 5	874	Sep 27, 1960
MAXIMUM PEAK STAGE	16.90	Jun 5	17.90	Sep 27, 1960
ANNUAL RUNOFF (AC-FT)	37,830		37,850	
ANNUAL RUNOFF (CFSM)	1.25		1.25	
ANNUAL RUNOFF (INCHES)	16.93		16.94	
10 PERCENT EXCEEDS	135		135	
50 PERCENT EXCEEDS	22		22	
90 PERCENT EXCEEDS	6.4		6.4	

e Estimated

02296260 CHARLIE CREEK NEAR CREWSVILLE, FL.

LOCATION.--Lat 27°27'33", long 81°40'43" (1927 North American datum), in SE$^{1}/_{4}$ sec.2, T.35 S., R.26 E., Hardee County, Hydrologic Unit 03100101, at bridge on State Highway 66, 7.1 mi west of Crewsville, and 14.5 mi upstream from mouth.

DRAINAGE AREA.--142 mi^2.

PERIOD OF RECORD.--1974, 1978, 1980 (miscellaneous measurements); October 1980 to March 2004 (crest stage only); April 2004 to current year.

GAGE.--Water-stage recorder. Prior to Apr. 1, 2004, crest stage partial record gage. Datum of gage has not been determined.

REMARKS.--Records good. Maximum discharge, 2,260 cfs, Oct. 1, stage falling, peak occurred Sept. 28, 2004; maximum peak discharge, 1,750 cfs, June 14, gage height, 19.54 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,990	87	27	155	47	148	137	18	26	1,030	180	250
2	1,550	81	25	139	43	184	118	15	104	1,300	236	265
3	1,220	75	24	123	40	204	103	16	237	1,480	264	395
4	1,010	69	22	108	38	238	89	91	443	1,490	302	462
5	847	64	22	96	36	252	76	119	827	1,350	418	450
6	711	60	20	85	33	240	64	141	1,270	1,170	473	416
7	589	58	19	76	31	213	55	193	1,470	1,000	466	382
8	517	58	19	68	29	180	51	242	1,450	860	460	343
9	456	51	18	61	27	155	48	238	1,320	783	443	295
10	407	50	18	55	26	151	44	202	1,200	766	411	254
11	364	49	19	49	24	153	38	160	1,170	748	370	203
12	335	47	19	45	22	156	33	129	1,290	759	326	156
13	314	45	19	42	20	152	30	101	1,640	819	291	125
14	295	44	18	52	18	142	28	74	1,730	807	257	98
15	275	43	17	95	17	130	25	55	1,590	801	216	76
16	247	42	16	131	16	116	23	55	1,380	862	224	61
17	221	40	15	162	16	171	20	61	1,190	874	294	50
18	200	38	16	170	15	396	17	48	1,030	871	290	42
19	181	36	17	161	14	616	15	35	893	830	257	35
20	166	34	18	149	14	774	13	25	766	747	213	29
21	156	32	17	138	13	825	12	18	663	660	174	27
22	157	30	17	126	12	776	11	15	572	571	163	29
23	160	29	16	114	12	692	10	12	571	507	209	33
24	160	27	17	102	12	597	10	10	638	439	190	33
25	156	26	24	90	12	522	10	9.0	672	384	178	30
26	148	26	79	81	12	450	9.4	8.3	663	339	200	26
27	138	27	133	73	31	381	13	7.8	631	311	223	27
28	127	28	184	67	107	311	16	7.3	595	277	234	37
29	114	28	200	62	---	258	21	6.6	600	240	243	82
30	104	28	191	57	---	206	21	5.7	753	204	245	116
31	95	---	174	52	---	163	---	5.8	---	184	251	---
TOTAL	13,410	1,352	1,440	2,984	737	9,952	1,160.4	2,123.5	27,384	23,463	8,701	4,827
MEAN	433	45.1	46.5	96.3	26.3	321	38.7	68.5	913	757	281	161
MAX	1,990	87	200	170	107	825	137	242	1,730	1,490	473	462
MIN	95	26	15	42	12	116	9.4	5.7	26	184	163	26
MED	247	42	19	90	21	213	24	35	796	783	251	90
AC-FT	26,600	2,680	2,860	5,920	1,460	19,740	2,300	4,210	54,320	46,540	17,260	9,570
CFSM	3.05	0.32	0.33	0.68	0.19	2.26	0.27	0.48	6.43	5.33	1.98	1.13
IN.	3.51	0.35	0.38	0.78	0.19	2.61	0.30	0.56	7.17	6.15	2.28	1.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)

MEAN	433	45.1	46.5	96.3	26.3	321	20.0	34.7	456	380	453	814
MAX	433	45.1	46.5	96.3	26.3	321	38.7	68.5	913	757	624	1,467
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)
MIN	433	45.1	46.5	96.3	26.3	321	1.31	0.87	0.00	2.23	281	161
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)	(2004)	(2004)	(2005)	(2005)

SUMMARY STATISTICS	FOR 2005 WATER YEAR		WATER YEARS 2004 - 2005	
ANNUAL TOTAL	97,533.9			
ANNUAL MEAN	267		267	
HIGHEST ANNUAL MEAN			267	2005
LOWEST ANNUAL MEAN			267	2005
HIGHEST DAILY MEAN	1,990	Oct 1	3,710	Sep 8, 2004
LOWEST DAILY MEAN	5.7	May 30	0.00	May 23, 2004
ANNUAL SEVEN-DAY MINIMUM	7.2	May 25	0.00	May 23, 2004
MAXIMUM PEAK FLOW	1,750	Jun 14	6,840	Mar 21, 1998
MAXIMUM PEAK STAGE	19.54	Jun 14	21.34	Mar 21, 1998
ANNUAL RUNOFF (AC-FT)	193,500		193,600	
ANNUAL RUNOFF (CFSM)	1.88		1.88	
ANNUAL RUNOFF (INCHES)	25.55		25.57	
10 PERCENT EXCEEDS	790		790	
50 PERCENT EXCEEDS	125		125	
90 PERCENT EXCEEDS	16		16	

02296389 OAK CREEK NEAR GARDNER, FL.

LOCATION.--Lat 27° 24'42", long 81° 41'44" (1927 North American datum), in NE$^{1}/_{4}$ sec.27, T.35 S., R.26 E., Hardee County, Hydrologic Unit 03100101, near center of span on downstream side of bridge on County Road 634, 3.4 mi upstream from mouth, and 7.8 mi northeast of Gardner.

DRAINAGE AREA.--65.1 mi^2.

PERIOD OF RECORD.--April 1965 to October 1981 (miscellaneous discharge measurements only); April 2004 to current year.

GAGE.--Water-stage recorder. Datum of gage has not been determined.

REMARKS.--Records good.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	485	27	9.9	31	16	59	33	7.0	63	208	69	23
2	411	25	8.8	29	15	45	32	6.8	182	235	103	23
3	354	23	8.1	26	14	38	35	7.8	313	248	68	20
4	307	21	7.5	24	13	37	30	80	574	238	58	17
5	265	20	7.0	22	12	35	25	87	906	217	56	15
6	231	18	6.7	21	11	31	22	79	941	203	69	14
7	203	17	6.4	19	11	27	20	74	726	187	96	13
8	181	16	6.1	18	10	24	21	66	603	169	98	12
9	160	15	5.9	17	9.4	23	20	56	519	249	87	11
10	142	15	5.9	15	9.0	35	18	45	507	391	74	10
11	127	14	6.3	14	8.5	35	16	37	603	390	68	9.8
12	127	12	6.4	13	7.8	32	14	31	725	429	66	9.0
13	119	12	6.1	13	7.2	28	13	26	721	573	65	8.2
14	108	11	5.6	30	6.6	25	12	22	675	507	61	7.4
15	99	11	5.1	57	6.2	23	10	18	583	311	59	6.8
16	91	10	4.8	52	5.9	22	9.0	25	504	239	54	6.4
17	83	9.3	4.6	42	5.7	65	7.7	23	428	203	50	6.0
18	76	8.7	5.3	37	5.5	155	6.7	20	356	183	45	5.6
19	69	8.2	6.3	35	5.0	138	5.8	17	286	160	41	5.2
20	66	7.8	6.4	33	4.7	116	5.1	14	232	143	36	5.1
21	64	7.5	6.1	31	4.5	99	4.5	11	202	129	32	5.6
22	59	7.1	5.9	28	4.4	87	4.1	9.3	181	115	34	6.2
23	54	6.9	6.0	26	4.2	80	3.8	7.6	265	101	47	6.0
24	52	6.4	6.2	24	4.1	76	3.4	6.2	356	88	54	5.6
25	51	6.4	19	22	4.5	70	3.1	5.0	219	80	48	5.1
26	49	6.6	67	21	7.6	64	2.9	4.3	178	73	44	4.8
27	44	6.4	59	22	41	56	7.3	4.2	158	64	39	8.3
28	40	12	46	21	72	50	11	4.0	149	56	35	32
29	36	13	39	20	---	45	8.8	3.6	199	50	33	68
30	32	11	36	19	---	40	7.6	3.3	208	48	29	37
31	29	---	34	17	---	36	---	4.9	---	53	27	---
TOTAL	4,214	384.3	453.4	799	325.8	1,696	411.8	805.0	12,562	6,340	1,745	406.1
MEAN	136	12.8	14.6	25.8	11.6	54.7	13.7	26.0	419	205	56.3	13.5
MAX	485	27	67	57	72	155	35	87	941	573	103	68
MIN	29	6.4	4.6	13	4.1	22	2.9	3.3	63	48	27	4.8
MED	91	12	6.4	22	7.7	40	10	17	356	187	54	8.7
AC-FT	8,360	762	899	1,580	646	3,360	817	1,600	24,920	12,580	3,460	805

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)

MEAN	136	12.8	14.6	25.8	11.6	54.7	8.15	14.8	211	108	122	238
MAX	136	12.8	14.6	25.8	11.6	54.7	13.7	26.0	419	205	188	463
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)
MIN	136	12.8	14.6	25.8	11.6	54.7	2.57	3.64	3.04	11.6	56.3	13.5
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)	(2004)	(2004)	(2005)	(2005)

SUMMARY STATISTICS	FOR 2005 WATER YEAR		WATER YEARS 2004 - 2005	
ANNUAL TOTAL	30,142.4			
ANNUAL MEAN	82.6		82.6	
HIGHEST ANNUAL MEAN			82.6	2005
LOWEST ANNUAL MEAN			82.6	2005
HIGHEST DAILY MEAN	941	Jun 6	1,400	Sep 27, 2004
LOWEST DAILY MEAN	2.9	Apr 26	0.15	May 31, 2004
ANNUAL SEVEN-DAY MINIMUM	3.8	Apr 20	0.18	May 26, 2004
MAXIMUM PEAK FLOW	1,050	Jun 5	1,470	Sep 27, 2004
MAXIMUM PEAK STAGE	13.54	Jun 5	14.22	Sep 27, 2004
ANNUAL RUNOFF (AC-FT)	59,790		59,830	
10 PERCENT EXCEEDS	231		231	
50 PERCENT EXCEEDS	27		27	
90 PERCENT EXCEEDS	5.9		5.9	

02296500 CHARLIE CREEK NEAR GARDNER, FL.

LOCATION.--Lat 27°22'29", long 81°47'48" (1927 North American datum), in SE$^{1}/_{4}$ sec.3, T.36 S., R.25 E., Hardee County, Hydrologic Unit 03100101, near center of span on downstream side of bridge on U. S. Highway 17, 1.6 mi north of Gardner, and 4.9 mi upstream from mouth.

DRAINAGE AREA.--330 mi^2.

PERIOD OF RECORD.--April 1950 to current year. Prior to October 1957, published as Charlie Apopka Creek near Gardner.

REVISED RECORDS.--WSP 1234: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 21.66 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Maximum discharge, 4,210 cfs, Oct. 1, stage falling, peak occurred Sept. 29, 2004; maximum peak discharge, 3,630 cfs, June 7, gage height, 15.43 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known, 24.2 ft in 1928, from information by local resident.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3,840	97	39	335	99	356	232	43	48	1,620	616	343
2	3,220	89	38	295	90	378	201	40	335	1,730	619	367
3	2,680	82	36	255	84	433	180	40	744	1,900	594	402
4	2,390	75	34	223	78	496	159	636	1,170	2,080	544	481
5	2,150	69	33	195	73	543	138	718	1,800	2,210	608	524
6	1,940	64	33	172	69	515	120	504	2,270	2,190	707	507
7	1,720	60	32	154	64	445	105	407	3,240	2,060	713	466
8	1,510	57	31	139	60	373	99	390	3,490	1,830	755	422
9	1,270	56	31	126	57	313	95	380	3,110	1,700	771	378
10	1,040	52	31	114	53	317	88	340	2,670	1,830	753	331
11	837	50	32	104	50	326	80	282	2,650	1,880	681	280
12	727	48	33	96	47	311	73	228	3,140	1,820	634	229
13	629	46	33	89	45	293	67	181	3,080	1,770	587	186
14	551	45	33	105	41	269	62	143	3,210	1,800	523	151
15	491	43	31	250	38	240	58	112	3,270	1,810	431	121
16	437	42	30	291	36	213	53	93	2,950	1,710	367	95
17	385	41	29	307	34	385	49	95	2,580	1,590	369	79
18	335	39	29	327	32	1,000	45	93	2,310	1,510	407	67
19	294	38	30	322	30	1,110	41	79	2,030	1,420	386	58
20	260	36	e31	303	29	1,130	37	65	1,720	1,340	338	50
21	236	34	e30	277	28	1,150	34	54	1,430	1,270	297	44
22	216	33	31	249	26	1,140	32	45	1,200	1,160	294	43
23	207	32	32	223	25	1,090	29	38	1,200	996	456	44
24	201	31	34	198	25	996	28	34	1,470	839	472	45
25	195	31	48	176	24	866	26	30	1,570	710	409	44
26	187	30	228	157	26	737	25	27	1,380	605	374	44
27	173	31	308	143	49	617	31	25	1,220	537	364	84
28	155	38	329	133	295	509	51	23	1,190	484	362	84
29	137	42	374	125	---	418	48	22	1,300	422	354	168
30	122	41	386	117	---	341	46	21	1,510	370	349	199
31	108	---	368	108	---	279	---	21	---	447	343	---
TOTAL	28,643	1,472	2,817	6,108	1,607	17,589	2,332	5,209	59,287	43,640	15,477	6,336
MEAN	924	49.1	90.9	197	57.4	567	77.7	168	1,976	1,408	499	211
MAX	3,840	97	386	335	295	1,150	232	718	3,490	2,210	771	524
MIN	108	30	29	89	24	213	25	21	48	370	294	43
CFSM	2.80	0.15	0.28	0.60	0.17	1.72	0.24	0.51	5.99	4.27	1.51	0.64
IN.	3.23	0.17	0.32	0.69	0.18	1.98	0.26	0.59	6.68	4.92	1.74	0.71

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2005, BY WATER YEAR (WY)

MEAN	386	125	107	129	160	221	117	44.9	297	442	508	716
MAX	2,117	1,225	1,377	1,097	1,667	1,838	625	562	2,250	2,275	2,028	2,710
(WY)	(1954)	(1998)	(1998)	(1998)	(1998)	(1998)	(1951)	(1957)	(1982)	(1974)	(1960)	(1953)
MIN	9.87	4.04	3.39	4.81	4.09	2.10	0.81	0.57	2.18	4.85	19.1	27.5
(WY)	(1985)	(2001)	(1982)	(1956)	(1956)	(1956)	(1975)	(1975)	(2000)	(1981)	(1993)	(1996)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1951 - 2005	
ANNUAL TOTAL	165,888.2		190,517			
ANNUAL MEAN	453		522		271	
HIGHEST ANNUAL MEAN					694	1998
LOWEST ANNUAL MEAN					64.5	1981
HIGHEST DAILY MEAN	5,340	Sep 9	3,840	Oct 1	7,820	Aug 1, 1960
LOWEST DAILY MEAN	5.7	Jun 2	21	May 30	0.06	Jun 21, 2000
ANNUAL SEVEN-DAY MINIMUM	6.4	May 27	24	May 25	0.10	Jun 16, 2000
MAXIMUM PEAK FLOW			3,630	Jun 7	8,160	Aug 1, 1960
MAXIMUM PEAK STAGE			15.43	Jun 7	18.77	Aug 1, 1960
ANNUAL RUNOFF (CFSM)	1.37		1.58		0.822	
ANNUAL RUNOFF (INCHES)	18.70		21.48		11.17	
10 PERCENT EXCEEDS	1,860		1,710		760	
50 PERCENT EXCEEDS	64		223		64	
90 PERCENT EXCEEDS	11		32		5.6	

e Estimated

02296500 CHARLIE CREEK NEAR GARDNER, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--June 1993 to September 2005 (discontinued).

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15--minute interval, mounted on gage house with the top of the funnel 8 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2002 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	2.55	0.37	2.40	0.47
2	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	1.20	0.00	0.00	0.47
3	0.00	0.00	0.00	0.00	0.00	0.18	0.00	4.43	0.88	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.01	0.08	0.00	0.37	2.19	0.01	0.21	0.00
5	0.03	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.00	0.00	0.06
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.08	0.24
7	0.00	0.00	0.00	0.02	0.00	0.00	0.53	0.00	0.15	0.00	0.53	0.03
8	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.29	0.07	0.00
9	0.00	0.06	0.00	0.00	0.00	0.79	0.00	0.00	0.00	2.54	0.39	0.04
10	0.00	0.00	0.08	0.00	0.01	0.00	0.00	0.00	0.49	0.14	0.29	0.00
11	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.30	1.39	0.25	0.00	0.00
12	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.14	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.06	0.00
14	0.00	0.00	0.10	1.27	0.00	0.00	0.00	0.00	0.00	0.09	0.03	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
16	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.14	0.00	0.44	0.00	0.00
17	0.00	0.00	0.37	0.00	0.00	2.96	0.00	0.00	0.00	0.58	0.00	0.00
18	0.00	0.00	0.04	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.36	0.53	0.01	0.28
21	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.05	0.00	1.33	0.24
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	1.64	0.02
23	0.00	0.00	0.02	0.00	0.00	0.23	0.07	0.00	0.37	0.00	0.42	0.01
24	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.01	0.23	0.17	0.00
25	0.00	0.25	2.68	0.00	0.13	0.00	0.00	0.00	0.00	0.02	0.16	0.00
26	0.00	0.00	0.15	0.00	0.03	0.00	0.14	0.37	0.00	0.00	0.17	3.29
27	0.00	1.01	0.00	0.00	2.43	0.00	1.14	0.00	1.00	0.00	0.47	0.01
28	0.00	0.01	0.00	0.04	0.00	0.05	0.00	0.00	0.18	0.00	0.02	1.30
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.46	0.00	0.00	0.62
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.76	0.40	0.00	0.09
31	0.00	---	0.00	0.00	---	0.00	---	1.10	---	2.41	0.00	---
TOTAL	0.87	1.45	3.66	1.33	2.61	4.40	2.65	6.87	14.07	8.49	8.46	7.17

WTR YR 2005 TOTAL 62.03

02296750 PEACE RIVER AT ARCADIA, FL.

LOCATION.--Lat 27° 13'19", long 81° 52'34" (1927 North American datum), in SE$^{1}/_{4}$ sec.26, T.37 S., R.24 E., De Soto County, Hydrologic Unit 03100101, near center of span on downstream side of bridge on State Highway 70, 1.0 mi west of post office in Arcadia, 6.1 mi upstream from Joshua Creek, and 36 mi upstream from mouth.

DRAINAGE AREA.--1,367 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1931 to current year. Prior to October 1950, published as Peace Creek at Arcadia.

REVISED RECORDS.--WSP 1905: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 6.00 ft above National Geodetic Vertical Datum of 1929. Prior to July 19, 1931, nonrecording gage and July 19, 1931, to Sept. 30, 1963, water-stage recorder at site 500 ft upstream at datum 2.25 ft higher; Oct. 1, 1963, to May 16, 2003, at site 500 ft upstream at same datum.

REMARKS.--Records good. WDR 1992 through WDR 2002 period of record gage height at present datum.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known, 20.6 ft, present datum, in 1912, from information by county engineer; discharge, 43,000 ft^3/s, from rating curve extended above 30,000 ft^3/s.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10,900	1,530	624	970	660	1,740	1,560	416	572	4,750	2,680	1,810
2	10,600	1,470	595	886	641	2,550	1,440	443	1,260	4,920	2,680	1,920
3	9,830	1,380	575	818	618	3,260	1,350	482	2,210	4,980	2,470	1,980
4	9,100	1,300	560	758	603	3,730	1,240	940	3,090	5,100	2,330	2,260
5	8,400	1,230	543	707	590	3,950	1,070	1,850	4,370	5,250	2,390	2,520
6	7,850	1,170	533	659	574	3,870	920	2,030	5,310	5,400	2,570	2,450
7	7,340	1,140	526	615	556	3,470	823	1,820	5,540	5,470	2,590	2,110
8	6,890	1,110	518	589	539	2,900	794	1,490	5,720	5,430	2,750	1,800
9	6,460	1,070	511	573	524	2,330	760	1,240	5,910	5,670	2,960	1,620
10	6,040	1,040	508	567	504	1,990	718	1,110	5,990	5,850	3,040	1,510
11	5,670	1,020	502	564	485	1,810	674	1,030	6,020	5,770	3,040	1,440
12	5,400	995	498	560	462	1,690	626	970	6,070	5,740	2,920	1,360
13	5,040	934	488	552	446	1,490	600	931	6,420	5,760	2,740	1,260
14	4,720	860	473	603	434	1,240	583	924	6,290	5,670	2,610	1,160
15	4,450	800	456	944	427	1,030	565	843	6,320	5,500	2,450	1,070
16	4,210	765	447	1,460	422	898	536	729	6,360	5,360	2,270	994
17	3,990	742	441	1,580	416	1,050	506	676	6,310	5,230	2,120	891
18	3,790	724	442	1,490	406	2,190	486	622	6,120	5,070	2,080	782
19	3,580	707	436	1,390	388	3,160	445	578	5,810	4,870	2,080	695
20	3,380	691	426	1,330	366	3,710	400	506	5,380	4,670	2,080	631
21	3,180	674	404	1,270	345	3,900	369	443	4,930	4,450	2,030	591
22	2,990	660	383	1,220	327	3,840	352	399	4,340	4,200	2,030	596
23	2,820	647	367	1,150	314	3,610	341	373	3,780	3,950	2,230	661
24	2,680	636	358	1,080	304	3,320	324	352	3,540	3,710	2,450	656
25	2,530	634	413	1,030	295	3,050	313	329	3,650	3,480	2,390	614
26	2,340	629	873	989	289	2,810	314	313	3,800	3,230	2,120	594
27	2,120	639	1,410	951	380	2,600	366	318	3,770	3,150	1,890	816
28	1,940	662	1,530	911	825	2,380	432	322	3,870	3,120	1,900	978
29	1,800	655	1,400	843	---	2,150	452	336	4,140	2,880	1,870	1,050
30	1,690	642	1,220	757	---	1,930	419	334	4,550	2,550	1,770	1,350
31	1,600	---	1,080	694	---	1,730	---	334	---	2,240	1,750	---
TOTAL	153,330	27,156	19,540	28,510	13,140	79,378	19,778	23,483	141,442	143,420	73,280	38,169
MEAN	4,946	905	630	920	469	2,561	659	758	4,715	4,626	2,364	1,272
MAX	10,900	1,530	1,530	1,580	825	3,950	1,560	2,030	6,420	5,850	3,040	2,520
MIN	1,600	629	358	552	289	898	313	313	572	2,240	1,750	591
MED	4,210	782	508	886	440	2,550	550	578	5,120	4,980	2,390	1,110
CFSM	3.62	0.66	0.46	0.67	0.34	1.87	0.48	0.55	3.45	3.38	1.73	0.93
IN.	4.17	0.74	0.53	0.78	0.36	2.16	0.54	0.64	3.85	3.90	1.99	1.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1932 - 2005, BY WATER YEAR (WY)

MEAN	1,507	558	500	623	731	872	587	319	1,085	1,729	1,961	2,650
MAX	6,954	3,271	3,780	3,652	5,109	6,410	2,449	2,597	6,107	6,604	7,439	9,876
(WY)	(1954)	(1998)	(1998)	(1998)	(1998)	(1998)	(1958)	(1957)	(1982)	(1945)	(1960)	(1933)
MIN	146	40.5	50.1	73.9	39.5	46.2	31.1	9.53	20.0	93.1	324	328
(WY)	(1985)	(2001)	(2001)	(2001)	(2001)	(2001)	(2000)	(2000)	(2000)	(1981)	(1993)	(1984)

02296750 PEACE RIVER AT ARCADIA, FL.—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1932 - 2005	
ANNUAL TOTAL	639,234		760,626			
ANNUAL MEAN	1,747		2,084		1,095	
HIGHEST ANNUAL MEAN					2,571	1960
LOWEST ANNUAL MEAN					298	1981
HIGHEST DAILY MEAN	14,400	Sep 11	10,900	Oct 1	34,700	Sep 9, 1933
LOWEST DAILY MEAN	93	Jun 2	289	Feb 26	5.6	May 6, 2000
ANNUAL SEVEN-DAY MINIMUM	102	May 30	320	Feb 20	6.3	May 4, 2000
MAXIMUM PEAK FLOW			11,000	Oct 1	36,200	Sep 9, 1933
MAXIMUM PEAK STAGE			16.22	Oct 1	*19.92	Sep 9, 1933
ANNUAL RUNOFF (CFSM)	1.28		1.52		0.801	
ANNUAL RUNOFF (INCHES)	17.40		20.70		10.88	
10 PERCENT EXCEEDS	5,870		5,370		2,760	
50 PERCENT EXCEEDS	542		1,260		462	
90 PERCENT EXCEEDS	168		421		116	

*Present datum

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.19	6.17	3.84	4.84	3.95	6.59	6.32	3.16	3.62	11.24	8.30	6.74
2	16.07	6.03	3.74	4.62	3.89	8.07	6.06	3.26	5.52	11.44	8.30	6.96
3	15.75	5.85	3.67	4.43	3.81	9.20	5.85	3.39	7.47	11.52	7.95	7.07
4	15.38	5.65	3.62	4.25	3.77	9.89	5.59	4.71	8.93	11.66	7.70	7.58
5	14.99	5.48	3.56	4.10	3.72	10.19	5.19	6.83	10.74	11.84	7.81	8.03
6	14.57	5.36	3.53	3.95	3.67	10.09	4.79	7.17	11.92	12.02	8.11	7.91
7	14.12	5.28	3.50	3.81	3.61	9.54	4.52	6.75	12.19	12.10	8.15	7.30
8	13.68	5.20	3.48	3.72	3.55	8.71	4.44	6.07	12.39	12.06	8.40	6.72
9	13.22	5.10	3.45	3.66	3.50	7.82	4.34	5.52	12.61	12.33	8.74	6.35
10	12.76	5.02	3.44	3.65	3.43	7.24	4.21	5.20	12.70	12.54	8.87	6.12
11	12.33	4.97	3.42	3.64	3.35	6.94	4.08	5.00	12.73	12.46	8.86	5.96
12	12.02	4.91	3.40	3.62	3.27	6.75	3.92	4.84	12.79	12.42	8.68	5.79
13	11.59	4.75	3.37	3.60	3.21	6.37	3.84	4.74	13.17	12.44	8.40	5.56
14	11.20	4.54	3.31	3.76	3.16	5.85	3.78	4.72	13.04	12.34	8.18	5.32
15	10.85	4.37	3.25	4.76	3.14	5.38	3.72	4.50	13.06	12.14	7.92	5.10
16	10.53	4.27	3.22	6.01	3.12	5.04	3.62	4.17	13.11	11.98	7.60	4.91
17	10.25	4.21	3.19	6.26	3.10	5.38	3.51	4.00	13.05	11.82	7.33	4.63
18	9.96	4.15	3.19	6.07	3.06	7.66	3.44	3.83	12.84	11.63	7.25	4.32
19	9.67	4.10	3.17	5.86	2.98	9.15	3.28	3.68	12.49	11.38	7.26	4.06
20	9.37	4.05	3.13	5.72	2.89	9.91	3.11	3.43	12.00	11.14	7.25	3.86
21	9.08	4.00	3.05	5.59	2.80	10.15	2.99	3.20	11.45	10.85	7.15	3.73
22	8.79	3.95	2.96	5.46	2.73	10.06	2.91	3.03	10.70	10.53	7.16	3.74
23	8.53	3.91	2.90	5.29	2.67	9.75	2.86	2.92	9.95	10.18	7.53	3.93
24	8.30	3.87	2.86	5.13	2.62	9.34	2.79	2.83	9.62	9.86	7.90	3.90
25	8.05	3.87	3.07	5.00	2.58	8.93	2.74	2.73	9.77	9.53	7.80	3.73
26	7.72	3.85	4.56	4.89	2.55	8.56	2.75	2.66	9.98	9.15	7.32	3.64
27	7.34	3.88	5.90	4.79	2.94	8.21	2.97	2.69	9.93	9.03	6.90	4.30
28	6.99	3.96	6.18	4.69	4.40	7.84	3.23	2.70	10.08	8.99	6.92	4.73
29	6.72	3.94	5.87	4.50	---	7.44	3.32	2.76	10.44	8.61	6.85	4.90
30	6.51	3.89	5.47	4.25	---	7.04	3.19	2.76	10.99	8.08	6.67	5.58
31	6.32	---	5.13	4.06	---	6.66	---	2.76	---	7.55	6.61	---
MEAN	10.93	4.62	3.76	4.64	3.27	8.06	3.91	4.06	10.98	11.00	7.74	5.42
MAX	16.19	6.17	6.18	6.26	4.40	10.19	6.32	7.17	13.17	12.54	8.87	8.03
MIN	6.32	3.85	2.86	3.60	2.55	5.04	2.74	2.66	3.62	7.55	6.61	3.64

02297088 HAWTHORN CREEK NEAR NOCATEE, FL.

LOCATION.--Lat 27° 09'02", long 81° 15'31" (1927 North American datum), in $NW^1/_4$ sec.30, T.37 S., R.25 E., De Soto County, Hydrologic Unit 03100101, at bridge on County Road 760-A, 1.2 mi above mouth, and 1.8 mi east of Nocatee.

DRAINAGE AREA.--39 mi^2.

PERIOD OF RECORD.--March 1984 to current year (crest stage only).

GAGE.--Crest stage partial record gage. Datum of gage has not been determined.

REMARKS.--The annual gage height and maximum discharge data for the 1997 water year are in error. The corrected date is September 28, 1997. The corrected gage height is 14.35 ft and the corrected discharge is 1,977 cfs.

DISCHARGE MEASUREMENTS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Annual gage height (ft)	Maximum discharge ($ft^3/_S$)
June 5	11.00	478

02297100 JOSHUA CREEK AT NOCATEE, FL.

LOCATION.--Lat 27° 09'59", long 81° 52'47" (1927 North American datum), in SE$^{1}/_{4}$ sec.14, T.38 S., R.24 E., De Soto County, Hydrologic Unit 03100101, near center of span on downstream side of bridge on U. S. Highway 17, 0.5 mi north of Nocatee, and 2.2 mi upstream from mouth.

DRAINAGE AREA.--132 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1950 to current year.

REVISED RECORDS.--WSP 1334: 1952(M). WSP 1905: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 3.94 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good except those for backwater-affected daily discharges, which are poor.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of September 1948 reached a stage of 17.7 ft, from information by local residents.

REVISIONS.--Revised figures of discharge for Aug. 13-Sept. 30, 2004 are given below.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	800	32	20	40	51	171	22	29	22	177	111	719
2	657	31	20	38	52	137	21	41	21	141	139	748
3	544	30	21	39	49	113	22	53	21	109	172	585
4	448	31	19	37	46	100	20	e100	21	92	384	e484
5	366	35	19	35	44	86	20	86	21	85	688	e451
6	298	40	19	34	42	72	19	72	30	75	1,070	e727
7	244	47	18	33	40	63	18	64	31	85	1,230	e2,030
8	201	46	19	32	38	58	18	57	35	91	1,210	e2,020
9	167	44	20	32	36	52	18	51	41	78	1,030	e1,510
10	140	40	20	32	35	47	19	47	44	65	855	e2,230
11	121	37	23	31	34	44	17	45	58	58	670	e2,040
12	106	35	22	30	34	42	22	43	69	113	542	e1,420
13	94	34	21	29	33	40	27	40	78	183	508	e976
14	86	32	38	28	32	37	26	37	151	169	999	e610
15	76	30	57	28	47	35	25	36	279	114	1,700	e341
16	68	27	60	28	48	38	24	33	297	85	2,040	e192
17	62	25	169	29	44	43	23	31	258	81	2,100	e144
18	56	26	208	56	42	40	21	30	218	71	1,870	e125
19	52	26	200	109	40	38	20	29	172	77	1,480	e226
20	49	26	152	86	38	35	21	29	135	145	1,190	e254
21	48	25	124	69	36	33	20	27	108	253	1,030	e275
22	45	23	112	63	34	31	19	27	87	308	885	e348
23	42	22	98	57	33	30	19	25	72	261	806	e373
24	40	21	88	52	32	29	18	24	67	194	842	e340
25	39	21	75	50	154	27	16	24	109	147	1,180	e302
26	38	27	65	46	333	26	16	24	120	131	1,190	e613
27	37	25	58	44	309	27	17	25	152	111	903	1,840
28	38	22	52	42	255	25	17	24	169	105	741	1,620
29	38	20	48	41	211	24	16	24	142	110	620	e1,480
30	35	20	46	41	---	24	19	22	149	121	536	e1,110
31	33	---	43	44	---	23	---	20	---	112	492	---
TOTAL	5,068	900	1,954	1,355	2,222	1,590	600	1,219	3,177	3,947	29,213	26,133
MEAN	163	30.0	63.0	43.7	76.6	51.3	20.0	39.3	106	127	942	871
MAX	800	47	208	109	333	171	27	100	297	308	2,100	2,230
MIN	33	20	18	28	32	23	16	20	21	58	111	125
CFSM	1.24	0.23	0.48	0.33	0.58	0.39	0.15	0.30	0.80	0.96	7.14	6.60
IN.	1.43	0.25	0.55	0.38	0.63	0.45	0.17	0.34	0.90	1.11	8.23	7.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2004, BY WATER YEAR (WY)

MEAN	157	41.6	39.7	49.1	57.0	82.3	33.5	29.1	143	182	204	302
MAX	1,067	234	405	284	484	439	201	250	1,133	699	942	899
(WY)	(1954)	(1969)	(1998)	(1998)	(1983)	(1998)	(1993)	(1958)	(1982)	(1974)	(2004)	(1994)
MIN	4.56	3.53	1.78	1.95	2.99	0.92	0.60	0.70	0.52	2.16	7.16	18.1
(WY)	(1962)	(1962)	(1956)	(1956)	(1956)	(1956)	(1956)	(1953)	(1956)	(1956)	(1956)	(1984)

02297100 JOSHUA CREEK AT NOCATEE, FL.—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1951 - 2004	
ANNUAL TOTAL	66,513		77,378			
ANNUAL MEAN	182		211		110	
HIGHEST ANNUAL MEAN					231	1953
LOWEST ANNUAL MEAN					20.7	1956
HIGHEST DAILY MEAN	4,160	Jun 22	2,230	Sep 10	7,910	Oct 10, 1953
LOWEST DAILY MEAN	13	Apr 22	16	Apr 25	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	18	Apr 18	17	Apr 23	0.00	May 3, 1959
MAXIMUM PEAK FLOW			2,230	Sep 10	8,670	Oct 10, 1953
MAXIMUM PEAK STAGE			16.86	Sep 10	19.05	Sep 22, 1962
ANNUAL RUNOFF (CFSM)	1.38		1.60		0.835	
ANNUAL RUNOFF (INCHES)	18.74		21.81		11.34	
10 PERCENT EXCEEDS	481		675		278	
50 PERCENT EXCEEDS	58		47		28	
90 PERCENT EXCEEDS	24		21		4.4	

e Estimated

02297100 JOSHUA CREEK AT NOCATEE, FL---Continued.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e844	48	24	68	43	174	70	24	147	1,060	330	e141
2	e678	47	23	60	41	162	63	25	419	1,280	382	e123
3	e494	43	22	55	40	156	63	24	686	1,140	274	e111
4	e374	40	21	51	38	170	56	40	1,080	907	214	e99
5	e306	38	20	48	37	180	49	59	1,650	711	544	e88
6	e255	36	19	45	36	174	44	61	1,780	e568	732	e75
7	e228	33	19	43	35	153	40	51	1,470	e383	542	65
8	e165	30	19	40	34	125	42	41	1,140	e244	503	54
9	e136	28	18	38	33	112	40	34	1,010	772	545	45
10	e129	28	19	36	32	157	36	30	901	1,550	586	38
11	e153	27	20	34	31	154	32	26	1,040	1,410	507	34
12	e286	26	18	32	31	135	29	25	1,470	1,150	411	31
13	e236	25	17	31	32	116	28	22	1,660	1,090	339	28
14	e224	24	18	69	31	98	26	21	1,280	1,020	285	26
15	e229	24	18	152	31	83	24	19	998	1,010	231	24
16	e209	24	17	137	32	73	23	18	834	886	191	23
17	194	23	17	120	31	195	22	27	702	701	160	21
18	174	23	20	106	30	487	20	25	582	543	141	20
19	158	22	22	93	28	543	20	20	478	e410	123	18
20	143	22	21	86	27	490	19	18	399	e328	106	18
21	129	21	23	80	26	391	19	17	419	e280	92	19
22	116	20	24	74	29	324	19	15	494	e242	110	27
23	104	20	22	67	29	276	18	14	493	299	130	28
24	95	19	24	65	29	246	16	14	747	278	142	28
25	87	21	50	68	30	215	15	13	1,030	516	149	27
26	80	23	165	64	30	183	15	13	953	622	147	39
27	75	22	144	60	88	154	27	16	837	441	145	173
28	67	30	121	55	192	132	32	18	808	451	211	124
29	62	29	105	52	---	115	28	16	972	389	245	100
30	57	26	90	48	---	96	25	14	973	292	219	93
31	52	---	77	45	---	81	---	17	---	285	e167	---
TOTAL	6,539	842	1,237	2,022	1,126	6,150	960	777	27,452	21,258	8,903	1,740
MEAN	211	28.1	39.9	65.2	40.2	198	32.0	25.1	915	686	287	58.0
MAX	844	48	165	152	192	543	70	61	1,780	1,550	732	173
MIN	52	19	17	31	26	73	15	13	147	242	92	18
CFSM	1.60	0.21	0.30	0.49	0.30	1.50	0.24	0.19	6.93	5.20	2.18	0.44
IN.	1.84	0.24	0.35	0.57	0.32	1.73	0.27	0.22	7.74	5.99	2.51	0.49

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2005, BY WATER YEAR (WY)

MEAN	158	41.3	39.7	49.4	56.7	84.5	33.5	29.0	157	191	205	297
MAX	1,067	234	405	284	484	439	201	250	1,133	699	942	899
(WY)	(1954)	(1969)	(1998)	(1998)	(1983)	(1998)	(1993)	(1958)	(1982)	(1974)	(2004)	(1994)
MIN	4.56	3.53	1.78	1.95	2.99	0.92	0.60	0.70	0.52	2.16	7.16	18.1
(WY)	(1962)	(1962)	(1956)	(1956)	(1956)	(1956)	(1956)	(1953)	(1956)	(1956)	(1956)	(1984)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1951 - 2005	
ANNUAL TOTAL	78,074		79,006			
ANNUAL MEAN	213		216		112	
HIGHEST ANNUAL MEAN					231	1953
LOWEST ANNUAL MEAN					20.7	1956
HIGHEST DAILY MEAN	2,230	Sep 10	1,780	Jun 6	7,910	Oct 10, 1953
LOWEST DAILY MEAN	16	Apr 25	13	May 25	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	17	Apr 23	15	May 21	0.00	May 3, 1959
MAXIMUM PEAK FLOW			1,900	Jun 5	8,670	Oct 10, 1953
MAXIMUM PEAK STAGE			15.39	Jun 5	19.05	Sep 22, 1962
ANNUAL RUNOFF (CFSM)	1.62		1.64		0.849	
ANNUAL RUNOFF (INCHES)	22.00		22.27		11.54	
10 PERCENT EXCEEDS	681		701		286	
50 PERCENT EXCEEDS	48		65		29	
90 PERCENT EXCEEDS	20		20		4.5	

e Estimated

02297100 JOSHUA CREEK AT NOCATEE, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--December 2001 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located near the surface.

REMARKS.--Interruptions in record were due to malfunctions of the instruments. Specific conductance records good, temperature records excellent.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 2,000 microsiemens, May 17, 2002; minimum, 84 microsiemens, Sept. 14, 2003.

TEMPERATURE.--Maximum, 31.3° C, Aug. 18, 19, 2005; minimum, 10.0° C, Jan. 5, 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Maximum, 1,180 microsiemens, Dec. 22; minimum, 208 microsiemens, Aug. 5.

TEMPERATURE.--Maximum, 31.3° C, Aug. 18, 19; minimum, 12.2° C, Dec. 16.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	237	218	698	683	816	805	749	739	775	747	734	708
2	266	237	729	698	816	813	747	744	784	771	709	706
3	289	266	728	713	820	813	749	745	806	782	711	706
4	312	289	785	718	826	811	750	744	789	758	734	711
5	336	312	802	736	834	821	770	746	800	789	730	724
6	352	335	769	734	838	831	760	743	835	798	727	722
7	368	352	743	732	840	829	762	752	839	815	731	719
8	390	368	741	731	850	838	771	755	836	814	729	718
9	413	390	740	731	850	834	801	765	844	823	727	686
10	431	413	773	731	882	835	800	769	842	822	722	675
11	447	431	806	765	872	844	788	782	835	825	715	682
12	470	445	793	766	844	838	787	770	854	824	684	682
13	470	458	813	766	842	839	787	778	872	831	689	682
14	468	461	784	771	898	839	809	569	902	862	693	682
15	481	467	777	764	906	860	659	595	941	876	697	682
16	498	481	800	763	912	883	668	649	926	876	718	682
17	506	496	819	787	907	858	675	667	971	898	716	463
18	521	506	832	802	920	871	677	671	949	897	473	460
19	536	521	833	820	918	886	687	674	938	917	466	453
20	548	536	863	819	918	899	696	675	922	882	487	457
21	556	545	874	856	1,160	918	731	696	914	877	505	486
22	569	555	863	848	1,180	963	714	700	971	896	529	505
23	604	568	853	818	967	948	711	698	1,020	946	557	529
24	611	596	857	834	948	848	784	711	950	916	573	557
25	620	607	852	801	848	598	798	784	969	911	587	573
26	634	617	851	821	709	587	804	795	973	935	599	584
27	687	633	830	793	742	709	803	771	935	662	607	589
28	688	665	806	786	759	736	776	769	729	715	627	605
29	683	665	805	793	760	747	769	754	---	---	637	624
30	699	676	805	792	759	751	760	752	---	---	647	631
31	693	670	---	---	761	748	758	752	---	---	655	643
MONTH	699	218	874	683	1,180	587	809	569	1,020	662	734	453

02297100 JOSHUA CREEK AT NOCATEE, FL.—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	667	655	851	828	862	419	272	227	394	289	---	---
2	704	664	848	836	464	399	227	215	371	298	---	---
3	721	696	849	793	405	364	235	217	398	371	---	---
4	714	707	847	722	364	300	270	235	416	398	---	---
5	724	707	745	728	301	251	295	270	409	208	---	---
6	725	718	756	732	258	247	318	295	274	221	---	---
7	734	721	763	751	263	251	343	318	314	274	505	477
8	741	722	771	760	270	263	363	343	335	314	518	505
9	744	737	773	759	288	270	357	220	334	298	533	518
10	741	733	793	767	306	288	234	219	308	305	550	533
11	746	736	802	779	319	304	238	231	313	307	559	548
12	759	740	817	797	315	265	248	235	323	308	572	557
13	769	751	836	817	273	258	244	234	341	323	603	569
14	771	760	849	829	288	268	244	227	369	339	613	595
15	797	771	859	843	301	287	239	222	388	369	639	607
16	797	787	861	844	314	301	270	239	411	388	682	625
17	852	795	883	812	339	314	292	270	428	411	676	628
18	847	834	864	809	367	339	316	292	443	423	690	676
19	864	832	811	803	394	367	346	316	456	438	696	678
20	864	849	822	801	421	393	365	346	477	454	752	693
21	872	851	860	819	439	383	385	364	498	477	761	699
22	918	860	865	846	385	380	425	384	499	417	731	709
23	925	885	866	839	390	344	442	384	443	397	749	712
24	885	869	902	866	345	256	460	288	397	363	751	736
25	897	869	921	897	262	244	306	247	368	358	768	740
26	921	896	926	857	264	250	307	249	380	367	768	474
27	916	786	885	862	290	264	354	307	381	369	565	401
28	863	853	862	819	297	253	354	314	390	353	616	565
29	866	854	850	818	254	242	348	329	353	320	645	610
30	864	846	873	847	273	246	388	348	337	320	632	618
31	---	---	863	751	---	---	413	387	---	---	---	---
MONTH	925	655	926	722	862	242	460	215	---	---	---	---

02297100 JOSHUA CREEK AT NOCATEE, FL.—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.0	28.0	25.4	23.8	22.1	20.0	18.9	17.8	18.6	16.6	21.6	19.6
2	28.8	27.9	25.7	23.9	21.3	20.3	18.9	17.7	19.3	17.5	20.2	18.1
3	28.5	27.5	25.8	23.8	20.9	19.0	19.0	17.9	20.4	18.4	18.5	15.8
4	28.2	27.2	25.8	23.9	19.0	17.3	19.2	17.7	19.8	16.4	17.6	15.0
5	28.2	27.1	24.5	22.6	19.0	16.8	19.6	18.1	17.1	14.7	18.1	15.9
6	28.2	27.5	22.9	21.1	20.5	18.0	20.4	18.9	17.8	15.5	18.7	16.1
7	27.8	26.7	22.6	20.4	21.2	19.3	21.7	19.9	19.1	16.5	19.5	17.7
8	26.7	25.6	21.7	19.7	21.9	19.9	21.3	19.9	19.4	17.0	19.8	18.5
9	26.7	25.1	21.2	19.1	22.9	20.5	20.8	19.3	19.8	17.1	19.1	16.1
10	26.6	25.4	22.5	20.5	22.7	19.7	20.3	19.0	19.6	17.4	17.3	15.0
11	26.2	25.4	22.7	20.9	21.9	19.4	20.2	18.5	17.4	14.8	17.7	15.9
12	26.2	24.7	22.9	20.8	19.4	16.4	20.5	18.6	15.8	12.9	18.7	16.4
13	26.8	25.3	23.2	21.4	17.4	14.7	21.5	19.6	16.5	13.1	19.5	16.5
14	26.4	24.8	23.0	22.0	17.5	15.2	21.4	20.0	18.3	14.6	20.9	18.1
15	25.7	24.4	22.5	20.9	15.2	13.0	20.0	19.0	19.4	16.4	21.4	19.8
16	24.4	22.1	21.8	20.1	15.0	12.2	19.2	17.6	20.5	17.3	23.3	20.8
17	23.3	21.2	21.6	19.5	16.1	14.3	17.6	15.4	20.9	18.1	23.2	20.1
18	24.5	22.3	21.5	19.5	17.7	15.9	15.4	13.4	20.6	18.4	20.7	19.3
19	25.3	23.9	21.3	19.2	17.5	16.1	14.7	13.1	19.5	16.4	20.4	18.1
20	25.8	24.4	21.8	19.5	16.1	13.4	14.5	13.2	20.4	16.8	19.7	18.2
21	26.2	24.8	22.5	19.8	14.3	12.3	15.5	13.5	21.3	17.6	20.5	19.4
22	26.2	25.0	23.0	20.6	16.4	13.6	17.0	15.0	21.4	19.1	22.7	20.4
23	25.5	24.3	22.7	20.9	18.3	16.4	17.5	16.0	22.5	20.4	22.9	21.9
24	25.1	23.6	23.5	21.3	18.6	17.8	16.0	13.3	22.6	20.3	22.9	21.4
25	25.1	23.5	23.8	21.8	17.8	16.1	14.2	12.3	21.8	20.6	24.7	22.5
26	25.0	23.7	21.8	19.5	16.3	15.5	15.2	13.1	22.2	20.2	25.9	23.8
27	24.8	23.1	20.9	18.7	15.5	13.6	17.0	14.7	21.5	20.8	25.7	24.0
28	24.3	22.7	21.8	20.1	15.1	13.4	17.7	16.5	21.9	20.7	25.2	23.4
29	24.6	23.0	21.1	19.1	16.1	14.5	18.9	17.1	---	---	23.5	21.3
30	25.2	23.5	21.1	18.9	16.9	15.1	19.8	18.0	---	---	23.0	20.1
31	25.0	23.1	---	---	18.3	16.7	19.3	17.8	---	---	24.3	21.6
MONTH	29.0	21.2	25.8	18.7	22.9	12.2	21.7	12.3	22.6	12.9	25.9	15.0
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.2	22.9	25.1	23.8	26.9	23.6	28.8	27.3	29.5	27.5	---	---
2	25.0	23.1	25.4	23.2	24.3	23.5	29.1	27.6	29.7	27.5	---	---
3	23.1	20.2	25.2	23.7	24.3	23.9	30.0	28.2	30.4	28.3	---	---
4	21.4	18.6	24.2	22.6	25.6	23.7	30.0	28.5	30.7	28.8	---	---
5	22.3	19.2	23.2	22.0	26.5	25.0	30.6	29.0	29.9	26.0	---	---
6	22.9	20.8	24.0	22.4	28.1	25.7	30.6	29.5	29.5	27.4	---	---
7	22.9	21.4	23.9	21.5	28.6	27.2	30.6	29.7	29.4	27.9	28.8	27.2
8	24.1	21.7	24.5	21.7	28.7	27.2	30.8	29.7	27.9	26.8	28.4	27.2
9	23.3	21.2	25.4	22.1	28.8	27.8	29.7	25.7	28.4	26.8	29.2	26.8
10	24.0	21.3	25.6	22.8	28.0	26.2	26.9	25.4	29.7	27.7	29.5	27.4
11	24.4	21.3	25.7	23.3	28.2	25.6	29.1	26.6	30.1	28.8	29.6	27.3
12	24.2	21.5	26.0	22.8	28.2	27.4	29.7	27.8	30.4	29.1	29.2	26.6
13	25.2	22.8	26.2	22.8	29.3	27.0	29.8	28.4	30.4	29.4	29.2	26.7
14	23.9	20.9	26.2	22.8	29.4	27.8	30.1	28.3	30.4	29.3	28.8	26.4
15	22.3	20.6	26.7	23.8	30.5	28.4	30.7	28.7	30.2	28.9	28.6	26.2
16	22.6	19.2	27.8	24.5	30.7	29.0	30.7	29.0	30.7	29.3	28.9	26.3
17	22.5	18.7	27.4	24.3	30.7	29.3	30.4	29.0	31.1	29.5	29.6	26.8
18	23.1	19.4	28.1	25.1	30.4	29.2	30.3	29.2	31.3	29.2	29.4	26.5
19	23.4	20.2	28.1	24.7	29.9	28.9	30.2	29.5	31.3	29.0	29.9	27.0
20	22.4	20.8	28.1	24.5	29.6	28.2	29.8	29.0	31.2	28.8	28.3	26.9
21	23.1	19.9	29.0	24.9	28.2	26.7	30.2	29.0	30.8	28.9	27.9	26.3
22	23.7	20.7	29.0	25.8	26.8	26.3	30.4	29.1	30.2	28.4	26.9	26.3
23	24.6	20.8	29.0	25.8	26.5	25.2	30.3	28.4	29.5	28.1	27.6	26.1
24	24.4	21.1	29.1	25.3	26.4	24.6	30.5	27.2	29.7	28.0	29.0	26.5
25	23.1	18.7	30.3	26.3	27.9	25.6	28.0	26.1	---	---	28.6	26.4
26	24.4	19.4	28.0	25.9	28.7	26.9	29.1	27.1	---	---	28.9	24.6
27	24.5	21.7	28.0	24.8	28.7	27.6	29.8	28.6	---	---	26.4	23.6
28	24.3	21.3	29.2	25.5	28.7	27.0	29.6	28.1	---	---	26.7	24.8
29	25.4	21.7	29.5	25.7	28.7	27.2	30.0	28.6	---	---	27.4	25.0
30	26.2	22.7	30.6	26.2	28.1	27.0	29.7	28.5	---	---	27.7	25.9
31	---	---	28.6	25.6	---	---	29.3	27.3	---	---	---	---
MONTH	26.2	18.6	30.6	21.5	30.7	23.5	30.8	25.4	---	---	---	---

02297100 JOSHUA CREEK AT NOCATEE, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--June 1994 to September 2005 (discontinued).

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15--minute-interval, mounted on 2-inch diameter pipe with the top of funnel 25 ft above the stream-bed.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2001 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	2.98	0.00	0.31	---
2	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.96	0.34	0.02	---
3	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.62	1.00	0.00	0.00	---
4	0.00	0.00	0.00	0.00	0.01	0.18	0.00	0.49	1.50	0.00	0.19	---
5	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.01	1.99	0.00	0.00	0.06
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.12
7	0.00	0.00	0.00	0.00	0.00	0.04	0.41	0.00	0.00	0.00	0.69	0.00
8	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	1.25	0.03	0.00
9	0.00	0.02	0.00	0.00	0.00	0.81	0.00	0.00	0.02	2.51	0.14	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95	0.38	0.00	0.00
11	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.50	0.00	0.00	0.00
12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.01	0.10	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.14	0.00
14	0.00	0.03	0.00	1.59	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.00
15	0.01	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.01	0.00	0.01	0.00
16	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.73	0.00	0.00	0.00	0.00
17	0.00	0.00	0.32	0.00	0.00	2.28	0.00	0.00	0.00	0.00	0.10	0.00
18	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.51	0.00	0.00	0.06
21	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.19	0.00	0.19	0.31
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.11	0.68	0.00
23	0.00	0.00	0.02	0.00	0.00	0.24	0.00	0.00	0.55	0.00	0.00	0.00
24	0.00	0.06	0.19	0.00	0.00	0.00	0.00	0.00	0.28	1.15	0.04	0.00
25	0.00	0.28	2.20	0.00	0.27	0.00	0.00	0.00	0.38	1.65	0.25	0.00
26	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.53	0.96	0.00	---	2.23
27	0.00	0.65	0.00	0.00	2.04	0.00	1.22	0.01	0.01	0.22	---	0.01
28	0.00	0.17	0.00	0.01	0.06	0.08	0.00	0.00	0.16	0.00	---	0.05
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.72	0.01	---	0.11
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.09	0.20	---	0.00
31	0.00	---	0.00	0.00	---	0.00	---	1.36	---	0.28	---	---
TOTAL	0.54	1.24	2.79	1.64	2.38	4.05	1.86	4.09	15.83	8.22	---	---

02297155 HORSE CREEK NEAR MYAKKA HEAD, FL.

LOCATION.--Lat 27°29'13", long 82°01'25" (1927 North American datum), in SE$^{1}/_{4}$ sec.29, T.34 S., R.23 E., Hardee County, Hydrologic Unit 03100101, near left bank on downstream side of bridge on State Highway 64, 3.5 mi northeast of Myakka Head, and 39.5 mi upstream from mouth.

DRAINAGE AREA.--42 mi^2.

PERIOD OF RECORD.--October 1977 to current year.

REVISED RECORDS.--WRD FL-84-3A: Drainage area. WRD FL-92-3A: 1988, 1988 (M). WRD FL-97-3A: 1993-96 (period of record maximum).

GAGE.--Water-stage recorder. Datum of gage is 58.12 ft above National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark).

REMARKS.--Records good.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	166	8.9	5.3	10	11	560	46	8.3	41	158	74	155
2	131	8.5	5.1	9.0	10	e320	52	14	78	145	129	53
3	114	8.1	4.7	8.1	10	e220	52	37	69	100	97	52
4	106	7.7	4.2	7.5	9.9	153	39	107	76	98	80	72
5	168	7.7	3.9	7.0	9.2	120	35	51	133	78	67	71
6	116	7.4	3.8	6.6	8.7	94	33	34	122	58	70	57
7	84	6.9	3.8	6.3	8.4	72	27	31	75	44	116	45
8	63	6.4	3.7	5.7	7.9	57	29	24	101	38	226	37
9	50	6.1	3.6	5.3	7.6	52	24	19	87	156	187	32
10	45	6.9	3.6	4.8	7.4	62	23	15	133	273	205	27
11	52	6.5	4.1	4.5	7.1	51	21	25	230	179	168	24
12	89	6.0	3.9	4.4	6.6	42	19	129	204	129	137	21
13	76	5.9	3.6	4.1	6.3	36	18	42	263	177	125	18
14	59	6.0	3.4	185	6.1	31	15	29	145	174	103	16
15	57	5.7	3.1	148	6.0	28	12	13	107	310	82	14
16	55	5.2	2.9	86	5.9	25	10	7.9	88	307	71	13
17	49	4.9	2.9	60	5.8	325	8.5	7.1	71	152	64	12
18	42	4.7	3.3	41	5.7	348	8.1	7.4	56	233	91	10
19	37	4.6	3.2	32	5.3	190	7.2	6.1	45	135	53	9.4
20	31	4.5	2.9	27	5.6	147	6.6	4.6	36	113	38	8.9
21	24	4.5	2.6	24	7.1	119	6.1	3.9	33	104	33	10
22	21	4.3	2.4	22	7.4	98	5.7	3.6	32	83	35	13
23	18	4.2	2.2	20	7.4	94	5.3	3.2	30	66	41	12
24	17	4.2	2.4	18	7.3	99	5.5	3.0	29	68	44	11
25	15	4.4	29	16	7.4	92	5.3	2.8	29	94	41	9.8
26	14	4.6	96	15	7.5	84	4.9	4.1	35	78	36	8.7
27	13	4.3	39	14	184	76	15	4.5	42	65	34	10
28	12	5.9	24	13	712	61	11	3.5	48	58	37	21
29	11	5.9	18	13	---	57	8.4	3.0	92	49	50	19
30	10	5.5	14	12	---	46	7.3	2.7	152	48	39	13
31	9.4	---	12	11	---	55	---	4.0	---	43	96	---
TOTAL	1,754.4	176.4	316.6	840.3	1,090.6	3,814	559.9	649.7	2,682	3,813	2,669	874.8
MEAN	56.6	5.88	10.2	27.1	39.0	123	18.7	21.0	89.4	123	86.1	29.2
MAX	168	8.9	96	185	712	560	52	129	263	310	226	155
MIN	9.4	4.2	2.2	4.1	5.3	25	4.9	2.7	29	38	33	8.7
CFSM	1.35	0.14	0.24	0.65	0.93	2.93	0.44	0.50	2.13	2.93	2.05	0.69
IN.	1.55	0.16	0.28	0.74	0.97	3.38	0.50	0.58	2.38	3.38	2.36	0.77

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2005, BY WATER YEAR (WY)

MEAN	24.8	13.1	14.8	19.5	20.0	29.3	13.4	5.03	35.7	47.4	71.8	88.9
MAX	88.8	147	142	111	133	162	90.8	24.8	238	123	229	297
(WY)	(1983)	(1998)	(1998)	(1998)	(1998)	(1998)	(1993)	(1987)	(2003)	(2005)	(2004)	(1994)
MIN	0.55	0.05	0.13	0.14	0.10	0.15	0.04	0.00	0.02	2.32	2.48	2.74
(WY)	(1985)	(2001)	(2001)	(1985)	(2001)	(2000)	(2000)	(2000)	(1997)	(1993)	(1993)	(1984)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1978 - 2005	
ANNUAL TOTAL	19,884.50		19,240.7			
ANNUAL MEAN	54.3		52.7		32.0	
HIGHEST ANNUAL MEAN					71.5	1998
LOWEST ANNUAL MEAN					4.56	2000
HIGHEST DAILY MEAN	1,470	Sep 6	712	Feb 28	2,240	Sep 7, 1988
LOWEST DAILY MEAN	0.01	Many days	2.2	Dec 23	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.02	May 26	2.7	Dec 18	0.00	Apr 30, 1981
MAXIMUM PEAK FLOW			870	Feb 28	3,610	Jun 21, 2003
MAXIMUM PEAK STAGE			20.69	Feb 28	24.67	Jun 21, 2003
ANNUAL RUNOFF (CFSM)	1.29		1.26		0.762	
ANNUAL RUNOFF (INCHES)	17.61		17.04		10.35	
10 PERCENT EXCEEDS	167		136		79	
50 PERCENT EXCEEDS	7.4		24		6.6	
90 PERCENT EXCEEDS	0.43		4.4		0.21	

e Estimated

02297155 HORSE CREEK NEAR MYAKKA HEAD, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--June 1994 to September 2005 (discontinued).

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15--minute interval, mounted on 2-inch diameter metal pipe with the top of the funnel 18 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2002 not published but are available in files of t he Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	1.96	0.14	0.00	0.06
2	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.00	0.96	0.14	0.04	0.14
3	0.00	0.00	0.00	0.00	0.00	0.29	0.00	1.82	0.54	0.00	0.00	0.01
4	0.89	0.00	0.00	0.00	0.01	0.11	0.00	0.28	0.82	0.01	0.00	0.00
5	0.01	0.06	0.00	0.00	0.00	0.00	0.00	0.11	0.07	0.00	0.10	0.01
6	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00
7	0.00	0.00	0.00	0.01	0.00	0.00	0.75	0.00	0.50	0.00	1.55	0.00
8	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.09	0.01	0.00
9	0.06	0.31	0.00	0.00	0.00	0.67	0.00	0.00	0.39	2.26	0.00	0.00
10	0.00	0.00	0.31	0.00	0.02	0.00	0.00	0.00	0.46	0.45	0.00	0.00
11	1.04	0.00	0.01	0.00	0.00	0.00	0.00	1.58	0.65	0.06	0.31	0.00
12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.22	0.23	0.00	0.00
13	0.00	0.00	0.00	0.16	0.00	0.00	0.13	0.00	0.00	0.02	0.00	0.00
14	0.00	0.00	0.00	2.72	0.00	0.00	0.00	0.00	0.00	1.31	0.03	0.00
15	0.37	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	1.01	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.26	0.00	0.03	0.00	0.00
17	0.00	0.00	0.17	0.00	0.00	3.11	0.00	0.07	0.00	0.01	1.17	0.00
18	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.00	0.20
21	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.74	0.00	0.04	0.68
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.03	0.04
23	0.00	0.00	0.01	0.00	0.00	0.18	0.11	0.00	0.05	0.00	0.01	0.02
24	0.00	0.03	0.04	0.00	0.00	0.00	0.01	0.00	0.00	0.09	0.24	0.00
25	0.00	0.04	3.16	0.00	0.04	0.00	0.00	0.00	0.00	0.70	0.03	0.00
26	0.00	0.00	0.01	0.00	0.24	0.00	0.77	1.56	0.00	0.00	0.06	0.00
27	0.00	0.49	0.00	0.00	3.22	0.00	0.77	0.00	0.59	0.00	0.62	1.27
28	0.00	0.01	0.00	0.00	0.06	0.02	0.00	0.00	0.45	0.07	0.47	0.89
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.16	0.15	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	1.33	0.05	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.78	---	0.05	1.53	---
TOTAL	2.38	0.94	3.73	2.91	3.59	4.62	3.31	6.96	10.35	6.95	6.63	3.32

CAL YR 2004 TOTAL 56.96
WTR YR 2005 TOTAL 55.69

02297251 HORSE CREEK NEAR LIMESTONE, FL.

LOCATION.--Lat 27°21'58", long 81°58'25" (1927 North American datum), in $NW^1/_4$ sec.12, T.36 S., R.23 E., Hardee County, Hydrologic Unit 03100101, at bridge on State Highway 665, 4.5 mi west of Limestone, and 30.5 mi upstream from mouth.

DRAINAGE AREA.--130 mi^2.

PERIOD OF RECORD.--April 1965 to June 1980 (miscellaneous measurements only); August 1980 to current year (crest stage only).

GAGE.--Crest stage partial record gage. Datum of gage is National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark).

REMARKS.--The annual maximum discharge data for the 1994 water year is in error. The corrected discharge is 3,450 cfs.

ANNUAL MAXIMUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Annual gage height (ft)	Maximum discharge ($ft^3/_S$)
June 5	56.86	1,180

02297310 HORSE CREEK NEAR ARCADIA, FL.

LOCATION.--Lat 27° 11'57", long 81° 59'19" (1927 North American datum), in NW1/4 sec.2, T.38 S., R.23 E., De Soto County, Hydrologic Unit 03100101, near center of span on upstream side of bridge on State Highway 72, 7.9 mi west of Arcadia, and 10 mi upstream from mouth.

DRAINAGE AREA.--218 mi^2.

PERIOD OF RECORD.--April 1950 to current year.

REVISED RECORDS.--WSP 1905: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 10.96 ft above National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark).

REMARKS.--Records good except those for estimated daily discharges, which are poor. Maximum discharge, 2,320 cfs, Oct. 1, stage falling, peak occurred Sept. 30, 2004; maximum peak discharge, 1,950 ft^3/s, June 6, gage height, 13.95 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,240	74	25	e140	81	222	220	37	e75	469	312	167
2	1,880	67	25	e148	73	250	200	37	e240	405	292	215
3	1,460	60	26	e149	66	235	183	37	e645	354	263	208
4	1,100	55	25	e144	61	278	160	52	1,100	322	231	179
5	876	51	24	133	56	404	144	77	1,740	346	211	165
6	730	47	23	120	52	497	130	105	1,900	386	217	172
7	620	42	21	107	47	524	119	135	1,610	397	206	185
8	536	39	21	95	43	504	119	171	1,340	382	253	182
9	464	35	20	83	40	470	114	214	1,150	603	268	166
10	409	33	19	73	38	459	107	238	1,010	1,190	297	149
11	370	32	19	65	36	414	100	235	1,140	1,270	288	133
12	390	30	19	59	33	354	92	216	1,230	1,070	293	118
13	402	29	18	54	30	301	86	190	1,140	931	320	105
14	367	28	17	85	28	260	80	163	996	908	329	92
15	318	26	16	157	26	230	73	139	881	926	318	81
16	279	25	16	166	24	207	67	123	864	980	298	71
17	251	24	16	170	24	277	61	117	883	883	273	63
18	232	24	18	160	22	522	55	129	853	796	266	55
19	215	23	18	171	21	615	50	126	764	737	243	48
20	203	23	17	204	20	606	46	125	664	702	211	43
21	192	22	16	239	19	598	41	116	654	651	188	39
22	180	21	16	249	18	649	37	100	593	582	176	39
23	167	20	16	238	18	701	33	82	516	517	189	36
24	154	19	17	213	17	681	29	68	462	472	193	34
25	142	19	35	188	17	613	25	56	402	606	194	32
26	130	20	173	165	18	540	22	47	345	632	188	30
27	118	19	162	146	58	461	31	44	295	531	169	29
28	108	23	154	129	183	395	40	42	283	438	165	29
29	99	23	137	115	---	336	45	41	291	373	174	29
30	90	24	128	102	---	287	40	35	484	315	176	47
31	82	---	e130	91	---	249	---	50	---	311	172	---
TOTAL	14,804	977	1,387	4,358	1,169	13,139	2,549	3,347	24,550	19,485	7,373	2,941
MEAN	478	32.6	44.7	141	41.8	424	85.0	108	818	629	238	98.0
MAX	2,240	74	173	249	183	701	220	238	1,900	1,270	329	215
MIN	82	19	16	54	17	207	22	35	75	311	165	29
CFSM	2.19	0.15	0.21	0.64	0.19	1.94	0.39	0.50	3.75	2.88	1.09	0.45
IN.	2.53	0.17	0.24	0.74	0.20	2.24	0.43	0.57	4.19	3.32	1.26	0.50

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2005, BY WATER YEAR (WY)

MEAN	259	86.9	68.5	99.0	110	156	73.1	29.2	217	331	446	520
MAX	1,335	978	962	725	1,096	1,254	557	338	1,854	1,742	1,898	1,797
(WY)	(1953)	(1998)	(1998)	(1998)	(1998)	(1998)	(1993)	(1957)	(1982)	(1968)	(2004)	(2004)
MIN	5.11	2.58	2.25	3.17	3.31	1.06	0.30	0.10	0.18	2.29	20.7	21.9
(WY)	(1985)	(1962)	(1957)	(1974)	(1975)	(1975)	(1975)	(2000)	(1956)	(1956)	(1980)	(1984)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1951 - 2005	
ANNUAL TOTAL	147,674.2		96,079			
ANNUAL MEAN	403		263		200	
HIGHEST ANNUAL MEAN					514	1998
LOWEST ANNUAL MEAN					38.4	1956
HIGHEST DAILY MEAN	4,750	Sep 10	2,240	Oct 1	10,700	Aug 1, 1960
LOWEST DAILY MEAN	6.9	Jun 3	16	Dec 15	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	7.4	May 30	17	Dec 15	0.00	May 16, 2000
MAXIMUM PEAK FLOW			1,950	Jun 6	11,700	Aug 1, 1960
MAXIMUM PEAK STAGE			13.95	Jun 6	18.02	Jun 23, 2003
ANNUAL RUNOFF (CFSM)	1.85		1.21		0.917	
ANNUAL RUNOFF (INCHES)	25.20		16.40		12.46	
10 PERCENT EXCEEDS	1,190		658		539	
50 PERCENT EXCEEDS	54		149		47	
90 PERCENT EXCEEDS	14		23		3.7	

e Estimated

02297320 HORSE CREEK NEAR NOCATEE, FL.

LOCATION.--Lat 27° 09'31", long 81° 57'58" (1927 North American datum), in $NE^1/_4$ sec.24, T.38 S., R.23 E., De Soto County, Hydrologic Unit 03100101, at bridge on State Highway 761, 5.1 mi west of Nocatee, and 6.6 mi upstream from mouth.

DRAINAGE AREA.--231 mi^2.

PERIOD OF RECORD.--August 1978 to current year (crest stage only).

GAGE.--Crest stage partial record gage. Datum of gage is National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark).

ANNUAL MAXIMUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Annual gage height (ft)	Maximum discharge ($ft^3/_S$)
June 6	Unknown	>1,950

02297350 PEACE RIVER NEAR PEACE RIVER HEIGHTS NEAR FORT OGDEN, FL.

LOCATION.--Lat 27° 04'38", long 82° 00'27" (1927 North American datum), in SW$^{1}/_{4}$ sec.15, T.39 S., R.23 E., De Soto County, Hydrologic Unit 03100101, on RV campground fishing pier, 3.3 mi west of Fort Ogden, and 16.8 mi upstream from mouth.

DRAINAGE AREA.--1,780 mi^2.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--November 1997 to September 2003 (gage heights only); October 2003 to September 2004 (tidal high-high and low-low only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Interruptions in record were due to days in which a tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low. The extremes for periods published previously as maximum and minimum gage heights are equivalent to tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 5.99 ft, Sept. 17, 2001; minimum, 2.55 ft below NGVD, Jan. 15, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.81 ft, Oct. 2; minimum, 2.07 ft below NGVD, Dec. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	3.63	3.34	2.19	0.14	1.76	-0.68	1.26	-0.58	1.79	-0.36	1.24	-0.31								
2	3.81	3.60	2.05	0.10	1.38	-0.57	1.36	-0.45	1.77	-0.44	1.28	-0.36								
3	3.72	3.44	1.54	-0.10	1.10	-0.83	1.29	-0.57	2.21	-0.67	0.65	-0.53								
4	3.56	3.18	---	0.15	1.20	-0.67	1.40	-0.52	1.16	-0.65	1.46	-0.50								
5	2.91	2.81	1.95	-0.27	1.24	-0.65	1.65	-0.62	1.67	-1.32	1.44	-0.10								
6	---	2.45	0.89	-0.62	1.26	-0.13	---	---	---	-1.08	---	0.17								
7	2.50	2.07	1.13	-0.17	1.45	-0.35	---	---	2.33	-0.58	1.75	0.37								
8	2.39	1.97	1.35	-0.21	1.82	-0.41	1.84	-0.94	2.44	-0.15	2.46	0.89								
9	2.58	1.92	1.31	-0.30	1.68	-0.72	1.78	-1.13	2.56	0.05	1.56	0.18								
10	2.67	1.95	1.27	-0.67	2.25	-0.20	1.73	-1.08	2.56	0.31	1.49	-0.09								
11	2.82	1.91	1.66	-0.45	2.33	-0.34	1.98	-0.81	1.28	-0.93	1.87	0.53								
12	2.56	1.82	2.34	0.02	1.56	-1.37	2.20	-0.56	1.53	-0.66	1.54	-0.02								
13	2.47	1.69	2.64	0.17	1.85	-1.07	2.04	-0.11	2.05	-0.21	1.77	0.01								
14	2.37	1.39	2.09	-0.81	2.04	-1.01	2.18	-0.08	1.91	0.09	1.58	-0.02								
15	2.64	1.77	1.18	-1.37	-0.12	-2.07	0.57	-1.01	1.72	-0.15	1.51	-0.45								
16	2.29	0.93	1.67	-0.95	0.57	-1.52	0.47	-0.66	1.66	-0.52	2.29	-0.49								
17	2.23	0.80	1.60	-0.75	0.99	-0.99	0.61	-0.84	1.72	-0.41	1.46	0.13								
18	2.26	0.74	1.49	-0.58	1.10	-0.69	0.63	-0.95	1.00	-0.93	0.92	-0.17								
19	2.39	0.80	1.64	-0.19	1.23	-0.48	1.36	-0.94	1.11	-1.44	1.03	-0.21								
20	1.83	0.70	1.75	0.00	0.48	-0.97	---	-0.64	1.05	-1.07	1.18	0.11								
21	1.84	0.31	1.74	0.11	1.30	-1.18	1.90	-0.15	1.54	-0.77	1.81	0.51								
22	1.42	0.15	1.71	-0.08	---	-1.04	2.05	-0.21	1.64	-0.75	2.06	0.92								
23	1.70	0.25	2.02	-0.01	1.82	-0.46	2.49	0.10	1.54	-0.83	2.04	0.93								
24	1.93	0.44	2.33	0.31	1.77	-0.93	0.55	-1.14	1.79	-0.33	2.11	0.84								
25	1.90	0.54	2.79	0.60	0.87	-1.44	1.47	-0.70	1.66	-0.43	2.01	0.84								
26	1.78	0.27	1.57	-0.92	3.29	-0.54	1.97	-0.19	1.39	-0.67	1.91	0.79								
27	1.80	0.05	1.72	-0.61	0.29	-1.30	2.07	-0.28	3.01	-0.36	2.48	0.60								
28	1.93	0.00	2.67	-0.35	0.34	-1.12	1.73	-0.52	1.95	0.28	2.24	0.92								
29	2.10	0.05	1.43	-0.93	0.90	-0.85	1.44	-0.56	---	---	1.82	0.47								
30	2.22	0.11	1.58	-0.79	1.21	-0.77	1.95	0.36	---	---	1.83	-0.01								
31	2.29	0.09	---	---	1.42	-0.55	1.64	-0.06	---	---	2.24	-0.22								
MAX	---	3.60	---	0.60	---	-0.13	---	---	---	0.31	---	0.93								
MIN	---	0.00	---	-1.37	---	-2.07	---	---	---	-1.44	---	-0.53								

02297350 PEACE RIVER NEAR PEACE RIVER HEIGHTS NEAR FORT OGDEN, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	2.36		-0.18		2.13		-0.48		1.93		0.41		2.52		1.45		2.13		0.35		2.27		0.09	
2	1.45		0.29		1.59		-0.42		1.83		0.36		2.59		1.55		2.31		0.42		2.44		0.79	
3	1.10		-0.85		1.45		-0.66		2.30		0.91		2.69		1.59		2.24		---		2.07		0.29	
4	0.70		-0.84		1.92		-0.17		2.13		1.00		2.62		1.96		2.13		0.35		1.73		0.31	
5	1.51		-0.53		2.25		0.09		2.57		---		2.68		1.44		2.23		0.35		1.59		0.19	
6	1.82		-0.17		1.80		-0.42		2.75		1.57		2.82		1.44		2.13		0.28		1.87		0.27	
7	2.32		0.28		1.56		-0.43		2.88		2.03		2.64		1.54		2.11		0.41		2.01		0.47	
8	2.23		0.02		2.10		0.50		2.80		2.11		2.57		1.41		1.85		0.59		2.00		0.32	
9	1.88		0.18		2.21		-0.25		2.79		1.99		2.80		1.70		1.85		0.60		1.97		0.19	
10	1.73		-0.40		2.31		-0.29		2.52		1.89		3.76		2.53		1.78		0.67		1.91		-0.09	
11	2.10		-0.77		2.21		-0.33		3.24		2.17		2.95		2.69		1.82		0.66		1.65		-0.28	
12	2.44		-0.38		1.98		-0.49		2.71		2.40		2.69		2.42		2.05		0.61		1.83		-0.01	
13	2.04		0.16		1.54		-0.47		2.62		2.18		2.57		2.20		2.04		0.51		2.03		0.07	
14	1.96		-0.38		1.89		-0.64		2.62		2.30		2.54		2.09		2.10		0.27		2.65		0.25	
15	0.43		-0.78		1.48		-0.21		2.60		2.23		2.63		2.02		1.62		0.17		2.49		0.11	
16	0.70		-1.44		1.63		-0.34		2.58		2.09		2.65		1.89		2.21		0.17		2.62		0.27	
17	0.57		-1.47		1.35		-0.40		2.73		2.05		2.51		1.66		2.51		0.32		2.33		0.24	
18	0.96		-1.18		1.12		-0.39		2.88		1.98		2.58		1.50		2.77		---		2.15		0.22	
19	1.29		-0.92		1.34		-0.46		2.66		1.75		2.80		---		2.63		0.47		1.87		-0.19	
20	1.52		-0.52		1.81		-0.13		2.88		1.98		2.72		1.44		2.51		0.48		1.11		-1.21	
21	1.72		-0.23		2.13		-0.22		2.67		1.87		2.72		1.35		2.39		0.41		2.48		-1.07	
22	1.91		-0.21		1.95		-0.50		2.85		1.46		2.86		1.27		2.11		0.45		2.71		0.17	
23	2.27		0.19		2.21		0.43		2.67		1.36		2.47		1.35		2.03		0.47		2.51		0.21	
24	1.64		-0.17		2.33		-0.45		2.17		1.11		2.27		1.09		2.03		0.38		2.29		-0.02	
25	1.81		-0.59		2.60		-0.24		2.70		0.82		2.23		0.93		1.84		0.67		1.82		-0.27	
26	2.54		-0.71		2.39		-0.47		2.47		1.17		1.99		1.06		---		-0.55		1.55		0.05	
27	2.37		-0.30		2.40		-0.54		2.02		1.22		2.01		0.95		2.56		1.71		2.01		-0.04	
28	1.59		-0.71		2.15		-0.54		1.89		0.95		1.85		0.65		2.71		0.97		2.23		0.14	
29	2.16		-0.94		1.79		-0.51		2.08		1.19		2.01		0.57		2.69		0.74		2.19		0.15	
30	2.35		-0.50		1.97		-0.49		2.24		1.38		1.88		0.28		2.63		0.62		2.07		0.43	
31	---		---		1.75		0.01		---		---		2.03		0.23		2.30		0.25		---		---	
MAX	2.54		0.29		2.60		0.50		3.24		---		3.76		---		---		---		2.71		0.79	
MIN	0.43		-1.47		1.12		-0.66		1.83		---		1.85		---		---		---		1.11		-1.21	

02297350 PEACE RIVER NEAR PEACE RIVER HEIGHTS NEAR FORT OGDEN, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 1997 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located 1.0 ft below the surface and 1.0 ft above the bottom.

REMARKS.--Records fair. Maximums and minimums may have been exceeded during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 31,800 microsiemens, June 5, 2000; bottom sensor maximum, 32,800 microsiemens, June 5, 2000; top sensor minimum, 62 microsiemens, Mar. 24, 1998; bottom sensor minimum, 64 microsiemens, Mar. 24, 1998.

TEMPERATURE.--Top sensor maximum, 34.1° C, Aug. 17, 1998, Aug. 13, 1999; bottom sensor maximum, 33.5° C, July 27, 28 1998; top sensor minimum, 11.6° C, Jan. 25, 2003; bottom sensor minimum, 11.7° C, Jan. 5, 2001, Jan. 25, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 12,300 microsiemens, Dec. 26; bottom sensor maximum, 11,700 microsiemens, Dec. 26; top sensor minimum, 128 microsiemens, Oct. 3; bottom sensor minimum, 128 microsiemens, Oct. 3.

TEMPERATURE.--Top sensor maximum, 33.0° C, Aug. 21; bottom sensor maximum, 32.6° C, Aug. 20; top sensor minimum, 14.0° C, Dec. 28; bottom sensor minimum, 14.2° C, Dec. 28.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	142	133	260	257	382	366	360	355	399	390	485	398
2	134	129	263	257	376	362	358	352	402	395	398	251
3	132	128	270	261	374	363	355	349	412	398	251	215
4	138	131	280	269	377	363	355	348	403	400	215	212
5	148	138	283	276	374	361	356	350	409	400	224	213
6	157	148	284	278	371	363	---	---	415	401	232	221
7	164	156	287	280	371	363	---	---	468	404	251	232
8	170	163	290	283	371	363	376	364	573	404	263	250
9	175	170	292	286	373	364	371	363	835	407	267	262
10	180	174	293	286	389	366	380	364	730	409	287	267
11	184	179	295	286	390	367	392	376	420	410	309	287
12	189	182	301	288	379	366	408	381	426	417	313	301
13	195	189	307	293	384	367	390	378	431	420	318	310
14	199	194	317	302	391	368	388	364	428	423	325	318
15	204	199	329	313	387	374	384	365	432	427	333	325
16	211	204	331	325	391	381	386	341	440	432	342	333
17	215	210	336	329	388	376	341	310	441	436	343	321
18	219	214	348	334	384	376	324	313	446	439	336	307
19	221	218	349	340	386	379	324	322	449	434	307	266
20	222	220	353	345	407	382	328	322	446	437	266	252
21	225	222	355	347	413	403	329	327	481	439	252	242
22	228	225	357	351	432	405	328	325	478	441	242	238
23	232	228	358	353	473	411	326	322	470	444	240	239
24	236	231	363	356	450	421	322	320	516	449	248	240
25	240	235	431	356	442	371	329	319	476	457	256	248
26	246	238	373	362	12,300	390	337	329	476	464	266	256
27	251	244	379	366	433	386	346	336	6,060	451	272	265
28	253	250	386	362	386	356	357	346	862	464	278	272
29	255	252	386	371	372	358	361	356	---	---	286	278
30	257	254	386	375	361	350	369	359	---	---	301	285
31	260	255	---	---	362	353	390	369	---	---	308	291
MONTH	260	128	431	257	12,300	350	---	---	6,060	390	485	212

02297350 PEACE RIVER NEAR PEACE RIVER HEIGHTS NEAR FORT OGDEN, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	315	295	451	420	373	302	212	207	244	223	254	249
2	313	297	437	422	309	272	212	204	223	215	251	242
3	307	300	435	408	277	248	204	199	225	219	245	242
4	333	307	413	372	253	239	201	193	228	213	244	223
5	332	317	379	241	239	214	195	192	228	214	223	205
6	348	329	256	235	214	191	194	191	223	218	223	207
7	357	338	274	256	191	182	191	190	227	221	235	222
8	352	341	283	274	184	178	192	182	229	225	245	235
9	371	349	287	279	179	173	182	175	229	226	247	245
10	369	362	280	268	176	172	183	178	227	221	250	246
11	369	353	270	260	178	170	182	168	225	213	261	250
12	364	346	268	257	193	178	179	168	219	214	269	260
13	358	346	265	257	192	190	185	178	220	217	273	268
14	350	346	266	258	193	189	189	184	223	218	275	270
15	352	344	268	262	191	188	189	184	228	222	278	273
16	345	342	283	267	190	184	190	183	229	226	280	275
17	347	342	293	283	187	182	191	184	234	228	295	279
18	352	345	317	292	191	182	194	186	234	231	312	290
19	351	346	319	313	193	185	194	188	233	230	324	308
20	357	348	325	317	198	191	199	193	234	230	334	322
21	373	352	331	320	208	190	200	196	232	226	343	329
22	383	368	336	326	221	205	204	196	238	229	346	329
23	409	378	342	333	227	219	207	196	237	224	340	333
24	402	389	370	338	247	226	211	202	227	218	357	338
25	408	399	559	344	236	226	214	206	220	216	364	356
26	1,010	407	405	338	227	216	216	208	229	217	375	362
27	557	405	476	341	219	214	217	214	243	229	382	362
28	426	413	409	352	218	214	228	215	252	238	381	354
29	456	412	393	375	219	211	231	224	258	251	363	343
30	502	430	405	393	211	207	232	227	261	257	350	323
31	---	---	404	368	---	---	242	232	261	253	---	---
MONTH	1,010	295	559	235	373	170	242	168	261	213	382	205

02297350 PEACE RIVER NEAR PEACE RIVER HEIGHTS NEAR FORT OGDEN, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	152	141	267	240	386	367	376	370	404	394	482	395
2	143	136	267	248	380	361	374	368	406	400	395	246
3	140	128	279	238	376	361	370	365	409	401	247	210
4	147	137	287	258	380	363	369	364	415	400	212	207
5	156	146	290	280	372	356	372	366	413	402	225	209
6	166	155	290	264	373	355	---	---	418	403	229	216
7	174	162	301	258	374	351	---	---	477	407	245	226
8	180	172	300	292	369	348	389	377	574	407	255	244
9	185	179	303	295	373	347	387	380	851	412	277	255
10	191	181	303	298	388	368	396	381	776	403	284	261
11	195	189	304	297	392	368	404	392	442	412	314	282
12	201	190	311	299	381	369	422	393	439	418	323	298
13	209	200	317	301	386	370	403	391	440	422	342	306
14	208	201	325	311	393	370	401	376	431	421	343	313
15	211	203	338	322	389	374	398	377	441	426	346	326
16	217	210	339	330	392	382	400	353	446	430	352	331
17	221	217	344	335	388	374	353	322	447	437	348	317
18	225	219	350	342	382	371	335	323	456	440	338	306
19	227	221	356	346	386	375	334	332	455	439	306	264
20	229	225	360	349	406	381	337	331	453	436	266	253
21	232	222	361	354	413	397	337	334	487	437	264	243
22	235	210	362	353	425	401	335	331	477	438	259	239
23	239	228	365	352	462	402	335	329	469	441	254	237
24	245	225	369	356	446	414	333	325	515	444	262	243
25	248	239	428	354	439	360	338	325	474	452	267	249
26	255	242	377	366	11,700	379	345	335	479	459	275	259
27	260	253	384	371	429	383	354	344	6,180	450	281	266
28	262	257	394	368	388	358	362	351	855	462	285	269
29	263	246	389	376	376	359	367	361	---	---	289	277
30	263	231	392	379	373	365	374	363	---	---	298	283
31	266	252	---	---	376	368	394	374	---	---	303	290
MONTH	266	128	428	238	11,700	347	---	---	6,180	394	482	207
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	306	294	452	425	376	305	215	207	252	230	273	267
2	312	297	440	427	313	275	212	204	230	221	271	260
3	309	298	439	413	284	252	207	199	230	225	264	260
4	320	307	416	380	258	242	202	195	233	218	263	241
5	333	314	383	244	245	217	198	194	233	219	241	223
6	345	319	260	238	218	195	195	191	224	220	240	225
7	346	334	276	260	198	184	197	191	227	222	243	230
8	352	338	286	276	185	180	197	185	229	225	253	243
9	360	346	289	282	182	175	186	176	228	225	255	253
10	371	358	287	271	182	174	186	179	225	220	258	254
11	371	352	272	262	183	173	186	171	224	221	269	258
12	366	345	266	259	193	180	184	172	227	222	277	269
13	354	345	272	259	196	191	191	182	228	226	282	276
14	362	348	272	261	196	191	194	189	233	227	284	279
15	359	347	277	264	194	191	194	189	237	232	287	281
16	354	340	286	271	191	186	193	188	240	236	289	282
17	355	344	294	286	187	185	192	189	244	238	304	287
18	360	348	316	293	188	185	195	191	245	242	322	299
19	357	349	317	312	192	186	199	194	245	243	334	317
20	362	352	320	314	201	192	206	199	245	242	344	331
21	383	357	333	318	206	191	209	201	244	240	352	338
22	390	372	334	326	230	206	210	203	249	242	355	339
23	416	383	342	332	230	219	214	203	249	236	349	342
24	407	394	372	337	242	227	214	207	238	231	367	347
25	417	402	570	344	242	227	220	211	235	229	374	365
26	1,040	408	406	342	229	216	222	213	246	230	386	372
27	557	408	481	343	220	215	225	219	253	243	392	372
28	435	418	411	358	221	215	234	220	266	252	391	364
29	460	416	400	378	220	212	235	229	274	266	373	353
30	508	438	412	397	216	208	240	235	278	274	360	332
31	---	---	407	370	---	---	250	240	279	271	---	---
MONTH	1,040	294	570	238	376	173	250	171	279	218	392	223

02297350 PEACE RIVER NEAR PEACE RIVER HEIGHTS NEAR FORT OGDEN, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 200

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.4	28.1	25.8	25.0	22.4	21.5	18.2	16.9	19.6	18.2	22.2	21.0
2	29.5	28.4	26.0	25.0	22.0	21.6	18.7	17.6	19.5	18.4	21.4	20.0
3	29.4	28.3	26.3	25.2	21.7	21.0	19.1	18.1	20.9	18.8	20.2	17.7
4	29.4	28.2	26.5	25.6	21.0	19.9	19.5	18.3	19.9	18.1	18.9	17.2
5	29.5	28.4	26.1	25.0	20.4	19.4	20.3	18.9	18.8	16.6	18.7	17.4
6	29.4	28.3	25.0	23.7	20.9	19.7	---	---	19.0	17.1	19.2	17.5
7	28.6	27.6	24.3	23.2	21.3	20.2	---	---	19.6	17.5	19.4	18.4
8	27.9	26.8	23.8	22.6	22.3	20.5	23.0	20.9	19.6	17.9	19.8	18.9
9	27.7	26.5	23.5	21.9	22.6	21.0	23.2	21.0	21.0	18.5	19.5	17.6
10	27.2	26.5	23.5	21.8	22.7	21.7	22.1	21.0	20.2	19.0	18.7	17.1
11	26.9	26.1	23.2	21.9	22.4	21.2	21.8	20.6	19.0	17.4	18.3	17.4
12	27.2	25.8	23.5	22.1	21.2	19.8	21.8	20.6	18.5	16.6	19.1	17.8
13	27.2	26.2	23.3	22.4	20.0	18.9	22.2	21.0	18.4	16.3	19.4	18.0
14	27.2	26.0	23.2	22.7	19.6	17.9	21.9	21.0	18.9	16.8	20.5	19.0
15	26.6	25.3	22.8	22.1	18.0	15.6	21.0	19.9	20.5	17.6	21.3	20.3
16	25.3	24.1	22.4	21.7	16.2	14.7	19.9	18.8	22.4	18.8	23.2	21.0
17	25.0	23.7	22.2	21.5	16.4	15.5	18.8	17.3	21.0	19.5	22.7	21.4
18	25.2	23.9	22.3	21.5	17.0	15.9	17.3	15.8	21.7	19.9	21.6	20.7
19	25.8	24.7	22.3	21.5	17.3	16.2	16.0	14.9	21.4	19.1	20.9	19.5
20	26.2	25.0	22.6	21.6	17.0	15.7	15.5	14.5	21.3	19.0	20.8	19.2
21	26.7	25.4	22.9	21.6	16.3	14.7	15.2	14.1	21.7	19.6	21.1	19.8
22	26.7	25.6	24.0	21.9	16.6	14.8	16.0	14.8	22.5	20.7	22.5	20.7
23	26.3	25.3	23.2	22.1	17.0	16.1	16.8	15.9	23.4	21.5	22.4	21.8
24	26.1	25.1	23.5	22.2	17.5	16.9	16.0	14.5	23.5	22.3	23.0	21.5
25	26.1	25.2	23.6	22.9	17.3	16.5	15.8	14.4	23.3	22.6	24.3	22.6
26	25.9	25.1	22.9	21.9	16.9	15.7	16.1	14.6	23.5	22.2	25.4	23.9
27	25.6	24.7	22.5	21.3	15.7	14.3	16.8	15.3	22.9	22.2	25.5	24.5
28	25.2	24.4	22.5	21.5	15.0	14.0	17.2	16.1	23.0	22.0	25.4	24.4
29	25.2	24.5	22.5	21.4	15.5	14.4	18.2	16.6	---	---	24.8	23.4
30	25.4	24.7	22.3	21.3	16.3	14.9	19.1	17.6	---	---	24.4	23.0
31	25.6	24.7	---	---	17.0	16.0	19.4	18.1	---	---	25.0	23.9
MONTH	29.5	23.7	26.5	21.3	22.7	14.0	---	---	23.5	16.3	25.5	17.1
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.8	24.3	26.4	25.5	29.6	26.2	29.2	27.7	30.9	29.8	31.2	30.0
2	25.6	24.5	26.7	25.4	26.2	24.8	29.3	28.5	30.5	29.2	31.1	29.8
3	24.6	23.1	27.1	25.6	24.9	24.5	30.2	28.6	31.0	29.5	30.7	29.5
4	24.2	22.4	26.4	24.8	25.8	24.2	30.6	29.3	31.4	30.1	30.3	29.4
5	25.7	22.6	25.1	23.7	26.3	25.1	31.1	29.6	30.8	29.8	29.8	29.0
6	25.4	23.0	24.3	23.0	27.1	25.7	31.4	30.0	30.6	29.2	29.8	28.6
7	24.4	23.3	25.0	23.0	28.0	26.7	31.7	30.3	30.1	29.1	29.4	28.7
8	24.5	23.3	25.7	23.7	28.5	27.2	31.7	30.2	29.1	28.3	29.3	28.7
9	25.9	23.6	27.8	24.5	28.4	28.0	30.2	28.1	28.8	27.8	29.9	28.5
10	25.9	23.7	27.0	25.2	28.0	27.0	28.1	27.6	29.9	28.3	30.2	29.0
11	26.3	23.9	27.2	25.6	28.1	26.8	28.8	27.4	30.6	29.1	30.7	29.3
12	26.2	24.4	27.2	25.3	28.3	27.7	29.6	27.9	31.5	29.7	30.3	29.3
13	26.2	24.6	27.0	25.7	29.0	27.5	30.0	28.9	31.6	30.2	30.4	29.3
14	25.5	24.4	27.4	25.6	29.4	28.3	30.3	29.0	31.6	30.4	30.3	29.0
15	24.7	23.7	28.2	26.3	30.0	28.9	30.7	29.2	31.6	30.1	30.2	28.7
16	24.6	22.2	30.9	26.4	30.9	29.5	30.8	29.6	31.8	30.6	30.4	28.7
17	24.6	21.8	29.4	26.8	31.2	30.0	30.8	29.6	32.2	30.8	30.7	29.1
18	26.0	22.4	29.5	27.7	31.2	30.2	30.9	29.8	32.3	30.9	30.8	29.2
19	25.7	22.7	29.8	27.7	31.3	30.1	30.8	30.0	32.5	30.9	30.9	29.4
20	24.5	23.1	29.8	27.7	30.8	29.4	30.7	29.6	32.6	31.1	29.7	28.6
21	25.2	22.8	29.7	27.8	29.4	28.7	30.7	29.5	33.0	31.2	29.0	28.0
22	25.8	23.2	30.2	28.2	28.7	27.7	30.5	29.7	31.7	30.9	28.2	27.8
23	25.7	23.9	30.1	28.4	27.7	26.7	31.2	29.7	31.4	30.4	28.3	27.5
24	25.2	23.8	29.8	28.5	27.6	26.3	31.3	30.2	31.0	29.8	29.2	27.7
25	25.5	23.3	29.8	28.6	28.2	26.6	30.7	29.7	30.6	29.5	29.4	28.3
26	25.1	23.4	29.6	28.2	29.2	27.5	30.2	29.5	29.7	28.7	29.8	28.4
27	25.7	23.9	30.0	27.4	28.7	28.1	31.0	29.8	29.1	28.4	30.9	28.0
28	27.0	24.2	29.8	27.7	28.9	27.8	31.4	30.1	29.4	28.0	30.0	27.8
29	27.7	24.6	30.3	28.3	28.8	28.1	31.1	30.1	30.1	28.7	29.3	27.2
30	27.2	25.3	30.9	29.0	28.4	27.7	31.1	29.9	30.8	29.6	30.3	27.8
31	---	---	30.4	28.8	---	---	31.1	29.5	30.7	30.2	---	---
MONTH	27.7	21.8	30.9	23.0	31.3	24.2	31.7	27.4	33.0	27.8	31.2	27.2

02297350 PEACE RIVER NEAR PEACE RIVER HEIGHTS NEAR FORT OGDEN, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.6	28.2	26.0	25.2	22.6	21.7	18.1	16.8	19.5	18.1	22.1	20.9
2	29.7	28.6	26.2	25.2	22.2	21.8	18.6	17.5	19.5	18.3	21.3	19.9
3	29.6	28.5	26.5	25.4	21.9	21.2	19.0	18.1	20.8	18.8	20.1	17.6
4	29.5	28.4	26.7	25.8	21.2	20.1	19.5	18.2	19.8	18.0	18.8	17.1
5	29.7	28.6	26.2	25.1	20.6	19.6	20.2	18.8	18.7	16.6	18.7	17.3
6	29.6	28.5	25.1	23.9	21.2	19.9	---	---	18.8	17.1	19.1	17.5
7	28.8	27.8	24.5	23.4	21.5	20.4	---	---	19.4	17.4	19.4	18.3
8	28.1	27.0	24.0	22.8	22.7	20.6	22.8	20.8	19.5	17.9	19.7	18.8
9	27.8	26.7	23.6	22.1	22.8	21.1	22.9	20.9	20.3	18.4	19.4	17.6
10	27.4	26.7	23.6	22.0	22.9	21.9	22.0	20.9	20.2	19.0	18.6	17.0
11	27.1	26.3	23.4	22.0	22.6	21.5	21.7	20.6	19.0	17.4	18.3	17.4
12	27.4	25.9	23.7	22.3	21.5	20.0	21.7	20.6	18.4	16.5	19.0	17.7
13	27.4	26.4	23.4	22.5	20.2	19.1	22.1	20.9	18.3	16.3	19.3	17.9
14	27.3	26.2	23.4	22.9	19.8	18.1	21.9	20.9	18.8	16.7	20.4	18.9
15	26.7	25.5	23.0	22.3	18.2	15.8	20.9	19.9	20.2	17.5	21.2	20.2
16	25.5	24.3	22.6	21.9	16.4	14.9	19.9	18.7	21.3	18.8	23.0	21.0
17	25.2	23.8	22.4	21.6	16.6	15.7	18.7	17.2	20.9	19.4	22.6	21.3
18	25.4	24.1	22.5	21.7	17.2	16.1	17.2	15.7	21.5	19.9	21.5	20.6
19	26.0	24.8	22.5	21.7	17.5	16.4	16.0	14.9	21.1	19.1	20.8	19.4
20	26.4	25.1	23.0	21.8	17.2	15.9	15.4	14.4	21.1	18.9	20.8	19.2
21	26.8	25.6	23.2	21.8	16.6	14.9	15.2	14.1	21.7	19.6	21.1	19.8
22	26.9	25.8	24.3	22.1	16.8	15.0	15.9	14.7	22.4	20.6	22.4	20.6
23	26.5	25.5	23.4	22.2	17.2	16.3	16.8	15.8	23.2	21.5	22.3	21.8
24	26.3	25.2	23.7	22.4	17.7	17.1	16.0	14.5	23.5	22.2	22.9	21.5
25	26.6	25.3	23.8	23.1	17.5	16.7	15.8	14.3	23.2	22.5	24.2	22.5
26	26.1	25.3	23.1	22.0	17.1	15.8	15.8	14.5	23.5	22.1	25.3	23.8
27	25.8	24.9	22.7	21.5	15.8	14.3	16.6	15.3	22.8	22.1	25.4	24.5
28	25.4	24.6	22.7	21.7	15.2	14.2	17.1	16.0	22.9	21.9	25.3	24.3
29	25.4	24.7	22.7	21.6	15.5	14.6	18.1	16.5	---	---	24.8	23.4
30	25.6	24.8	22.5	21.5	16.2	14.9	19.0	17.6	---	---	24.3	23.0
31	25.8	24.8	---	---	16.9	15.9	19.3	18.0	---	---	24.9	23.8
MONTH	29.7	23.8	26.7	21.5	22.9	14.2	---	---	23.5	16.3	25.4	17.0
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.7	24.3	26.4	25.4	29.5	26.2	29.1	27.6	30.8	29.7	31.1	29.9
2	25.5	24.4	26.7	25.3	26.2	24.8	29.2	28.4	30.4	29.1	31.1	29.7
3	24.5	23.0	26.9	25.6	24.9	24.4	30.1	28.5	30.9	29.4	30.6	29.4
4	24.1	22.4	26.3	24.7	25.7	24.2	30.5	29.2	31.3	30.1	30.2	29.3
5	24.8	22.5	25.0	23.6	26.2	25.0	31.0	29.6	30.7	29.7	29.7	28.9
6	25.2	22.9	24.2	23.0	27.0	25.6	31.3	29.9	30.5	29.1	29.7	28.5
7	24.3	23.2	24.9	22.9	27.9	26.7	31.6	30.3	30.0	29.1	29.3	28.6
8	24.4	23.2	25.6	23.7	28.4	27.2	31.6	30.1	29.1	28.2	29.2	28.7
9	25.0	23.6	27.5	24.4	28.4	27.9	30.1	28.0	28.7	27.8	29.8	28.4
10	25.5	23.6	26.9	25.1	27.9	26.9	28.0	27.5	29.9	28.2	30.1	29.0
11	26.2	23.8	26.5	25.5	28.1	26.7	28.8	27.4	30.5	29.0	30.6	29.2
12	25.9	24.3	27.0	25.2	28.2	27.7	29.5	27.8	31.5	29.6	30.2	29.2
13	26.2	24.5	27.0	25.6	28.9	27.4	29.9	28.8	31.5	30.1	30.3	29.2
14	25.3	24.2	27.1	25.6	29.3	28.2	30.3	29.0	31.5	30.3	30.2	28.9
15	24.7	23.6	27.7	26.2	29.9	28.8	30.6	29.1	31.5	30.0	30.1	28.6
16	24.5	22.2	29.1	26.3	30.8	29.5	30.7	29.6	31.7	30.6	30.2	28.7
17	24.5	21.9	29.1	26.7	31.1	30.0	30.8	29.6	32.1	30.8	30.5	29.0
18	26.0	22.3	29.4	27.6	31.2	30.1	30.9	29.7	32.3	30.8	30.6	29.1
19	25.6	22.6	29.5	27.6	31.3	30.0	30.8	29.9	32.4	30.8	30.7	29.3
20	24.4	23.0	29.8	27.7	30.7	29.4	30.6	29.5	32.6	31.0	29.6	28.5
21	24.9	22.8	29.7	27.7	29.4	28.6	30.7	29.4	32.3	31.2	29.0	27.9
22	25.4	23.1	30.1	28.1	28.6	27.7	30.4	29.7	31.7	30.9	28.1	27.7
23	25.6	23.8	30.0	28.3	27.7	26.6	31.2	29.6	31.3	30.3	28.2	27.4
24	25.1	23.8	29.8	28.4	27.5	26.2	31.2	30.2	31.0	29.7	29.1	27.6
25	25.4	23.2	29.6	28.6	28.2	26.5	30.6	29.6	30.5	29.4	29.3	28.3
26	25.0	23.4	29.4	28.1	29.2	27.4	30.2	29.5	29.6	28.7	29.7	28.3
27	25.6	23.8	29.4	27.4	28.7	28.1	31.0	29.7	29.0	28.3	29.9	27.9
28	26.7	24.1	29.3	27.6	28.8	27.7	31.3	30.1	29.3	27.9	29.3	27.7
29	27.3	24.5	30.2	28.2	28.7	28.0	31.0	30.0	30.0	28.6	29.2	27.2
30	26.9	25.2	30.8	28.9	28.3	27.6	31.0	29.8	30.7	29.5	29.9	27.7
31	---	---	30.3	28.7	---	---	31.0	29.4	30.6	30.1	---	---
MONTH	27.3	21.9	30.8	22.9	31.3	24.2	31.6	27.4	32.6	27.8	31.1	27.2

02297460 PEACE RIVER AT HARBOUR HEIGHTS, FL.

LOCATION.--Lat 26° 59'14", long 81° 59'40" (1927 North American datum), in NE$^{1}/_{4}$ sec.22, T.40 S., R.23 E., Charlotte County, Hydrologic Unit 03100101, on right bank, on private dock on Voyageur Road, 0.6 mi southeast of Harbour Heights, and 10.2 mi upstream from mouth.

DRAINAGE AREA.--1,870 mi^2.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--August 1996 to September 2003 (gage heights only); October 2003 to current year (tidal high-high and low-low only). Records of gage heights prior to October 1996 are available in files of the Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Interruptions in record were due to days in which a tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low. The extremes for periods published previously as maximum and minimum gage heights are equivalent to tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 5.64 ft, Sept. 14, 2001; minimum, 2.46 ft below NGVD, Jan. 15, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.68 ft, Dec. 26; minimum, 2.38 ft below NGVD, Dec. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	2.28	0.26	2.23	-0.13	1.77	-0.76	1.18	-0.76	---	---	1.25	-0.30
2	2.09	0.09	2.09	-0.08	1.37	-0.61	1.30	-0.55	---	---	1.27	-0.52
3	1.85	0.03	1.60	-0.21	1.07	-0.87	1.26	-0.64	---	---	0.60	-1.02
4	1.99	0.20	---	0.10	1.12	-0.70	1.40	-0.55	1.18	-0.60	1.38	-1.40
5	1.63	0.06	1.99	-0.33	1.12	-0.66	1.68	-0.64	1.74	-1.36	1.29	-1.16
6	1.49	-0.19	0.53	-0.65	1.39	-0.13	1.84	-0.82	2.40	-1.12	1.62	-1.00
7	0.95	-0.65	1.17	-0.17	1.71	-0.37	1.87	-0.87	---	-0.67	1.36	-0.77
8	1.45	-0.05	1.40	-0.21	1.02	-0.47	---	-1.04	2.53	-0.21	2.38	0.34
9	1.98	0.23	1.32	-0.28	1.56	-0.84	1.81	-1.26	2.67	-0.04	1.47	-0.76
10	2.24	0.43	1.29	-0.77	2.20	-0.36	1.76	-1.20	2.70	0.20	1.40	-0.86
11	2.48	0.42	1.71	-0.53	2.28	-0.44	---	---	1.37	-0.81	1.86	-0.10
12	2.22	0.51	2.46	-0.17	1.50	-1.56	---	---	1.56	-0.54	1.50	-0.41
13	2.19	0.40	2.80	-0.12	1.79	-1.19	2.05	-0.19	2.15	-0.09	1.77	0.19
14	2.07	0.01	2.20	-1.07	2.02	-1.10	---	---	1.95	0.21	1.56	-0.33
15	2.44	0.63	1.19	-1.69	-0.14	-2.38	---	---	1.76	-0.02	1.55	-0.77
16	2.10	-0.39	1.77	-1.01	0.52	-1.62	---	---	1.73	-0.38	2.34	-0.67
17	2.09	-0.51	1.24	-0.72	0.95	-0.97	---	---	1.79	-0.24	1.36	-0.22
18	2.16	-0.47	1.58	-0.50	1.10	-0.63	---	---	1.06	-0.78	0.88	-0.52
19	2.31	-0.21	1.70	-0.08	1.21	-0.36	---	---	1.17	-1.37	0.71	-0.93
20	1.71	-0.12	1.79	0.10	0.48	-0.85	---	---	1.58	-0.99	1.42	-0.89
21	1.47	-0.51	1.57	0.24	1.30	-1.11	---	---	1.29	-0.69	1.62	-0.58
22	1.37	-0.60	1.76	0.03	---	-1.02	---	---	1.67	-0.65	1.89	-0.05
23	1.68	-0.43	2.05	0.02	1.87	-0.42	---	---	1.57	-0.72	1.71	-0.04
24	1.93	0.00	2.36	0.28	1.81	-0.89	---	---	1.85	-0.21	1.99	-0.12
25	1.92	0.06	2.89	0.56	0.64	-1.47	---	---	1.68	-0.29	1.88	-0.01
26	1.80	-0.22	1.60	-0.96	3.68	-0.72	---	---	1.43	-0.52	1.83	-0.14
27	1.81	-0.49	1.73	-0.63	0.35	-1.97	---	---	3.18	0.43	2.43	0.25
28	1.94	-0.47	2.82	-0.49	0.41	-1.78	---	---	1.99	0.38	2.25	1.31
29	2.13	-0.41	1.41	-1.04	0.98	-1.23	---	---	---	---	1.80	-0.04
30	2.26	-0.29	1.56	-0.91	---	-0.67	---	---	---	---	1.82	-0.65
31	2.34	-0.28	---	---	1.35	-0.86	---	---	---	---	2.26	-0.78
MAX	2.48	0.63	---	0.56	---	-0.13	---	---	---	---	2.43	1.31
MIN	0.95	-0.65	---	-1.69	---	-2.38	---	---	---	---	0.60	-1.40

02297460 PEACE RIVER AT HARBOUR HEIGHTS, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	2.37		-0.61		2.21		-0.34		1.96		0.33		2.26		0.03		2.12		-0.44		2.34		-0.34	
2	1.51		0.06		1.61		-0.27		1.79		0.11		2.31		-0.01		2.37		-0.45		2.56		-0.18	
3	1.16		-1.34		1.61		-0.50		2.33		0.32		2.40		-0.03		2.23		-0.45		2.11		0.00	
4	1.58		-1.21		2.06		-0.01		2.04		-0.04		2.33		-0.28		2.15		-0.68		1.77		-0.14	
5	1.28		-0.76		2.29		0.12		2.30		-0.08		2.41		-0.19		2.21		0.86		1.57		-0.03	
6	1.88		-0.31		1.84		-0.65		2.23		-0.01		2.61		---		2.15		-0.48		1.87		-0.05	
7	2.35		0.20		1.55		-0.68		2.29		---		2.39		-0.11		2.15		-0.45		2.00		0.08	
8	2.29		-0.02		2.16		-0.46		2.20		0.00		2.23		-0.28		1.84		-0.14		2.00		0.04	
9	1.96		-0.47		2.24		-0.45		2.40		-0.09		2.27		-0.15		1.77		-0.03		1.97		0.00	
10	1.78		-0.85		2.34		-0.44		1.75		-0.19		3.38		2.93		1.72		0.03		1.93		-0.25	
11	2.19		---		2.21		---		2.70		1.83		2.14		1.05		1.73		-0.02		1.67		-0.45	
12	2.50		-0.41		2.03		-0.64		1.99		0.67		1.75		0.12		2.01		-0.05		1.90		-0.08	
13	2.15		0.14		1.59		-0.50		1.51		0.14		1.79		0.26		1.98		-0.12		2.04		-0.09	
14	2.10		-0.33		1.94		-0.65		1.66		0.28		1.82		0.40		1.39		-0.47		2.70		0.04	
15	0.60		-0.72		1.58		-0.17		1.75		0.39		2.04		0.30		1.56		-0.61		2.56		-0.08	
16	0.75		-1.48		1.68		-0.26		1.88		0.43		2.11		0.09		2.21		-0.52		2.71		0.07	
17	0.95		-1.47		1.40		-0.29		2.18		0.26		2.01		-0.31		2.50		-0.37		2.43		0.23	
18	0.99		-1.10		1.21		-0.26		2.40		0.01		2.16		-0.48		2.76		-0.21		2.26		0.25	
19	1.51		-0.82		1.38		-0.32		2.21		-0.24		2.51		-0.38		2.63		-0.08		1.93		-0.12	
20	1.56		-0.39		1.88		0.04		2.57		0.01		2.47		-0.35		2.56		0.60		1.17		-1.35	
21	1.81		-0.07		2.24		-0.10		2.32		-0.40		2.52		---		2.49		-0.13		2.62		-0.32	
22	2.00		-0.04		2.05		-0.38		2.63		0.92		2.69		-0.31		2.16		0.05		2.80		0.17	
23	2.38		0.35		2.30		-0.37		2.46		-0.34		2.33		-0.15		2.07		0.15		1.97		0.17	
24	1.77		-0.47		2.44		-0.12		1.99		-0.55		2.17		-0.22		2.07		0.01		2.35		0.04	
25	1.92		-0.59		2.74		---		2.53		-0.68		2.19		-0.20		1.89		-0.55		1.92		-0.13	
26	2.62		0.79		2.53		-0.41		2.29		-0.16		1.82		0.04		-0.59		-1.59		1.59		0.08	
27	2.45		-0.34		2.47		-0.48		1.79		0.11		1.85		0.05		2.51		1.46		2.02		0.01	
28	1.63		-0.67		2.20		-0.46		1.66		-0.18		1.75		-0.23		2.65		0.68		2.24		0.12	
29	2.24		-0.84		1.83		-0.40		1.87		0.34		1.93		-0.34		2.03		0.43		2.25		0.15	
30	2.43		-0.39		2.04		-0.33		2.01		0.21		1.18		-0.64		2.59		0.21		2.12		0.37	
31	---		---		1.79		0.20		---		---		2.02		-0.52		2.30		-0.13		---		---	
MAX	2.62		---		2.74		---		2.70		---		3.38		---		2.76		1.46		2.80		0.37	
MIN	0.60		---		1.21		---		1.51		---		1.18		---		-0.59		-1.59		1.17		-1.35	

02297460 PEACE RIVER AT HARBOUR HEIGHTS, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 1996 to current year, incomplete. Records of specific cndonductance and temperature prior to October 1996 are available in files of the Geological Survey.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located 0.4 ft below National Geodetic Vertical Datum of 1929, and 3.5 ft below National Geodetic Vertical Datum of 1929. Prior to Jan. 11, 2005 sensors located 1.0 ft below the surface and 1.0 ft above the bottom. Data is considered equivalent.

REMARKS.--Specific conductance and temperature records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 44,500 microsiemens, May 21, 2000; bottom sensor maximum, 45,900 microsiemens, June 1, 2000; top sensor minimum, 78 microsiemens, Mar. 24, 25, 1998; bottom sensor minimum, 81 microsiemens, Mar. 24, 25, 1998.

TEMPERATURE.--Top sensor maximum, 35.4° C, July 29, 1998; bottom sensor maximum, 35.7° C, July 29, 1998; top sensor minimum, 7.8° C, Jan. 25, 2003; bottom sensor minimum, 7.8° C, Jan. 25, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 32,900 microsiemens, Dec. 26; bottom sensor maximum, 33,300 microsiemens, Feb. 8; top sensor minimum, 104 microsiemens, Mar. 4; bottom sensor minimum, 144 microsiemens, Dec. 15, Jan. 24.

TEMPERATURE.--Top sensor maximum, 34.4° C, Aug. 11; bottom sensor maximum, 33.8° C, Aug. 14; top sensor minimum, 11.2° C, Jan. 24; bottom sensor minimum, 11.3° C, Dec. 15, Jan. 24.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	285	149	10,800	443	19,300	2,500	16,100	2,560	17,700	1,170	8,360	2,050
2	311	138	7,390	534	16,400	4,320	17,900	3,520	22,400	2,340	3,500	993
3	265	137	7,050	625	14,000	3,720	18,800	3,940	28,200	1,020	3,920	447
4	245	138	9,530	1,650	18,400	5,040	20,900	4,000	20,900	4,260	4,850	104
5	273	145	10,600	536	22,900	6,130	25,600	3,820	19,600	3,080	2,140	321
6	316	155	3,660	507	23,300	9,460	22,500	3,710	28,900	3,740	1,570	276
7	337	164	7,470	1,140	24,000	8,990	21,900	2,110	31,600	5,660	1,080	299
8	249	172	9,630	1,620	24,000	6,820	22,100	1,320	32,100	7,550	1,890	314
9	246	177	9,630	848	22,700	4,010	23,200	1,270	31,200	8,460	1,260	308
10	233	187	9,780	519	25,100	7,180	24,200	1,460	28,400	7,300	1,280	337
11	279	194	16,100	605	25,200	5,340	---	---	14,600	3,500	1,060	360
12	260	201	21,300	1,140	16,400	1,580	---	---	16,800	4,240	734	382
13	241	204	22,000	1,330	19,600	2,910	24,100	4,670	23,400	5,500	548	365
14	286	211	12,600	694	20,000	2,850	22,500	2,190	20,300	5,650	634	388
15	249	210	4,710	353	8,000	533	6,760	1,030	16,600	2,770	1,060	410
16	303	219	8,370	896	12,100	2,290	4,140	1,420	16,700	2,530	9,340	423
17	307	223	11,500	955	17,700	3,860	3,630	571	18,900	3,860	932	454
18	365	230	19,100	2,540	21,800	7,720	2,200	289	11,500	4,020	883	384
19	379	237	19,500	6,000	21,400	9,940	11,300	444	19,900	1,700	848	359
20	301	236	19,400	5,780	19,200	6,440	12,900	1,740	23,200	7,330	651	304
21	337	237	18,400	4,800	25,900	8,130	11,200	737	23,700	10,000	655	287
22	321	242	18,300	3,000	28,800	9,090	14,400	462	24,100	9,100	525	281
23	2,350	248	21,100	2,960	28,800	11,900	15,200	497	22,900	6,800	452	258
24	5,120	270	21,900	3,480	26,800	8,050	2,800	433	24,200	10,200	581	276
25	2,120	256	24,500	3,420	20,800	6,200	8,670	555	22,000	7,090	453	293
26	531	273	8,380	923	32,900	6,680	12,100	568	18,800	6,290	469	294
27	1,840	284	23,100	1,720	15,300	2,690	11,400	553	30,600	8,010	432	298
28	3,260	298	28,100	2,470	6,050	1,150	5,900	434	18,900	6,840	476	315
29	9,290	366	10,400	962	14,300	901	10,200	739	---	---	512	304
30	11,100	416	16,100	1,140	16,300	2,750	15,800	3,780	---	---	613	318
31	12,200	370	---	---	16,900	2,270	12,400	1,760	---	---	624	345
MONTH	12,200	137	28,100	353	32,900	533	---	---	32,100	1,020	9,340	104

02297460 PEACE RIVER AT HARBOUR HEIGHTS, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	1,150	358	13,800	1,830	6,160	536	287	207	308	259	332	281
2	479	345	8,840	1,370	1,660	478	382	206	335	268	1,680	281
3	551	327	6,840	983	951	325	346	201	323	251	381	277
4	555	298	10,800	959	1,210	282	349	202	322	250	346	261
5	3,500	346	11,400	735	927	253	340	189	287	244	672	260
6	5,590	366	3,550	513	626	227	270	181	287	243	1,640	250
7	7,120	391	1,430	372	497	202	284	194	289	242	1,510	260
8	5,640	435	8,650	412	510	192	286	189	280	244	475	260
9	1,870	421	9,780	430	561	186	238	171	302	246	327	264
10	1,030	409	8,700	427	551	178	206	171	325	248	1,440	272
11	9,440	424	6,590	420	329	177	217	177	278	227	3,500	284
12	14,900	466	2,320	356	342	182	206	173	275	227	8,810	655
13	8,420	617	775	343	412	192	215	183	380	224	11,400	420
14	6,010	472	10,700	354	296	194	231	190	264	232	11,800	438
15	1,410	457	7,680	465	275	194	223	192	299	237	8,750	445
16	1,370	429	6,790	863	298	189	250	192	302	241	11,700	471
17	3,740	539	4,290	471	351	186	277	191	2,300	247	10,200	400
18	7,100	1,620	5,940	440	361	187	303	194	1,720	249	12,300	433
19	11,300	3,220	7,190	849	442	187	259	197	612	253	9,170	533
20	13,000	3,600	14,600	2,060	377	191	276	203	1,700	252	4,030	436
21	14,200	3,430	17,700	2,060	400	195	290	207	1,160	251	18,900	391
22	17,000	3,580	13,200	1,150	361	198	292	211	348	248	22,400	1,770
23	18,800	5,340	18,200	1,480	379	214	298	211	473	249	18,300	1,480
24	13,100	2,270	18,200	2,240	401	221	280	216	300	245	13,900	904
25	12,600	1,980	18,200	2,360	371	234	289	220	329	235	9,620	1,250
26	21,300	2,100	---	---	361	231	299	226	356	202	13,100	3,880
27	17,300	3,430	18,200	1,510	324	214	363	231	3,880	252	14,000	2,520
28	8,920	2,050	14,800	1,750	346	215	305	233	2,030	274	16,800	1,370
29	17,100	1,190	10,400	1,570	305	218	315	235	1,180	282	14,200	780
30	18,000	1,570	12,500	1,530	330	212	314	247	501	283	9,020	654
31	---	---	8,790	1,380	---	---	326	252	328	277	---	---
MONTH	21,300	298	18,200	343	6,160	177	382	171	3,880	202	22,400	250

02297460 PEACE RIVER AT HARBOUR HEIGHTS, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	241	161	15,000	449	21,800	2,790	16,400	2,640	26,900	1,520	8,850	2,690
2	275	148	9,010	546	18,000	4,770	18,300	3,620	28,600	2,740	3,670	1,170
3	208	144	8,120	642	15,500	4,140	19,000	4,140	29,200	3,950	3,970	451
4	230	148	11,100	1,650	20,500	5,640	21,600	4,120	23,600	4,330	9,660	414
5	224	153	11,000	636	25,400	6,820	27,200	3,930	23,700	3,130	2,030	490
6	273	159	4,120	526	26,000	10,600	24,300	4,020	33,000	4,390	1,450	297
7	301	168	9,600	1,190	26,400	10,300	23,600	2,230	32,800	6,500	1,000	310
8	236	177	10,300	1,670	26,400	7,580	23,900	1,400	33,300	8,310	1,580	327
9	232	183	9,960	891	25,400	4,390	24,400	1,350	32,000	8,900	1,140	336
10	215	189	12,300	526	27,800	7,840	24,000	1,520	28,400	7,920	1,140	370
11	245	197	16,800	630	27,200	5,790	---	---	15,600	3,780	943	380
12	263	203	21,600	1,200	17,500	1,720	---	---	16,400	4,420	642	397
13	230	207	22,000	1,360	20,800	3,070	27,200	5,260	22,600	5,900	515	395
14	295	215	13,100	709	22,300	3,090	24,000	2,890	19,900	5,670	584	394
15	253	214	4,900	356	8,400	198	8,270	1,170	19,400	2,770	622	355
16	306	222	12,000	913	12,200	2,440	5,820	2,080	16,600	2,870	4,330	407
17	310	226	11,800	946	18,200	4,110	3,900	684	18,200	3,860	1,030	458
18	365	233	19,600	2,590	22,400	8,200	2,380	402	16,800	3,920	821	377
19	356	239	20,200	6,200	21,700	10,500	18,600	646	22,400	4,470	835	351
20	296	239	20,200	6,020	20,100	6,800	16,000	2,050	24,200	7,140	635	296
21	341	240	19,300	5,160	27,100	8,500	14,300	954	24,200	9,440	643	275
22	325	244	19,300	3,260	30,100	9,640	15,900	716	23,200	8,970	494	273
23	3,250	250	22,300	3,120	29,900	12,600	16,700	612	21,200	6,800	436	252
24	5,320	274	23,400	3,730	27,900	7,120	3,450	486	22,600	10,900	564	268
25	2,300	262	26,100	3,710	13,800	2,580	13,000	859	20,300	7,230	426	277
26	583	277	8,970	976	11,100	3,980	14,300	711	17,000	6,610	455	277
27	2,110	291	24,500	1,870	7,760	1,930	13,900	684	28,900	7,960	418	291
28	4,260	300	30,300	2,750	4,060	1,030	7,230	559	18,300	7,850	464	306
29	11,100	373	11,200	1,030	6,780	909	12,900	847	---	---	490	303
30	11,800	424	18,200	1,280	16,400	2,800	19,700	4,580	---	---	609	311
31	13,300	404	---	---	17,300	2,340	18,600	2,300	---	---	614	324
MONTH	13,300	144	30,300	356	30,100	198	---	---	33,300	1,520	9,660	252
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	1,160	350	13,900	2,030	6,410	523	248	192	296	248	352	278
2	473	336	9,070	1,570	1,570	467	298	192	330	258	1,600	278
3	697	318	7,550	1,090	933	318	251	186	308	243	390	268
4	552	337	10,800	1,190	1,180	269	255	184	299	242	343	262
5	3,560	336	11,300	758	904	241	249	178	300	234	661	256
6	5,400	355	3,640	549	581	220	259	176	297	232	1,670	245
7	7,510	378	1,420	396	480	194	280	192	276	231	1,590	258
8	5,410	420	9,220	441	489	185	281	186	273	229	491	259
9	1,960	407	10,100	457	529	179	235	169	282	234	309	261
10	1,260	395	9,860	453	531	173	202	169	315	236	1,270	271
11	9,780	407	7,140	498	305	170	209	174	287	223	4,880	283
12	15,000	444	5,760	390	330	175	199	169	251	221	10,300	660
13	8,290	688	825	376	397	183	212	179	278	221	14,300	630
14	5,920	543	15,600	392	276	185	217	187	259	228	12,300	639
15	1,380	499	8,900	626	258	184	217	188	301	234	9,520	527
16	1,780	418	7,360	1,010	282	179	244	188	303	240	11,900	573
17	4,330	550	4,520	610	269	180	271	186	2,380	242	13,100	424
18	11,000	1,720	6,890	576	300	178	290	189	1,740	251	12,600	519
19	12,400	3,250	9,890	1,110	368	176	251	193	583	253	9,430	711
20	13,300	3,910	16,200	2,060	309	182	271	199	1,920	251	4,710	499
21	14,700	3,750	18,200	2,490	314	183	283	202	1,250	248	19,900	392
22	16,600	3,790	14,800	1,300	279	186	283	204	346	245	23,300	1,940
23	18,400	5,710	18,800	1,730	279	203	289	204	514	245	18,600	1,740
24	13,000	2,450	18,800	2,470	309	210	271	209	370	242	16,700	1,100
25	13,100	2,250	19,200	2,620	314	220	307	213	326	229	12,500	1,490
26	21,200	2,250	17,900	370	280	215	403	218	404	228	18,200	4,140
27	16,900	3,650	18,000	1,640	254	200	260	223	4,700	248	17,500	2,860
28	9,470	2,240	15,200	1,810	283	203	273	225	5,070	273	18,400	1,560
29	17,600	1,260	10,900	1,700	251	205	370	226	1,280	279	15,200	903
30	18,500	1,690	12,500	1,780	262	198	314	237	506	279	11,600	677
31	---	---	8,820	1,460	---	---	315	242	330	273	---	---
MONTH	21,200	318	19,200	370	6,410	170	403	169	5,070	221	23,300	245

02297460 PEACE RIVER AT HARBOUR HEIGHTS, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.5	27.8	26.9	25.2	25.3	23.2	20.7	17.5	20.1	17.6	23.0	19.8
2	30.1	28.0	27.9	25.1	24.9	23.0	20.9	18.0	20.5	18.2	21.7	19.0
3	29.5	27.8	29.2	25.5	23.8	21.7	20.9	18.0	20.8	18.6	19.3	15.2
4	30.3	27.8	28.7	26.1	23.1	20.2	21.1	18.2	19.9	16.8	18.8	14.2
5	30.5	28.0	27.6	24.8	22.5	19.7	21.5	18.7	18.1	13.9	19.8	16.7
6	30.3	27.9	24.8	22.8	23.4	20.7	20.9	19.5	18.6	16.1	20.8	18.0
7	28.3	27.0	25.1	22.3	22.9	21.4	22.0	20.4	19.6	17.5	20.3	19.0
8	28.0	26.6	24.4	21.5	23.9	21.7	22.9	20.9	20.3	18.1	20.4	19.1
9	28.3	26.2	24.0	21.4	24.0	21.8	23.2	21.5	21.2	18.3	19.2	16.6
10	27.4	26.1	23.6	21.1	23.9	22.8	23.2	21.8	20.7	18.5	19.4	15.6
11	26.8	25.5	24.0	21.5	23.6	21.0	---	---	19.6	15.6	19.7	17.4
12	28.7	25.1	24.3	22.3	22.4	17.8	---	---	18.8	15.1	20.3	17.8
13	27.4	26.1	24.5	23.0	21.3	18.8	23.8	21.9	18.8	16.3	21.4	18.2
14	27.7	25.9	24.4	22.7	21.6	16.0	23.2	20.9	19.3	17.0	22.5	19.7
15	26.9	25.2	23.4	20.7	18.3	11.3	21.2	19.2	21.3	17.9	23.1	20.6
16	25.7	23.8	23.7	20.7	17.8	12.9	19.6	17.4	21.5	18.6	23.5	21.4
17	26.7	23.7	23.7	20.4	16.6	14.9	18.6	15.5	22.3	19.5	23.4	20.8
18	28.1	24.2	25.0	21.3	18.6	15.7	16.7	12.6	21.5	19.1	22.1	20.2
19	27.9	25.0	24.4	21.4	17.9	15.8	17.3	12.8	21.1	16.4	21.7	18.3
20	27.8	25.4	24.1	21.8	17.4	14.8	15.8	14.3	21.2	18.7	22.7	18.9
21	29.1	25.8	24.5	22.0	16.6	12.8	17.1	14.6	22.2	20.0	21.9	20.3
22	28.0	25.7	24.1	22.4	17.1	14.9	18.4	15.5	23.7	21.5	24.0	21.1
23	27.3	24.9	23.9	22.7	17.8	16.9	18.4	15.2	24.6	22.6	23.4	21.9
24	27.2	24.3	24.3	22.9	17.9	17.3	15.6	11.2	24.8	22.8	24.2	21.6
25	27.5	24.7	24.2	22.7	17.4	16.3	16.9	13.1	24.2	23.0	26.2	22.8
26	26.7	24.6	23.4	20.5	16.7	15.3	17.8	15.4	24.4	21.9	27.4	24.3
27	26.3	24.2	23.5	20.6	16.0	11.4	19.5	16.5	23.5	22.3	26.5	25.0
28	25.8	23.9	23.7	22.1	16.5	12.7	20.0	16.9	23.8	21.9	25.6	23.0
29	26.2	24.3	24.2	20.6	17.5	14.5	19.6	17.3	---	---	25.2	22.5
30	26.9	24.9	24.1	21.5	17.6	15.5	21.5	18.2	---	---	25.4	23.1
31	27.2	24.9	---	---	19.1	17.0	20.4	18.0	---	---	26.2	24.2
MONTH	30.5	23.7	29.2	20.4	25.3	11.3	---	---	24.8	13.9	27.4	14.2
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	26.3	24.6	25.9	24.6	29.3	27.3	30.9	27.9	32.4	29.6	32.2	30.3
2	26.1	22.8	26.5	24.5	27.5	25.8	30.3	28.5	30.8	29.8	32.1	30.1
3	23.5	19.5	27.1	24.9	25.9	24.6	31.6	28.6	32.1	29.4	31.7	29.7
4	25.5	20.4	25.7	24.8	27.1	24.3	31.7	29.0	32.3	28.5	30.7	29.0
5	26.3	22.5	24.9	23.9	27.0	25.2	32.7	29.3	30.9	29.0	29.8	28.3
6	26.0	23.1	26.0	23.6	27.8	25.7	32.0	29.7	31.1	28.9	30.1	27.8
7	24.6	23.1	26.3	22.1	28.7	26.4	33.0	30.2	30.7	29.2	29.8	28.5
8	25.1	23.2	26.7	23.7	30.3	26.9	32.0	29.1	30.9	28.6	29.2	28.1
9	25.2	23.1	26.9	24.4	28.7	27.5	29.4	26.2	29.6	28.5	30.0	27.8
10	26.5	22.8	27.3	25.1	27.5	26.0	27.8	26.7	31.9	28.5	31.4	28.4
11	25.5	23.6	28.2	25.1	28.5	26.2	29.3	27.2	34.4	29.7	32.8	29.0
12	24.9	23.5	27.5	24.9	28.4	27.5	30.5	27.7	32.5	30.2	32.0	28.9
13	25.1	23.8	27.3	24.8	29.7	27.3	30.7	28.7	33.1	30.6	30.9	29.3
14	24.2	23.1	26.4	24.7	29.9	28.1	31.3	28.9	33.9	31.1	30.3	29.1
15	24.6	21.9	28.0	25.2	30.5	28.7	32.1	29.2	32.8	30.4	29.9	28.8
16	23.6	20.7	29.1	25.6	31.7	29.3	32.3	29.5	33.5	31.1	31.1	28.2
17	23.2	20.2	29.9	26.5	32.3	29.9	32.1	29.4	32.8	31.1	30.9	28.1
18	24.4	19.6	30.2	27.2	32.4	30.0	31.9	29.5	32.2	30.8	30.8	28.5
19	24.2	21.3	29.5	25.8	31.8	29.8	31.6	29.7	32.9	30.5	30.1	28.5
20	23.5	22.2	29.3	26.0	30.7	29.1	32.1	29.4	33.0	30.3	29.0	26.8
21	25.4	21.8	29.1	26.6	29.3	27.9	32.2	29.5	33.2	30.7	27.8	26.7
22	25.0	22.6	29.5	27.4	28.4	26.9	31.2	29.7	32.4	30.6	27.6	26.7
23	25.2	23.8	29.6	28.0	27.7	26.2	31.5	29.6	33.3	30.4	28.3	26.8
24	24.9	22.6	29.0	27.8	28.0	25.8	31.6	30.3	32.4	30.0	29.7	27.2
25	24.4	21.5	28.8	27.5	28.9	26.3	31.8	29.9	31.1	28.5	30.9	27.8
26	24.2	22.3	28.6	27.4	29.8	27.6	31.4	29.9	29.6	26.9	30.6	27.6
27	24.7	23.0	28.9	26.9	29.5	28.5	31.9	29.6	28.0	26.7	30.2	27.4
28	25.5	23.1	29.4	27.7	30.5	27.8	32.7	30.3	29.6	27.2	29.5	27.6
29	26.0	23.7	31.9	28.3	29.3	28.1	32.9	30.5	30.7	28.3	29.6	27.4
30	26.5	24.2	31.6	28.7	29.9	28.0	32.1	29.9	31.6	29.3	29.9	27.3
31	---	---	30.2	28.5	---	---	32.0	29.2	32.2	30.0	---	---
MONTH	26.5	19.5	31.9	22.1	32.4	24.3	33.0	26.2	34.4	26.7	32.8	26.7

02297460 PEACE RIVER AT HARBOUR HEIGHTS, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.4	27.9	26.9	25.2	25.5	23.2	20.7	17.5	20.1	17.6	22.7	20.0
2	29.9	28.1	27.9	25.0	24.9	23.0	20.9	17.9	20.3	18.2	21.6	19.0
3	29.5	27.7	29.1	25.5	23.8	21.7	20.9	18.0	20.3	18.6	19.3	15.2
4	30.2	27.8	28.5	26.2	23.1	20.2	21.1	18.2	20.1	16.8	18.7	14.2
5	30.2	28.0	27.7	24.7	22.5	19.7	21.5	18.7	18.0	13.9	19.8	16.8
6	30.2	28.1	24.8	22.9	23.4	20.7	20.9	19.5	18.6	16.1	20.5	18.1
7	28.3	27.1	24.9	22.3	22.9	21.4	22.0	20.4	19.4	17.5	20.3	19.0
8	27.9	26.6	24.3	21.5	23.8	21.6	22.8	20.9	20.2	18.1	20.4	19.1
9	28.3	26.3	24.0	21.4	24.0	21.8	23.2	21.5	21.2	18.7	19.2	16.6
10	27.4	26.1	23.6	21.1	23.9	22.8	23.2	21.8	20.7	18.5	19.4	15.6
11	26.8	25.5	23.9	21.5	23.6	21.0	---	---	19.8	15.6	19.7	17.4
12	27.4	25.0	24.2	22.3	22.4	17.8	---	---	18.8	15.1	20.2	17.7
13	27.4	26.1	24.5	23.0	21.3	18.8	23.8	22.0	18.8	16.3	21.4	18.2
14	27.5	25.9	24.5	22.5	21.6	16.0	23.4	20.8	19.4	17.0	22.5	19.6
15	26.8	25.2	24.0	20.9	18.3	11.3	21.6	19.2	20.7	18.0	23.1	20.6
16	25.6	23.8	23.7	20.7	17.7	12.9	19.6	17.4	21.5	18.8	23.5	21.4
17	26.6	23.7	23.7	20.4	16.6	14.9	18.5	15.5	22.3	19.4	23.5	20.8
18	28.0	24.2	24.9	21.3	18.6	15.7	16.7	12.3	21.5	18.9	22.0	20.1
19	27.5	25.0	24.3	21.4	17.9	15.8	16.9	12.2	20.7	16.4	21.7	18.1
20	27.7	25.3	24.0	21.8	17.4	14.8	15.7	13.9	21.1	18.6	22.7	18.9
21	29.1	25.7	24.6	21.9	16.6	12.8	17.1	14.5	22.1	20.2	21.9	20.3
22	28.0	25.6	24.1	22.4	17.1	14.9	18.4	15.5	23.7	21.5	23.9	21.1
23	27.3	24.8	23.9	22.7	17.7	16.9	18.4	15.2	24.6	22.5	23.4	21.9
24	27.1	24.3	24.3	22.9	17.9	17.3	15.7	11.3	24.7	23.0	24.2	21.6
25	27.4	24.7	24.2	22.8	17.4	16.3	17.0	13.0	24.1	22.9	26.2	22.8
26	26.7	24.6	23.5	20.5	16.7	15.2	17.9	15.5	24.4	21.8	27.4	24.3
27	26.3	24.2	23.5	20.6	16.0	11.4	19.4	16.5	23.7	22.3	26.5	25.0
28	25.8	23.9	23.7	22.1	16.5	12.7	20.0	16.9	23.7	21.7	25.5	22.9
29	26.1	24.3	24.1	20.6	17.5	14.5	19.5	17.3	---	---	24.8	22.4
30	26.9	24.9	24.1	21.5	17.6	15.5	20.1	18.2	---	---	25.4	22.9
31	27.1	24.9	---	---	19.1	17.0	20.3	18.0	---	---	26.1	24.1
MONTH	30.2	23.7	29.1	20.4	25.5	11.3	---	---	24.7	13.9	27.4	14.2
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	26.2	24.6	25.9	24.6	29.3	27.3	30.8	27.9	32.4	29.5	32.2	30.1
2	26.1	22.8	26.4	24.2	27.5	25.8	30.3	28.5	30.8	29.7	32.1	30.1
3	23.3	19.5	26.9	24.7	25.9	24.6	31.5	28.5	32.0	29.3	31.7	29.7
4	25.3	20.4	25.8	24.6	27.0	24.3	31.6	29.0	31.8	28.5	30.7	29.0
5	26.3	22.4	24.9	23.9	27.0	25.2	31.9	29.3	30.9	28.5	29.7	28.2
6	26.0	23.0	26.0	23.5	27.8	25.7	31.9	29.6	30.9	28.9	30.1	27.8
7	24.5	23.1	26.3	22.0	28.7	26.4	32.3	30.1	30.5	29.1	29.8	28.5
8	25.1	23.1	26.4	23.6	30.0	26.9	32.0	29.1	29.8	28.6	29.1	28.1
9	25.2	23.1	26.7	24.2	28.7	27.5	29.3	26.2	29.5	28.4	29.9	27.8
10	26.4	22.8	27.4	24.9	27.5	25.9	27.8	26.7	30.7	28.4	31.3	28.4
11	25.5	22.8	27.1	25.1	28.4	26.2	29.2	27.2	31.1	29.6	32.8	29.0
12	24.8	23.3	27.2	24.6	28.3	27.4	30.3	27.7	32.2	30.1	31.7	28.8
13	25.0	23.8	27.2	24.8	29.5	27.3	30.6	28.7	32.0	30.5	30.7	29.5
14	24.2	23.1	25.9	24.2	29.9	28.0	31.2	28.8	33.8	31.0	30.2	29.1
15	24.5	21.4	27.9	25.0	30.3	28.6	31.7	29.2	32.6	30.4	29.8	28.7
16	23.7	20.8	28.2	25.6	31.5	29.2	32.2	29.5	33.4	31.0	30.5	28.2
17	23.3	20.1	29.4	26.4	32.2	29.8	32.1	29.4	32.7	31.0	30.6	28.1
18	24.0	19.4	30.0	26.7	32.3	30.0	31.9	29.5	32.2	30.7	30.7	28.5
19	23.8	21.3	29.5	25.8	31.7	29.7	31.6	29.7	32.7	30.4	30.2	28.4
20	23.4	22.0	28.8	25.8	30.6	29.0	32.1	29.3	32.8	30.2	29.2	26.8
21	25.2	21.8	29.0	26.4	29.2	27.9	32.2	29.4	33.1	30.6	27.7	26.7
22	25.0	22.4	29.4	27.3	28.4	26.9	31.2	29.6	32.4	30.5	27.6	26.9
23	25.2	23.7	29.6	27.8	27.6	26.2	31.5	29.5	31.6	30.3	28.2	26.8
24	24.8	22.4	29.0	27.7	27.9	25.8	31.4	30.3	32.0	30.0	30.1	27.4
25	24.3	21.6	28.8	27.4	28.9	26.3	31.2	29.8	31.0	28.5	30.9	27.9
26	24.2	22.3	28.6	27.3	29.7	27.6	31.1	29.8	29.9	27.0	30.3	27.9
27	24.7	23.0	28.9	26.8	29.4	28.4	31.0	29.5	27.9	26.6	30.0	27.9
28	25.4	23.0	29.5	27.7	30.5	27.8	32.6	30.2	29.5	27.2	29.4	27.8
29	25.7	23.5	30.8	28.2	29.2	28.0	32.9	30.3	30.6	28.2	29.6	27.5
30	26.5	24.1	30.8	28.5	29.8	28.0	31.7	29.9	31.6	29.2	29.5	27.3
31	---	---	30.4	28.5	---	---	31.5	29.2	32.2	29.8	---	---
MONTH	26.5	19.4	30.8	22.0	32.3	24.3	32.9	26.2	33.8	26.6	32.8	26.7

02297635 SHELL CREEK ON CR 764 NEAR PUNTA GORDA, FL.

LOCATION.--Lat 26° 58'30", long 81° 53'15" (1983 North American datum), in NW$^{1}/_{4}$ sec.26, T.40 S., R.24 E., Charlotte County, Hydrologic Unit 03100101, near center of bridge on Washington Loop Road, 4.8 mi east of U.S. 17, 9.0 mi upstream of mouth, and 9.75 mi northeast of Punta Gorda.

DRAINAGE AREA.--90.1 mi^2.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--February 2004 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage has not been determined.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 21.61 ft, June 13, 2005; minimum, 18.26 ft, June 2, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 21.61 ft, June 13; minimum, 18.33, ft, Dec. 22, Feb. 20.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.43	18.49	18.40	18.43	18.37	18.52	18.56	18.42	18.65	19.69	19.01	18.68
2	19.42	18.48	18.41	18.43	18.37	18.52	18.59	18.42	19.10	19.61	19.08	18.67
3	19.37	18.48	18.42	18.42	18.38	18.49	18.57	18.41	19.52	19.56	19.12	18.64
4	19.31	18.48	18.40	18.41	18.39	18.49	18.57	18.44	20.28	19.53	19.08	18.61
5	19.25	18.49	18.39	18.40	18.39	18.48	18.55	18.48	20.52	19.50	19.17	18.58
6	19.18	18.48	18.40	18.41	18.38	18.47	18.52	18.50	20.68	19.41	19.28	18.57
7	19.11	18.48	18.39	18.42	18.37	18.46	18.50	18.49	20.47	19.29	19.33	18.56
8	19.03	18.47	18.40	18.41	18.37	18.47	18.53	18.47	20.42	19.21	19.42	18.56
9	18.95	18.45	18.40	18.41	18.37	18.47	18.53	18.46	20.26	20.54	19.41	18.54
10	18.86	18.42	18.39	18.40	18.40	18.51	18.51	18.45	20.24	21.16	19.31	18.53
11	18.81	18.40	18.39	18.39	18.39	18.53	18.49	18.44	20.96	20.82	19.17	18.52
12	18.80	18.40	18.39	18.38	18.38	18.53	18.48	18.43	21.23	20.71	19.08	18.52
13	18.79	18.40	18.38	18.36	18.36	18.53	18.49	18.41	21.61	20.13	19.02	18.51
14	18.77	18.39	18.36	18.43	18.36	18.51	18.49	18.40	20.78	20.07	18.94	18.50
15	18.75	18.38	18.35	18.48	18.36	18.48	18.48	18.40	20.14	19.97	18.87	18.49
16	18.72	18.38	18.34	18.49	18.36	18.45	18.46	18.41	19.87	19.93	18.83	18.49
17	18.69	18.38	18.34	18.49	18.36	18.81	18.45	18.43	19.68	19.75	18.80	18.48
18	18.67	18.39	18.35	18.49	18.36	19.36	18.45	18.40	19.52	19.54	18.76	18.46
19	18.65	18.39	18.35	18.48	18.35	19.19	18.43	18.38	19.37	19.39	18.73	18.45
20	18.64	18.39	18.35	18.47	18.33	19.05	18.41	18.38	19.24	19.28	18.70	18.45
21	18.62	18.39	18.34	18.46	18.34	18.97	18.42	18.38	19.21	19.17	18.67	18.44
22	18.61	18.39	18.33	18.45	18.36	18.91	18.42	18.37	19.32	19.09	18.63	18.45
23	18.59	18.39	18.34	18.45	18.36	18.83	18.42	18.37	19.41	19.02	18.61	18.45
24	18.58	18.39	18.36	18.44	18.36	18.79	18.42	18.36	19.54	18.97	18.60	18.44
25	18.57	18.40	18.42	18.43	18.37	18.74	18.41	18.36	19.58	18.95	18.62	18.43
26	18.56	18.40	18.48	18.44	18.37	18.71	18.36	18.34	19.48	18.96	18.61	18.44
27	18.54	18.40	18.48	18.44	18.46	18.67	18.41	18.35	19.92	19.05	18.66	18.55
28	18.53	18.44	18.49	18.42	18.50	18.65	18.42	18.37	19.90	19.10	18.70	18.65
29	18.52	18.43	18.48	18.38	---	18.62	18.43	18.37	19.80	19.09	18.77	18.65
30	18.52	18.42	18.47	18.39	---	18.59	18.41	18.36	19.74	19.03	18.76	18.63
31	18.51	---	18.45	18.39	---	18.57	---	18.42	---	19.00	18.71	---
MEAN	18.82	18.42	18.39	18.43	18.38	18.66	18.47	18.41	19.95	19.57	18.92	18.53
MAX	19.43	18.49	18.49	18.49	18.50	19.36	18.59	18.50	21.61	21.16	19.42	18.68
MIN	18.51	18.38	18.33	18.36	18.33	18.45	18.36	18.34	18.65	18.95	18.60	18.43

02297635 SHELL CREEK ON CR 764 NEAR PUNTA GORDA, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 2004 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors.

REMARKS.--Specific conductance records good and temperature records excellent.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 1,340 microsiemens, June 14, 2004; minimum, 135 microsiemens, July 9, 2005.

TEMPERATURE.--Maximum, 31.2° C, Aug. 4, 2005; minimum, 14.6° C, Jan. 25, 2005.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Maximum, 1,140 microsiemens, Feb. 16-23; minimum, 135 microsiemens, July 9.

TEMPERATURE.--Maximum, 31.2° C, Aug. 4; minimum, 14.6° C, Jan. 25.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	490	458	782	776	1,000	974	1,020	992	1,030	1,020	1,100	1,070
2	485	468	790	778	995	978	993	974	1,030	1,020	1,070	998
3	498	454	801	787	1,000	972	975	969	1,060	1,020	1,030	995
4	528	483	820	800	990	979	976	968	1,070	1,040	1,040	1,020
5	542	528	825	816	994	979	994	975	1,060	1,040	1,030	1,010
6	545	539	825	799	997	990	1,020	992	1,050	1,050	1,050	1,020
7	563	531	827	816	990	979	1,020	993	1,050	1,040	1,050	1,020
8	585	561	832	823	992	986	1,020	994	1,060	1,050	1,060	1,050
9	585	576	832	825	998	989	1,010	995	1,060	1,050	1,060	1,030
10	606	584	838	828	1,010	994	1,010	995	1,110	1,060	1,040	1,000
11	634	605	842	836	1,020	1,000	1,020	1,000	1,120	1,070	1,040	1,020
12	633	605	843	837	1,020	975	1,020	999	1,130	1,090	1,030	1,010
13	659	625	839	833	993	974	1,040	996	1,130	1,110	1,020	1,000
14	660	617	836	832	993	980	1,050	981	1,130	1,120	1,020	1,010
15	649	622	838	831	986	982	1,010	995	1,130	1,120	---	---
16	650	640	840	834	985	981	1,010	971	1,140	1,130	---	---
17	644	628	842	834	990	979	1,000	974	1,140	1,130	989	356
18	647	628	848	835	993	984	1,000	968	1,140	1,140	406	300
19	674	644	859	845	988	980	976	921	1,140	1,140	527	406
20	685	665	866	857	984	982	933	919	1,140	1,120	579	527
21	691	684	874	860	984	982	947	923	1,140	1,120	619	579
22	695	688	880	862	985	982	986	947	1,140	1,130	666	619
23	699	689	885	874	985	978	1,010	986	1,140	1,130	692	666
24	713	693	897	884	986	978	1,010	949	1,130	1,120	731	691
25	717	702	955	896	985	976	1,000	957	1,130	1,120	747	731
26	723	710	990	909	976	907	1,010	983	1,130	1,120	770	747
27	732	721	993	914	948	881	1,020	1,010	1,120	1,110	788	764
28	742	732	995	975	1,010	929	1,020	1,010	1,110	1,090	797	774
29	754	742	1,010	957	1,050	1,010	1,020	1,000	---	---	815	797
30	770	753	999	988	1,060	1,040	1,020	1,020	---	---	827	813
31	782	765	---	---	1,040	1,020	1,030	1,020	---	---	852	823
MONTH	782	454	1,010	776	1,060	881	1,050	919	1,140	1,020	---	---

02297635 SHELL CREEK ON CR 764 NEAR PUNTA GORDA, FL.—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	853	843	944	933	927	717	499	457	658	651	623	604
2	858	847	933	907	750	386	538	499	651	597	644	623
3	873	853	943	920	402	299	554	538	597	537	660	640
4	867	851	936	919	299	244	551	521	547	534	688	660
5	878	862	976	934	323	274	522	484	542	316	700	687
6	867	846	974	846	319	292	564	522	385	327	721	700
7	867	846	846	832	358	319	591	564	426	385	738	720
8	872	854	832	817	350	330	620	591	410	384	759	738
9	879	851	846	817	353	336	609	135	399	386	770	759
10	884	856	860	834	367	312	224	151	428	396	778	770
11	860	844	882	854	312	238	268	198	463	428	786	776
12	854	838	899	877	272	225	266	193	488	463	792	784
13	867	842	901	880	260	209	324	266	507	488	798	791
14	872	867	906	873	321	260	323	256	529	507	810	795
15	881	872	902	886	370	321	333	310	552	529	819	806
16	885	877	914	892	417	370	382	333	569	550	825	817
17	887	877	929	899	458	417	401	382	596	569	830	823
18	892	878	933	910	498	458	427	401	608	596	835	827
19	892	881	932	900	530	498	453	427	625	608	848	822
20	889	872	921	900	548	530	471	453	646	622	851	838
21	886	871	931	911	563	542	496	471	646	635	855	850
22	893	875	917	905	560	523	521	496	643	633	870	852
23	910	889	922	908	607	560	546	521	661	643	886	870
24	915	909	932	913	606	536	566	546	695	661	903	886
25	917	906	945	931	600	576	577	557	702	689	904	896
26	912	904	948	922	606	537	592	577	690	668	909	900
27	921	900	934	920	541	217	613	592	677	667	905	889
28	930	914	948	925	443	326	614	605	691	666	904	708
29	925	914	955	946	472	441	609	604	695	620	708	558
30	941	925	954	943	492	468	630	607	620	591	620	563
31	---	---	954	924	---	---	658	630	604	591	---	---
MONTH	941	838	976	817	927	209	658	135	702	316	909	558

02297635 SHELL CREEK ON CR 764 NEAR PUNTA GORDA, FL.—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	28.8	27.2	23.9	23.9	21.0	20.8	16.0	15.9	16.5	16.2	20.6	20.4
2	28.8	27.4	24.0	23.9	21.0	20.8	16.1	15.9	16.6	16.4	20.6	20.0
3	28.3	27.2	24.1	23.9	20.9	20.8	16.4	16.1	17.3	16.6	20.1	19.0
4	28.2	27.0	24.2	23.9	20.8	20.2	16.6	16.4	17.6	17.1	19.0	18.6
5	28.0	27.0	24.4	24.0	20.2	19.7	17.0	16.6	17.5	17.2	18.7	18.4
6	27.7	27.1	24.2	23.7	20.0	19.7	17.5	17.0	17.2	17.0	18.7	18.4
7	27.4	27.0	23.8	23.1	20.0	19.8	17.6	17.2	17.3	17.2	18.6	18.4
8	27.0	26.4	23.2	22.7	20.1	19.9	17.7	17.4	17.4	17.3	18.7	18.4
9	26.6	25.8	22.7	22.3	20.2	19.9	17.9	17.6	17.4	17.2	18.6	18.2
10	26.0	25.4	22.4	22.2	20.3	20.1	18.1	17.8	17.4	17.2	18.2	17.4
11	25.7	25.4	22.4	22.2	20.7	20.1	18.4	18.0	17.5	17.2	17.9	17.5
12	25.6	25.3	22.3	22.2	20.4	19.9	18.5	18.2	17.2	16.5	18.0	17.8
13	25.8	25.3	22.2	22.2	19.9	19.1	18.7	18.4	16.7	16.4	17.8	17.7
14	25.9	25.4	22.2	22.1	19.2	18.9	19.0	18.5	16.9	16.5	18.0	17.7
15	26.1	25.6	22.2	22.0	18.9	17.7	19.3	18.9	17.1	16.8	---	---
16	25.6	24.6	22.0	21.6	17.7	17.0	19.2	18.7	17.5	17.0	---	---
17	24.6	24.1	21.6	21.2	17.2	17.1	18.7	17.9	17.8	17.4	21.3	19.7
18	24.1	23.5	21.3	21.1	17.3	17.2	17.9	17.2	17.9	17.6	19.9	19.3
19	23.5	23.0	21.2	20.9	17.6	17.3	17.3	16.7	18.0	17.8	20.0	18.6
20	23.5	23.0	21.1	21.0	17.6	16.8	16.9	16.3	18.2	18.0	20.0	18.6
21	23.9	23.5	21.2	21.0	16.8	16.2	16.4	15.8	18.6	18.2	21.2	18.9
22	24.2	23.8	21.3	21.1	16.5	16.3	15.8	15.4	18.9	18.5	22.9	20.5
23	24.6	23.9	21.4	21.1	16.6	16.5	15.4	15.2	19.0	18.7	23.4	22.4
24	24.6	24.2	21.5	21.2	16.6	16.5	15.4	15.2	19.4	18.9	23.4	22.7
25	24.6	24.3	21.5	21.2	16.6	16.5	15.3	14.6	19.3	19.1	23.2	22.5
26	24.7	24.5	21.6	21.3	16.5	16.1	14.9	14.7	19.4	19.1	24.4	23.2
27	24.7	24.4	21.5	21.1	16.1	15.3	15.1	14.8	20.1	19.2	25.3	24.4
28	24.4	24.0	21.4	21.1	15.3	15.0	15.3	15.1	20.6	20.0	25.4	25.0
29	24.1	23.9	21.2	21.1	15.7	15.3	15.6	15.3	---	---	25.1	24.2
30	24.0	24.0	21.1	20.8	15.9	15.7	16.0	15.6	---	---	24.5	23.0
31	24.0	23.9	---	---	15.9	15.9	16.2	16.0	---	---	23.0	22.5
MONTH	28.8	23.0	24.4	20.8	21.0	15.0	19.3	14.6	20.6	16.2	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	22.6	22.5	23.5	23.2	27.4	25.7	29.3	27.5	29.3	28.3	30.1	29.8
2	23.6	22.6	24.1	23.4	25.7	23.8	30.0	28.4	30.6	28.3	30.0	29.6
3	23.7	23.0	24.1	23.8	24.4	23.9	30.0	28.6	30.8	28.9	29.6	29.1
4	23.7	22.9	24.2	23.9	25.4	23.7	30.2	28.5	31.2	29.4	29.5	29.1
5	23.0	22.0	24.3	23.7	26.3	25.4	30.3	28.3	30.9	26.9	29.3	29.0
6	22.0	21.5	24.0	23.9	27.4	26.1	30.3	29.3	28.6	27.1	29.0	28.7
7	21.6	21.4	23.9	23.3	27.7	27.4	30.7	29.8	29.1	27.9	28.8	28.6
8	22.2	21.6	23.4	23.3	27.8	26.7	30.4	29.4	28.1	27.5	28.6	28.2
9	22.8	22.2	23.6	23.4	28.1	27.1	29.4	24.9	27.9	27.3	28.3	28.1
10	23.1	22.8	23.9	23.6	27.1	25.6	26.7	25.5	28.7	27.3	28.3	28.1
11	22.9	22.8	24.1	23.8	27.6	25.3	28.2	26.7	30.1	28.2	28.4	28.3
12	23.1	22.9	24.3	24.0	28.1	27.4	29.4	27.7	31.1	29.1	28.5	28.3
13	23.3	23.0	24.4	24.1	28.7	27.1	29.7	28.9	31.1	29.4	28.7	28.4
14	23.4	23.3	24.4	24.0	29.0	28.2	29.3	28.0	30.9	29.2	28.8	28.6
15	23.5	23.4	24.7	24.3	28.9	28.4	29.5	28.8	30.8	29.3	28.8	28.6
16	23.4	22.7	24.9	24.4	30.0	28.9	29.8	29.1	30.4	29.3	28.7	28.5
17	22.8	22.1	25.1	24.6	30.4	29.2	29.5	28.9	30.3	29.5	28.5	28.5
18	22.4	22.2	25.0	24.8	30.7	29.1	30.2	28.9	30.4	30.0	28.5	28.4
19	22.4	22.3	25.2	24.7	30.9	29.0	30.6	29.2	30.4	29.9	28.5	28.4
20	22.4	22.3	25.4	24.8	30.0	28.7	30.2	29.0	30.3	29.8	28.5	28.2
21	22.3	22.0	26.0	25.2	29.4	27.4	30.7	28.8	30.1	29.7	28.2	27.9
22	22.1	21.9	25.9	25.4	27.5	26.6	30.6	29.2	30.0	29.7	27.9	27.8
23	22.3	22.0	26.3	25.4	27.3	25.9	30.6	29.4	29.9	29.6	27.8	27.6
24	22.7	22.3	26.9	25.7	26.4	25.6	30.6	29.6	29.6	29.1	27.6	27.5
25	22.9	22.6	27.3	26.6	27.7	25.8	29.9	29.3	29.2	28.6	27.6	27.5
26	22.8	22.6	27.2	26.3	28.8	26.7	29.4	28.6	28.7	28.2	27.5	27.5
27	22.9	22.7	26.8	26.3	27.6	25.9	29.2	28.7	28.3	27.4	27.5	27.1
28	23.1	22.9	27.3	26.6	27.7	27.2	29.2	29.0	28.0	27.3	27.2	26.4
29	23.2	23.0	27.4	27.0	28.3	27.5	29.7	29.2	29.0	27.6	26.4	25.6
30	23.4	23.1	27.5	27.0	28.1	27.5	29.6	29.0	29.5	28.6	26.5	25.9
31	---	---	27.6	27.1	---	---	29.0	28.4	29.8	29.5	---	---
MONTH	23.7	21.4	27.6	23.2	30.9	23.7	30.7	24.9	31.2	26.9	30.1	25.6

02298123 PRAIRIE CREEK NEAR FORT OGDEN, FL.

LOCATION.--Lat 27°03'06", long 81°47'05" (1927 North American datum), in SE$^{1}/_{4}$ sec.26, T.39 S., R.25 E., De Soto County, Hydrologic Unit 03100101, near center of span on downstream side of bridge on State Highway 31, 0.4 mi downstream from Myrtle Slough, and 10.6 mi east of Fort Ogden.

DRAINAGE AREA.--233 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1963 to September 1968; October 1969 to September 1977 (gage heights and discharge measurements only); October 1977 to current year.

REVISED RECORDS.--W 1983: 1982 (M and daily).

GAGE.--Water-stage recorder. Datum of gage is 25.00 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,850	113	48	86	30	129	141	42	e270	1,830	818	341
2	1,730	103	50	79	34	103	131	46	e540	1,780	877	321
3	1,580	99	42	78	e28	81	144	38	e870	1,690	799	277
4	1,430	96	43	67	e26	81	139	48	1,520	1,570	702	232
5	1,260	91	42	64	e26	84	113	65	2,340	1,460	817	203
6	1,110	85	38	60	e21	77	98	83	2,970	1,260	1,080	175
7	928	82	35	57	e22	75	83	79	2,770	1,080	1,090	164
8	749	77	40	53	e21	58	96	64	2,400	943	1,060	142
9	633	71	37	51	e21	71	94	55	2,130	1,540	921	117
10	558	69	36	46	e21	117	83	45	2,000	2,140	797	100
11	500	66	37	43	e21	138	72	40	2,320	2,040	703	89
12	492	63	35	39	e19	146	67	e32	2,530	1,870	619	82
13	489	60	35	41	e18	138	58	e31	2,350	1,850	560	73
14	463	58	e36	55	e18	117	51	e31	2,210	2,140	515	65
15	428	60	e36	87	e22	93	46	e30	2,030	2,160	490	60
16	390	53	e36	115	e17	83	47	e29	1,840	1,840	461	54
17	349	50	e33	120	e18	e200	41	e34	1,610	e1,560	417	51
18	313	48	e35	95	e18	e540	39	e32	1,380	e1,340	366	46
19	275	49	31	81	e15	605	37	e26	1,160	e1,180	324	50
20	254	45	35	75	e15	584	37	e26	971	e1,020	274	45
21	238	44	e40	70	e15	524	e36	e24	1,360	864	242	44
22	218	43	e42	65	e15	458	e34	e24	1,450	750	285	56
23	202	41	35	61	e15	412	e33	e23	1,950	679	262	56
24	188	39	29	54	e16	380	e33	e22	1,810	599	254	55
25	179	40	39	62	e16	342	e35	e22	1,510	632	249	53
26	161	45	103	53	e36	302	e35	e23	1,420	828	294	59
27	150	43	148	44	61	254	e53	e28	1,870	941	326	207
28	138	60	134	38	107	221	60	32	1,760	937	449	200
29	131	66	124	36	---	199	54	28	1,830	788	452	174
30	126	53	103	35	---	171	45	26	1,860	725	395	155
31	117	---	93	32	---	149	---	39	---	732	345	---
TOTAL	17,629	1,912	1,650	1,942	712	6,932	2,035	1,167	53,031	40,768	17,243	3,746
MEAN	569	63.7	53.2	62.6	25.4	224	67.8	37.6	1,768	1,315	556	125
MAX	1,850	113	148	120	107	605	144	83	2,970	2,160	1,090	341
MIN	117	39	29	32	15	58	33	22	270	599	242	44
CFSM	2.44	0.27	0.23	0.27	0.11	0.96	0.29	0.16	7.59	5.64	2.39	0.54
IN.	2.81	0.31	0.26	0.31	0.11	1.11	0.32	0.19	8.47	6.51	2.75	0.60

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2005, BY WATER YEAR (WY)

MEAN	290	95.2	79.7	91.3	120	158	62.1	38.5	316	398	443	505
MAX	1,117	446	766	613	984	895	285	284	1,768	1,315	1,425	1,546
(WY)	(1980)	(2003)	(2003)	(1998)	(1983)	(1984)	(1987)	(1991)	(2005)	(2005)	(2004)	(1979)
MIN	21.4	7.86	4.66	4.08	5.80	4.35	3.07	1.21	3.88	27.2	78.7	93.2
(WY)	(1985)	(1982)	(1982)	(1965)	(1968)	(1968)	(1964)	(1985)	(1964)	(1981)	(1996)	(1968)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1964 - 2005	
ANNUAL TOTAL	120,032		148,767			
ANNUAL MEAN	328		408		217	
HIGHEST ANNUAL MEAN					457	1995
LOWEST ANNUAL MEAN					80.6	2000
HIGHEST DAILY MEAN	2,400	Aug 16	2,970	Jun 6	4,870	Aug 26, 1995
LOWEST DAILY MEAN	19	Apr 27	15	Feb 19	0.00	Jun 3, 1965
ANNUAL SEVEN-DAY MINIMUM	20	Apr 24	15	Feb 19	0.04	Jun 1, 1965
MAXIMUM PEAK FLOW			3,050	Jun 6	5,320	Aug 26, 1995
MAXIMUM PEAK STAGE			12.45	Jun 6	14.19	Oct 1, 1979
ANNUAL RUNOFF (CFSM)	1.41		1.75		0.931	
ANNUAL RUNOFF (INCHES)	19.16		23.75		12.64	
10 PERCENT EXCEEDS	1,290		1,510		644	
50 PERCENT EXCEEDS	90		91		65	
90 PERCENT EXCEEDS	34		30		7.6	

e Estimated

02298123 PRAIRIE CREEK NEAR FORT OGDEN, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--December 2001 to April 2004, June 2005 to September 2005.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located near the surface.

REMARKS.--Specific conductance and temperature records poor.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 1,620 microsiemens, June 2, 2002; minimum, 118 microsiemens, Dec. 11, 14, 2002.

TEMPERATURE.--Maximum, 33.0° C, July 17, 2002; minimum, 11.4° C, Jan. 5, 2002.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Maximum, 709 microsiemens, Sept. 19; minimum, 158 microsiemens, June 29.

TEMPERATURE.--Maximum, 34.0° C, Aug. 17m 18; minimum, 25.1° C, Sept. 28.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
PERIOD APRIL 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	---	---	198	172	244	228	466	417
2	---	---	---	---	---	---	215	198	248	225	436	414
3	---	---	---	---	---	---	245	215	263	248	452	434
4	---	---	---	---	---	---	267	244	275	262	---	---
5	---	---	---	---	---	---	279	267	273	181	---	---
6	---	---	---	---	---	---	282	276	221	175	---	---
7	---	---	---	---	---	---	294	281	238	221	---	---
8	---	---	---	---	---	---	321	294	277	237	---	---
9	---	---	---	---	---	---	307	231	310	277	521	512
10	---	---	---	---	246	237	231	193	312	305	528	519
11	---	---	---	---	269	246	211	194	319	309	538	519
12	---	---	---	---	279	263	226	208	331	319	551	537
13	---	---	---	---	285	274	237	226	341	321	572	547
14	---	---	---	---	291	280	235	224	348	341	595	570
15	---	---	---	---	298	286	240	223	360	346	601	588
16	---	---	---	---	318	294	254	234	386	359	599	590
17	---	---	---	---	341	316	269	253	402	386	613	597
18	---	---	---	---	351	341	284	269	413	402	626	605
19	---	---	---	---	371	350	311	284	429	408	709	619
20	---	---	---	---	381	340	330	302	430	415	649	636
21	---	---	---	---	340	278	302	283	447	428	641	622
22	---	---	---	---	289	249	318	292	459	419	664	611
23	---	---	---	---	249	194	360	316	431	410	650	635
24	---	---	---	---	247	204	377	360	467	431	652	638
25	---	---	---	---	280	243	367	256	467	446	642	630
26	---	---	---	---	285	240	256	235	469	454	648	543
27	---	---	---	---	248	227	235	211	461	429	633	420
28	---	---	---	---	227	172	230	213	439	407	469	419
29	---	---	---	---	174	158	252	230	423	405	512	465
30	---	---	---	---	172	160	256	244	454	418	526	498
31	---	---	---	---	---	---	256	244	470	454	---	---
MONTH	---	---	---	---	---	---	377	172	470	175	---	---

02298123 PRAIRIE CREEK NEAR FORT OGDEN, FL.—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
PERIOD APRIL 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	---	---	198	172	244	228	466	417
2	---	---	---	---	---	---	215	198	248	225	436	414
3	---	---	---	---	---	---	245	215	263	248	452	434
4	---	---	---	---	---	---	267	244	275	262	---	---
5	---	---	---	---	---	---	279	267	273	181	---	---
6	---	---	---	---	---	---	282	276	221	175	---	---
7	---	---	---	---	---	---	294	281	238	221	---	---
8	---	---	---	---	---	---	321	294	277	237	---	---
9	---	---	---	---	---	---	307	231	310	277	521	512
10	---	---	---	---	246	237	231	193	312	305	528	519
11	---	---	---	---	269	246	211	194	319	309	538	519
12	---	---	---	---	279	263	226	208	331	319	551	537
13	---	---	---	---	285	274	237	226	341	321	572	547
14	---	---	---	---	291	280	235	224	348	341	595	570
15	---	---	---	---	298	286	240	223	360	346	601	588
16	---	---	---	---	318	294	254	234	386	359	599	590
17	---	---	---	---	341	316	269	253	402	386	613	597
18	---	---	---	---	351	341	284	269	413	402	626	605
19	---	---	---	---	371	350	311	284	429	408	709	619
20	---	---	---	---	381	340	330	302	430	415	649	636
21	---	---	---	---	340	278	302	283	447	428	641	622
22	---	---	---	---	289	249	318	292	459	419	664	611
23	---	---	---	---	249	194	360	316	431	410	650	635
24	---	---	---	---	247	204	377	360	467	431	652	638
25	---	---	---	---	280	243	367	256	467	446	642	630
26	---	---	---	---	285	240	256	235	469	454	648	543
27	---	---	---	---	248	227	235	211	461	429	633	420
28	---	---	---	---	227	172	230	213	439	407	469	419
29	---	---	---	---	174	158	252	230	423	405	512	465
30	---	---	---	---	172	160	256	244	454	418	526	498
31	---	---	---	---	---	---	256	244	470	454	---	---
MONTH	---	---	---	---	---	---	377	172	470	175	---	---

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
NOV 30...	1010	3.99	54	--	7.0	7.5	628	19.9	.10	.32
FEB 08...	0932	3.45	--	766	7.9	7.1	759	17.1	E.03	.23
APR 12...	0912	4.28	74	760	6.9	7.8	769	22.6	.05	.19
MAY 18...	0745	3.50	--	--	--	--	--	--	.05	.27
JUL 20...	0750	10.00	--	--	3.0	7.3	326	30.5	.08	.08
AUG 31...	0745	7.41	357	--	5.1	7.9	467	29.6	.09	.18

02298123 PRAIRIE CREEK NEAR FORT OGDEN, FL.—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Total nitro-gen, wat unf by anal ysis, mg/L (62855)
NOV				
30...	E.007	.06	.06	1.34
FEB				
08...	.009	.02	--	--
APR				
12...	.010	.03	.11	1.32
MAY				
18...	.015	.03	.10	1.32
JUL				
20...	.008	.06	.15	1.51
AUG				
31...	.019	.02	.13	1.61

E--Estimated

02298123 PRAIRIE CREEK NEAR FORT OGDEN, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--June 1993 to September 30, 2005 (discontinued).

GAGE.--A 6-inch diameter, tipping bucket precipitation gage, mounted on top of gage house with the top of funnel 8 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2001 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.38	3.13	0.06	0.36	0.03
2	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.90	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.59	2.06	0.42	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.11	0.39	0.00	1.28	0.00
5	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.02	0.14	0.00	0.02	0.10
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.01
7	0.00	0.00	0.00	0.02	0.00	0.00	0.58	0.00	0.13	0.00	0.92	0.00
8	0.00	0.00	0.00	0.00	0.00	0.02	0.14	0.00	0.00	1.32	0.04	0.00
9	0.00	0.01	0.00	0.00	0.00	0.98	0.00	0.00	0.50	2.76	0.06	0.00
10	0.00	0.01	0.04	0.00	0.00	0.00	0.00	0.00	1.13	0.13	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.09	0.00	0.35	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.29	0.66	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.96	0.00	0.00
14	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00	0.02	0.33	0.01	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00
16	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
17	0.00	0.00	0.22	0.00	0.00	2.94	0.00	0.00	0.00	0.03	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.01	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00
20	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	1.94	0.01	0.00	0.10
21	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.48
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.16	0.00	0.01
23	0.00	0.00	0.02	0.00	0.00	0.14	0.00	0.00	0.27	0.00	0.25	0.00
24	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.01	0.28	0.00	0.00
25	0.00	0.22	0.22	0.00	0.10	0.00	0.00	0.25	0.00	0.15	0.48	0.02
26	0.00	0.00	0.00	0.00	0.00	0.00	0.01	1.03	2.61	0.00	0.00	2.03
27	0.00	0.52	0.00	0.00	1.74	0.00	1.27	0.00	0.02	0.03	0.65	0.96
28	0.00	0.72	0.00	0.00	0.04	0.12	0.00	0.00	0.36	0.00	0.00	0.01
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.25	0.01	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.79	0.16	0.00	0.02
31	0.00	---	0.00	0.00	---	0.00	---	1.27	---	0.82	0.02	---
TOTAL	0.02	1.54	0.56	0.66	1.88	4.50	2.78	3.87	17.26	8.52	5.17	3.77

CAL YR 2004 TOTAL 40.10
WTR YR 2005 TOTAL 50.53

02298124 PRAIRIE CREEK DOWNSTREAM NEAR FORT OGDEN, FL.

WATER-QUALITY RECORDS

LOCATION.--Lat 27° 03'04", long 81° 47'10" (1927 North American datum), in SE$^{1}/_{4}$ sec.26, T.39 S., R.25 E., De Soto County, Hydrologic Unit 03100101, on right bank, 700 ft downstream from bridge on State Higway 31, and 10.6 mi east of Fort Ogden.

DRAINAGE AREA.--244 mi^2.

PERIOD OF RECORD.--April 2004 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located near the surface.

REMARKS.--Specific conductance records fair and temperature records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 949 microsiemens, Feb. 2, 2005; minimum, 167 microsiemens, Aug. 17, 2004.

TEMPERATURE.--Maximum, 31.0° C, May 25, 2004; minimum, 12.3° C, Dec. 21, 2004 and Jan. 25, 2005.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Maximum, 949 microsiemens, Feb. 2; minimum, 183 microsiemens, Oct. 1.

TEMPERATURE.--Maximum, 31.0° C, May 25; minimum, 12.3° C, Dec. 21 & Jan. 25.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	192	183	---	---	666	656	663	649	760	742	749	728
2	198	192	---	---	824	656	678	660	949	748	733	685
3	208	198	---	---	677	665	828	675	769	741	688	678
4	225	207	---	---	674	659	702	692	758	731	683	663
5	259	225	---	---	686	660	707	697	757	729	668	655
6	281	259	---	---	700	677	721	703	759	729	685	664
7	303	281	---	---	717	694	728	718	756	736	731	681
8	337	303	---	---	912	700	733	724	763	743	760	728
9	354	336	---	---	713	689	766	714	867	751	764	720
10	370	353	---	---	706	692	745	710	775	752	741	717
11	394	369	---	---	703	693	737	714	765	744	741	690
12	375	367	---	---	700	685	732	713	769	741	693	677
13	389	372	---	---	909	688	888	723	769	738	689	679
14	392	386	---	---	705	696	852	684	789	754	707	683
15	438	388	---	---	702	693	699	663	779	750	736	703
16	410	396	590	580	700	690	678	662	769	745	747	608
17	410	399	597	589	697	687	780	671	768	752	772	588
18	459	408	615	594	692	684	677	667	760	741	608	449
19	425	419	779	598	691	681	675	665	760	742	508	465
20	456	423	622	609	706	688	804	663	767	743	554	506
21	449	439	618	610	719	700	700	661	827	750	563	548
22	457	448	623	613	735	715	675	667	801	778	593	560
23	456	453	629	621	943	729	695	670	791	758	613	580
24	462	453	634	626	747	725	716	692	766	748	615	581
25	526	459	633	622	726	671	883	702	778	753	596	581
26	471	465	785	624	711	663	861	709	770	749	648	594
27	475	464	640	607	761	668	744	711	753	704	618	607
28	488	474	653	607	698	667	749	717	786	725	679	609
29	490	381	771	642	752	654	746	722	---	---	677	620
30	383	252	660	647	658	645	753	731	---	---	654	639
31	---	---	---	---	659	650	761	739	---	---	655	634
MONTH	---	---	---	---	943	645	888	649	949	704	772	449

02298124 PRAIRIE CREEK DOWNSTREAM NEAR FORT OGDEN, FL.—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	735	653	745	731	748	481	---	---	---	---	---	---
2	676	653	868	735	481	293	---	---	---	---	---	---
3	659	651	755	720	362	324	---	---	---	---	---	---
4	739	647	732	695	343	255	---	---	---	---	---	---
5	679	660	821	712	255	215	---	---	---	---	---	---
6	689	672	753	710	215	191	---	---	---	---	---	---
7	692	670	773	751	---	---	---	---	---	---	---	---
8	779	669	770	750	---	---	---	---	---	---	---	---
9	682	673	835	739	---	---	---	---	---	---	---	---
10	697	679	757	739	---	---	---	---	---	---	---	---
11	705	690	756	739	---	---	---	---	---	---	---	---
12	823	688	758	721	---	---	---	---	---	---	---	---
13	714	700	775	754	---	---	---	---	---	---	---	---
14	812	700	770	760	---	---	---	---	---	---	---	---
15	817	722	787	755	---	---	---	---	---	---	---	---
16	776	719	883	723	---	---	---	---	---	---	---	---
17	748	720	788	711	---	---	---	---	---	---	---	---
18	804	747	855	788	---	---	---	---	---	---	---	---
19	766	753	860	760	---	---	---	---	---	---	---	---
20	835	752	782	747	---	---	---	---	---	---	---	---
21	757	750	786	760	---	---	---	---	---	---	---	---
22	762	751	772	752	---	---	---	---	---	---	---	---
23	764	747	767	740	---	---	---	---	---	---	---	---
24	775	763	782	743	---	---	---	---	---	---	---	---
25	792	769	789	767	---	---	---	---	---	---	---	---
26	792	777	778	691	---	---	---	---	---	---	---	---
27	886	729	750	720	---	---	---	---	---	---	---	---
28	780	725	773	732	---	---	---	---	---	---	---	---
29	744	722	798	765	---	---	---	---	---	---	---	---
30	753	741	815	788	---	---	---	---	---	---	---	---
31	---	---	868	701	---	---	---	---	---	---	---	---
MONTH	886	647	883	691	---	---	---	---	---	---	---	---

02298124 PRAIRIE CREEK DOWNSTREAM NEAR FORT OGDEN, FL.—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	30.5	28.8	---	---	23.1	20.9	19.5	17.8	19.5	16.6	22.4	20.1
2	30.2	28.7	---	---	22.1	20.6	19.6	17.7	20.1	17.5	21.1	18.7
3	29.8	28.1	---	---	21.7	19.8	19.8	17.9	21.3	18.9	19.8	16.6
4	29.8	27.8	---	---	19.8	17.7	19.9	18.1	20.5	16.7	19.2	15.9
5	29.6	28.1	---	---	20.0	17.5	20.7	18.5	17.6	14.7	19.8	17.3
6	29.3	27.8	---	---	21.5	19.1	21.6	19.5	18.7	16.1	20.4	17.3
7	28.2	26.6	---	---	21.8	20.2	22.6	20.6	19.6	17.2	21.2	18.7
8	27.0	25.2	---	---	22.1	20.8	22.5	20.3	19.8	17.4	21.2	19.7
9	27.4	25.3	---	---	23.4	21.1	22.1	20.0	20.7	17.5	20.2	16.9
10	27.0	25.6	---	---	23.0	21.8	21.7	19.7	20.3	18.3	19.1	16.1
11	26.5	25.6	---	---	22.5	19.8	21.6	19.3	18.7	15.8	19.0	16.9
12	26.9	25.1	---	---	19.8	17.2	21.5	19.3	16.7	13.8	20.1	17.6
13	27.6	26.0	---	---	18.2	15.3	22.7	20.4	17.6	14.1	21.3	18.0
14	27.3	25.6	---	---	18.8	16.2	22.2	20.7	19.5	15.9	22.5	19.4
15	26.6	25.3	---	---	16.2	13.2	20.7	19.3	20.7	17.5	23.4	21.2
16	25.3	23.0	22.1	20.2	15.6	12.6	19.8	17.7	21.6	18.3	25.1	22.4
17	24.8	22.0	21.8	19.6	16.7	15.3	17.7	15.5	21.8	18.8	24.3	21.1
18	25.8	23.0	22.2	20.0	18.6	16.6	15.8	13.6	21.5	19.2	21.5	19.4
19	26.6	24.7	22.1	19.8	18.0	16.7	15.3	13.3	20.3	17.3	20.7	18.6
20	26.9	25.2	22.6	20.4	16.7	13.8	15.1	13.3	20.9	17.6	21.4	18.8
21	27.2	25.7	23.0	20.6	15.1	12.3	16.4	13.8	21.6	18.6	22.7	20.3
22	27.1	25.7	23.2	21.0	17.4	14.4	18.1	15.2	22.3	19.8	24.5	21.9
23	26.4	25.0	23.3	21.4	18.7	16.3	18.6	16.2	23.3	20.9	24.3	23.3
24	25.9	24.3	24.1	22.0	19.1	18.3	16.2	12.8	23.1	20.7	24.0	22.4
25	26.0	24.2	24.2	22.5	18.3	16.5	15.5	12.3	22.2	21.1	26.2	23.4
26	25.9	24.5	22.5	19.7	16.8	15.7	16.9	13.6	22.9	20.9	27.6	25.1
27	25.7	24.1	21.6	19.2	15.7	13.7	18.6	15.6	22.5	21.4	27.6	25.6
28	25.1	23.5	22.6	20.7	15.1	13.7	19.1	17.1	22.9	21.3	26.8	24.4
29	25.4	23.6	21.6	19.6	16.4	14.3	19.7	17.5	---	---	25.0	22.0
30	25.6	24.0	21.7	19.5	17.5	15.1	20.7	18.2	---	---	24.9	21.0
31	---	---	---	---	18.9	16.8	20.0	17.8	---	---	26.2	23.2
MONTH	---	---	---	---	23.4	12.3	22.7	12.3	23.3	13.8	27.6	15.9
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	27.4	24.3	27.1	24.5	28.6	24.9	---	---	---	---	---	---
2	26.8	24.0	27.1	23.9	24.9	24.0	---	---	---	---	---	---
3	24.0	21.3	27.3	24.8	24.5	24.1	---	---	---	---	---	---
4	23.6	19.8	26.1	23.9	26.2	23.7	---	---	---	---	---	---
5	24.8	21.1	24.4	22.9	27.3	25.7	---	---	---	---	---	---
6	25.2	22.2	25.8	23.3	29.1	26.6	---	---	---	---	---	---
7	25.2	22.6	26.5	22.3	---	---	---	---	---	---	---	---
8	25.7	22.9	27.2	22.9	---	---	---	---	---	---	---	---
9	25.3	22.5	28.0	23.3	---	---	---	---	---	---	---	---
10	26.2	22.6	28.1	24.2	---	---	---	---	---	---	---	---
11	26.7	22.7	27.9	24.7	---	---	---	---	---	---	---	---
12	26.1	22.8	28.0	24.2	---	---	---	---	---	---	---	---
13	26.7	24.0	28.0	24.1	---	---	---	---	---	---	---	---
14	25.6	22.0	27.8	23.6	---	---	---	---	---	---	---	---
15	24.4	21.5	28.5	24.8	---	---	---	---	---	---	---	---
16	24.4	20.1	29.1	25.4	---	---	---	---	---	---	---	---
17	24.5	19.5	29.8	25.7	---	---	---	---	---	---	---	---
18	25.0	20.3	29.9	26.4	---	---	---	---	---	---	---	---
19	25.5	21.5	29.4	25.5	---	---	---	---	---	---	---	---
20	24.2	21.8	30.1	24.8	---	---	---	---	---	---	---	---
21	25.8	21.1	30.3	26.1	---	---	---	---	---	---	---	---
22	26.8	22.8	30.8	26.4	---	---	---	---	---	---	---	---
23	26.9	22.8	30.4	26.7	---	---	---	---	---	---	---	---
24	26.1	22.4	30.7	26.0	---	---	---	---	---	---	---	---
25	25.2	19.9	31.0	26.8	---	---	---	---	---	---	---	---
26	26.1	21.1	29.0	26.1	---	---	---	---	---	---	---	---
27	26.3	22.5	29.8	25.7	---	---	---	---	---	---	---	---
28	26.6	22.3	30.4	26.9	---	---	---	---	---	---	---	---
29	27.9	23.1	30.6	26.9	---	---	---	---	---	---	---	---
30	27.9	23.9	30.9	27.5	---	---	---	---	---	---	---	---
31	---	---	29.9	26.2	---	---	---	---	---	---	---	---
MONTH	27.9	19.5	31.0	22.3	---	---	---	---	---	---	---	---

02298170 PRAIRIE CREEK ON CR 764 NEAR PUNTA GORDA, FL.

LOCATION.--Lat 26° 59'25", long 81° 53'41" (1983 North American datum), in SE$^{1}/_{4}$ sec.15, T.40 S., R.24 E., Charlotte County, Hydrologic Unit 03100101, near center of downstream side of bridge on Washington Loop Road, 6.1 mi from intersection of U.S. 17 and Washington Loop Road, and 10 mi northeast of Punta Gorda.

DRAINAGE AREA.--260 mi^2.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--February 2004 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage has not been determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, undetermined; minimum, 15.74 ft, Dec. 15, Feb. 20, Apr. 27, May 25-27.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.54	15.95	15.84	15.89	15.79	15.98	16.03	15.83	16.12	20.14	17.51	16.29
2	19.51	15.93	15.85	15.88	15.78	15.98	16.06	15.83	16.91	20.03	17.74	16.29
3	19.37	15.92	15.85	15.87	15.80	15.92	16.05	15.82	17.75	19.94	17.82	16.22
4	19.17	15.93	15.83	15.86	15.79	15.91	16.04	15.85	18.78	19.84	17.63	16.14
5	18.94	15.93	15.83	15.85	15.79	15.92	16.01	15.90	19.87	19.68	17.51	16.09
6	18.67	15.92	15.83	15.85	15.79	15.90	15.96	15.92	20.81	19.37	17.91	16.07
7	18.38	15.91	15.82	15.85	15.79	15.90	15.94	15.92	---	18.92	18.34	16.05
8	18.01	15.91	15.83	15.84	15.79	15.90	15.97	15.90	---	18.52	18.60	16.03
9	17.57	15.89	15.84	15.83	15.79	15.90	15.97	15.88	---	19.78	18.54	16.01
10	17.17	15.86	15.82	15.83	15.80	15.96	15.95	15.87	---	20.85	18.26	15.99
11	16.90	15.84	15.82	15.81	15.80	16.01	15.92	15.85	21.24	21.12	17.84	15.97
12	16.78	15.85	15.81	15.80	15.79	16.00	15.90	15.84	---	20.90	17.52	15.96
13	16.74	15.84	15.80	15.79	15.78	16.00	15.91	15.82	---	20.44	17.25	15.95
14	16.68	15.83	15.79	15.86	15.78	15.98	15.90	15.80	---	20.26	16.97	15.94
15	16.56	15.82	15.76	15.92	15.77	15.93	15.88	15.80	---	20.49	16.77	15.93
16	16.47	15.81	15.76	15.95	15.77	15.90	15.87	15.81	20.73	20.51	16.68	15.92
17	16.38	15.81	15.76	15.96	15.78	16.28	15.86	15.84	---	20.03	16.58	15.91
18	16.31	15.82	15.77	15.95	15.78	17.16	15.85	15.81	---	19.48	16.47	15.89
19	16.26	15.82	15.78	15.92	15.76	17.35	15.84	15.79	---	19.00	16.36	15.88
20	16.21	15.82	15.78	15.90	15.75	17.35	15.82	15.78	---	18.57	16.28	15.87
21	16.18	15.82	15.77	15.90	15.75	17.21	15.83	15.78	---	18.20	16.22	15.86
22	16.15	15.82	15.76	15.89	15.76	16.96	15.83	15.78	19.33	17.87	16.19	15.87
23	16.11	15.82	15.77	15.88	15.76	16.71	15.83	15.77	19.40	17.57	16.19	15.88
24	16.09	15.82	15.79	15.86	15.76	16.57	15.82	15.76	20.00	17.33	16.15	15.87
25	16.07	15.83	15.85	15.86	15.77	16.48	15.81	15.76	20.00	17.25	16.16	15.85
26	16.05	15.83	15.94	15.87	15.77	16.39	15.77	15.74	19.49	17.38	16.18	15.87
27	16.02	15.83	15.96	15.86	15.88	16.29	15.82	15.76	19.90	17.80	16.25	16.06
28	16.01	15.87	15.99	15.84	15.95	16.21	15.84	15.77	20.49	17.98	16.39	16.23
29	15.99	15.87	15.96	15.81	---	16.15	15.85	15.77	20.24	17.94	16.58	16.18
30	15.98	15.86	15.94	15.81	---	16.10	15.83	15.77	20.18	17.61	16.51	16.14
31	15.97	---	15.91	15.81	---	16.06	---	15.83	---	17.45	16.37	---
MEAN	17.04	15.86	15.83	15.86	15.79	16.27	15.90	15.82	---	19.10	17.02	16.01
MAX	19.54	15.95	15.99	15.96	15.95	17.35	16.06	15.92	---	21.12	18.60	16.29
MIN	15.97	15.81	15.76	15.79	15.75	15.90	15.77	15.74	---	17.25	16.15	15.85

02298170 PRAIRIE CREEK ON CR 764 NEAR PUNTA GORDA, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 2004 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors.

REMARKS.--Specific conductance and temperature records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 946 microsiemens, Feb. 21, 22; minimum, 202 microsiemens, Oct. 1.

TEMPERATURE.--Maximum, 32.8° C, Aug. 19; minimum, 13.7° C, Jan. 26.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Maximum, 888 microsiemens, Apr. 29; minimum, 205 microsiemens, July 11, 12.

TEMPERATURE.--Maximum, 31.7° C, July 24; minimum, 14.3° C, Dec. 28.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	202	198	563	549	784	741	739	718	823	816	938	884
2	212	201	577	562	772	744	729	720	824	815	912	861
3	217	211	609	562	748	736	733	720	827	815	908	857
4	230	217	---	---	766	748	740	729	832	820	857	812
5	250	230	---	---	809	758	794	728	881	814	815	803
6	274	249	---	---	781	764	764	755	850	837	816	801
7	294	274	614	604	766	758	837	760	875	838	797	790
8	320	294	630	611	781	758	826	788	868	847	831	792
9	349	320	633	628	777	761	861	797	857	844	905	830
10	375	349	631	626	814	775	816	795	855	834	882	853
11	396	375	640	627	874	810	801	767	850	838	881	846
12	426	396	654	639	837	766	785	767	849	837	860	812
13	415	403	654	645	783	761	775	765	882	837	819	806
14	428	407	657	651	786	781	798	769	848	826	806	---
15	433	423	663	652	782	778	808	759	857	843	---	---
16	459	433	677	663	813	775	824	755	883	846	---	---
17	452	443	685	657	817	767	765	734	882	840	760	---
18	464	450	694	662	770	765	785	743	845	832	579	501
19	489	458	680	668	772	756	785	743	876	842	554	512
20	485	471	692	680	757	745	757	745	879	869	543	522
21	498	475	695	686	777	753	757	749	946	879	581	543
22	509	491	732	688	777	758	798	749	946	895	609	581
23	516	498	729	722	759	739	769	756	895	869	621	608
24	511	501	727	706	767	743	756	745	878	866	642	621
25	514	509	720	703	819	765	776	749	881	872	646	636
26	545	508	712	705	847	739	848	776	899	879	650	636
27	531	514	726	706	768	724	894	834	897	863	674	650
28	525	513	725	699	779	738	874	809	918	873	667	660
29	530	520	725	703	806	765	841	818	---	---	695	665
30	542	528	747	715	769	733	826	814	---	---	701	676
31	550	534	---	---	760	717	830	822	---	---	710	699
MONTH	550	198	---	---	874	717	894	718	946	814	---	---

02298170 PRAIRIE CREEK ON CR 764 NEAR PUNTA GORDA, FL.—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	703	696	799	785	807	659	221	208	273	264	501	483
2	737	700	811	791	659	441	238	221	282	254	505	464
3	731	724	816	808	441	384	249	238	272	253	474	459
4	726	709	---	---	384	339	273	248	289	272	494	474
5	740	703	---	---	339	273	287	273	297	285	512	492
6	733	723	---	---	273	242	297	287	305	215	580	512
7	748	727	---	---	242	218	308	295	231	214	565	540
8	756	736	---	---	232	219	316	307	243	226	551	540
9	788	745	---	---	256	232	307	209	268	243	563	544
10	788	755	---	801	270	255	234	212	287	266	568	552
11	759	751	801	783	278	267	212	205	296	286	574	565
12	762	754	807	787	288	272	226	205	319	295	578	572
13	775	758	803	790	272	244	245	226	336	317	589	574
14	831	757	802	789	290	262	248	238	364	329	598	581
15	797	774	799	787	300	290	238	225	374	355	625	585
16	805	777	807	794	307	300	243	225	400	367	632	624
17	827	799	829	797	---	---	266	243	418	389	641	629
18	822	796	826	818	---	---	285	266	437	411	645	638
19	796	787	852	816	---	---	301	285	445	428	647	638
20	802	788	845	811	---	---	328	301	482	440	665	647
21	847	802	834	812	---	---	335	304	470	454	757	665
22	854	847	842	832	317	288	311	300	493	468	749	704
23	867	849	841	824	291	240	338	310	494	462	719	675
24	864	830	844	832	240	224	354	328	473	449	696	670
25	833	823	851	837	264	229	360	342	518	473	701	692
26	837	829	856	847	283	264	352	281	533	481	705	668
27	832	815	858	849	281	235	281	252	512	499	683	583
28	838	813	863	851	248	235	254	234	502	444	655	536
29	888	831	860	842	241	215	246	234	445	420	551	529
30	836	799	845	828	216	208	267	246	448	420	577	531
31	---	---	831	796	---	---	273	263	484	448	---	---
MONTH	888	696	---	---	---	---	360	205	533	214	757	459

02298170 PRAIRIE CREEK ON CR 764 NEAR PUNTA GORDA, FL.—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.3	28.4	25.4	24.9	21.6	20.5	18.7	17.4	19.3	18.7	21.9	21.0
2	29.3	28.6	25.8	25.0	21.5	20.9	19.3	18.4	19.3	18.7	21.2	19.6
3	29.0	28.3	25.9	25.0	21.5	20.8	19.6	18.5	20.1	18.9	19.6	17.4
4	28.8	28.0	26.1	25.1	21.1	20.1	19.8	18.6	19.5	18.6	18.0	16.8
5	28.8	28.1	25.5	24.3	20.1	19.3	19.8	18.7	19.1	17.9	18.4	17.1
6	28.7	28.1	24.3	23.1	19.6	19.1	20.4	19.0	18.4	17.4	19.2	17.6
7	28.1	27.0	23.5	22.2	20.0	19.4	21.4	19.9	18.5	17.2	20.1	18.6
8	27.0	26.0	22.8	21.5	20.9	19.8	22.1	20.7	18.5	17.3	20.6	19.2
9	26.5	25.9	22.0	21.1	22.0	20.6	21.7	20.7	19.6	17.7	19.7	18.3
10	26.6	25.9	22.4	21.1	22.3	21.6	21.2	20.3	19.5	18.1	18.3	17.3
11	26.4	25.7	22.8	21.6	22.4	21.4	20.9	20.1	18.6	17.5	18.1	16.9
12	26.5	25.6	22.9	21.8	21.4	20.1	20.7	19.9	17.9	16.9	18.6	17.8
13	26.9	25.8	23.3	21.9	20.1	18.8	21.1	20.3	18.1	16.3	19.4	18.0
14	27.1	26.1	23.2	22.4	18.8	17.4	21.4	20.9	18.4	16.0	20.0	19.4
15	26.6	25.5	23.1	22.2	17.4	16.0	21.0	20.1	18.7	16.3	---	---
16	25.5	24.3	22.6	21.8	16.3	15.2	20.1	18.7	20.0	16.7	---	---
17	24.3	23.0	22.0	21.1	15.8	15.2	18.7	16.8	21.3	18.1	23.0	20.9
18	25.1	23.0	21.6	20.8	16.3	15.5	16.8	15.2	20.5	19.0	20.9	19.8
19	25.9	24.3	21.2	20.6	16.9	16.0	15.2	14.7	20.0	19.0	20.2	19.3
20	26.5	25.1	21.3	20.7	17.0	16.2	14.7	14.0	20.3	19.1	20.0	19.3
21	26.7	25.6	21.5	20.8	16.4	15.3	15.2	14.0	21.7	19.3	21.1	19.7
22	26.8	25.8	22.0	21.3	16.1	15.1	16.4	14.8	22.1	19.6	23.1	21.0
23	26.5	25.4	22.4	21.7	16.3	15.5	17.8	16.0	21.9	20.3	23.7	22.8
24	26.0	24.9	23.3	22.0	17.1	16.1	17.0	15.8	22.5	20.5	23.7	23.0
25	25.6	24.7	23.5	22.5	17.4	16.9	15.8	14.7	21.8	21.0	24.7	23.2
26	25.4	24.7	22.8	22.0	17.5	16.5	15.7	13.7	22.1	21.4	26.3	24.4
27	25.3	24.6	22.0	21.2	16.5	15.1	16.7	14.6	22.0	21.7	26.6	25.4
28	25.0	24.3	21.5	20.9	15.1	14.3	17.7	16.1	22.5	21.5	26.2	25.3
29	24.7	24.3	21.6	20.5	15.6	14.7	18.9	17.4	---	---	25.3	23.5
30	24.9	24.6	21.5	20.4	16.4	15.5	19.8	18.6	---	---	24.0	22.0
31	25.1	24.6	---	---	17.4	16.4	19.7	19.0	---	---	24.5	22.8
MONTH	29.3	23.0	26.1	20.4	22.4	14.3	22.1	13.7	22.5	16.0	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.5	24.3	26.3	25.3	28.8	25.7	29.8	28.5	29.9	29.3	30.8	29.8
2	25.8	24.9	26.3	25.4	25.7	24.4	29.7	29.1	30.5	29.9	31.0	29.7
3	24.9	23.0	26.0	25.3	24.5	24.2	30.1	29.1	31.0	30.4	31.0	29.7
4	23.0	21.4	25.9	25.2	25.0	24.0	30.5	29.4	31.5	30.9	30.9	29.6
5	22.2	21.4	25.3	24.3	26.2	25.0	30.8	29.8	30.9	29.6	30.6	29.2
6	23.2	22.2	24.7	23.7	27.6	26.0	31.3	30.4	29.8	28.7	29.7	28.6
7	23.9	23.0	25.2	23.6	28.7	27.3	31.4	30.9	29.9	29.2	29.2	28.4
8	24.6	23.3	26.0	23.8	29.5	28.2	31.5	30.5	29.2	28.4	29.1	28.6
9	24.6	23.7	26.4	24.2	29.1	28.7	30.5	26.5	28.6	28.3	29.0	28.3
10	24.5	23.6	26.5	24.7	28.8	27.0	26.6	26.1	29.8	28.6	29.5	28.8
11	25.2	23.5	26.3	25.2	27.4	26.4	28.4	26.6	30.7	29.8	29.9	29.3
12	25.7	23.8	26.7	25.6	28.0	27.2	30.0	28.2	31.6	30.6	30.1	29.2
13	25.8	24.2	26.7	25.6	29.2	27.4	30.8	29.6	31.9	31.0	30.1	29.0
14	25.5	23.9	26.9	25.6	30.1	28.8	30.7	29.7	32.0	31.0	29.8	28.7
15	24.5	23.1	27.4	25.8	30.3	29.3	30.7	29.4	31.6	30.6	29.7	28.4
16	23.9	22.4	27.9	26.0	30.8	29.8	30.9	29.8	32.1	30.4	29.5	28.0
17	22.9	21.4	28.1	26.3	---	---	30.9	30.0	32.6	31.0	29.6	28.2
18	22.7	21.4	28.3	27.0	---	---	30.7	30.1	32.6	31.0	29.8	28.4
19	23.0	21.9	28.5	27.1	---	---	30.8	30.3	32.8	30.8	29.8	28.7
20	22.9	22.4	29.0	27.1	---	---	30.6	30.2	32.5	30.7	29.5	28.5
21	23.6	22.1	30.6	27.2	---	---	31.1	30.5	32.5	31.0	29.0	27.9
22	24.6	22.5	30.0	27.5	27.2	27.0	31.1	30.8	32.1	30.8	28.1	27.4
23	25.4	22.9	30.0	27.7	27.1	26.2	31.3	30.8	31.6	29.9	27.7	27.0
24	25.0	23.0	30.2	27.7	26.3	25.6	31.7	30.3	31.0	29.3	28.3	27.0
25	24.5	22.6	30.6	28.3	27.6	25.9	30.3	29.8	31.0	29.7	28.7	27.3
26	25.3	22.9	29.7	28.3	28.8	27.4	30.1	29.7	30.0	28.5	28.6	27.8
27	25.5	23.1	29.5	27.8	28.8	27.7	30.6	30.1	28.9	27.8	28.0	26.9
28	25.1	23.5	29.9	27.5	28.4	27.7	31.1	30.5	28.6	27.2	26.9	26.2
29	26.0	23.7	29.6	27.5	28.8	28.3	31.0	30.4	29.6	27.7	27.6	25.7
30	26.7	24.4	30.8	27.9	29.0	28.2	30.5	29.2	30.6	28.8	28.6	26.7
31	---	---	29.3	28.0	---	---	29.8	29.1	31.3	29.6	---	---
MONTH	26.7	21.4	30.8	23.6	---	---	31.7	26.1	32.8	27.2	31.0	25.7

02298202 SHELL CREEK NEAR PUNTA GORDA, FL.

LOCATION.--Lat 26° 59'04", long 81° 56'09" (1927 North American datum), in NW1/4 sec.20, T.40 S., R.24 E., Charlotte County, Hydrologic Unit 03100101, near left bank 60 ft upstream from dam, 1.0 mi upstream from Myrtle Slough, 6.0 mi upstream from mouth, and 7.7 mi northeast of Punta Gorda.

DRAINAGE AREA.--373 mi^2.

PERIOD OF RECORD.--January 1965 to September 1987; October 1987 to September 1994 (gage heights only), October 1994 to current year.
REVISED RECORDS.--WRD FL-95-3A: 1995 CFSM, IN. WRD FL-96-3A: 1996 October adjusted mean, (M).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark).

REMARKS.--Records fair. Flow regulated by concrete dam. Diversion by city of Punta Gorda for water supply.

REVISIONS.--Water year 1998 adjusted mean 1.28 ft^3/s is in error. Corrected number is 128 ft^3/s.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,990	177	76	112	55	163	269	76	329	2,590	1,100	281
2	1,940	161	78	102	51	164	270	74	885	2,460	1,230	276
3	1,810	148	80	97	57	144	270	74	1,490	2,360	1,300	248
4	1,670	151	71	92	57	138	265	90	2,440	2,300	1,220	213
5	1,510	152	71	87	60	134	248	119	3,190	2,230	1,300	186
6	1,360	145	74	88	57	130	206	133	3,750	2,020	1,510	169
7	1,210	142	67	87	56	124	171	135	3,900	1,770	1,690	158
8	1,040	137	67	79	56	116	182	122	3,860	1,580	1,860	151
9	874	132	70	77	56	130	178	107	3,540	3,210	1,790	143
10	723	110	56	76	59	161	169	100	3,370	4,260	1,580	134
11	617	93	51	69	56	181	147	93	4,040	4,160	1,280	126
12	575	94	51	63	54	182	125	90	4,380	4,000	1,080	120
13	543	91	51	57	49	181	129	74	5,140	3,260	938	116
14	523	87	46	97	49	166	120	61	4,230	3,080	766	112
15	484	70	38	124	45	139	112	56	3,350	3,060	624	108
16	453	66	37	136	43	117	100	69	2,900	3,050	548	107
17	417	65	39	144	43	485	91	86	2,550	2,690	471	99
18	390	69	43	141	47	1,290	84	66	2,210	2,260	399	86
19	365	71	42	126	42	1,220	72	55	1,900	1,920	332	82
20	338	72	44	120	36	1,070	58	49	1,640	1,660	277	80
21	326	71	43	116	35	952	56	47	1,560	1,430	229	72
22	311	75	40	108	44	836	51	50	1,830	1,240	211	72
23	279	77	43	99	44	680	51	43	2,000	1,090	215	78
24	265	73	51	96	44	603	43	39	2,310	997	205	68
25	254	74	96	93	53	541	45	34	2,420	979	220	60
26	244	70	122	98	53	485	44	33	2,130	1,010	243	74
27	226	72	141	97	124	435	69	37	2,680	1,180	278	151
28	218	98	155	87	143	369	83	44	2,980	1,290	320	258
29	209	92	149	66	---	344	86	47	2,800	1,290	390	256
30	201	88	139	62	---	314	78	43	2,670	1,160	371	236
31	195	---	125	64	---	288	---	94	---	1,070	315	---
TOTAL	21,560	3,023	2,256	2,960	1,568	12,282	3,872	2,240	82,474	66,656	24,292	4,320
MEAN	695	101	72.8	95.5	56.0	396	129	72.3	2,749	2,150	784	144
MAX	1,990	177	155	144	143	1,290	270	135	5,140	4,260	1,860	281
MIN	195	65	37	57	35	116	43	33	329	979	205	60

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 2005, BY WATER YEAR (WY)

MEAN	485	173	166	166	176	248	98.9	76.5	548	687	715	782
MAX	1,707	842	1,552	902	1,391	1,320	499	251	2,749	2,485	2,028	2,325
(WY)	(1996)	(2003)	(2003)	(1970)	(1983)	(1984)	(1970)	(1997)	(2005)	(1974)	(1995)	(1979)
MIN	50.7	42.2	12.0	0.00	0.00	9.08	0.20	0.00	11.1	87.4	157	144
(WY)	(1973)	(2001)	(2001)	(1965)	(1965)	(1981)	(1975)	(1967)	(2000)	(1981)	(1972)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1965 - 2005	
ANNUAL TOTAL	155,466		227,503			
ANNUAL MEAN	425		623		365	
HIGHEST ANNUAL MEAN					783	1995
LOWEST ANNUAL MEAN					138	1985
HIGHEST DAILY MEAN	2,560	Aug 16	5,140	Jun 13	7,590	Aug 26, 1995
LOWEST DAILY MEAN	19	Jun 2	33	May 26	0.00	Jan 1, 1965
ANNUAL SEVEN-DAY MINIMUM	27	May 28	40	May 23	0.00	Jan 1, 1965
MAXIMUM PEAK FLOW			5,350	Jun 13	8,650	Jun 23, 1995
MAXIMUM PEAK STAGE			7.13	Jun 13	7.86	Jun 23, 1995
10 PERCENT EXCEEDS	1,690		2,160		989	
50 PERCENT EXCEEDS	132		141		137	
90 PERCENT EXCEEDS	49		51		18	

02298202 SHELL CREEK NEAR PUNTA GORDA, FL.

PRECIPITATION DATA

PERIOD OF RECORD.--May 1995 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15-minute interval, mounted on wood piling with the top of funnel 6 ft above structure wing wall.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2002 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.42	0.00	0.00	0.08
2	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00	0.03	0.22	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.01	0.57	0.11	0.00
4	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.51	0.01	0.10	0.78	0.00
5	0.00	0.04	0.00	0.00	0.00	0.03	0.00	0.02	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
7	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.00	0.01	0.00	1.21	0.04
8	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.05	1.78	0.28	0.00
9	0.00	0.01	0.00	0.00	0.00	0.83	0.00	0.00	0.01	1.98	0.01	0.00
10	0.00	0.02	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.00
11	0.08	0.00	0.01	0.00	0.00	0.00	0.00	0.11	0.04	0.10	0.00	0.00
12	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	1.15	0.00
13	0.03	0.00	0.00	0.01	0.00	0.00	0.25	0.00	0.00	0.11	0.00	0.00
14	0.07	0.03	0.00	0.31	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
15	0.06	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.16	0.01	0.07	0.00	0.00
17	0.00	0.00	0.14	0.00	0.00	3.57	0.00	0.00	0.00	0.05	0.04	0.00
18	0.00	0.00	0.06	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.08	0.00	0.19
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.34
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.67	0.05
23	0.00	0.00	0.01	0.00	0.00	0.11	0.03	0.00	1.18	0.00	0.35	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.14	0.00	0.00
25	0.00	0.25	0.80	0.00	0.09	0.00	0.00	0.00	0.00	0.01	0.26	0.00
26	0.00	0.00	0.02	0.00	0.04	0.00	0.00	0.02	0.01	0.08	0.09	1.15
27	0.00	0.04	0.00	0.00	1.05	0.00	1.10	0.00	0.04	0.00	1.07	0.00
28	0.00	0.08	0.00	0.00	0.00	0.04	0.00	0.00	0.49	0.14	0.01	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.41	0.00	0.00	0.62
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.10	0.06	0.00
31	0.00	---	0.00	0.00	---	0.00	---	1.34	---	0.00	0.01	---
TOTAL	0.37	0.47	1.18	0.33	1.18	4.65	2.90	3.50	3.49	6.46	8.10	2.48

WTR YR 2005 TOTAL 35.11

02298208 SHELL CREEK TIDAL (2.8) NEAR PUNTA GORDA, FL

LOCATION.--Lat 26° 58'18", long 81° 58'10" (1927 North American datum), in NE1/ 4 sec.25, T.40 S., R.23 E., Charlotte County, Hydrologic Unit 03100101, on left bank, on private concrete dock on Riverside Drive, 2.8 mi upstream from mouth, and 7.0 mi north of Punta Gorda.

DRAINAGE AREA.--421 mi^2.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--March 1997 to September 2003 (gage-heights only); October 2003 to current year (tidal high-high and low-low only); discontinued.

GAGE.--Water-stage recorder. Datum of gage is 8.74 ft below National Geodetic Vertical Datum of 1929.

REMARKS.--Interruptions in record were due to days in which a tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low. The extremes for periods published previously as maximum and minimum gage heights are equivalent to tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 14.59 ft, Sept. 14, 2001; minimum, 6.59 ft, Oct. 23, 1998.

EXTREMEMS FOR WATER YEAR 2004.--Maximum gage height, 14.08 ft, Sept. 26; minimum, 6.91 ft, Jan. 7.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.54 ft, Dec. 26; minimum, 6.66 ft, Dec. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	---	---			10.12	7.74			---	---			9.97	8.21			---	---			9.96	8.16		
2	---	---			10.08	8.19			---	---			10.14	8.02			---	---			9.83	8.04		
3	---	---			10.58	8.90			---	---			9.76	7.99			---	---			9.63	7.83		
4	---	---			10.81	8.91			10.24	8.36			10.35	8.03			---	---			10.33	8.12		
5	---	---			10.71	9.05			10.72	8.50			10.67	8.07			---	---			10.60	8.35		
6	---	---			10.71	8.86			10.30	7.77			10.68	8.00			---	---			10.79	8.54		
7	---	---			10.69	8.73			9.45	7.46			---	6.91			---	---			10.43	8.23		
8	---	---			10.78	8.38			10.15	7.84			9.43	7.45			---	---			10.17	8.02		
9	10.76	8.90			10.55	7.98			10.31	7.82			10.79	8.38			---	---			10.29	8.11		
10	10.78	8.74			9.65	7.70			10.75	8.50			11.24	8.07			---	---			10.09	8.51		
11	10.84	8.76			10.43	7.82			9.59	8.23			9.33	7.28			---	---			10.12	7.53		
12	11.02	8.85			10.60	8.12			10.40	8.13			9.75	7.95			---	---			10.66	7.89		
13	10.86	8.71			10.94	8.42			10.19	8.25			10.01	8.26			---	---			10.11	8.01		
14	10.95	9.14			---	7.85			10.81	9.03			10.27	8.42			---	---			10.35	7.58		
15	10.87	8.40			10.46	8.41			9.56	7.83			10.28	8.75			---	---			10.77	7.74		
16	9.93	8.13			10.18	8.54			10.32	8.48			10.51	8.27			---	---			10.83	8.20		
17	10.43	8.66			10.07	8.36			10.44	8.85			10.91	8.08			---	---			9.98	8.31		
18	---	8.35			10.52	9.06			10.42	8.06			10.34	8.60			---	---			10.27	7.90		
19	10.16	8.41			---	---			---	8.23			---	---			---	---			10.52	8.21		
20	10.45	8.25			---	---			10.16	7.88			---	---			---	---			10.25	8.19		
21	10.67	8.74			---	---			9.75	7.30			---	---			---	---			10.39	8.40		
22	10.66	8.80			---	---			9.99	7.31			---	---			---	---			10.23	8.38		
23	10.93	9.06			---	---			10.71	7.83			---	---			---	---			9.23	7.47		
24	10.62	8.63			---	---			11.18	8.17			---	---			10.87	8.71			9.18	7.56		
25	10.66	8.16			---	---			10.80	7.84			---	---			10.87	8.62			10.05	7.67		
26	10.70	8.12			---	---			10.24	7.56			---	---			10.78	8.93			9.84	7.88		
27	---	---			---	---			9.97	7.81			---	---			9.27	8.66			10.15	7.80		
28	11.59	8.90			---	---			9.90	8.13			---	---			9.63	7.41			9.88	8.16		
29	11.32	8.08			---	---			10.20	8.56			---	---			9.99	7.53			10.08	8.07		
30	10.56	7.65			---	---			10.38	8.86			---	---			---	---			10.29	7.77		
31	9.71	7.50			---	---			10.06	8.66			---	---			---	---			10.25	8.36		
MAX	---	---			---	---			---	---			---	---			---	---			10.83	8.54		
MIN	---	---			---	---			---	---			---	---			---	---			9.18	7.47		

02298208 SHELL CREEK TIDAL (2.8) NEAR PUNTA GORDA, FL---Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	10.72		8.77		10.42		8.37		11.08		8.43		11.08		8.10		11.70		8.57		10.26		8.76	
2	10.10		8.16		10.85		8.90		11.14		8.28		11.20		---		11.08		8.83		10.14		8.45	
3	10.40		8.41		10.94		8.41		11.20		8.28		11.35		8.04		11.13		8.80		10.18		8.23	
4	10.38		8.55		10.09		7.71		11.24		8.07		11.17		8.19		10.90		8.98		10.25		8.07	
5	10.41		8.41		10.34		8.40		11.34		8.15		11.06		8.17		10.72		9.16		13.17		8.76	
6	10.60		8.47		10.66		7.71		11.01		8.27		10.81		8.26		10.86		9.33		13.59		10.66	
7	10.85		8.33		10.65		7.84		10.66		8.23		10.37		8.30		10.77		9.23		11.38		9.70	
8	11.23		8.39		10.76		7.89		10.47		8.28		10.23		8.59		10.91		9.21		10.71		9.22	
9	11.09		8.39		10.81		8.00		10.22		8.24		10.16		8.87		10.45		8.72		10.79		9.30	
10	10.76		8.31		10.42		8.12		10.32		8.66		10.30		8.36		10.33		8.50		10.49		9.01	
11	11.12		8.03		10.44		8.18		10.41		8.96		10.47		8.37		10.79		8.62		10.67		9.14	
12	10.54		8.47		10.32		8.27		10.42		8.68		10.11		8.33		11.25		8.96		10.85		9.27	
13	10.79		9.01		10.02		8.47		10.45		8.51		10.69		8.48		11.69		9.75		10.99		9.35	
14	9.54		7.79		9.88		8.42		10.69		8.50		10.82		8.31		11.38		9.08		10.99		9.42	
15	9.05		7.39		10.07		8.39		10.85		8.34		10.90		8.24		11.01		9.80		12.20		10.55	
16	9.46		7.75		10.01		7.99		10.76		8.07		10.98		8.23		11.01		8.90		11.39		10.09	
17	9.53		7.84		10.04		8.15		10.57		---		11.22		---		10.89		9.07		11.01		9.38	
18	9.58		7.87		10.23		7.99		10.73		7.98		11.43		8.47		11.01		9.23		10.92		8.84	
19	10.02		7.81		10.48		8.18		11.01		8.12		11.19		8.60		10.85		9.25		10.67		8.43	
20	10.24		8.37		10.52		9.23		10.96		8.28		10.75		8.63		10.67		9.27		10.53		8.27	
21	10.72		8.00		10.32		8.04		10.97		8.25		10.48		8.44		10.81		9.10		9.60		7.74	
22	10.67		8.23		10.67		8.04		10.86		8.43		10.22		8.37		10.83		9.05		10.72		8.36	
23	10.17		7.98		10.70		8.21		10.71		8.27		10.23		8.46		11.00		8.92		10.76		8.39	
24	10.41		7.81		10.36		8.18		10.25		8.55		10.41		8.66		11.04		8.68		10.83		8.52	
25	10.37		8.11		9.85		8.18		10.21		8.58		10.46		8.74		10.91		8.71		10.79		8.77	
26	10.47		8.15		10.26		8.21		10.16		8.73		10.63		8.25		11.06		8.77		14.08		---	
27	10.26		8.39		10.04		8.39		10.45		8.28		10.76		8.06		11.14		8.65		12.07		10.03	
28	9.78		7.66		10.18		8.51		10.44		8.27		10.83		7.94		11.18		8.81		11.13		9.49	
29	9.76		7.93		10.23		8.66		10.81		8.04		10.99		8.11		11.25		8.90		10.88		9.20	
30	10.23		8.14		10.67		8.85		10.87		8.06		11.20		8.34		11.18		9.30		10.87		9.10	
31	---		---		10.90		8.58		---		---		11.46		9.72		10.91		8.89		---		---	
MAX	11.23		9.01		10.94		9.23		11.34		---		11.46		---		11.70		9.80		14.08		---	
MIN	9.05		7.39		9.85		7.71		10.16		---		10.11		---		10.33		8.50		9.60		---	

02298208 SHELL CREEK TIDAL (2.8) NEAR PUNTA GORDA, FL---Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	11.13		9.16		11.04		8.57		10.49		7.95		9.93		7.93		10.57		8.38		9.99		8.36	
2	10.94		9.00		10.88		8.62		10.11		8.11		10.06		8.16		10.55		8.30		10.01		8.14	
3	10.66		8.93		10.39		8.50		9.83		7.86		10.03		8.05		10.98		8.03		9.30		7.65	
4	10.81		9.08		---		8.86		9.90		8.02		10.15		8.18		9.91		8.06		10.10		7.26	
5	10.45		8.92		10.79		8.42		9.89		8.06		10.44		8.08		10.48		7.33		10.03		7.52	
6	10.31		8.68		9.33		8.09		10.11		8.57		10.60		7.89		---		7.53		10.32		7.67	
7	9.81		8.25		9.94		8.56		10.48		8.34		9.90		7.83		11.13		7.99		10.08		7.86	
8	10.29		8.80		10.18		8.51		9.79		8.24		10.64		7.67		11.31		8.42		11.09		8.98	
9	10.82		9.06		10.10		8.44		10.31		7.87		10.57		7.45		11.48		8.61		10.16		7.86	
10	11.08		9.24		10.07		7.95		10.98		8.33		10.53		7.50		11.50		8.88		10.13		7.79	
11	11.32		9.24		10.49		8.20		11.08		8.30		10.83		7.73		10.08		7.84		10.61		8.54	
12	11.08		9.33		11.27		8.51		10.26		7.18		11.06		8.01		10.32		8.13		10.22		8.25	
13	11.07		9.23		11.61		8.57		10.55		7.54		10.87		8.46		10.90		8.56		10.48		8.28	
14	10.94		8.74		11.00		7.65		10.82		7.64		10.99		8.50		10.70		8.86		10.28		8.32	
15	11.24		9.36		10.00		7.07		8.63		6.66		9.37		7.59		10.48		8.64		10.27		7.88	
16	10.89		8.34		10.55		7.66		9.27		7.07		9.19		7.95		10.47		8.28		11.01		7.97	
17	10.88		8.21		10.01		7.98		9.71		7.74		9.28		7.44		10.55		8.40		10.10		8.46	
18	10.94		8.26		10.32		8.20		9.87		8.11		9.32		7.18		9.81		7.93		9.62		8.28	
19	11.07		8.52		10.45		8.63		9.98		8.37		10.11		7.21		9.89		7.33		9.44		7.91	
20	10.95		8.63		10.54		8.80		9.23		7.89		10.66		7.73		9.80		7.68		10.14		7.90	
21	10.25		8.23		10.30		8.92		10.05		7.57		10.40		8.33		10.29		7.95		10.34		8.17	
22	10.13		8.14		10.50		8.71		---		7.69		10.81		8.21		10.41		8.00		10.62		8.62	
23	10.45		8.30		10.86		8.71		10.61		8.28		11.27		8.54		10.31		7.93		10.60		8.62	
24	10.72		8.72		11.11		8.96		10.58		7.83		9.29		7.04		10.59		8.45		10.73		8.54	
25	10.70		8.77		11.67		9.24		9.43		7.25		10.23		7.81		10.44		8.34		10.59		8.65	
26	10.56		8.50		10.32		7.72		12.54		8.00		10.76		8.35		10.16		8.17		10.53		8.51	
27	10.58		8.23		10.46		8.07		9.08		6.80		10.86		8.24		12.02		9.10		11.12		9.31	
28	10.72		8.25		11.62		8.22		9.14		6.94		10.52		8.09		10.78		9.05		10.98		8.89	
29	10.93		8.31		10.13		7.64		9.73		7.45		10.16		8.04		---		---		10.51		8.61	
30	11.06		8.42		10.31		7.80		9.49		7.39		10.74		9.06		---		---		10.52		8.03	
31	11.13		8.43		---		---		10.07		7.83		10.41		8.74		---		---		10.97		7.88	
MAX	11.32		9.36		---		9.24		---		8.57		11.27		9.06		---		9.10		11.12		9.31	
MIN	9.81		8.14		---		7.07		---		6.66		9.19		7.04		---		7.33		9.30		7.26	
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	11.09		8.06		10.92		8.30		10.66		8.98		11.00		8.97		10.86		8.29		11.06		8.31	
2	10.21		8.69		10.34		8.36		10.52		8.85		11.04		8.91		11.06		8.29		11.27		8.46	
3	9.87		7.35		10.31		8.13		11.04		9.14		11.12		8.88		10.98		8.29		10.85		8.62	
4	10.27		7.47		10.74		8.62		10.77		9.06		11.06		8.68		10.88		9.43		10.46		8.49	
5	9.96		7.90		10.94		8.78		11.09		9.15		11.15		8.70		10.98		8.13		10.26		8.61	
6	10.58		8.31		10.52		8.00		11.02		10.20		11.31		---		10.87		8.29		10.58		8.58	
7	11.03		8.78		10.25		7.96		11.08		9.29		11.11		8.72		10.92		8.35		10.74		8.72	
8	11.00		8.62		10.84		8.19		10.98		9.30		10.96		8.49		10.53		8.66		10.74		8.70	
9	10.68		8.19		10.96		9.39		11.11		9.17		11.04		8.71		10.50		8.77		10.71		8.66	
10	10.48		8.55		11.05		8.18		10.53		9.00		12.13		11.82		10.43		8.81		10.65		8.39	
11	10.88		7.80		10.96		8.18		11.51		9.59		11.00		10.31		10.44		8.70		10.39		8.19	
12	11.22		8.24		10.72		8.01		10.85		9.95		10.62		9.52		10.74		8.65		10.58		8.58	
13	10.86		8.77		10.26		8.14		10.64		9.68		10.52		9.42		10.72		8.58		10.78		8.55	
14	10.78		8.30		10.64		7.99		10.55		9.71		10.62		9.42		10.77		8.21		11.46		8.68	
15	9.28		7.92		10.24		8.46		10.56		9.50		10.79		9.33		10.27		8.09		11.29		8.54	
16	9.41		7.20		10.36		8.37		10.65		9.36		10.86		9.10		10.91		8.17		11.47		8.70	
17	9.64		7.18		10.07		8.34		10.90		9.15		10.74		8.68		11.24		8.30		11.15		8.85	
18	9.68		7.55		9.85		8.39		11.13		8.86		10.91		8.43		11.51		8.44		10.96		8.88	
19	10.00		7.82		10.05		8.31		10.92		8.58		11.26		8.45		11.41		8.56		10.64		8.48	
20	10.26		8.26		10.57		8.67		11.26		8.77		11.20		8.44		11.27		9.24		9.87		7.27	
21	10.49		8.55		10.94		8.52		11.06		8.41		11.25		---		11.21		8.52		11.34		7.62	
22	10.71		8.59		10.75		8.25		11.42		---		11.47		8.45		10.86		8.69		11.57		8.80	
23	11.10		8.98		11.03		8.27		11.20		8.53		11.08		8.57		10.77		8.78		10.60		8.80	
24	10.48		8.19		11.18		---		10.74		8.41		10.87		8.47		10.77		8.66		11.07		8.68	
25	10.60		8.85		11.48		8.51		11.31		8.41		10.82		8.48		10.60		8.13		10.60		8.49	
26	11.36		8.07		11.23		8.22		11.03		8.75		10.51		8.72		8.09		7.07		10.32		8.72	
27	11.18		8.29		11.22		8.15		10.53		8.99		10.56		8.78		11.20		10.14		10.76		8.66	
28	10.34		7.98		10.94		8.18		10.42		8.88		10.45		8.48		11.38		9.33		10.99		8.76	
29	10.95		7.80		10.57		8.24		10.61		9.29		10.64		8.38		10.72		9.09		10.96		8.81	
30	11.10		8.24		10.75		8.32		10.75		9.15		10.49		8.10		11.32		8.86		10.82		9.01	
31	---		---		10.49		8.84		---		---		10.74		8.19		11.01		8.50		---		---	
MAX	11.36		8.98		11.48		---		11.51		---		12.13		---		11.51		10.14		11.57		9.01	
MIN	9.28		7.18		9.85		---		10.42		---		10.45		---		8.09		7.07		9.87		7.27	

02298208 SHELL CREEK TIDAL (2.8) NEAR PUNTA GORDA, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1997 to current year, incomplete (discontinued).

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located 1.7 ft below the surface and 1.0 ft above the bottom.

REMARKS.--Records fair.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 39,600 microsiemens, June 4, 2000; bottom sensor maximum, 46,800 microsiemens, June 5, 2000; top sensor minimum, 137 microsiemens, Aug. 12, 2003; bottom sensor minimum, 136 microsiemens, Aug. 12, 2003.

TEMPERATURE.--Top sensor maximum, 36.0° C, June 4, 2000; bottom sensor maximum, 33.8° C, July 3, 4, 29, 30, 1998; top sensor minimum, 11.8° C, Jan. 5, 2001; bottom sensor minimum, 11.7° C, Jan. 5, 2001.

EXTREMES FOR WATER YEAR 2004.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 26,900 microsiemens, June 4; bottom sensor maximum, 27,500 microsiemens, June 4; top sensor minimum, 242 microsiemens, Sept. 30; bottom sensor minimum, 239 microsiemens, Sept. 30.

TEMPERATURE.--Top sensor maximum, 33.1° C, June 23, July 11, 24; bottom sensor maximum, 33.0° C, July 11; top sensor minimum, 14.1° C, Dec. 22; bottom sensor minimum, 14.0° C, Dec. 21, 22.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 24,700 microsiemens, Feb. 27; bottom sensor maximum, 25,900 microsiemens, Feb. 27; top sensor minimum, 184 microsiemens, July 10; bottom sensor minimum, 230 microsiemens, June 13, 14.

TEMPERATURE.--Top sensor maximum, 34.2° C, Aug. 4; bottom sensor maximum, 33.3° C, Aug. 18; top sensor minimum, 14.6° C, Jan. 25; bottom sensor minimum, 14.5° C, Dec. 16.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	281	273	3,450	800	8,030	3,390	8,800	1,770	11,800	1,610	591	566
2	283	275	4,490	896	7,860	3,290	12,800	1,880	11,800	1,820	601	560
3	285	276	7,670	1,580	12,200	3,360	15,700	2,340	9,360	2,090	601	557
4	296	283	8,820	1,660	15,800	3,840	17,500	2,960	9,120	1,940	1,070	566
5	308	293	8,280	1,860	16,700	5,040	19,900	3,590	11,800	2,150	2,700	588
6	318	304	7,650	1,210	12,400	4,810	17,200	3,530	13,400	2,220	2,310	606
7	341	315	5,530	830	11,600	4,950	8,420	2,870	14,200	2,120	810	622
8	354	333	4,990	701	12,700	4,730	8,750	3,020	3,940	1,030	736	642
9	373	352	3,110	683	14,800	4,950	15,900	3,820	4,060	1,150	905	660
10	396	371	944	697	19,800	6,140	20,200	3,990	5,800	1,420	774	689
11	457	395	3,190	708	19,800	5,860	7,640	2,910	7,250	1,420	939	683
12	509	414	6,000	725	16,600	5,640	8,220	3,050	9,890	1,360	2,600	712
13	475	433	9,660	862	15,400	5,560	9,130	2,870	5,970	1,590	1,440	734
14	488	456	5,540	771	21,300	8,060	12,300	3,140	17,700	1,840	9,790	741
15	492	457	6,880	1,410	11,100	5,230	11,700	3,920	8,600	2,860	15,900	988
16	505	471	9,940	2,450	12,400	4,920	13,600	3,190	6,790	2,070	12,300	2,170
17	542	497	12,000	2,780	10,700	4,120	18,200	3,420	5,770	2,070	12,400	2,420
18	647	509	15,500	4,630	4,900	2,120	18,200	4,390	5,920	1,520	6,880	1,670
19	732	536	20,900	6,840	4,580	913	16,700	3,390	5,190	1,440	7,710	1,480
20	2,110	555	11,000	4,380	1,160	768	11,500	1,620	8,160	1,870	5,200	1,260
21	5,640	597	11,000	4,700	848	647	7,760	1,020	11,500	1,870	5,100	1,360
22	4,660	626	11,900	3,840	1,050	597	6,810	911	9,910	2,060	3,880	1,170
23	6,330	698	13,600	3,860	3,750	579	4,860	853	6,890	1,830	2,230	966
24	3,770	631	16,400	3,940	9,400	624	3,170	856	11,800	2,250	1,800	984
25	3,860	626	17,100	4,050	4,760	603	3,320	875	6,880	1,190	3,570	1,000
26	4,730	649	16,000	3,970	1,880	594	5,420	976	1,190	802	3,880	1,050
27	10,300	743	15,500	4,180	1,660	601	6,580	1,040	846	672	6,910	1,010
28	13,300	1,100	14,700	4,800	5,210	609	1,320	858	672	549	11,100	1,620
29	10,900	939	6,880	3,180	10,600	1,270	3,050	862	598	539	10,500	2,150
30	5,700	818	6,700	3,500	13,500	1,700	3,000	920	---	---	15,700	2,600
31	2,730	778	---	---	9,180	1,860	4,170	869	---	---	16,200	4,220
MONTH	13,300	273	20,900	683	21,300	579	20,200	853	17,700	539	16,200	557

02298208 SHELL CREEK TIDAL (2.8) NEAR PUNTA GORDA, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	16,800	6,110	13,700	7,590	24,600	13,100	6,860	701	3,480	838	407	379
2	11,300	5,010	17,200	5,110	25,700	13,200	7,120	706	894	724	421	393
3	13,300	6,190	15,800	2,320	25,900	13,200	9,060	757	724	545	433	400
4	13,200	6,530	4,240	1,290	26,900	12,700	7,720	835	545	444	441	417
5	13,200	6,230	3,310	1,060	26,100	12,600	6,550	873	462	420	869	393
6	15,500	5,770	3,900	969	23,700	12,600	4,520	887	442	395	481	368
7	17,100	6,510	3,150	907	21,600	12,000	1,730	857	407	344	368	280
8	20,000	6,610	3,920	869	20,500	12,500	1,190	836	345	318	295	282
9	18,700	6,520	6,300	895	16,800	12,000	1,230	867	332	319	301	284
10	16,600	6,200	3,910	951	17,100	10,400	1,900	850	357	332	285	267
11	19,300	6,020	5,850	989	15,800	8,320	3,240	873	379	354	279	267
12	13,700	7,060	6,760	1,220	14,600	7,120	1,680	854	411	369	295	278
13	14,400	6,890	7,210	2,000	13,300	5,680	4,140	870	560	371	315	293
14	9,680	3,970	7,000	2,320	13,500	4,580	3,960	861	399	267	332	310
15	7,270	3,430	8,600	3,040	8,570	2,460	3,610	877	295	265	350	274
16	8,100	3,280	8,560	3,020	5,370	1,330	3,210	864	321	285	371	347
17	7,140	3,060	8,370	3,020	2,780	1,120	3,470	864	299	272	386	368
18	7,340	3,000	9,740	3,360	3,660	1,010	4,370	877	281	266	398	383
19	9,330	3,110	12,600	3,360	8,360	995	3,240	907	316	276	421	386
20	11,600	3,100	13,500	4,220	6,490	1,020	1,620	845	350	309	427	393
21	17,100	4,050	11,300	4,850	5,990	1,040	1,010	813	353	324	438	413
22	17,300	4,890	15,400	5,140	4,970	1,070	872	791	361	334	459	422
23	10,900	5,160	16,500	6,350	4,480	1,090	856	792	382	352	461	438
24	14,500	4,990	13,200	7,590	3,380	1,140	887	813	386	342	466	431
25	14,700	6,430	15,500	8,130	1,660	1,030	1,050	823	364	333	449	413
26	17,100	6,920	17,500	9,280	2,340	913	1,870	827	350	326	501	344
27	16,100	8,370	16,600	10,400	2,600	800	2,310	821	336	324	500	421
28	13,700	7,050	17,300	10,900	2,800	782	1,980	817	352	332	424	323
29	14,400	7,260	17,600	11,400	5,260	777	1,650	825	369	344	323	267
30	16,900	8,480	20,700	11,700	2,880	701	1,890	828	373	353	272	242
31	---	---	22,700	13,500	---	---	4,560	843	386	364	---	---
MONTH	20,000	3,000	22,700	869	26,900	701	9,060	701	3,480	265	869	242
YEAR	26,900	242										

02298208 SHELL CREEK TIDAL (2.8) NEAR PUNTA GORDA, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	281	272	3,730	807	8,190	3,390	8,780	1,780	11,600	1,580	594	569
2	282	274	4,620	910	8,170	3,280	12,800	1,870	11,600	1,800	638	564
3	284	275	8,110	1,580	13,300	3,340	15,600	2,330	9,260	2,080	612	562
4	295	282	9,120	1,640	16,800	3,850	17,400	2,940	9,070	1,930	1,190	570
5	308	292	8,990	1,860	18,900	5,070	19,800	3,570	11,600	2,120	3,430	592
6	317	303	7,840	1,210	13,400	4,800	17,000	3,500	13,300	2,190	2,460	610
7	339	314	5,670	852	11,600	4,930	8,260	2,830	14,100	2,090	814	625
8	353	332	5,100	716	12,700	4,730	11,000	3,000	3,850	1,020	741	646
9	373	352	3,120	699	14,700	4,930	18,000	3,810	4,020	1,140	902	663
10	395	371	932	714	19,800	6,100	20,400	3,960	6,140	1,420	780	693
11	453	395	3,150	724	19,900	5,840	8,430	2,890	8,310	1,410	951	688
12	512	416	6,400	743	16,600	5,620	8,740	3,030	11,200	1,340	3,170	718
13	476	435	11,700	877	15,400	5,600	11,600	2,850	9,320	1,570	1,890	739
14	484	458	5,850	790	21,400	8,130	12,400	3,140	22,100	1,820	9,680	746
15	496	465	9,280	1,410	11,100	5,200	12,200	3,930	10,400	2,850	16,100	995
16	508	482	11,500	2,460	12,400	4,910	13,600	3,200	7,630	2,040	12,400	2,190
17	546	501	12,200	2,800	10,600	4,090	18,200	3,390	7,500	2,040	12,500	2,440
18	654	514	15,700	4,740	4,790	2,130	18,200	4,410	5,970	1,490	6,940	1,680
19	734	541	21,000	7,060	4,530	936	16,700	3,390	5,040	1,420	7,800	1,500
20	2,140	561	11,700	4,350	1,170	791	11,400	1,610	8,050	1,840	5,240	1,280
21	5,830	605	10,800	4,670	867	668	7,710	1,000	11,400	1,820	5,110	1,360
22	4,780	632	11,800	3,840	1,130	618	6,740	907	9,840	2,020	3,920	1,180
23	6,520	709	13,800	3,850	4,710	603	4,780	847	7,350	1,860	2,210	970
24	4,140	639	17,000	3,950	10,200	647	3,150	852	12,300	2,280	1,810	994
25	3,990	635	17,300	4,090	4,910	625	3,250	871	7,570	1,220	3,600	1,010
26	4,800	657	16,000	4,000	1,880	613	5,360	970	1,220	808	3,860	1,050
27	11,000	753	15,400	4,190	1,670	620	6,490	1,030	850	676	6,940	1,010
28	13,500	1,090	14,800	4,800	5,130	627	1,320	851	676	551	11,200	1,640
29	11,000	948	6,880	3,060	10,500	1,290	3,030	856	602	542	10,600	2,170
30	5,670	829	6,600	3,480	13,400	1,700	2,960	911	---	---	15,800	2,600
31	2,710	788	---	---	9,130	1,880	4,080	860	---	---	16,400	4,260
MONTH	13,500	272	21,000	699	21,400	603	20,400	847	22,100	542	16,400	562
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	17,100	6,160	15,000	7,490	24,900	13,300	6,890	650	3,600	818	406	380
2	12,200	5,040	19,200	5,060	26,200	13,400	8,050	659	885	708	418	394
3	14,200	6,250	16,400	2,270	26,400	13,300	10,600	706	709	520	432	401
4	13,700	6,620	5,040	1,260	27,500	12,800	8,230	776	520	424	441	419
5	13,800	6,330	3,980	993	26,300	12,700	6,780	813	443	400	898	394
6	15,800	5,870	4,160	899	24,100	12,700	4,590	827	426	380	479	382
7	17,700	6,570	3,550	851	21,900	11,900	1,730	813	391	329	382	281
8	20,900	6,730	4,930	820	20,700	12,000	1,220	793	335	303	295	283
9	19,400	6,630	8,840	844	17,900	11,600	1,250	802	317	305	300	285
10	17,200	6,330	5,140	896	18,300	10,600	2,580	808	345	317	286	267
11	20,300	6,140	9,230	933	18,000	9,050	4,910	833	366	342	277	264
12	14,100	7,370	9,200	1,190	17,800	7,480	1,680	815	399	358	293	276
13	15,200	7,090	8,000	1,960	15,600	5,640	4,900	825	554	365	313	291
14	10,100	4,080	8,260	2,280	15,600	4,500	4,270	824	394	266	339	307
15	7,250	3,510	9,870	3,010	11,200	2,400	3,850	840	286	264	351	275
16	7,760	3,380	9,130	2,950	8,020	1,280	3,520	825	313	284	367	343
17	7,400	3,160	9,650	2,970	4,070	1,080	3,850	827	299	273	382	361
18	7,990	3,080	11,100	3,300	6,430	907	4,870	842	282	268	397	377
19	10,700	3,210	14,500	3,330	9,500	901	3,370	872	315	275	414	381
20	12,700	3,200	15,400	4,160	7,480	982	1,650	816	358	312	424	389
21	18,200	4,130	14,900	4,770	6,290	998	957	786	410	332	435	410
22	18,100	5,070	19,200	5,060	5,300	1,020	852	758	362	344	455	421
23	14,900	5,290	19,900	6,190	4,660	1,050	832	765	369	358	460	438
24	16,900	5,060	18,400	7,500	3,410	1,100	863	787	374	350	464	427
25	18,600	6,550	20,000	8,050	---	---	1,060	799	353	338	447	412
26	18,300	7,060	18,500	9,190	---	---	2,110	786	352	331	873	344
27	17,200	8,570	17,000	10,300	3,760	743	2,470	801	341	329	496	419
28	15,400	7,210	17,800	10,800	3,210	729	2,080	778	351	339	420	320
29	16,300	7,430	17,900	11,100	6,110	722	1,830	789	366	350	320	263
30	18,900	8,480	21,100	11,600	4,860	646	2,250	810	377	362	269	239
31	---	---	23,100	13,600	---	---	5,710	825	391	375	---	---
MONTH	20,900	3,080	23,100	820	---	---	10,600	650	3,600	264	898	239

02298208 SHELL CREEK TIDAL (2.8) NEAR PUNTA GORDA, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	26.4	25.8	25.6	24.3	20.5	18.4	20.7	18.8	19.8	17.0	20.0	18.1
2	26.4	25.6	25.6	24.5	20.0	18.4	20.7	19.4	18.9	17.7	21.2	18.8
3	26.7	25.3	25.4	24.5	19.8	18.4	21.1	19.6	20.1	17.8	21.9	19.6
4	26.7	25.6	25.5	24.5	21.1	18.4	21.7	20.1	20.8	18.3	23.1	20.4
5	27.4	25.9	26.5	24.9	20.9	19.6	22.2	20.6	21.5	19.7	23.5	21.4
6	28.1	26.3	26.0	25.2	20.2	18.1	22.7	21.0	22.8	20.8	24.4	22.1
7	28.5	26.5	26.7	25.0	18.4	17.0	22.1	19.4	22.8	20.7	25.4	23.3
8	29.0	26.6	27.1	25.5	18.4	16.4	19.8	18.1	20.7	19.2	25.2	23.7
9	29.1	27.0	26.9	25.9	19.2	17.6	19.8	18.0	19.9	17.7	23.8	22.4
10	28.1	27.0	26.7	25.4	19.6	18.6	19.9	17.2	21.3	18.7	23.0	21.5
11	27.9	27.0	26.5	25.1	19.6	18.7	17.5	15.5	22.1	20.2	22.0	20.0
12	28.9	27.1	26.4	24.7	19.3	17.6	17.8	15.0	23.2	21.0	24.6	20.3
13	29.1	27.7	26.5	24.8	19.4	17.7	18.3	15.7	24.1	21.9	22.6	20.3
14	29.5	28.0	25.5	23.9	19.7	19.2	18.2	16.2	23.2	22.0	21.8	20.5
15	29.7	28.0	25.1	22.9	19.4	17.6	18.3	16.7	23.4	21.8	22.1	21.2
16	28.4	26.7	24.5	22.9	19.3	17.8	19.0	16.8	21.8	20.4	23.0	21.9
17	28.4	26.4	24.7	23.1	19.3	17.8	18.1	16.4	20.6	19.2	24.4	22.0
18	27.6	26.4	25.1	23.5	18.1	17.0	18.3	17.3	19.3	18.0	24.6	22.1
19	27.6	26.2	24.9	23.1	17.4	16.0	19.4	17.7	18.9	17.2	25.4	22.9
20	27.0	25.9	23.2	22.1	16.5	15.5	19.5	18.0	19.0	17.6	25.1	23.3
21	27.3	25.4	23.4	21.6	15.8	14.2	18.9	17.3	20.4	18.5	25.3	23.4
22	27.3	25.2	22.8	21.5	16.1	14.1	18.3	16.9	21.5	19.6	25.2	23.8
23	26.9	25.1	22.6	21.5	17.1	15.0	18.0	16.5	22.3	20.3	23.9	21.9
24	26.2	24.7	23.3	21.7	17.7	16.0	17.8	16.1	23.5	21.7	22.6	21.1
25	25.9	24.7	23.6	22.5	18.0	16.3	18.4	16.6	22.7	21.1	21.8	20.5
26	26.6	25.2	24.2	22.8	17.6	16.1	19.8	17.7	21.8	20.6	22.3	20.6
27	27.6	25.7	24.4	23.1	18.1	16.4	20.3	19.3	21.0	18.9	22.9	21.2
28	27.3	26.2	24.6	23.2	18.8	17.0	19.5	18.3	19.1	17.4	24.4	21.5
29	26.7	25.6	23.8	19.8	19.3	18.0	18.8	17.2	20.0	17.7	24.6	21.9
30	25.8	24.8	20.4	17.5	20.0	18.2	18.2	17.7	---	---	24.3	21.9
31	25.7	24.6	---	---	20.5	18.4	17.7	17.0	---	---	24.9	22.5
MONTH	29.7	24.6	27.1	17.5	21.1	14.1	22.7	15.0	24.1	17.0	25.4	18.1
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.3	22.4	28.5	25.8	31.4	29.3	31.0	28.2	29.7	28.5	31.8	29.5
2	24.0	21.8	28.8	26.6	31.4	29.3	31.0	28.9	29.1	28.0	30.5	29.4
3	23.9	21.7	27.8	26.8	30.9	29.4	30.9	29.0	29.0	28.1	30.9	29.2
4	23.5	21.8	28.4	26.0	30.3	29.0	31.3	29.0	29.1	27.7	29.8	27.4
5	23.7	21.7	27.8	25.3	29.8	28.3	32.0	29.4	29.2	27.9	27.4	25.4
6	23.5	21.3	27.2	25.2	30.1	28.4	32.1	29.7	29.0	28.3	27.0	25.6
7	24.1	22.1	27.4	25.3	31.2	28.4	31.8	29.8	29.3	28.4	27.3	26.2
8	24.9	22.7	27.7	25.2	31.0	28.1	32.6	29.4	29.0	28.3	28.0	26.8
9	25.4	23.7	27.0	25.3	31.0	28.1	32.8	30.2	29.9	28.1	29.2	27.2
10	26.9	24.5	26.1	25.2	29.9	27.6	32.9	30.6	29.7	28.3	29.4	27.5
11	26.5	24.9	26.5	24.9	29.8	27.7	33.1	30.7	30.7	28.4	29.6	28.1
12	25.9	23.7	27.1	25.0	32.1	28.0	32.6	30.1	30.0	28.7	29.6	28.3
13	23.7	22.7	27.5	25.4	31.9	28.6	32.7	30.5	29.5	26.8	29.1	28.2
14	22.8	21.6	28.1	25.7	31.9	28.6	32.8	30.4	27.9	26.8	28.8	27.9
15	23.7	20.9	28.2	25.8	31.3	28.6	32.8	30.6	29.2	26.6	28.3	27.5
16	23.9	21.5	28.1	26.1	31.0	28.8	31.4	30.2	30.5	27.8	28.9	27.6
17	24.2	21.8	29.1	25.8	31.3	29.4	30.4	29.6	30.1	28.1	29.7	28.3
18	24.9	21.8	29.0	26.1	31.4	29.4	30.7	29.3	31.3	28.8	30.9	28.9
19	24.9	22.1	28.7	26.1	31.9	29.5	29.8	29.0	30.7	29.3	30.1	28.7
20	25.5	22.1	29.3	26.1	31.9	30.0	29.0	27.8	31.2	29.6	29.1	27.6
21	24.9	22.8	30.0	26.2	31.9	30.1	29.5	27.4	31.3	29.7	27.6	26.6
22	26.2	22.9	30.1	26.8	31.7	30.1	30.8	27.9	30.9	29.6	26.8	26.2
23	27.5	24.0	30.1	26.9	33.1	30.0	32.3	28.9	30.5	29.6	27.1	26.1
24	27.7	24.9	30.4	26.8	32.3	30.2	33.1	29.9	30.0	29.3	28.1	26.6
25	27.5	25.6	31.2	26.9	32.9	29.6	32.1	30.4	29.7	28.8	27.6	26.1
26	28.3	25.8	30.5	27.3	32.2	29.7	31.2	30.1	30.0	28.1	26.1	25.0
27	27.1	25.8	31.7	27.9	31.5	29.6	30.8	29.6	30.7	28.8	27.0	25.4
28	27.5	24.7	31.5	28.2	31.2	29.4	31.3	29.4	32.0	28.9	28.1	26.2
29	27.1	25.3	31.9	28.4	31.5	28.6	31.2	29.0	31.9	29.5	28.8	26.8
30	28.1	25.6	31.7	28.9	30.4	28.1	30.8	28.9	31.4	29.9	29.3	27.6
31	---	---	31.8	29.4	---	---	30.6	29.2	32.4	29.8	---	---
MONTH	28.3	20.9	31.9	24.9	33.1	27.6	33.1	27.4	32.4	26.6	31.8	25.0
YEAR	33.1	14.1										

02298208 SHELL CREEK TIDAL (2.8) NEAR PUNTA GORDA, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	26.3	25.7	25.4	24.3	20.4	18.4	20.6	18.7	19.8	16.8	19.9	18.0
2	26.3	25.5	25.5	24.4	19.9	18.3	20.6	19.3	18.7	17.6	20.7	18.7
3	26.6	25.2	25.3	24.4	19.6	18.3	20.9	19.5	20.0	17.7	21.6	19.5
4	26.6	25.5	25.4	24.4	20.2	18.6	21.6	20.0	20.7	18.2	22.6	20.3
5	27.3	25.8	25.9	24.8	20.5	19.5	22.1	20.5	21.4	19.6	23.2	21.3
6	27.9	26.2	25.9	25.1	20.2	18.0	22.6	20.9	22.7	20.7	24.3	22.0
7	28.1	26.4	26.5	24.9	18.3	17.1	22.0	19.4	22.7	20.6	25.3	23.2
8	28.7	26.5	26.9	25.4	18.3	16.3	19.7	18.0	20.6	19.1	25.1	23.6
9	29.0	27.0	26.8	25.8	19.1	17.5	19.8	18.1	19.7	17.6	23.7	22.3
10	28.0	26.9	26.6	25.3	19.5	18.5	19.8	17.1	21.2	18.6	22.9	21.4
11	27.7	26.9	26.4	25.0	19.5	18.6	17.4	15.6	22.1	20.2	21.9	19.9
12	28.7	27.0	26.3	24.6	19.2	17.5	17.6	15.1	23.2	20.9	22.5	20.2
13	29.0	27.6	26.4	24.9	19.3	17.6	18.1	15.7	23.5	21.8	22.5	20.2
14	29.4	27.9	25.5	23.8	19.6	19.1	18.1	16.5	23.0	21.9	21.7	20.4
15	29.5	27.9	25.0	23.2	19.3	17.5	18.1	16.7	23.1	21.9	22.0	21.1
16	28.3	26.6	24.7	23.4	19.1	17.7	18.7	16.8	22.0	20.7	22.9	21.8
17	28.0	26.3	24.6	23.5	19.2	17.7	18.0	16.3	21.0	19.1	24.4	21.9
18	27.5	26.3	25.0	23.5	18.0	16.9	18.2	17.2	19.2	17.8	24.5	22.0
19	27.4	26.1	24.9	23.4	17.4	15.9	19.3	17.6	18.8	17.0	25.3	22.8
20	26.9	25.8	23.4	22.0	16.4	15.4	19.4	17.9	18.9	17.5	25.0	23.2
21	27.1	25.3	23.0	21.5	15.7	14.0	18.8	17.1	20.4	18.4	25.1	23.3
22	26.9	25.1	22.6	21.4	15.9	14.0	18.2	16.8	21.4	19.5	25.1	23.6
23	26.6	25.1	22.3	21.4	17.0	14.9	17.8	16.4	22.3	20.2	23.7	21.8
24	26.1	24.7	23.2	21.6	17.6	15.9	17.7	16.0	23.4	21.6	22.5	21.0
25	25.9	24.6	23.5	22.4	18.0	16.2	18.3	16.5	22.6	21.0	21.7	20.4
26	26.6	25.1	24.1	22.7	17.5	16.0	19.7	17.6	21.4	20.5	22.2	20.5
27	27.5	25.6	24.4	23.0	18.0	16.3	20.2	19.2	20.9	18.8	22.8	21.1
28	27.2	26.1	24.6	23.1	18.6	16.9	19.4	18.2	19.0	17.3	24.3	21.4
29	26.6	25.5	23.8	19.8	19.2	17.9	18.6	17.2	19.7	17.6	24.5	21.8
30	25.9	24.8	20.3	17.5	19.9	18.1	18.1	17.6	---	---	24.3	21.7
31	25.6	24.5	---	---	20.4	18.3	17.6	16.8	---	---	24.8	22.4
MONTH	29.5	24.5	26.9	17.5	20.5	14.0	22.6	15.1	23.5	16.8	25.3	18.0
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.2	22.3	28.3	25.7	31.4	29.3	31.0	28.1	29.6	28.4	31.4	29.6
2	23.8	21.7	28.6	26.6	31.3	29.2	30.6	28.9	29.0	28.0	30.4	29.5
3	23.8	21.7	27.9	26.7	30.8	29.5	30.8	28.9	28.9	28.0	30.8	29.2
4	23.4	21.7	28.0	26.0	30.2	28.9	31.0	29.0	28.8	27.6	29.9	27.5
5	23.6	21.6	27.6	25.2	29.7	28.2	32.0	29.4	29.1	27.8	27.5	25.5
6	23.4	21.3	27.0	25.1	29.9	28.3	31.5	29.7	28.9	28.2	27.1	25.7
7	24.0	22.0	27.1	25.2	29.7	28.4	31.6	29.7	29.3	28.4	27.4	26.3
8	24.8	22.8	27.0	25.1	29.9	28.1	32.1	29.4	28.9	28.3	28.1	26.9
9	25.3	23.6	26.3	25.2	30.1	28.0	32.3	30.1	29.8	28.0	29.3	27.3
10	26.4	24.6	26.0	25.1	29.4	27.8	32.8	30.6	29.6	28.2	29.4	27.5
11	26.6	24.8	25.6	24.8	29.3	27.9	33.0	30.6	30.7	28.3	29.8	28.2
12	25.8	23.6	26.8	24.9	30.9	28.6	32.5	30.0	30.0	28.6	29.7	28.4
13	23.6	22.6	27.3	25.3	31.2	28.7	32.2	30.4	29.5	26.7	29.2	28.3
14	22.6	21.5	27.9	25.6	30.8	28.8	32.8	30.3	27.8	26.8	28.9	28.1
15	23.7	20.8	28.1	25.8	30.9	28.6	32.7	30.5	29.1	26.5	28.4	27.7
16	23.9	21.4	27.9	26.0	30.9	28.8	31.3	30.1	29.8	27.7	29.1	27.8
17	24.1	21.7	28.5	25.8	31.3	29.3	30.4	29.5	30.1	28.0	29.8	28.5
18	24.7	21.7	28.5	26.0	31.1	29.3	30.6	29.3	30.8	28.8	30.7	29.0
19	24.7	22.0	28.4	26.2	31.4	29.5	29.8	29.0	30.7	29.3	30.3	28.9
20	25.3	22.1	28.8	26.5	31.8	29.9	29.0	27.8	31.1	29.5	29.2	27.6
21	24.8	22.9	29.0	26.6	31.8	30.0	29.4	27.3	31.2	29.7	27.6	26.5
22	25.9	22.9	29.0	26.8	31.7	30.1	30.3	27.8	30.9	29.6	26.7	26.2
23	27.0	24.2	28.9	26.9	32.2	30.0	32.1	28.9	30.5	29.6	27.0	26.0
24	27.2	24.8	28.8	26.8	32.2	30.1	32.8	29.8	30.0	29.2	28.0	26.5
25	27.0	25.7	29.2	26.8	31.9	29.5	31.9	30.4	29.6	28.8	27.4	26.0
26	27.8	25.7	29.2	27.2	32.0	29.7	31.2	30.1	30.0	28.1	26.0	25.0
27	27.0	25.8	30.4	27.9	31.5	29.5	30.7	29.5	30.3	28.7	27.0	25.3
28	27.3	24.6	30.8	28.1	31.1	29.3	31.1	29.3	30.4	28.8	28.0	26.1
29	26.7	25.2	31.0	28.4	30.6	28.5	31.1	28.9	31.0	29.5	28.5	26.8
30	27.9	25.5	31.6	28.9	30.3	28.0	30.6	28.8	31.3	29.9	28.9	27.5
31	---	---	31.7	29.4	---	---	30.5	29.1	32.0	29.9	---	---
MONTH	27.9	20.8	31.7	24.8	32.2	27.8	33.0	27.3	32.0	26.5	31.4	25.0
YEAR	33.0	14.0										

02298208 SHELL CREEK TIDAL (2.8) NEAR PUNTA GORDA, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	257	240	1,300	599	---	---	6,060	956	9,290	1,340	6,260	3,340
2	258	241	2,020	600	---	---	8,250	1,400	12,400	1,370	4,800	2,020
3	268	247	1,950	601	---	---	9,390	1,830	18,000	1,780	2,370	1,390
4	271	249	4,720	621	---	---	9,940	2,220	8,460	2,760	3,380	1,150
5	280	255	4,830	631	---	---	12,300	2,500	9,720	2,600	2,530	1,140
6	298	265	1,550	623	---	---	13,700	2,710	16,000	3,060	2,020	1,100
7	322	282	1,180	699	---	---	13,700	3,000	17,700	3,920	1,770	1,110
8	335	305	1,570	684	---	---	12,400	3,030	18,700	5,060	1,410	1,060
9	348	319	1,380	699	---	---	10,400	2,890	19,500	5,930	1,390	1,090
10	373	343	1,820	658	---	---	9,360	2,790	19,600	7,120	1,330	1,060
11	383	329	5,520	681	---	---	13,200	2,880	10,300	5,130	1,230	1,010
12	398	354	8,720	853	---	---	15,800	3,220	9,330	5,180	1,170	971
13	427	364	10,700	1,170	---	---	13,900	4,120	12,000	5,960	1,120	982
14	453	404	6,170	987	---	---	15,000	3,540	11,500	6,110	1,080	970
15	450	403	3,210	874	---	---	4,540	1,980	10,200	5,280	1,080	963
16	468	442	3,390	1,000	---	---	3,350	1,490	9,180	4,410	1,080	908
17	472	411	3,310	1,060	---	---	1,990	979	10,500	4,300	1,020	833
18	482	417	5,840	1,120	---	---	1,830	882	7,800	3,940	844	670
19	495	387	6,330	1,840	---	---	2,510	862	9,950	3,490	670	474
20	506	442	---	---	---	---	6,260	877	14,900	3,860	490	464
21	522	501	---	---	---	---	6,670	930	16,000	5,020	534	481
22	536	512	---	---	---	---	6,240	956	16,500	5,960	562	520
23	549	520	---	---	---	---	7,340	1,100	14,500	6,410	590	541
24	728	529	---	---	---	---	2,030	903	15,300	8,180	622	567
25	750	535	---	---	---	---	1,980	981	14,400	7,660	639	589
26	629	545	---	---	---	---	3,820	1,050	12,200	6,820	672	630
27	615	553	---	---	---	---	3,780	1,000	24,700	6,400	694	620
28	659	560	---	---	---	---	2,510	970	12,300	5,530	713	668
29	856	567	---	---	3,480	1,360	3,190	980	---	---	727	676
30	1,440	578	---	---	3,530	997	8,280	1,530	---	---	729	686
31	1,500	589	---	---	4,650	997	5,090	1,330	---	---	744	562
MONTH	1,500	240	---	---	---	---	15,800	862	24,700	1,340	6,260	464
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	755	595	6,260	1,430	---	---	251	228	335	313	521	497
2	757	730	4,130	1,420	---	---	247	227	351	323	517	443
3	769	722	3,330	1,280	683	436	255	231	374	327	521	502
4	792	711	4,410	1,400	436	302	269	246	380	332	532	515
5	794	710	3,910	1,340	302	263	279	262	383	346	545	523
6	842	687	2,640	999	263	240	293	274	399	378	554	520
7	1,550	787	1,550	947	241	227	---	---	388	272	587	532
8	1,550	785	1,500	941	235	227	312	300	295	270	565	538
9	980	785	1,750	967	243	232	332	214	320	288	570	545
10	883	786	1,620	987	260	243	214	184	333	313	580	545
11	926	795	1,440	1,010	263	240	197	187	351	333	593	555
12	3,710	813	1,300	1,020	242	234	201	192	361	343	736	577
13	2,040	850	1,210	1,040	240	215	222	196	361	349	5,040	624
14	1,660	830	3,910	1,040	256	215	246	218	378	350	4,870	717
15	990	826	2,980	1,090	276	255	239	228	399	373	3,070	757
16	1,040	832	3,300	1,140	290	274	238	229	415	397	2,900	855
17	1,030	927	1,990	1,110	311	289	258	235	431	390	2,070	911
18	1,120	933	2,180	1,140	333	308	279	258	439	420	2,490	943
19	4,150	930	2,370	1,230	360	331	297	276	452	375	2,030	863
20	4,590	1,140	5,050	1,470	378	353	313	293	464	375	1,270	837
21	6,030	1,570	---	---	401	367	334	312	478	381	9,400	862
22	7,910	1,750	---	---	402	351	343	327	490	450	10,000	987
23	10,000	2,340	---	---	354	292	343	325	502	473	8,330	1,070
24	5,980	1,870	---	---	327	250	355	336	509	477	6,760	1,140
25	6,010	1,810	---	---	275	247	362	346	525	504	4,620	1,160
26	12,200	1,820	---	---	295	266	380	361	---	---	4,800	1,290
27	9,020	1,880	---	---	365	268	386	347	803	420	6,590	819
28	4,420	1,560	---	---	268	230	347	311	556	521	5,680	712
29	7,010	1,470	---	---	258	240	318	278	543	525	2,760	703
30	7,810	1,350	---	---	251	232	306	269	547	511	1,230	691
31	---	---	---	---	---	---	327	286	533	503	---	---
MONTH	12,200	595	---	---	---	---	---	---	---	---	10,000	443

02298208 SHELL CREEK TIDAL (2.8) NEAR PUNTA GORDA, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	254	235	1,270	575	9,830	1,610	6,300	953	10,800	1,390	6,550	3,440
2	253	236	2,000	573	8,650	1,900	8,920	1,430	12,200	1,420	4,980	2,070
3	263	242	2,160	580	6,910	1,900	9,960	1,890	20,300	1,860	2,430	1,410
4	264	244	4,640	595	7,020	2,210	10,200	2,270	9,690	2,910	3,510	1,150
5	273	249	4,740	610	9,970	2,340	15,200	2,560	10,400	2,730	2,590	1,140
6	290	258	1,520	606	14,300	2,920	15,300	2,750	19,100	3,220	2,050	1,090
7	313	275	1,240	683	14,500	3,580	15,400	3,010	19,900	4,030	1,790	1,090
8	328	299	1,510	673	14,300	4,480	12,600	3,110	20,700	5,150	1,430	1,040
9	339	310	1,360	668	14,400	4,540	11,200	2,970	21,200	6,280	1,410	1,070
10	363	333	1,820	639	16,600	5,350	9,820	2,900	20,400	7,550	1,350	1,060
11	374	313	5,590	661	16,200	5,060	13,800	2,940	10,800	5,480	1,250	1,010
12	389	340	10,100	854	9,510	3,540	16,800	3,310	9,790	5,460	1,170	965
13	416	355	11,100	1,200	9,560	3,840	14,200	4,240	13,300	6,310	1,110	965
14	441	390	6,050	952	11,000	3,670	15,900	3,680	12,200	6,460	1,070	966
15	439	388	3,160	860	5,130	2,180	4,700	2,050	10,700	5,540	1,070	954
16	454	430	3,340	989	4,300	2,640	3,430	1,540	10,100	4,690	1,070	896
17	462	401	3,390	1,040	6,410	2,760	2,060	991	10,800	4,620	1,010	819
18	471	409	6,850	1,110	9,640	2,750	1,890	893	8,140	4,200	836	642
19	484	373	10,200	1,790	11,700	3,310	2,600	871	10,400	3,680	642	465
20	494	431	10,500	2,500	12,000	3,100	7,680	886	16,500	4,090	477	455
21	510	487	9,310	3,090	13,300	3,250	7,680	940	18,500	5,190	520	470
22	524	501	9,180	3,120	21,200	3,580	6,370	968	17,200	6,190	542	506
23	536	505	10,200	3,370	21,300	5,510	7,440	1,110	15,100	6,780	576	532
24	727	509	13,800	3,710	18,100	6,050	2,090	909	16,000	8,440	608	551
25	773	521	15,300	3,960	11,400	5,280	2,030	997	15,100	7,800	622	572
26	616	533	6,640	2,470	24,600	5,070	4,070	1,060	12,500	7,080	657	608
27	598	533	11,100	2,720	6,990	2,920	3,870	1,010	25,900	6,890	671	601
28	644	544	16,500	2,340	5,760	1,900	2,570	988	12,800	5,820	683	645
29	867	553	5,210	1,660	4,670	1,400	3,300	994	---	---	689	651
30	1,460	563	5,320	1,400	3,620	999	8,760	1,590	---	---	704	661
31	1,420	561	---	---	5,440	995	5,270	1,390	---	---	716	538
MONTH	1,460	235	16,500	573	24,600	995	16,800	871	25,900	1,390	6,550	455
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	725	568	6,270	1,420	---	---	271	248	341	319	532	507
2	726	699	4,140	1,420	---	---	269	248	358	329	527	455
3	739	691	3,280	1,230	673	432	---	---	381	333	539	513
4	758	679	4,310	1,390	432	308	---	---	388	339	543	525
5	758	678	3,940	1,330	311	277	---	---	388	356	556	534
6	816	653	2,610	894	281	258	---	---	407	386	566	530
7	1,560	750	1,620	892	260	236	---	---	398	277	595	543
8	1,540	746	1,470	895	244	236	---	---	301	277	575	547
9	924	746	1,800	897	252	241	---	---	325	294	577	554
10	841	746	1,680	917	268	251	---	---	340	320	587	554
11	887	751	1,430	933	272	250	---	---	357	340	599	577
12	4,900	770	1,260	935	252	246	---	---	368	349	784	581
13	2,030	804	1,180	968	253	230	---	---	368	356	5,260	627
14	1,630	793	4,560	943	269	230	---	---	385	356	5,120	719
15	940	797	3,120	1,050	289	268	---	---	407	379	3,170	758
16	992	800	3,240	1,120	304	287	---	---	423	405	3,080	857
17	986	821	2,190	1,080	325	303	---	---	439	397	2,100	906
18	1,390	846	2,200	1,120	349	321	---	---	448	428	2,620	945
19	4,320	860	2,630	1,190	372	344	---	---	461	379	2,060	861
20	5,000	1,110	5,190	1,460	387	365	---	---	473	382	1,270	730
21	6,460	1,560	---	---	407	378	---	---	488	388	9,580	761
22	7,940	1,800	---	---	408	366	349	337	500	462	11,000	989
23	9,900	2,370	---	---	367	307	349	331	512	483	8,630	1,080
24	5,940	1,790	---	---	332	267	361	343	519	488	6,680	1,150
25	6,120	1,770	---	---	292	265	369	353	536	514	5,010	1,140
26	12,000	1,720	---	---	311	284	390	368	583	528	7,220	1,280
27	8,780	1,870	---	---	379	285	394	355	930	432	7,750	801
28	4,400	1,520	---	---	285	249	355	322	568	532	5,980	695
29	7,020	1,370	---	---	283	260	326	283	557	536	3,390	685
30	10,300	1,390	---	---	270	252	312	273	556	521	1,570	673
31	---	---	---	---	---	---	334	291	542	513	---	---
MONTH	12,000	568	---	---	---	---	---	---	930	277	11,000	455

02298208 SHELL CREEK TIDAL (2.8) NEAR PUNTA GORDA, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.8	28.0	26.8	25.8	---	---	19.8	18.1	20.5	18.6	22.8	21.4
2	29.6	28.3	27.5	25.8	---	---	20.2	18.4	19.9	19.0	21.9	20.6
3	29.4	28.1	27.9	26.1	---	---	20.4	19.0	20.3	19.2	21.2	18.2
4	29.5	28.1	27.5	26.4	---	---	20.7	19.2	20.2	18.0	19.2	17.4
5	29.3	28.1	27.4	25.6	---	---	21.0	19.5	18.3	16.9	19.7	17.7
6	29.1	28.0	25.6	24.2	---	---	21.9	19.8	18.4	17.0	20.7	18.2
7	28.7	27.1	25.5	23.6	---	---	22.6	20.6	19.3	17.6	21.0	19.3
8	27.4	26.3	24.9	23.1	---	---	22.7	21.0	19.7	18.3	20.9	20.0
9	27.8	26.5	23.8	22.5	---	---	22.8	21.3	20.4	18.8	20.0	18.0
10	27.1	26.3	23.6	22.3	---	---	22.8	21.6	20.4	19.2	19.5	17.4
11	26.4	25.6	23.5	22.3	---	---	22.8	21.5	19.2	17.3	19.6	18.1
12	27.0	25.4	23.8	22.6	---	---	22.8	21.6	18.1	16.2	20.3	18.4
13	27.2	26.0	24.4	23.0	---	---	23.5	21.6	18.7	16.4	21.1	19.1
14	27.7	26.2	24.1	23.3	---	---	23.0	21.6	19.0	17.0	21.7	20.0
15	27.1	25.7	23.3	22.3	---	---	21.7	20.6	20.1	18.1	23.2	21.0
16	26.4	24.8	23.0	21.4	---	---	20.6	19.5	21.1	18.8	23.6	22.1
17	26.1	24.2	23.3	21.4	---	---	19.5	17.8	21.9	19.3	23.2	21.8
18	26.5	24.8	23.6	21.6	---	---	18.0	16.0	21.5	19.6	21.8	20.6
19	27.1	25.8	23.4	21.8	---	---	16.8	15.4	20.5	18.9	21.0	19.1
20	27.0	26.2	---	---	---	---	16.1	15.3	21.4	19.2	21.4	19.2
21	27.4	26.4	---	---	---	---	16.9	15.0	22.2	19.9	21.7	19.9
22	27.4	26.3	---	---	---	---	17.9	15.8	23.1	20.9	23.0	20.8
23	27.3	25.7	---	---	---	---	18.1	16.7	23.6	21.6	23.2	22.4
24	27.2	25.2	---	---	---	---	16.7	14.9	24.0	22.4	23.8	22.0
25	26.8	25.3	---	---	---	---	16.5	14.6	23.6	22.8	25.4	22.7
26	26.3	25.1	---	---	---	---	17.0	15.4	23.5	22.1	27.0	24.7
27	26.2	24.8	---	---	---	---	18.2	16.6	23.1	22.5	26.4	25.3
28	25.9	24.7	---	---	---	---	19.1	17.7	23.4	22.2	25.8	24.2
29	26.1	24.9	---	---	17.2	15.8	19.9	18.1	---	---	25.4	23.3
30	26.8	25.3	---	---	18.0	16.3	20.4	19.1	---	---	24.7	22.6
31	26.7	25.3	---	---	18.7	17.5	20.9	19.0	---	---	25.9	23.7
MONTH	29.8	24.2	---	---	---	---	23.5	14.6	24.0	16.2	27.0	17.4
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	26.6	24.6	25.7	24.8	---	---	30.2	28.4	32.6	30.0	31.2	30.2
2	26.0	24.6	26.4	24.7	---	---	30.1	29.1	31.4	29.9	31.4	30.1
3	25.1	23.2	27.6	25.1	25.5	24.5	30.7	29.1	32.9	29.9	31.5	30.0
4	25.2	22.2	26.1	24.9	25.8	24.2	31.1	29.2	34.2	30.4	30.9	29.8
5	25.2	22.6	24.9	24.1	26.4	24.7	31.7	29.5	31.5	30.0	30.8	29.3
6	25.1	23.3	26.0	24.0	27.8	25.8	31.9	29.8	32.1	29.9	30.6	29.0
7	24.6	23.5	26.0	23.5	28.8	27.1	---	---	30.5	29.2	30.9	29.0
8	25.0	23.5	26.5	24.1	29.5	27.6	32.3	30.2	30.4	28.8	29.8	28.7
9	25.0	23.4	27.1	24.7	28.8	28.1	30.2	26.2	29.2	28.3	31.0	28.4
10	25.7	23.2	26.9	25.2	28.1	26.8	26.8	25.8	30.7	28.4	31.4	29.0
11	25.4	23.5	28.0	25.5	28.1	26.4	28.5	26.4	31.3	29.4	31.5	29.3
12	25.1	23.8	27.6	25.2	27.9	27.1	29.9	27.8	32.0	30.3	31.2	29.7
13	25.2	24.1	28.3	25.2	29.2	27.4	30.9	29.0	31.7	30.8	30.8	29.7
14	24.5	23.4	26.9	25.1	30.0	28.1	31.4	29.5	32.3	31.0	30.9	29.2
15	24.5	22.5	29.2	25.4	30.6	28.9	31.3	29.5	32.9	30.7	30.9	28.8
16	24.2	21.7	28.4	25.8	31.2	29.4	31.2	29.7	32.9	31.0	30.8	28.5
17	23.9	21.3	29.5	26.2	31.6	30.0	31.3	29.6	33.2	31.3	30.5	28.7
18	24.9	21.6	29.2	27.4	31.6	30.2	31.3	29.8	33.5	31.1	30.6	29.0
19	24.7	22.7	28.8	27.0	31.8	30.2	31.2	29.9	32.9	30.7	30.3	29.0
20	24.1	22.3	27.7	27.0	31.0	29.6	31.3	29.8	33.0	30.8	29.3	28.0
21	25.0	22.3	---	---	29.6	28.8	31.6	30.2	33.0	31.1	28.1	27.3
22	25.4	23.2	---	---	28.8	27.2	31.6	30.5	32.3	30.9	27.8	27.0
23	25.3	23.7	---	---	27.2	26.6	32.1	30.3	32.2	30.7	28.0	27.0
24	24.7	23.2	---	---	27.5	26.2	33.0	30.7	32.9	30.1	29.1	27.3
25	24.6	22.4	---	---	28.9	26.1	32.5	30.2	31.3	29.6	29.3	27.6
26	24.3	22.6	---	---	29.5	27.0	31.1	30.4	29.6	28.5	29.5	27.9
27	24.9	23.3	---	---	28.8	27.7	31.5	30.0	28.5	27.1	29.2	27.6
28	25.4	23.1	---	---	28.6	27.2	31.3	30.4	28.7	27.4	29.6	27.4
29	26.0	24.0	---	---	28.6	27.6	31.5	30.7	29.8	28.2	28.8	27.3
30	25.9	24.4	---	---	29.3	27.8	32.0	30.2	30.7	29.1	29.1	27.6
31	---	---	---	---	---	---	32.1	29.9	31.5	29.8	---	---
MONTH	26.6	21.3	---	---	---	---	---	---	34.2	27.1	31.5	27.0

02298208 SHELL CREEK TIDAL (2.8) NEAR PUNTA GORDA, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.7	28.0	26.7	25.7	24.3	22.7	19.8	18.1	20.5	18.6	22.7	21.3
2	29.5	28.2	27.2	25.8	24.2	22.9	20.2	18.6	19.9	19.0	22.0	20.6
3	29.3	28.1	27.6	26.0	23.7	22.3	20.4	19.0	20.2	19.2	21.2	18.2
4	29.4	28.0	27.6	26.4	22.9	21.2	20.7	19.2	20.2	18.0	19.2	17.3
5	29.2	28.0	27.4	25.6	22.2	20.8	20.6	19.5	18.3	16.9	19.8	17.7
6	29.1	28.0	25.6	24.2	22.6	21.1	21.7	19.8	18.4	17.0	20.7	18.2
7	28.7	27.0	25.3	23.6	22.8	21.3	22.4	20.5	19.2	17.7	21.0	19.3
8	27.3	26.3	24.6	23.1	23.3	21.5	22.6	21.0	19.8	18.3	20.9	19.9
9	27.7	26.5	23.6	22.6	23.7	22.0	22.7	21.3	20.4	18.8	19.9	18.0
10	27.0	26.3	23.5	22.2	23.8	22.8	22.8	21.7	20.4	19.2	19.5	17.4
11	26.4	25.5	23.4	22.3	23.5	21.5	22.8	21.5	19.2	17.3	19.6	18.1
12	27.0	25.3	23.7	22.6	21.6	19.9	22.8	21.7	18.1	16.2	20.3	18.4
13	27.2	25.9	24.3	23.0	20.9	19.3	23.5	22.0	18.6	16.4	21.1	19.1
14	27.4	25.9	24.0	23.3	20.7	18.9	23.0	21.7	19.0	17.2	21.7	20.0
15	27.0	25.7	23.3	22.4	18.9	15.9	21.7	20.6	20.1	18.1	23.2	21.0
16	26.2	24.7	22.9	21.4	16.9	14.5	20.6	19.5	20.9	18.8	23.6	22.1
17	26.1	24.1	23.2	21.3	16.8	15.5	19.5	17.8	21.6	19.3	23.2	21.8
18	26.5	24.8	23.5	21.5	18.1	16.4	18.0	16.0	21.5	19.6	21.8	20.6
19	27.0	25.8	23.3	21.9	18.1	16.9	16.8	15.3	20.5	18.8	21.0	19.1
20	26.9	26.1	23.3	22.2	17.7	16.0	16.1	15.3	21.0	19.2	21.3	19.2
21	27.4	26.4	23.6	22.0	16.9	15.1	16.8	15.1	22.2	19.8	21.7	19.9
22	27.4	26.3	24.1	22.4	16.8	15.6	17.8	15.8	23.1	20.9	23.0	20.8
23	27.2	25.7	23.8	22.7	17.8	16.8	18.1	16.7	23.6	22.0	23.2	22.4
24	27.1	25.2	24.1	22.8	18.1	17.6	16.7	14.9	24.0	22.4	23.8	22.0
25	26.7	25.3	24.1	23.1	17.6	16.7	16.4	14.6	23.6	22.8	25.4	22.7
26	26.3	25.1	23.1	22.0	16.9	15.6	17.0	15.3	23.5	22.2	27.0	24.7
27	26.1	24.8	22.9	21.5	16.3	14.6	18.2	16.6	23.1	22.5	26.4	25.3
28	25.8	24.7	23.5	22.1	16.4	14.7	19.1	17.7	23.4	22.2	25.8	24.2
29	26.1	24.8	23.2	22.0	17.2	15.4	19.9	18.1	---	---	25.3	23.3
30	26.6	25.2	23.5	22.0	18.0	16.3	20.4	19.1	---	---	24.6	22.6
31	26.7	25.5	---	---	18.7	17.5	20.9	19.1	---	---	25.7	23.6
MONTH	29.7	24.1	27.6	21.3	24.3	14.5	23.5	14.6	24.0	16.2	27.0	17.3
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	26.4	24.5	25.7	24.8	---	---	30.2	28.4	31.4	30.0	31.2	30.2
2	26.0	24.6	26.4	24.7	---	---	30.2	29.2	31.4	29.8	31.4	30.1
3	25.0	23.2	27.2	25.2	25.5	24.6	---	---	31.7	29.9	31.5	30.0
4	25.1	22.2	26.1	24.9	25.9	24.2	---	---	32.8	30.4	30.9	29.8
5	25.2	22.5	24.9	24.1	26.5	24.8	---	---	31.2	30.0	30.7	29.3
6	25.0	23.3	25.9	24.1	27.8	25.9	---	---	32.1	29.9	30.5	29.0
7	24.6	23.5	25.8	23.5	28.9	27.2	---	---	30.5	29.2	30.3	29.0
8	25.0	23.5	26.2	24.1	29.6	27.6	---	---	29.7	28.8	29.8	28.7
9	24.9	23.4	27.0	24.7	28.9	28.2	---	---	29.2	28.3	30.6	28.4
10	25.6	23.2	26.9	25.2	28.2	26.8	---	---	30.5	28.4	31.1	29.0
11	25.3	23.5	27.2	25.5	28.1	26.5	---	---	31.2	29.4	31.5	29.3
12	25.1	23.7	27.2	25.1	27.9	27.1	---	---	31.9	30.3	31.1	29.7
13	25.2	24.1	28.2	25.2	29.3	27.4	---	---	31.7	30.8	30.8	29.7
14	24.5	23.4	26.3	24.8	30.1	28.2	---	---	32.3	31.0	30.6	29.2
15	24.5	22.5	27.4	25.3	30.7	29.0	---	---	32.8	30.7	30.7	28.8
16	24.0	21.5	28.1	25.8	31.2	29.4	---	---	32.9	31.0	30.8	28.5
17	23.9	21.0	28.8	26.2	31.7	30.0	---	---	33.0	31.3	30.5	28.7
18	24.1	21.6	29.2	27.4	31.7	30.2	---	---	33.3	31.1	30.5	29.0
19	24.6	22.4	28.7	27.0	31.6	30.2	---	---	32.7	30.7	30.2	29.0
20	24.1	22.4	27.7	27.0	31.1	29.7	---	---	32.8	30.8	29.3	28.2
21	24.8	22.4	---	---	29.7	28.9	---	---	32.9	31.1	28.2	27.4
22	25.4	23.2	---	---	28.9	27.3	31.4	30.6	32.3	31.0	27.8	27.1
23	25.3	23.7	---	---	27.3	26.7	32.1	30.3	32.1	30.7	28.0	27.0
24	24.7	23.4	---	---	27.5	26.2	32.8	30.8	32.6	30.1	28.9	27.4
25	24.6	22.4	---	---	28.8	26.1	32.2	30.2	31.3	29.6	29.3	27.8
26	24.2	22.6	---	---	29.6	27.1	31.1	30.4	29.6	28.6	29.4	28.3
27	24.9	23.3	---	---	28.9	27.7	31.5	30.0	28.6	27.1	28.9	27.7
28	25.4	23.1	---	---	28.7	27.2	31.4	30.4	28.7	27.3	28.9	27.4
29	26.0	24.0	---	---	28.6	27.7	31.5	30.7	29.8	28.2	28.8	27.3
30	25.8	24.4	---	---	29.3	27.9	31.8	30.2	30.7	29.1	29.1	27.6
31	---	---	---	---	---	---	31.2	29.8	31.3	29.8	---	---
MONTH	26.4	21.0	---	---	---	---	---	---	33.3	27.1	31.5	27.0

02298300 PEACE RIVER AT PUNTA GORDA, FL.

LOCATION.--Lat 26° 56'37", long 82° 03'31" (1927 North American datum), in NE$^{1}/_{4}$ sec.1, T.41 S., R.22 E., Charlotte County, Hydrologic Unit 03100101, on upstream side of southbound U.S. Highway 41 bridge, near center of the span, on wooden fender east side, 1.0 mi northwest of Punta Gorda, and 3.5 mi upstream from mouth.

DRAINAGE AREA.--2300 mi^2, approximately.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 2002 to September 2003 (gage heights only); October 2003 to September 2005, (tidal high-high and low-low only) discontinued.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Interruptions in record were due to days in which tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low. The extremes for periods published previously as maximum and minimum gage heights are equivalent to tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 2.99 ft, Dec. 26, 2004; minimum, 3.25 ft below NGVD of 1929, Dec. 15, 2004.

EXTREMES FOR WATER YEAR 2004.--Maximum gage height, 2.34 ft, Oct. 28; minimum, 2.29 ft below NGVD of 1929.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 2.99 ft, Dec. 26; minimum, 3.25 ft below NGVD of 1929, Dec. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	1.41	-1.01	0.91	-1.36	0.17	-1.07	---	---	0.85	-0.92	---	---
2	1.39	-0.92	0.91	-0.92	-0.01	-1.32	---	---	0.57	-1.27	---	---
3	1.48	-0.70	1.47	-0.19	---	---	---	---	0.43	-1.37	---	---
4	1.66	-0.58	1.57	-0.19	---	---	---	---	0.95	-1.58	1.09	-1.07
5	1.56	-0.81	1.46	-0.06	---	---	---	---	1.30	-1.23	1.34	-0.81
6	1.69	-0.54	1.45	-0.27	---	---	---	---	1.44	-0.91	1.46	-0.73
7	1.89	-0.12	1.44	-0.42	---	---	---	---	1.70	-0.85	1.16	-1.02
8	1.65	-0.23	1.52	-0.77	---	---	---	---	0.15	-2.08	0.81	-1.21
9	1.49	-0.31	1.31	-1.15	---	---	---	---	0.52	-1.27	1.02	-1.05
10	1.51	-0.47	0.41	-1.45	---	---	---	---	0.89	-0.79	0.79	-0.64
11	1.51	-0.42	1.18	-1.28	---	---	---	---	0.93	-0.72	0.86	-1.59
12	1.80	-0.39	1.37	-1.00	---	---	---	---	1.21	-0.85	1.43	-1.24
13	1.63	-0.53	1.69	-0.77	---	---	---	---	1.03	-0.95	0.49	-1.14
14	1.70	-0.21	---	-1.28	---	---	---	---	2.15	-1.05	1.28	-1.53
15	1.63	-0.78	1.19	-0.80	---	---	---	---	1.12	-0.80	1.48	-1.37
16	0.74	-0.98	1.15	-0.70	---	---	---	---	0.76	-1.51	1.50	-0.91
17	1.21	-0.52	0.88	-0.83	---	---	---	---	0.68	-1.65	1.20	-0.84
18	---	-0.79	1.50	-0.07	---	---	---	---	-0.88	-2.18	1.03	-1.24
19	1.02	-0.72	2.21	0.23	---	---	---	---	0.40	-1.73	1.31	-0.98
20	1.25	-0.80	0.27	-0.91	---	---	---	---	1.29	-1.05	1.00	-0.93
21	1.42	-0.39	1.05	-0.80	---	---	---	---	1.58	-0.83	1.20	-0.74
22	1.35	-0.35	1.34	-1.16	---	---	---	---	1.44	-0.76	0.93	-0.74
23	1.65	-0.08	1.60	-1.01	---	---	1.22	-1.44	1.01	-0.78	0.17	-1.53
24	1.44	-0.50	1.88	-0.95	---	---	0.99	-1.20	1.57	0.29	0.22	-1.55
25	1.44	-0.92	1.99	-1.01	---	---	1.10	-0.79	1.73	-0.43	1.03	-1.44
26	1.50	-0.99	1.84	-1.10	---	---	1.27	-0.43	1.48	-0.19	0.80	-1.24
27	1.98	-0.72	1.80	-0.97	---	---	1.35	-0.02	0.01	-0.55	1.10	-1.32
28	2.34	-0.31	1.67	-0.95	---	---	-0.03	-1.15	0.46	-1.83	0.68	-1.01
29	2.07	-1.10	-0.59	-2.29	---	---	0.78	-1.49	---	---	0.79	-1.10
30	1.32	-1.37	0.01	-1.38	---	---	0.41	-0.83	---	---	1.01	-1.37
31	0.50	-1.51	---	---	---	---	0.37	-1.50	---	---	0.89	-0.79
MAX	---	-0.08	---	0.23	---	---	---	---	---	---	---	---
MIN	---	-1.51	---	-2.29	---	---	---	---	---	---	---	---

PEACE RIVER BASIN—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	1.41	-0.40	1.12	-0.81	---	---	1.85	-1.22	2.47	-0.60	---	---
2	0.73	-1.01	1.83	-0.32	---	---	1.92	-1.25	1.74	-0.57	---	---
3	---	---	1.65	-0.87	---	---	2.07	-1.10	1.80	0.18	---	---
4	---	---	0.80	-1.50	---	---	1.93	---	1.55	-0.42	---	---
5	---	---	1.06	-1.60	---	---	1.72	-1.09	1.36	-0.22	---	---
6	---	---	1.41	---	---	---	1.45	-0.97	1.59	-0.09	---	---
7	---	---	1.42	-1.41	---	---	1.05	-0.89	1.44	-0.30	---	---
8	---	---	1.64	-1.34	---	---	0.93	-0.59	1.55	-0.44	---	---
9	1.79	-0.85	1.59	-1.22	---	---	0.93	-0.37	0.48	-0.94	---	---
10	1.44	-0.93	1.17	-1.07	---	---	1.06	-0.96	1.13	-1.10	---	---
11	1.74	-1.17	0.64	-0.98	---	---	1.23	-1.10	---	---	---	---
12	2.24	-0.77	1.07	-0.90	---	---	0.91	-1.03	---	---	---	---
13	1.64	-0.30	0.76	-0.67	---	---	1.50	-0.80	---	---	---	---
14	0.23	-1.46	0.67	-0.71	---	---	1.42	-0.98	---	---	---	---
15	-0.26	-1.85	0.86	-0.78	---	---	1.54	-1.03	---	---	---	---
16	0.25	-1.41	0.69	-1.15	1.47	-1.11	1.65	-0.99	---	---	---	---
17	0.24	-1.27	0.85	-0.99	1.37	-1.18	1.89	-0.74	---	---	---	---
18	0.47	-1.28	1.02	-1.16	1.55	-1.09	2.10	-0.64	---	---	---	---
19	0.83	-1.34	1.32	-0.99	1.65	-0.94	1.92	---	---	---	---	---
20	0.99	-1.18	1.29	-1.11	1.58	---	1.42	-0.57	---	---	---	---
21	1.39	-0.97	1.16	---	1.62	-0.96	1.19	-0.77	---	---	---	---
22	1.36	-0.06	1.43	-1.14	1.56	-0.77	0.92	-0.87	---	---	---	---
23	0.92	-1.23	---	---	1.36	-0.90	0.93	-0.73	---	---	---	---
24	1.15	-1.36	---	---	0.92	-0.58	1.11	-0.52	---	---	---	---
25	1.14	-1.11	---	---	0.87	-0.59	1.19	-0.62	---	---	---	---
26	1.10	-1.05	---	---	0.90	-0.44	1.32	-0.94	---	---	---	---
27	0.87	-0.82	---	---	1.16	-1.02	1.46	-1.19	---	---	---	---
28	0.53	-1.49	---	---	1.30	-0.93	1.47	-1.37	---	---	---	---
29	0.50	-1.25	---	---	1.50	-1.18	1.74	-1.20	---	---	---	---
30	1.06	-1.04	---	---	1.66	-1.20	1.93	-0.94	---	---	---	---
31	---	---	---	---	---	---	2.11	-0.74	---	---	---	---
MAX	---	---	---	---	---	---	2.11	---	---	---	---	---
MIN	---	---	---	---	---	---	0.91	---	---	---	---	---

02298300 PEACE RIVER AT PUNTA GORDA, FL.--Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	1.85	-0.49	1.27	-1.24	0.66	-1.15	1.34	-0.69	0.64	-0.78
2	---	---	1.69	-0.43	0.89	-1.05	0.80	-0.88	1.31	-0.77	0.71	-1.04
3	---	---	1.19	-0.58	0.57	-1.29	0.78	-0.98	1.76	-1.08	0.26	-1.50
4	---	---	---	-0.37	0.63	-1.11	0.92	-0.93	0.75	-1.02	0.85	-1.96
5	---	---	1.55	-0.71	0.62	-1.07	1.19	-1.04	1.28	-1.79	0.74	-1.75
6	---	---	0.17	-0.99	0.91	-0.53	1.36	-1.24	---	-1.57	1.10	-1.65
7	---	---	0.96	-0.52	1.23	-0.77	1.39	-1.31	1.95	-1.15	0.68	-1.42
8	---	---	0.90	-0.57	1.07	-0.87	---	-1.50	2.11	-0.70	1.80	-0.33
9	---	---	0.85	-0.66	0.86	-1.27	1.34	-1.77	2.27	-0.53	0.94	-1.43
10	---	---	0.85	-1.11	1.73	-0.89	1.28	-1.70	2.28	-0.24	0.81	-1.42
11	---	---	1.27	-0.90	1.81	-0.99	1.58	-1.43	0.88	-1.27	1.22	-0.72
12	---	---	2.04	-0.59	1.00	-2.11	1.82	-1.15	0.99	-0.96	0.81	-0.97
13	---	---	2.39	-0.61	1.30	-1.74	1.64	-0.64	1.64	-0.51	1.15	-0.38
14	---	---	1.75	-1.51	1.54	-1.61	1.77	-0.69	1.43	-0.22	0.94	-0.91
15	---	---	0.73	-2.10	-0.60	-3.25	0.14	-1.50	1.23	-0.45	1.04	-1.37
16	---	---	1.32	-1.47	0.01	-2.05	-0.12	-1.20	1.23	-0.82	1.65	-1.20
17	---	---	0.76	-1.17	0.44	-1.37	0.04	-1.78	1.22	-0.69	1.01	-0.87
18	---	---	0.99	-0.91	0.59	-1.04	0.13	-2.02	0.61	-1.19	0.35	-1.11
19	---	-0.69	1.20	-0.55	0.69	-0.80	0.85	-1.97	0.76	-1.75	0.17	-1.54
20	1.77	-0.68	1.30	-0.29	0.05	-1.23	1.40	-1.44	0.49	-1.39	0.85	-1.49
21	1.06	-0.93	1.26	-0.16	0.82	-1.47	1.54	-0.81	1.09	-1.13	0.95	-1.17
22	1.01	-0.95	1.13	-0.40	1.40	-1.41	0.99	-0.96	1.18	-1.12	1.30	-0.66
23	1.32	-0.75	1.60	-0.39	1.33	-0.83	1.92	-0.75	1.09	-1.18	1.27	-0.71
24	1.53	-0.32	1.86	-0.16	0.41	-1.33	---	-2.26	1.39	-0.72	1.36	-0.77
25	1.51	-0.31	2.40	0.07	0.23	-1.89	0.98	-1.38	1.22	-0.74	1.16	-0.66
26	1.42	-0.58	1.10	-1.45	2.99	-1.22	1.48	-0.83	0.97	-0.89	1.21	-0.72
27	1.43	-0.86	1.20	-1.10	-0.18	-2.57	1.58	-0.97	2.61	-0.07	1.75	-0.40
28	1.55	-0.85	0.62	-0.98	-0.06	-2.29	1.33	-0.99	1.41	-0.09	1.53	-0.70
29	1.74	-0.81	0.92	-1.48	0.48	-1.68	0.88	-1.04	---	---	1.16	-0.40
30	1.86	-0.70	---	-1.34	0.26	-1.69	1.46	-0.11	---	---	1.26	-1.29
31	1.94	-0.67	---	---	0.85	-1.30	1.18	-0.37	---	---	1.66	-1.36
MAX	---	---	---	0.07	2.99	-0.53	---	-0.11	---	-0.07	1.80	-0.33
MIN	---	---	---	-2.10	-0.60	-3.25	---	-2.26	---	-1.79	0.17	-1.96
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	1.75	-1.15	1.66	-0.82	1.29	-0.25	1.57	-0.77	1.56	-1.08	1.76	-0.93
2	0.93	-0.55	1.00	-0.75	1.17	-0.50	1.62	-0.83	1.74	-1.11	1.91	-0.75
3	0.57	-1.92	1.12	-0.94	1.69	-0.42	1.73	-0.84	1.67	-1.10	1.59	-0.51
4	1.05	-1.81	1.36	-0.46	1.39	-0.91	1.67	-1.13	1.53	-1.52	1.33	-0.59
5	0.71	-1.29	1.68	-0.38	1.64	-1.06	1.81	-1.02	1.68	-1.09	1.13	-0.48
6	1.35	-0.80	1.21	-1.16	1.55	-1.12	1.99	-0.92	1.55	-1.13	1.29	-0.51
7	1.74	-0.28	0.97	-1.23	1.56	-1.11	1.80	-1.05	1.50	-0.75	1.41	-0.43
8	1.74	-0.56	1.59	-1.01	1.55	-1.14	1.75	-1.01	1.27	-0.63	1.44	-0.48
9	1.34	-1.02	1.67	-0.99	1.76	-1.20	1.82	-0.38	1.15	-0.55	1.41	-0.49
10	1.28	-1.33	1.77	-1.02	1.18	-0.24	2.78	2.33	1.13	-0.41	1.40	-0.73
11	1.66	---	1.60	---	1.93	1.09	1.49	0.20	1.17	-0.57	1.19	-0.89
12	1.92	-0.90	1.50	-1.18	1.26	-0.26	1.23	-0.87	1.44	-0.57	1.03	-0.68
13	1.54	-0.36	1.11	-1.00	0.84	-0.86	1.13	-0.53	1.44	-0.70	1.50	-0.65
14	1.49	-0.85	1.37	-1.13	1.00	-0.63	1.26	-0.32	1.54	-0.97	2.19	-0.49
15	0.12	-1.19	0.99	-0.68	1.13	-0.43	1.44	-0.46	1.50	-1.24	2.06	-0.61
16	0.27	-1.94	1.05	-0.76	1.21	-0.40	1.51	-0.74	0.81	-1.17	2.23	-0.43
17	0.47	-1.96	0.85	-0.79	1.45	-0.63	1.44	-1.13	1.94	-1.15	1.97	-0.20
18	0.54	-1.59	0.74	-0.74	1.68	-0.89	1.64	-1.31	2.22	-0.86	1.77	-0.17
19	0.99	-1.25	0.86	-0.77	1.52	-1.20	1.94	-1.26	2.14	-0.66	1.43	-0.49
20	1.05	-0.83	1.31	-0.41	2.10	-0.84	1.96	-1.12	2.02	-0.68	0.67	-1.60
21	1.27	-0.50	1.62	-0.65	1.69	-1.29	2.01	-1.14	1.90	-0.48	2.30	-0.69
22	1.43	-0.48	1.47	-0.90	2.01	-1.28	2.12	-0.92	1.59	-0.33	2.36	-0.25
23	1.79	-0.10	1.68	-0.97	1.89	---	1.72	-0.04	1.51	-0.35	1.47	-0.27
24	1.19	-0.95	1.85	-0.80	1.54	-1.50	1.63	-0.98	1.54	-0.48	1.85	-0.35
25	1.39	-1.10	2.08	---	1.93	-1.53	1.60	-0.83	1.32	-1.13	1.40	-0.53
26	2.09	0.36	1.97	-0.96	1.75	-1.00	1.24	-0.53	-0.89	-2.11	1.11	-0.41
27	1.88	-0.82	1.87	-1.04	1.21	-0.55	1.28	-0.58	2.04	0.99	1.51	-0.42
28	1.11	-1.21	1.56	-1.00	1.12	-0.86	1.19	-0.92	2.15	0.19	1.74	-0.27
29	1.64	-1.31	1.24	-0.94	1.30	-0.30	1.34	-0.94	1.52	-0.13	1.71	-0.35
30	1.88	-0.86	1.42	-0.85	1.40	-0.51	1.24	-1.24	1.99	-0.38	1.59	-0.06
31	---	---	1.22	-0.30	---	---	1.46	-1.10	1.65	-0.72	---	---
MAX	2.09	---	2.08	---	2.10	---	2.78	2.33	2.22	0.99	2.36	-0.06
MIN	0.12	---	0.74	---	0.84	---	1.13	-1.31	-0.89	-2.11	0.67	-1.60

02298300 PEACE RIVER AT PUNTA GORDA, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 2002 to September 2005 (discontinued).

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located 2.0 ft below the surface and 8.0 ft above the bottom.

REMARKS.--Specific conductance records poor, temperature records fair.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 41,600 microsiemens, Feb. 5, 2004; bottom sensor maximum, 43,300 microsiemens, Dec. 21, 2004, Jan. 11, 2005; top sensor minimum, 163 microsiemens, June 25, 2003; bottom sensor minimum, 171 microsiemens, June 25, 2003.

TEMPERATURE.--Top sensor maximum, 34.6° C, July 10, 2004; bottom sensor maximum, 33.4° C, Aug. 14, 2005; top sensor minimum, 12.4° C, Jan. 19, 2003; bottom sensor minimum, 11.7° C, Jan. 25, 2003.

EXTREMES FOR 2004 WATER YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 41,600 microsiemens, Feb. 5; bottom sensor maximum, 43,100 microsiemens, June 17; top sensor minimum, 576 microsiemens, Aug. 7; bottom sensor minimum, 970 microsiemens, Aug. 6, 7.

TEMPERATURE.--Top sensor maximum, 34.6°C, July 10; bottom sensor maximum, 33.0°C, June 26; top sensor minimum, 13.3°C, Dec. 21; bottom sensor minimum, 13.6°C, Dec. 21.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 40,900 microsiemens, Feb. 1,5; bottom sensor maximum, 43,300 microsiemens, dEC. 21, Jan. 11; top sensor minimum, 196 microsiemens, July 12; bottom sensor minimum, 190 microsiemens, July 12.

TEMPERATURE.--Top sensor maximum, 34.2° C, Aug. 17; bottom sensor maximum, 33.4° C, Aug. 14; top sensor minimum, 13.3° C, Dec. 16; bottom sensor minimum, 13.8° C, Dec. 28.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	28,500	1,580	31,000	19,500	36,600	27,800	35,300	24,700	38,100	29,700	34,600	14,800
2	26,000	2,980	30,600	22,600	36,800	28,800	35,400	24,500	38,800	26,400	35,200	17,100
3	31,400	5,440	31,400	25,600	36,700	29,800	37,500	26,100	38,800	24,600	36,700	16,800
4	30,000	6,090	31,700	26,200	37,100	32,200	38,200	28,400	41,200	24,500	36,100	19,000
5	29,200	5,700	31,300	26,200	37,500	32,100	37,600	29,600	41,600	27,300	31,700	20,300
6	32,200	6,680	31,200	24,300	36,900	29,000	36,600	28,200	39,600	30,000	31,100	18,700
7	28,700	10,900	32,800	24,100	36,500	23,100	36,000	26,300	39,300	27,400	30,000	14,500
8	29,400	10,600	34,000	22,600	37,300	25,300	38,300	24,700	34,000	18,600	27,900	10,500
9	33,100	12,200	34,800	21,400	39,200	29,700	38,000	30,500	36,300	23,000	29,700	11,100
10	33,000	14,300	32,400	18,700	40,300	34,500	38,000	29,200	37,400	28,100	29,200	15,600
11	29,700	15,700	35,100	22,600	40,200	31,100	34,700	23,200	38,700	27,000	29,400	13,100
12	28,600	14,300	35,800	23,700	38,100	30,000	35,700	23,900	39,300	26,200	32,700	17,000
13	25,400	13,400	35,900	24,600	37,100	30,600	36,900	29,400	39,200	27,200	33,900	19,300
14	23,900	14,200	33,600	22,600	38,300	33,400	36,600	28,900	39,600	25,400	31,700	18,800
15	23,000	6,620	35,700	24,700	35,600	25,200	35,800	31,300	37,000	29,900	32,700	22,600
16	22,000	13,100	35,500	27,300	36,500	27,800	36,400	27,800	35,600	22,600	31,900	26,800
17	24,100	17,000	34,200	27,300	36,100	28,000	37,100	26,900	36,000	20,300	31,800	23,600
18	23,900	13,400	36,500	32,000	34,100	19,700	36,800	30,400	33,700	18,100	30,800	20,400
19	28,300	16,500	37,400	33,700	32,500	16,700	36,100	26,000	34,300	18,300	32,000	23,600
20	30,600	20,400	35,100	28,000	30,800	14,600	35,400	20,700	35,900	25,300	33,200	25,200
21	31,700	24,100	35,400	26,900	33,100	14,100	35,700	17,600	35,900	28,100	34,700	25,600
22	30,900	24,300	35,400	26,000	34,000	16,200	---	---	36,300	27,200	32,500	22,500
23	30,900	24,900	35,700	26,600	37,000	21,700	---	---	37,500	27,200	31,400	17,500
24	31,200	19,800	36,200	28,100	34,900	22,900	---	---	38,500	30,900	31,900	19,400
25	32,800	21,400	35,800	26,300	34,900	16,200	---	---	36,700	26,100	33,200	19,700
26	32,400	22,200	35,000	24,400	36,700	19,200	---	---	32,600	19,300	32,900	21,000
27	32,600	23,900	35,000	26,300	37,100	22,600	35,700	26,700	22,600	7,740	32,300	21,200
28	32,500	25,800	35,500	27,900	36,600	25,700	29,600	19,500	30,500	8,040	32,300	23,000
29	32,300	18,000	33,600	21,500	35,600	28,200	37,000	19,500	30,900	14,400	32,100	22,300
30	31,400	18,700	34,200	25,400	36,800	29,000	38,500	22,000	---	---	34,300	22,600
31	30,200	18,400	---	---	34,900	26,400	36,500	22,900	---	---	34,700	28,700
MONTH	33,100	1,580	37,400	18,700	40,300	14,100	---	---	41,600	7,740	36,700	10,500

02298300 PEACE RIVER AT PUNTA GORDA, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	34,900	30,400	38,200	31,800	39,700	33,900	38,200	22,700	32,400	16,700	---	---
2	33,900	27,600	38,300	31,300	39,800	32,100	39,300	22,600	29,200	8,210	---	---
3	33,900	27,800	37,500	27,100	40,300	32,100	38,200	21,500	23,800	7,610	---	---
4	34,300	29,600	34,700	20,400	40,300	31,000	37,900	21,900	17,900	4,360	---	---
5	34,700	28,800	35,100	20,800	39,600	31,300	37,800	22,000	14,700	1,170	---	---
6	35,200	28,100	35,700	20,500	39,200	31,600	37,700	22,500	9,290	628	---	---
7	35,600	28,200	37,700	21,300	38,400	30,200	34,800	21,100	6,060	576	---	---
8	36,700	28,500	36,000	20,200	38,000	30,900	34,700	21,500	22,600	929	---	---
9	36,700	29,400	34,300	23,000	37,700	31,400	32,600	23,200	12,700	742	---	---
10	36,700	27,600	34,200	23,700	37,800	32,700	35,500	18,500	25,400	1,830	---	---
11	37,700	26,800	34,400	21,300	37,800	32,000	39,600	23,600	---	---	---	---
12	35,800	30,000	35,800	24,500	38,100	32,300	33,000	17,800	---	---	---	---
13	35,700	30,500	35,800	28,600	38,300	29,400	36,300	10,800	---	---	---	---
14	34,200	22,700	35,100	28,900	37,300	28,500	31,000	12,200	---	---	---	---
15	33,200	20,500	36,300	30,200	39,900	26,400	35,100	16,300	---	---	---	---
16	35,600	24,000	36,600	29,200	39,700	22,900	34,500	15,600	---	---	---	---
17	35,500	28,400	37,300	29,500	40,000	23,700	35,600	17,100	---	---	---	---
18	37,300	28,500	37,100	29,200	39,600	23,600	34,700	18,800	---	---	---	---
19	37,600	28,800	38,200	30,900	38,000	23,600	33,200	17,000	---	---	---	---
20	37,500	29,700	38,500	30,100	38,000	24,300	27,100	12,200	---	---	---	---
21	37,300	29,700	38,400	29,600	37,300	23,300	29,100	9,400	---	---	---	---
22	37,700	30,600	39,600	29,800	37,600	24,100	30,300	7,920	---	---	---	---
23	37,200	28,700	39,900	31,800	36,400	20,100	37,000	11,000	---	---	---	---
24	38,000	28,900	38,200	31,900	34,400	24,200	38,900	15,000	---	---	---	---
25	37,600	30,800	40,000	30,900	33,800	20,400	37,900	19,500	---	---	---	---
26	38,900	29,600	39,500	32,900	35,300	24,400	33,000	15,700	---	---	---	---
27	37,500	29,300	39,000	32,400	37,100	25,600	31,200	17,000	---	---	---	---
28	37,700	26,800	38,900	34,400	36,300	27,300	33,200	13,300	---	---	---	---
29	36,800	29,900	39,400	34,200	37,300	23,200	37,700	16,300	---	---	---	---
30	37,200	31,000	39,600	35,200	39,500	20,800	34,700	19,500	---	---	---	---
31	---	---	39,400	35,300	---	---	33,300	17,000	---	---	---	---
MONTH	38,900	20,500	40,000	20,200	40,300	20,100	39,600	7,920	---	---	---	---

02298300 PEACE RIVER AT PUNTA GORDA, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	31,500	1,540	33,000	21,300	39,900	31,500	37,700	26,000	38,600	31,000	36,400	20,300
2	31,500	4,100	32,300	23,800	37,900	32,400	37,700	25,700	38,600	27,700	37,000	19,100
3	31,500	9,920	31,800	26,900	39,100	32,500	37,900	25,400	39,700	25,900	37,300	19,000
4	30,500	9,780	33,500	26,400	39,300	32,900	38,000	26,200	40,400	24,200	37,400	19,800
5	30,600	6,760	33,500	27,100	39,100	33,500	37,800	28,100	41,000	26,700	35,600	22,700
6	32,700	9,080	34,100	26,100	37,700	28,600	37,200	28,400	39,200	29,400	32,800	19,700
7	33,300	11,800	34,700	25,600	38,300	27,100	35,300	22,200	39,000	28,700	31,400	18,100
8	34,900	12,400	35,800	24,700	38,800	28,600	36,700	25,200	36,400	18,500	32,300	11,400
9	35,700	14,900	36,400	20,900	40,500	29,700	36,900	30,400	37,700	26,700	34,800	16,600
10	35,600	17,400	33,900	20,200	40,900	33,200	36,500	27,800	38,900	29,800	28,900	15,400
11	35,100	19,200	35,100	22,000	39,400	30,200	35,700	23,400	39,000	27,100	33,800	14,200
12	32,300	18,600	36,300	23,100	37,800	29,900	36,800	27,600	38,800	29,900	35,300	20,500
13	31,500	14,900	36,800	25,600	38,100	29,400	36,100	29,500	39,300	33,100	36,700	22,200
14	28,800	18,800	36,300	21,800	37,900	31,700	35,900	30,500	38,500	28,400	35,500	20,900
15	28,900	9,340	36,400	25,000	37,600	24,700	34,900	31,500	36,500	29,900	34,700	22,800
16	31,800	14,500	37,000	27,500	37,400	28,700	36,300	31,000	35,700	22,600	33,300	25,000
17	28,400	18,100	38,000	27,300	36,700	28,400	36,900	27,000	35,800	25,100	33,200	24,700
18	31,400	17,000	37,300	33,000	35,200	22,700	37,700	29,500	35,100	18,000	35,400	20,500
19	32,800	20,300	36,300	33,100	33,200	21,100	37,500	26,000	36,700	22,800	36,000	22,700
20	37,000	23,600	34,900	27,000	34,300	16,000	36,100	20,700	36,500	27,500	35,800	23,500
21	36,800	28,300	36,700	28,000	34,300	11,500	36,300	20,700	36,400	30,100	34,400	24,500
22	31,800	29,300	37,600	27,500	34,600	16,600	35,100	21,800	37,000	27,800	30,900	20,300
23	31,200	27,400	38,700	29,100	35,000	22,700	35,900	19,100	37,200	28,500	31,300	19,200
24	35,200	24,700	37,900	29,300	34,900	23,200	36,300	23,700	38,100	31,500	31,300	18,700
25	36,100	22,700	38,100	28,700	34,500	17,600	37,300	26,600	36,200	27,200	31,800	20,000
26	34,100	22,900	37,300	27,700	37,100	18,800	37,600	29,900	35,400	25,400	31,500	20,100
27	34,100	24,600	39,400	28,000	37,000	23,800	36,500	29,800	33,100	13,500	33,900	20,300
28	33,600	25,700	39,500	29,600	36,800	25,500	36,300	25,200	36,800	11,500	34,400	23,400
29	32,600	18,800	34,500	17,600	37,500	28,600	39,500	25,900	36,700	16,700	36,300	23,100
30	32,500	19,500	38,400	27,300	36,700	29,900	38,800	29,800	---	---	35,900	23,600
31	31,300	19,000	---	---	36,900	28,200	39,500	24,000	---	---	34,500	28,800
MONTH	37,000	1,540	39,500	17,600	40,900	11,500	39,500	19,100	41,000	11,500	37,400	11,400
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	35,000	29,300	38,300	31,000	40,000	34,300	40,700	24,900	31,400	17,500	---	---
2	33,600	27,900	37,500	31,600	40,200	33,100	40,400	24,300	28,100	9,350	---	---
3	34,900	27,400	37,600	27,800	40,500	31,700	40,400	24,700	23,400	9,120	---	---
4	33,900	28,700	35,800	20,400	40,700	31,800	38,800	24,200	21,800	7,300	---	---
5	35,000	29,700	39,200	20,600	40,500	31,300	40,700	22,300	15,200	1,750	---	---
6	35,800	29,400	39,200	22,600	39,900	30,700	38,800	23,600	16,200	970	---	---
7	36,800	29,600	39,400	21,700	39,400	31,300	38,200	25,300	27,200	970	---	---
8	36,400	29,600	38,800	21,600	39,500	31,700	39,900	26,100	27,700	4,190	---	---
9	36,400	29,500	38,600	23,200	39,800	30,900	38,800	24,900	28,000	1,530	---	---
10	35,800	28,600	37,800	23,700	40,100	34,400	39,700	25,500	31,400	4,340	---	---
11	36,300	26,600	40,100	23,500	40,200	33,400	39,500	25,600	---	---	---	---
12	34,400	28,300	39,900	25,400	39,800	33,300	39,600	21,700	---	---	---	---
13	33,900	29,200	38,000	28,400	40,100	29,800	40,400	22,500	---	---	---	---
14	33,600	22,100	37,500	28,800	41,000	29,200	36,200	19,100	---	---	---	---
15	34,100	20,200	38,100	30,400	42,800	19,600	35,300	18,500	---	---	---	---
16	36,700	24,800	37,400	28,500	42,200	25,000	34,900	16,600	---	---	---	---
17	37,100	27,300	37,800	29,300	43,100	24,800	36,300	20,600	---	---	---	---
18	36,600	29,400	38,100	28,600	42,500	27,700	35,700	20,600	---	---	---	---
19	36,600	29,100	38,300	30,000	40,600	29,000	32,400	19,000	---	---	---	---
20	36,700	30,500	38,900	29,700	38,400	28,800	31,800	13,400	---	---	---	---
21	37,200	31,400	39,500	29,200	37,700	27,300	32,600	13,800	---	---	---	---
22	36,500	30,600	40,600	29,800	37,600	27,200	38,400	17,300	---	---	---	---
23	37,300	29,300	40,500	31,200	39,000	25,100	38,700	30,500	---	---	---	---
24	37,400	28,300	40,800	32,000	37,900	27,000	39,100	25,300	---	---	---	---
25	37,200	30,000	40,800	31,200	39,100	25,700	39,300	24,500	---	---	---	---
26	37,200	31,000	39,600	32,500	39,400	27,500	38,800	19,400	---	---	---	---
27	36,200	32,000	38,900	32,900	40,900	27,200	37,100	17,300	---	---	---	---
28	38,800	26,200	38,400	34,100	40,800	28,600	36,800	15,000	---	---	---	---
29	38,700	29,100	38,900	34,600	39,700	24,800	38,300	17,400	---	---	---	---
30	38,100	30,400	39,800	35,300	41,200	24,900	36,400	20,300	---	---	---	---
31	---	---	39,200	35,000	---	---	34,000	19,700	---	---	---	---
MONTH	38,800	20,200	40,800	20,400	43,100	19,600	40,700	13,400	---	---	---	---

02298300 PEACE RIVER AT PUNTA GORDA, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	28.6	25.9	25.3	23.6	20.0	17.5	21.4	18.6	18.9	16.7	20.2	18.7
2	28.2	25.6	25.4	23.6	19.5	17.6	20.1	18.8	19.0	17.8	20.4	19.0
3	28.5	25.6	24.8	23.9	19.3	17.7	21.0	19.2	20.0	18.2	21.5	19.6
4	28.5	26.5	25.4	24.2	20.4	18.5	20.9	19.2	20.6	18.4	22.5	20.0
5	28.6	26.3	26.3	24.7	20.6	19.8	21.3	20.1	20.3	18.2	23.5	20.9
6	29.1	26.2	27.1	25.3	19.9	17.7	22.5	20.5	21.6	19.5	24.5	21.8
7	28.7	26.4	27.8	25.2	18.0	15.8	21.6	18.4	21.6	20.0	25.7	23.4
8	29.6	26.4	27.6	25.5	19.0	15.8	19.3	16.8	20.2	17.1	25.2	22.9
9	29.2	26.6	26.5	25.4	18.3	16.5	19.2	17.7	19.5	16.0	23.4	20.2
10	28.3	26.7	25.9	24.6	18.6	17.6	19.1	16.7	21.4	18.1	22.1	20.3
11	28.3	26.8	25.3	24.1	18.6	17.8	16.9	14.1	21.3	19.1	21.7	17.9
12	29.2	27.0	25.4	23.7	18.4	16.9	17.0	13.9	22.2	20.2	21.7	18.6
13	29.7	27.8	25.8	23.6	18.5	16.8	16.9	14.6	22.8	21.2	22.2	19.9
14	29.5	28.0	24.8	22.3	19.1	17.8	17.7	14.9	22.3	21.2	21.8	20.0
15	29.5	27.4	24.1	21.5	18.7	17.2	17.5	16.0	22.0	21.2	22.2	20.8
16	27.8	25.1	24.1	21.8	18.8	16.6	19.0	16.5	21.2	19.8	22.3	21.6
17	28.4	25.1	24.8	22.7	18.8	17.1	17.7	16.8	20.1	18.1	23.9	21.8
18	28.3	25.4	25.0	23.4	17.7	15.9	18.5	17.2	18.7	16.5	25.1	21.8
19	28.4	25.4	24.1	23.3	17.1	16.1	19.2	17.8	18.4	15.4	25.2	22.0
20	27.6	25.3	23.3	21.8	16.3	14.2	19.2	17.6	18.6	16.8	24.0	21.9
21	27.5	25.3	22.8	20.9	15.5	13.3	19.2	16.8	20.2	17.6	24.5	21.7
22	26.9	24.9	22.7	21.1	16.4	14.0	18.2	15.3	21.7	18.6	24.3	22.6
23	27.2	25.3	22.8	21.1	18.0	15.1	17.3	14.8	21.7	19.5	22.9	20.3
24	27.0	25.0	22.7	21.6	18.1	15.9	18.3	14.5	22.9	20.7	21.0	19.4
25	26.1	24.9	24.0	22.2	18.1	16.7	18.2	15.8	23.1	20.8	21.1	19.1
26	26.5	25.1	25.1	22.7	18.7	15.6	19.6	17.5	22.1	20.6	21.7	19.8
27	26.8	25.4	24.3	22.9	18.2	15.7	20.6	19.2	21.8	18.7	22.2	20.3
28	26.5	26.0	24.8	22.9	18.2	16.0	19.8	16.8	19.6	17.1	23.7	20.7
29	27.3	25.1	23.8	18.7	18.6	16.9	17.9	15.9	19.8	17.5	23.8	21.4
30	25.8	23.9	18.9	16.5	19.4	17.6	17.7	17.1	---	---	23.9	21.4
31	25.6	23.8	---	---	21.1	18.5	17.2	16.8	---	---	23.8	22.4
MONTH	29.7	23.8	27.8	16.5	21.1	13.3	22.5	13.9	23.1	15.4	25.7	17.9
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	23.0	22.0	27.9	25.8	31.7	30.0	32.1	28.5	30.1	28.7	---	---
2	22.6	21.1	28.1	26.6	31.6	29.9	31.5	29.6	29.2	27.9	---	---
3	22.4	20.9	27.6	26.4	31.6	29.5	31.5	29.4	29.0	27.6	---	---
4	22.3	20.9	27.3	25.4	31.7	29.7	31.7	29.9	29.1	27.7	---	---
5	22.6	20.7	27.5	24.2	31.1	29.5	32.5	30.0	29.6	27.8	---	---
6	22.6	20.7	27.1	23.4	31.0	29.3	32.5	30.1	---	---	---	---
7	23.3	21.4	27.1	23.9	30.9	29.4	31.8	30.2	---	---	---	---
8	24.2	22.5	27.2	24.5	30.4	28.9	32.7	29.8	29.9	28.8	---	---
9	25.4	23.5	26.8	24.8	30.7	28.5	33.1	30.5	31.7	28.7	---	---
10	27.3	24.7	25.8	24.7	31.0	28.2	34.6	30.8	31.9	29.1	---	---
11	26.9	25.4	25.6	24.5	30.8	28.8	34.5	30.7	---	---	---	---
12	26.1	23.6	26.3	24.7	32.4	28.9	32.8	29.4	---	---	---	---
13	23.7	22.4	26.5	24.9	32.4	29.3	33.1	30.7	---	---	---	---
14	22.5	20.1	27.0	25.1	31.3	28.9	33.0	30.3	---	---	---	---
15	22.6	19.1	26.9	25.2	32.4	29.0	32.8	30.5	---	---	---	---
16	23.3	19.5	27.4	25.4	31.8	28.9	32.1	30.3	---	---	---	---
17	22.7	20.3	27.4	25.7	31.6	29.1	31.1	30.0	---	---	---	---
18	23.1	20.6	28.1	25.7	32.1	29.2	30.7	29.5	---	---	---	---
19	23.8	21.1	27.8	25.7	31.8	29.7	30.1	28.9	---	---	---	---
20	24.2	21.6	29.1	25.6	32.1	30.1	28.9	27.6	---	---	---	---
21	24.4	21.7	29.0	25.7	32.0	30.3	30.8	27.2	---	---	---	---
22	25.3	22.7	29.2	26.0	32.2	30.3	31.1	27.6	---	---	---	---
23	27.2	24.0	28.9	26.6	32.9	30.5	31.2	28.4	---	---	---	---
24	26.9	24.2	28.9	26.7	32.3	30.1	32.8	29.1	---	---	---	---
25	26.4	25.3	28.9	26.6	32.8	29.9	33.4	29.7	---	---	---	---
26	26.8	25.3	29.7	27.7	33.6	30.5	32.8	29.7	---	---	---	---
27	26.6	25.7	30.4	28.6	32.8	30.1	32.1	29.7	---	---	---	---
28	26.5	23.9	30.8	28.7	31.6	29.7	31.5	30.0	---	---	---	---
29	25.7	24.6	31.0	28.9	30.8	28.4	32.4	29.6	---	---	---	---
30	27.3	24.8	31.5	29.4	30.8	27.6	31.2	28.8	---	---	---	---
31	---	---	31.7	30.0	---	---	30.9	28.6	---	---	---	---
MONTH	27.3	19.1	31.7	23.4	33.6	27.6	34.6	27.2	---	---	---	---

02298300 PEACE RIVER AT PUNTA GORDA, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	28.6	25.9	25.0	23.7	19.6	17.7	19.8	17.8	17.8	16.5	19.0	18.5
2	28.5	26.0	25.2	23.7	19.3	17.7	19.2	17.9	18.7	17.1	20.1	18.7
3	28.4	26.9	24.6	23.7	19.0	17.8	19.5	18.2	18.6	17.3	19.9	19.1
4	28.3	27.0	25.2	24.0	19.7	18.3	20.0	18.5	18.6	17.8	20.9	19.6
5	28.3	27.1	26.1	24.5	20.3	19.4	20.9	19.4	19.7	17.9	23.0	20.3
6	28.8	27.3	26.6	25.0	19.7	18.2	21.5	20.6	21.2	19.1	24.1	21.7
7	28.3	26.2	26.6	25.1	18.2	15.7	21.4	18.6	21.2	20.2	25.3	23.3
8	29.0	26.3	26.8	25.4	16.8	15.6	18.6	16.7	20.2	17.7	24.4	22.8
9	28.3	26.5	26.1	25.4	17.8	16.4	18.9	17.5	18.8	16.9	23.2	20.9
10	27.8	26.9	25.4	24.4	18.5	17.6	18.9	16.6	20.4	17.8	22.1	20.1
11	28.0	26.8	25.1	24.0	18.3	17.7	16.7	13.9	20.9	18.7	20.8	18.9
12	28.8	27.1	24.9	23.7	17.8	16.8	16.1	14.3	21.5	19.3	20.7	19.8
13	29.2	28.0	25.2	24.0	17.8	16.9	16.2	14.8	22.1	20.6	21.6	20.2
14	29.2	28.0	24.9	22.3	18.7	17.5	16.7	15.5	22.0	20.5	21.1	20.0
15	28.9	28.1	23.6	21.7	18.2	17.2	17.3	15.8	21.7	21.1	21.8	20.6
16	28.4	25.0	23.7	21.9	18.0	16.6	17.3	16.3	21.3	20.2	21.8	21.3
17	27.0	25.3	24.1	22.6	18.4	17.6	17.4	16.6	20.3	18.7	23.6	21.6
18	27.1	25.6	24.6	23.2	17.6	16.6	17.6	17.0	18.7	16.7	22.9	21.5
19	27.1	25.9	23.8	23.1	17.0	16.2	18.8	17.1	17.6	15.4	24.2	21.8
20	27.4	26.4	23.3	21.6	16.6	15.0	18.6	17.7	17.9	16.7	23.2	21.8
21	26.7	25.4	22.3	20.8	16.5	13.6	18.5	16.8	19.7	17.3	24.3	21.9
22	26.7	25.3	22.2	20.9	15.2	14.2	17.8	16.1	21.1	18.5	23.8	22.4
23	26.9	25.3	22.3	21.1	16.0	14.9	17.2	16.1	21.4	19.5	22.8	20.1
24	26.4	24.9	22.4	21.3	17.1	16.0	17.3	15.4	22.6	20.4	21.0	19.5
25	25.9	24.7	23.4	22.0	17.3	16.6	17.7	16.0	22.9	20.7	20.7	19.4
26	26.1	24.9	24.0	22.6	16.9	15.7	19.3	17.3	21.8	20.6	21.1	20.1
27	26.5	25.2	23.7	22.7	16.8	15.7	20.1	18.9	21.6	18.8	21.6	20.5
28	26.4	25.7	24.4	23.3	17.3	15.9	19.7	17.4	20.6	18.2	22.8	20.9
29	26.6	25.1	23.5	19.4	17.9	16.7	18.2	16.9	19.0	17.8	22.6	21.4
30	25.9	23.8	19.8	17.6	18.8	17.1	17.8	17.0	---	---	23.1	21.3
31	25.3	23.7	---	---	19.1	18.0	17.2	16.7	---	---	23.6	22.3
MONTH	29.2	23.7	26.8	17.6	20.3	13.6	21.5	13.9	22.9	15.4	25.3	18.5
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	22.8	21.8	27.5	25.5	31.4	29.7	31.0	29.3	30.1	28.6	---	---
2	22.4	21.0	27.9	26.3	31.4	29.6	31.0	30.0	28.9	27.9	---	---
3	22.2	20.7	27.4	26.3	31.3	29.9	31.3	29.9	28.7	27.9	---	---
4	22.1	20.6	26.9	25.2	31.5	29.7	31.5	30.0	28.7	27.9	---	---
5	22.4	20.5	26.5	24.3	30.9	29.4	31.9	30.5	29.2	27.8	---	---
6	22.4	20.6	26.4	24.9	30.8	29.1	31.8	30.7	29.8	28.4	---	---
7	23.0	21.3	26.5	25.0	30.3	29.2	31.3	30.5	29.4	28.8	---	---
8	24.0	22.0	26.6	25.2	29.8	28.7	31.7	30.2	29.4	28.7	---	---
9	25.2	23.3	26.1	25.2	30.0	28.3	32.3	30.8	30.5	28.6	---	---
10	26.5	24.5	25.6	25.0	30.3	28.3	32.8	30.8	30.4	29.1	---	---
11	26.4	25.2	25.2	24.8	30.4	28.7	32.4	30.9	---	---	---	---
12	25.8	23.5	25.6	24.6	31.5	28.8	32.0	30.4	---	---	---	---
13	23.5	22.1	26.3	24.7	31.3	29.6	32.9	31.0	---	---	---	---
14	22.4	20.2	26.8	24.8	31.1	29.8	32.7	30.9	---	---	---	---
15	22.2	19.0	26.6	25.0	31.0	29.4	32.5	30.5	---	---	---	---
16	22.4	19.2	27.1	25.2	31.4	29.9	31.8	30.5	---	---	---	---
17	22.2	20.0	27.2	25.5	31.1	29.9	31.3	30.1	---	---	---	---
18	22.7	20.4	27.4	25.5	30.9	29.6	30.5	29.4	---	---	---	---
19	23.1	20.9	27.1	25.5	31.5	30.1	30.0	28.7	---	---	---	---
20	23.9	21.4	27.8	25.5	31.7	30.4	29.0	27.4	---	---	---	---
21	24.1	22.1	28.3	26.2	31.8	30.8	29.0	27.7	---	---	---	---
22	25.0	22.7	28.8	26.4	31.9	30.3	29.5	28.1	---	---	---	---
23	26.1	24.0	27.9	26.1	32.2	31.0	29.8	29.0	---	---	---	---
24	26.2	24.0	28.3	26.7	32.0	30.2	30.5	29.3	---	---	---	---
25	25.9	24.7	28.2	26.9	32.3	29.9	31.3	29.5	---	---	---	---
26	26.4	25.1	29.2	27.5	33.0	30.8	32.1	30.0	---	---	---	---
27	26.4	25.5	30.1	28.4	32.4	30.4	31.5	30.1	---	---	---	---
28	25.9	23.8	30.4	28.5	31.1	29.9	31.1	30.0	---	---	---	---
29	25.3	24.4	30.7	28.9	30.2	28.9	31.6	29.7	---	---	---	---
30	26.7	24.6	31.3	29.3	30.3	28.9	30.9	29.9	---	---	---	---
31	---	---	31.5	29.7	---	---	30.6	29.7	---	---	---	---
MONTH	26.7	19.0	31.5	24.3	33.0	28.3	32.9	27.4	---	---	---	---

02298300 PEACE RIVER AT PUNTA GORDA, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	32,600	18,200	31,700	21,600	32,500	20,100	40,900	26,100	33,600	21,200
2	---	---	29,100	16,100	30,700	18,100	33,700	20,700	39,100	29,400	32,400	13,700
3	---	---	29,300	15,700	30,500	17,900	32,700	23,100	40,500	28,000	31,200	13,300
4	---	---	27,000	16,100	34,100	21,800	34,200	25,100	38,600	29,500	33,500	10,300
5	---	---	25,800	12,500	34,100	25,400	36,600	23,800	40,900	17,800	32,900	13,100
6	---	---	23,400	11,300	34,200	29,800	37,700	21,400	40,300	24,800	31,000	6,130
7	---	---	30,500	15,600	35,000	29,100	34,500	21,500	40,300	29,200	31,300	5,500
8	---	---	30,800	18,000	34,300	28,200	34,500	19,900	39,400	29,800	31,100	5,360
9	---	---	33,100	19,900	35,400	26,000	33,300	18,300	38,900	30,400	24,000	2,860
10	---	---	32,100	20,300	35,300	28,400	35,300	19,300	39,300	29,600	32,800	8,610
11	---	---	31,600	19,900	34,400	25,100	36,300	21,700	36,600	22,500	31,500	10,900
12	---	---	31,800	22,500	32,600	13,400	35,200	22,800	36,200	22,900	28,500	6,150
13	---	---	32,400	20,700	31,900	18,900	35,400	26,200	37,000	27,400	23,900	7,200
14	---	---	31,000	15,900	31,000	18,600	34,500	19,400	37,900	28,300	24,200	3,540
15	---	---	29,500	1,930	26,000	14,500	29,000	16,800	37,900	24,400	26,200	3,480
16	---	---	31,600	17,100	30,800	5,570	27,000	15,100	36,200	23,000	33,900	6,730
17	---	---	33,100	16,700	32,000	21,100	30,400	12,000	35,200	20,000	24,700	4,550
18	---	---	35,300	20,000	32,500	23,000	30,900	9,930	34,300	21,200	12,300	2,850
19	16,800	6,430	36,100	27,200	33,100	25,800	35,100	2,330	37,300	17,100	21,300	2,810
20	17,900	3,140	33,200	27,800	32,500	20,000	35,700	14,900	36,800	26,300	32,200	4,380
21	14,900	2,080	33,200	27,500	32,400	23,400	35,800	16,800	38,000	30,800	26,000	6,640
22	26,300	6,370	33,800	25,900	34,300	26,300	35,900	15,100	38,200	30,000	24,600	5,680
23	28,300	12,500	33,900	26,600	34,100	29,100	36,400	16,700	38,600	28,200	18,600	1,530
24	27,100	16,900	33,900	26,700	33,100	25,400	29,900	10,000	38,400	32,600	14,500	824
25	27,200	14,600	34,300	25,100	32,700	15,400	34,800	15,000	37,900	29,700	16,000	1,190
26	27,200	10,800	31,100	14,800	33,800	21,200	36,800	22,900	38,600	28,200	11,600	1,450
27	28,100	14,000	31,700	19,600	26,000	12,300	35,100	16,900	39,300	31,600	21,000	3,590
28	26,900	15,100	32,100	21,300	26,300	15,800	35,800	18,300	36,900	27,600	14,800	626
29	28,100	16,000	31,800	16,300	32,000	15,700	36,500	24,800	---	---	8,690	618
30	29,300	15,800	33,300	19,200	31,900	17,300	38,100	29,000	---	---	26,400	620
31	31,400	15,700	---	---	32,100	19,800	37,500	22,700	---	---	23,300	1,620
MONTH	---	---	36,100	1,930	35,400	5,570	38,100	2,330	40,900	17,100	33,900	618
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	23,300	3,210	31,600	21,100	28,500	16,300	2,400	217	17,200	1,440	19,400	1,850
2	15,800	5,570	29,500	18,700	24,000	7,170	1,310	213	20,700	992	22,300	4,950
3	17,500	1,380	29,300	17,900	19,400	4,350	925	218	19,900	722	23,900	7,590
4	25,500	1,500	32,300	20,400	18,500	1,890	1,220	209	21,900	690	22,500	11,900
5	22,600	8,700	31,800	21,800	27,400	1,800	1,360	214	22,900	1,310	23,700	12,600
6	26,400	16,000	28,300	9,900	22,300	735	2,570	221	19,100	1,570	23,700	12,200
7	26,900	20,100	25,700	13,200	17,500	589	4,190	236	17,400	1,720	23,500	11,400
8	25,600	11,100	30,800	15,200	17,600	447	8,680	252	17,000	1,720	24,400	7,800
9	21,900	7,190	29,000	15,600	23,400	1,350	8,520	218	15,000	1,680	18,300	5,940
10	27,800	7,490	29,100	14,200	15,800	1,570	7,920	211	11,000	1,320	24,300	8,270
11	28,200	10,700	28,100	12,200	11,800	515	291	201	11,700	1,530	24,200	10,800
12	28,300	15,400	32,400	9,540	2,230	268	797	196	18,700	3,010	30,400	16,800
13	25,900	15,600	29,000	11,500	1,570	253	6,250	350	15,100	2,210	25,800	15,200
14	24,500	11,500	29,200	15,100	3,040	371	2,750	233	11,900	1,380	26,400	14,000
15	17,700	8,700	27,600	19,000	6,470	625	1,980	215	15,900	1,180	29,600	12,100
16	20,500	1,830	26,200	16,800	2,420	246	1,800	218	23,200	3,340	35,100	15,600
17	21,300	3,360	27,100	16,600	2,670	236	5,740	409	21,100	4,460	33,500	16,400
18	21,000	10,700	30,000	15,300	1,550	219	6,380	1,310	17,400	2,750	31,900	22,300
19	22,400	13,500	31,400	21,200	1,860	229	11,900	864	18,100	2,720	32,200	21,300
20	23,500	18,200	32,400	25,500	7,040	247	16,100	965	17,500	4,270	30,200	14,500
21	24,300	19,100	32,600	25,000	2,790	269	19,900	1,320	17,600	4,430	33,300	17,900
22	24,900	17,900	32,400	21,600	5,660	334	18,900	1,120	19,900	6,260	32,600	22,500
23	26,400	21,000	32,300	21,900	7,360	298	9,780	345	18,500	7,630	31,900	21,700
24	24,900	15,500	32,900	22,200	14,600	272	8,060	316	18,100	7,260	30,100	19,800
25	24,400	16,200	32,200	22,200	16,400	1,040	17,300	1,360	18,700	5,850	30,700	19,500
26	33,100	16,200	32,500	20,000	7,920	1,050	14,400	3,360	---	---	30,400	22,400
27	32,900	21,900	32,800	18,200	6,130	1,260	13,600	1,980	20,700	13,500	32,600	21,700
28	30,500	17,700	32,000	18,800	6,760	943	7,490	1,460	21,100	9,010	32,600	23,600
29	32,100	16,700	30,600	19,300	9,280	516	10,500	758	19,800	5,340	31,400	21,700
30	32,300	20,700	31,800	19,100	5,470	242	11,900	629	16,400	2,740	30,900	23,900
31	---	---	30,700	20,700	---	---	13,000	1,700	11,600	750	---	---
MONTH	33,100	1,380	32,900	9,540	28,500	219	19,900	196	---	---	35,100	1,850

02298300 PEACE RIVER AT PUNTA GORDA, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	33,100	19,000	37,700	27,000	41,000	30,100	41,800	30,700	33,600	30,000
2	---	---	32,800	19,800	35,900	26,900	42,300	36,900	41,300	31,300	40,100	28,400
3	---	---	32,400	26,800	39,000	25,400	42,400	33,600	40,700	30,900	40,600	27,900
4	---	---	32,600	27,400	40,000	30,600	42,600	32,700	38,900	30,500	36,500	20,200
5	---	---	31,400	19,400	40,000	30,600	43,200	33,200	40,000	27,200	38,800	29,100
6	---	---	34,800	30,800	38,300	32,200	42,800	30,600	39,600	29,700	39,700	17,200
7	---	---	33,900	28,200	37,800	31,900	41,800	30,700	39,900	30,800	39,500	29,700
8	---	---	32,200	24,300	37,500	32,600	42,100	28,700	39,900	33,700	38,500	18,200
9	---	---	35,000	25,400	37,500	28,300	42,200	27,400	39,400	34,100	37,700	20,100
10	---	---	34,400	21,200	37,700	30,200	42,500	29,600	39,100	32,300	39,300	24,000
11	---	---	33,100	23,600	36,500	29,200	43,300	30,200	36,400	27,100	36,200	21,000
12	---	---	32,600	25,000	36,500	18,200	41,600	30,900	40,200	29,700	34,300	14,600
13	---	---	32,800	23,700	35,100	24,600	41,900	34,200	40,100	30,400	31,800	12,000
14	---	---	32,100	16,000	35,100	23,000	41,100	30,300	40,400	32,200	30,100	9,400
15	---	---	32,600	11,700	31,600	10,900	40,000	32,200	40,500	31,700	33,900	10,500
16	---	---	33,800	18,000	36,600	24,600	35,800	31,500	40,600	31,800	34,400	25,300
17	---	---	35,200	23,200	38,100	28,700	40,500	31,600	41,200	33,500	31,100	18,600
18	---	---	37,000	28,500	38,700	33,100	37,700	29,000	42,600	33,200	32,700	25,800
19	28,400	10,300	39,000	32,500	37,600	33,700	37,900	26,600	43,000	35,000	36,100	28,700
20	28,400	12,400	37,800	30,000	43,000	32,100	37,900	27,500	41,200	29,800	36,100	29,400
21	29,700	10,000	37,900	29,800	43,300	34,200	37,700	27,900	39,800	32,200	35,700	16,000
22	31,500	21,100	37,800	29,000	41,100	31,700	37,600	22,600	39,200	31,900	31,900	13,900
23	33,300	18,300	37,700	28,800	39,400	34,800	36,100	19,400	39,400	32,600	28,000	10,200
24	32,400	19,900	36,600	28,500	39,100	32,100	38,400	15,000	38,300	33,500	27,000	1,290
25	31,200	20,200	35,900	28,300	38,400	25,500	38,200	27,900	38,400	33,100	29,900	1,460
26	33,000	16,700	34,600	17,300	38,900	27,300	37,400	25,500	37,500	32,500	27,300	2,370
27	33,900	15,300	35,400	24,900	36,700	17,700	37,800	24,900	39,700	32,900	29,600	4,370
28	32,600	17,600	34,300	24,800	38,400	20,900	41,200	23,600	37,500	30,400	14,900	323
29	31,500	19,300	35,700	19,000	39,600	27,400	40,600	27,300	---	---	29,100	310
30	30,800	19,900	37,400	27,300	41,100	26,100	38,900	32,900	---	---	32,800	300
31	32,300	18,600	---	---	41,200	27,800	40,500	29,700	---	---	31,900	10,800
MONTH	---	---	39,000	11,700	43,300	10,900	43,300	15,000	43,000	27,100	40,600	300
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	30,500	5,180	30,800	21,300	32,000	18,100	12,900	229	20,700	1,620	25,900	3,970
2	16,700	8,220	29,600	21,700	32,100	15,300	1,750	223	21,900	1,370	28,100	6,840
3	28,900	1,140	32,900	17,800	32,800	6,970	1,240	221	23,000	2,560	30,600	15,000
4	31,900	4,620	34,000	22,900	31,300	4,380	14,800	221	25,400	1,060	30,500	15,100
5	31,500	12,200	31,100	21,800	30,900	4,640	16,600	221	23,700	1,620	32,300	16,200
6	30,100	16,400	28,600	17,100	31,600	1,820	19,400	221	22,900	3,030	29,700	16,200
7	27,700	20,900	32,900	17,500	31,700	535	20,100	226	21,800	2,600	27,900	15,900
8	25,300	15,100	33,000	20,200	30,400	3,740	20,500	332	21,000	2,310	25,900	15,900
9	22,200	12,100	31,700	18,700	32,000	4,200	17,600	233	19,100	2,620	29,700	16,300
10	30,800	10,500	32,900	15,500	32,500	5,790	12,100	195	18,000	2,620	30,700	15,400
11	30,300	15,600	33,100	12,200	31,500	425	5,080	192	19,400	3,870	31,100	18,300
12	27,500	14,400	34,200	12,000	18,200	236	16,800	190	21,900	5,240	31,000	20,300
13	23,900	16,000	33,800	19,100	18,800	235	20,000	256	22,700	6,780	25,900	15,500
14	23,600	15,000	33,900	23,800	24,500	267	18,300	267	22,000	1,990	29,800	15,700
15	23,800	10,700	31,100	21,200	25,700	3,060	16,500	218	23,900	3,010	35,000	15,300
16	27,500	9,100	30,700	19,200	25,000	249	22,000	222	24,200	4,600	37,800	20,500
17	25,100	10,200	32,700	20,100	25,500	237	22,200	887	23,500	4,690	37,000	22,300
18	27,100	12,500	37,000	20,400	13,600	221	25,000	1,870	21,600	3,530	35,300	24,400
19	29,400	18,700	36,700	26,500	24,900	238	23,400	548	20,500	3,740	35,400	22,000
20	29,400	20,900	34,400	26,500	25,200	254	26,500	2,420	21,300	6,190	32,600	15,200
21	30,500	23,700	32,100	25,700	18,400	253	26,600	3,180	23,900	6,680	32,600	17,900
22	32,800	24,800	32,400	24,100	16,100	251	25,000	2,510	24,200	9,120	32,900	23,200
23	30,800	25,800	34,800	22,200	19,200	271	24,200	393	24,600	11,100	32,500	22,800
24	28,800	21,900	32,900	22,500	24,300	288	24,700	331	24,800	11,800	31,700	20,900
25	32,000	21,800	32,300	22,200	23,600	2,140	24,700	2,620	26,300	7,060	34,100	22,600
26	34,100	22,400	34,000	21,200	19,600	545	23,400	6,610	23,500	650	37,000	28,600
27	33,000	22,600	33,300	20,200	17,400	1,680	20,400	4,860	22,600	18,900	37,100	24,500
28	31,600	18,700	33,100	21,300	20,100	1,070	22,800	2,630	23,100	10,200	37,100	23,500
29	33,200	18,900	32,900	21,200	18,100	859	23,500	1,680	22,800	6,220	36,100	24,700
30	31,500	22,300	33,800	22,000	14,600	261	21,700	1,220	21,300	3,760	37,900	25,100
31	---	---	33,000	24,000	---	---	21,500	2,130	18,200	920	---	---
MONTH	34,100	1,140	37,000	12,000	32,800	221	26,600	190	26,300	650	37,900	3,970

02298300 PEACE RIVER AT PUNTA GORDA, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	26.6	25.2	24.3	22.1	18.9	16.9	19.0	16.8	22.2	20.6
2	---	---	27.3	25.1	24.7	22.2	19.2	17.1	19.9	17.5	22.0	19.2
3	---	---	28.0	25.1	24.0	21.4	19.2	17.1	20.5	18.2	20.4	17.3
4	---	---	28.2	26.3	23.1	19.5	19.8	17.5	19.9	17.3	20.1	16.9
5	---	---	27.0	24.7	22.8	19.9	19.5	18.0	17.8	15.8	20.4	17.2
6	---	---	25.1	23.0	23.1	20.9	21.1	18.9	18.2	16.5	21.1	18.2
7	---	---	25.7	22.3	23.7	21.7	22.0	19.8	19.6	16.8	21.9	19.1
8	---	---	24.6	22.3	24.0	22.0	24.0	20.5	20.3	17.3	20.9	19.9
9	---	---	24.1	22.1	23.3	22.5	23.5	21.3	20.2	18.1	20.0	17.5
10	---	---	23.5	22.3	23.4	22.8	23.1	20.9	19.9	18.7	20.4	16.4
11	---	---	23.8	22.0	22.9	21.4	22.1	20.3	18.8	16.3	19.6	17.3
12	---	---	23.6	22.4	21.4	18.9	22.7	20.9	19.0	14.6	21.5	18.2
13	---	---	24.8	22.9	20.8	18.8	22.4	21.3	17.8	14.7	21.3	18.5
14	---	---	24.1	23.2	20.0	17.4	22.4	21.5	18.6	16.7	22.3	20.0
15	---	---	23.3	21.9	17.4	13.6	21.6	20.0	20.4	17.8	23.3	21.4
16	---	---	22.5	21.0	15.9	13.3	20.3	17.9	21.8	19.4	22.8	21.3
17	---	---	23.3	20.1	16.3	15.0	18.6	16.1	22.3	20.1	22.9	21.3
18	---	---	24.2	20.3	18.6	16.1	17.1	15.0	22.0	19.9	22.9	20.7
19	28.0	26.7	23.8	21.5	18.0	16.0	17.4	14.5	20.5	18.4	22.5	19.1
20	28.8	26.1	23.8	22.0	17.0	14.9	16.1	14.7	20.6	18.3	23.6	19.5
21	28.7	26.8	25.5	22.2	16.3	13.8	17.7	15.2	20.6	19.1	22.8	20.3
22	28.1	25.8	25.4	22.8	16.8	15.3	18.7	16.3	22.1	20.0	24.3	21.7
23	27.3	24.7	24.0	23.2	17.5	16.4	18.6	16.8	23.5	21.2	23.7	22.7
24	28.4	24.6	24.1	23.2	18.2	17.2	16.8	14.1	23.2	21.8	25.0	22.1
25	27.4	24.9	24.1	23.3	17.4	16.4	17.4	13.6	23.5	22.5	25.8	23.2
26	26.9	25.0	23.5	21.6	16.6	15.3	17.4	15.0	23.6	21.9	27.5	24.8
27	26.8	24.8	22.7	20.6	15.7	13.5	19.6	16.2	22.8	22.0	26.5	24.9
28	26.4	24.3	23.9	21.9	15.9	13.5	19.0	17.7	23.1	22.0	26.0	23.6
29	27.0	24.5	23.4	21.0	17.3	14.5	18.9	17.3	---	---	25.0	22.4
30	27.5	24.8	23.6	20.9	17.6	15.2	19.5	17.8	---	---	26.7	21.9
31	27.2	25.1	---	---	18.1	16.4	20.2	18.0	---	---	26.1	24.1
MONTH	---	---	28.2	20.1	24.7	13.3	24.0	13.6	23.6	14.6	27.5	16.4
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	27.0	24.9	26.1	25.0	29.6	27.7	30.7	28.9	32.9	29.8	32.0	30.4
2	26.3	23.7	26.8	24.6	28.3	26.3	30.8	29.5	31.3	30.1	32.1	29.8
3	24.9	22.0	27.6	25.4	27.3	26.0	31.3	29.4	32.9	29.9	32.0	29.8
4	25.2	21.4	26.1	24.6	27.9	25.3	31.6	29.7	33.3	29.8	30.8	29.1
5	25.2	22.2	24.9	24.1	28.0	25.5	31.9	29.7	31.4	29.6	30.1	28.3
6	25.0	22.8	25.9	23.6	28.6	25.9	33.0	30.3	31.9	28.8	30.2	28.0
7	24.2	23.0	26.7	22.3	30.3	26.9	32.4	30.5	31.9	29.6	30.4	28.4
8	24.8	23.2	26.7	22.9	30.2	27.3	31.7	30.1	31.8	29.2	29.9	28.4
9	25.1	23.1	26.7	23.9	28.7	27.8	30.1	27.2	30.5	29.0	30.6	27.9
10	26.4	22.7	27.4	24.7	27.8	26.6	27.8	26.7	32.9	29.1	31.5	28.1
11	26.2	22.4	28.0	24.8	28.6	26.3	29.5	27.2	33.3	30.3	32.1	28.6
12	25.1	22.6	27.5	24.8	28.2	27.6	30.2	28.3	33.8	30.6	31.8	28.2
13	24.7	23.7	26.6	24.5	29.4	27.6	31.2	28.5	33.5	30.6	30.6	28.8
14	24.6	23.2	27.0	24.6	29.9	28.1	32.9	29.2	33.7	31.5	30.6	28.9
15	23.6	21.7	28.0	25.4	31.2	28.8	32.3	30.0	33.0	31.0	31.7	28.3
16	23.3	20.6	28.1	26.2	31.6	29.4	31.8	30.2	33.4	30.9	31.9	28.6
17	23.2	19.5	30.3	26.7	31.9	29.7	31.2	29.4	34.2	30.8	30.9	29.1
18	23.9	20.1	29.0	26.7	31.9	30.2	31.5	29.4	33.2	31.0	30.7	28.4
19	23.7	21.1	28.1	25.9	32.1	30.2	31.3	29.3	33.2	30.8	30.0	28.6
20	23.7	21.7	28.7	25.8	30.8	29.3	31.9	29.2	33.9	30.5	29.0	27.5
21	24.4	21.6	28.9	26.2	29.7	28.7	32.8	29.4	33.9	30.8	27.9	26.9
22	24.6	22.2	30.6	27.4	28.8	27.8	31.1	29.4	32.7	30.7	27.6	27.1
23	24.7	22.7	29.7	27.6	27.9	26.9	32.5	29.8	32.6	30.5	27.9	26.9
24	24.1	22.6	29.1	27.9	28.6	26.3	32.8	30.3	33.0	29.9	29.1	27.2
25	25.0	21.4	29.2	28.0	29.4	26.6	32.0	29.9	31.5	29.7	29.8	27.0
26	24.0	21.8	29.4	27.2	31.0	27.9	31.8	29.9	29.9	28.0	29.9	27.6
27	25.2	23.1	29.7	27.2	29.4	28.5	32.8	30.1	28.7	27.6	30.6	28.0
28	26.0	22.8	30.3	27.9	29.4	28.1	32.2	30.5	29.4	27.4	29.7	27.5
29	26.7	23.5	31.5	28.3	29.3	28.2	32.8	30.5	30.4	28.7	30.6	27.5
30	26.2	24.5	31.6	28.9	30.0	28.1	32.6	30.2	31.5	29.3	29.7	27.8
31	---	---	30.7	29.0	---	---	32.7	29.3	32.1	29.8	---	---
MONTH	27.0	19.5	31.6	22.3	32.1	25.3	33.0	26.7	34.2	27.4	32.1	26.9

02298300 PEACE RIVER AT PUNTA GORDA, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	26.2	25.3	23.6	22.3	17.6	16.4	18.7	17.2	22.4	21.4
2	---	---	26.3	25.2	23.7	23.2	17.9	16.9	18.5	17.6	21.7	20.7
3	---	---	26.5	26.0	23.4	22.3	18.3	17.3	19.1	18.0	21.0	17.9
4	---	---	27.3	26.3	22.9	21.3	18.3	17.6	19.9	17.8	19.4	17.2
5	---	---	27.2	25.7	22.5	20.4	18.7	17.7	17.8	16.1	18.9	18.1
6	---	---	26.4	25.3	22.6	21.1	19.9	18.4	17.6	16.7	19.6	18.8
7	---	---	25.4	24.7	22.4	21.6	20.9	19.4	17.9	17.0	20.1	18.9
8	---	---	25.0	23.1	22.9	22.0	21.8	20.4	18.2	17.5	20.8	19.4
9	---	---	24.1	22.9	23.3	22.4	21.9	20.9	19.9	18.0	20.5	18.4
10	---	---	23.8	22.3	23.3	22.8	21.5	20.7	19.7	18.8	19.2	17.9
11	---	---	23.3	22.1	22.8	21.3	21.7	20.7	19.1	16.8	19.6	17.9
12	---	---	23.7	22.4	21.3	19.4	22.1	20.9	17.3	15.7	20.5	18.9
13	---	---	24.7	23.0	20.5	18.8	22.3	21.2	17.6	15.5	21.0	19.0
14	---	---	24.3	23.6	20.3	18.1	22.2	21.8	18.5	17.0	21.9	19.7
15	---	---	23.7	22.1	18.6	14.2	21.8	20.3	19.9	18.1	21.8	20.2
16	---	---	22.3	21.1	16.2	14.1	20.5	19.3	20.7	18.7	22.6	20.2
17	---	---	22.2	20.7	16.5	15.7	19.8	17.7	21.3	19.8	22.9	21.9
18	---	---	22.4	21.5	17.3	16.3	18.6	15.8	21.7	19.0	22.0	21.7
19	26.7	26.1	22.9	22.1	17.6	16.7	17.3	15.8	19.5	18.2	21.8	20.9
20	28.2	26.2	23.6	22.2	17.0	16.0	16.6	15.7	20.0	18.4	21.9	21.1
21	28.1	26.2	23.8	22.3	17.1	14.4	16.4	15.8	20.6	19.0	22.7	20.7
22	27.1	26.1	23.4	22.5	16.7	15.4	17.9	16.3	22.1	20.1	23.9	21.4
23	27.2	25.6	24.0	22.6	17.4	16.2	18.1	17.4	22.7	21.4	23.6	22.4
24	26.6	25.1	24.0	23.1	18.1	17.1	18.0	15.0	23.1	21.8	24.4	22.0
25	26.5	25.5	24.0	23.4	17.4	16.4	16.0	14.7	23.0	22.5	25.7	22.5
26	26.7	25.3	23.8	21.8	16.7	15.6	17.0	15.6	22.9	21.9	27.0	23.7
27	26.2	24.9	22.7	21.5	15.6	14.0	17.9	16.7	22.6	22.0	26.4	23.4
28	25.9	24.9	23.0	22.0	15.3	13.8	18.0	16.4	23.0	22.0	26.1	23.5
29	25.8	24.9	22.7	21.4	15.7	14.9	18.3	16.6	---	---	24.6	22.8
30	26.0	25.5	22.7	21.6	16.2	15.3	19.2	17.4	---	---	24.7	23.2
31	26.2	25.6	---	---	17.1	15.7	19.1	17.9	---	---	25.7	24.0
MONTH	---	---	27.3	20.7	23.7	13.8	22.3	14.7	23.1	15.5	27.0	17.2
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	26.3	24.4	26.0	25.2	29.7	27.8	30.7	28.7	32.2	30.4	31.8	30.0
2	26.3	24.0	26.8	25.0	28.6	27.3	30.8	29.5	31.3	30.4	31.4	29.9
3	24.3	22.1	27.2	25.4	28.3	26.2	31.3	29.5	31.9	30.2	31.1	30.0
4	23.5	22.1	25.7	24.8	27.6	26.1	31.4	29.5	31.9	30.1	30.4	29.6
5	23.7	22.3	24.9	24.2	27.3	26.2	31.9	29.4	30.9	30.1	30.0	28.4
6	24.8	22.8	25.3	23.9	28.1	27.0	31.9	28.8	31.3	29.9	29.9	28.3
7	24.1	23.0	25.5	22.9	28.1	26.9	31.7	28.8	31.0	30.0	29.9	28.7
8	24.8	23.2	25.6	24.2	28.7	27.1	31.2	29.1	30.7	29.4	29.7	28.7
9	25.1	23.6	26.5	24.4	28.3	27.2	30.2	27.2	30.3	29.3	30.3	28.4
10	25.2	23.5	27.0	24.9	27.8	26.7	27.8	27.0	31.7	29.5	29.6	28.7
11	24.7	23.1	26.5	25.3	28.5	26.6	29.4	27.2	31.8	30.4	29.8	29.2
12	25.0	23.3	26.8	25.5	28.2	27.0	29.6	27.8	31.8	30.5	30.5	29.1
13	24.7	23.9	26.3	25.4	29.2	27.5	30.1	27.9	33.0	30.8	30.8	28.7
14	24.5	23.4	26.2	24.9	29.2	27.3	30.7	28.2	33.4	30.7	30.5	29.0
15	23.9	22.3	26.9	25.5	29.5	27.4	31.7	28.5	33.0	30.6	31.1	29.4
16	23.2	21.5	27.8	26.1	31.4	27.6	31.8	28.4	32.9	30.8	31.3	29.5
17	22.5	20.1	27.6	26.2	31.9	27.8	31.1	28.4	33.0	31.0	30.5	29.3
18	21.9	20.5	28.4	26.4	31.8	29.3	31.0	28.3	32.9	31.4	30.1	29.0
19	23.2	21.3	28.1	26.1	32.0	28.2	30.8	28.7	32.6	31.2	29.8	28.8
20	22.9	21.6	28.5	26.0	31.1	28.3	31.2	28.9	32.4	31.0	29.3	27.6
21	24.4	21.6	28.8	26.6	29.7	28.7	31.7	29.2	32.3	31.1	27.9	27.2
22	24.6	22.0	29.9	27.3	28.9	27.8	30.9	29.7	32.2	31.1	27.8	27.1
23	24.7	22.7	29.7	27.9	28.4	26.9	32.2	29.9	31.9	31.2	27.5	27.1
24	24.1	22.6	29.1	28.1	28.1	26.8	31.4	30.1	31.7	30.8	28.6	27.2
25	24.1	21.8	29.1	27.9	28.5	26.8	30.9	30.2	31.6	30.5	28.7	27.7
26	24.0	22.8	29.0	27.7	30.1	27.9	31.2	30.2	31.2	28.1	29.4	28.0
27	25.1	23.4	29.6	27.9	29.4	28.2	32.7	30.5	28.8	28.1	29.4	28.0
28	24.9	23.3	30.1	28.5	29.0	28.2	31.6	30.6	29.4	27.9	29.5	28.1
29	25.5	23.4	30.6	29.3	29.2	28.3	32.4	30.7	30.2	29.0	29.2	28.1
30	26.1	24.5	30.9	29.6	29.8	28.4	32.0	30.8	31.4	29.9	29.5	28.1
31	---	---	30.7	29.1	---	---	32.0	30.3	31.8	30.4	---	---
MONTH	26.3	20.1	30.9	22.9	32.0	26.1	32.7	27.0	33.4	27.9	31.8	27.1

02298480 YOUNGS CREEK NEAR MYAKKA CITY, FL.

LOCATION.--Lat 27° 25'34", long 82° 07'59" (1927 North American datum), in $NW^1/_4$ sec.20, T.35 S., R.22 E., Manatee County, Hydrologic Unit 03100102, 0.35 mi east of confluence with Myakka River along the Myakka City-Wauchula road, and 6.0 mi northeast of Myakka City.

DRAINAGE AREA.--5.67 mi^2, approximately.

PERIOD OF RECORD.--February 1999 to current year (miscellaneous measurements only). Records prior to October 2002 were not published, but are available in files of the Geological Survey.

GAGE.--Miscellaneous measurements gage. Datum of gage is 1.76 ft below North American Vertical Datum of 1988.

MISCELLANEOUS MEASUREMENTS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Discharge ($ft^3/_S$)
Oct. 6	5.36
June 10	23.0

02298488 MYAKKA RIVER UPSTREAM FROM YOUNGS CREEK NEAR MYAKKA CITY, FL.

LOCATION.--Lat 27° 25'44", long 82° 08'20" (1927 North American datum), in SE$^{1}/_{4}$ sec.18, T.35 S., R.22 E., Manatee County, Hydrologic Unit 03100102, on left bank, 0.15 mi north of Youngs Creek, 0.35 mi west of Myakka City-Wauchula Road, and 5.7 mi northeast of Myakka City.

DRAINAGE AREA.--29.2 mi^2.

PERIOD OF RECORD.--December 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is 0.47 ft below NAD88. Prior to April 26, 2001, at site 250 ft upstream at datum 1.09 ft lower.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e85	5.3	8.7	24	14	301	24	13	46	425	39	35
2	e55	5.5	9.2	21	13	175	36	15	124	218	37	41
3	e47	6.0	9.1	19	12	105	40	17	202	134	42	48
4	e34	6.0	8.6	18	12	81	31	114	201	96	41	39
5	e47	5.5	8.5	16	13	69	24	171	249	73	38	31
6	e73	4.6	8.8	16	12	46	17	110	457	61	43	31
7	48	4.3	9.4	15	11	36	11	71	263	51	82	25
8	35	4.9	11	15	9.2	31	20	44	242	37	223	23
9	26	7.3	12	16	7.5	31	17	30	219	124	253	19
10	22	9.0	9.5	16	7.2	44	14	25	171	323	207	18
11	21	8.6	9.6	17	7.2	41	11	26	267	288	148	15
12	38	9.5	8.1	16	7.2	33	8.9	107	289	188	112	15
13	41	17	8.8	14	7.4	26	8.1	112	325	121	94	15
14	35	9.9	9.0	94	6.7	22	7.4	63	260	91	73	17
15	30	7.5	8.3	195	6.1	19	6.7	41	155	79	55	14
16	35	6.4	7.8	139	6.8	18	5.9	32	97	94	40	12
17	31	5.9	11	86	7.7	209	5.2	44	66	108	22	13
18	26	5.6	15	56	7.5	497	5.0	51	51	85	62	19
19	23	5.4	14	40	6.0	265	4.7	37	38	77	63	19
20	21	5.2	12	33	5.4	158	4.1	29	26	65	45	15
21	19	5.1	8.7	29	5.4	104	3.8	26	18	51	34	9.7
22	17	5.6	7.2	28	5.6	81	3.9	23	17	42	38	8.5
23	16	6.7	6.7	28	6.5	64	3.7	20	19	39	44	11
24	14	6.0	6.8	25	5.3	59	3.4	19	20	38	42	16
25	13	6.0	43	24	5.2	49	3.1	17	19	50	42	16
26	12	5.6	158	23	5.7	42	2.9	16	15	62	37	13
27	9.0	5.6	119	23	107	37	25	18	13	45	21	13
28	7.2	10	68	22	518	36	26	18	15	51	20	22
29	6.4	8.2	45	20	---	33	22	18	124	39	34	43
30	5.9	7.6	35	20	---	29	15	18	428	38	36	57
31	5.5	---	28	16	---	25	---	21	---	39	36	---
TOTAL	898.0	205.8	723.8	1,124	837.6	2,766	409.8	1,366	4,436	3,232	2,103	673.2
MEAN	29.0	6.86	23.3	36.3	29.9	89.2	13.7	44.1	148	104	67.8	22.4
MAX	85	17	158	195	518	497	40	171	457	425	253	57
MIN	5.5	4.3	6.7	14	5.2	18	2.9	13	13	37	20	8.5
CFSM	0.99	0.23	0.80	1.24	1.02	3.06	0.47	1.51	5.06	3.57	2.32	0.77
IN.	1.14	0.26	0.92	1.43	1.07	3.52	0.52	1.74	5.65	4.12	2.68	0.86

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

MEAN	24.3	7.36	21.3	20.7	15.8	20.6	6.84	9.95	107	97.6	101	113
MAX	48.0	13.0	54.1	58.3	35.1	89.2	13.7	44.1	429	177	226	257
(WY)	(2000)	(2003)	(2003)	(2003)	(2004)	(2005)	(2005)	(2005)	(2003)	(2001)	(2004)	(2001)
MIN	8.56	2.87	2.81	3.54	3.39	3.04	1.12	0.36	0.61	14.6	19.8	22.4
(WY)	(2003)	(2001)	(2002)	(2001)	(2001)	(2000)	(1999)	(2001)	(2000)	(2000)	(2000)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	20,594.1		18,775.2			
ANNUAL MEAN	56.3		51.4		47.7	
HIGHEST ANNUAL MEAN					83.2	2003
LOWEST ANNUAL MEAN					19.7	2000
HIGHEST DAILY MEAN	1,200	Sep 7	518	Feb 28	5,300	Jun 22, 2003
LOWEST DAILY MEAN	1.1	Jun 3	2.9	Apr 26	0.12	Jun 1, 2001
ANNUAL SEVEN-DAY MINIMUM	1.2	May 28	3.6	Apr 20	0.15	May 26, 2001
MAXIMUM PEAK FLOW			613	Feb 28	7,800	Jun 21, 2003
MAXIMUM PEAK STAGE			46.09	Feb 28	*50.12	Jun 21, 2003
ANNUAL RUNOFF (CFSM)	1.93		1.76		1.63	
ANNUAL RUNOFF (INCHES)	26.24		23.92		22.21	
10 PERCENT EXCEEDS	150		124		113	
50 PERCENT EXCEEDS	11		23		11	
90 PERCENT EXCEEDS	2.9		6.0		1.8	

e Estimated
*From high water mark

02298488 MYAKKA RIVER UPSTREAM FROM YOUNGS CREEK NEAR MYAKKA CITY, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	41.62	41.88	42.71	42.19	45.25	42.80	42.34	43.44	45.64	43.37	42.99
2	---	41.65	41.93	42.58	42.13	44.69	43.22	42.45	44.39	44.92	43.32	43.19
3	---	41.71	41.91	42.49	42.10	44.21	43.37	42.54	44.89	44.46	43.47	43.37
4	---	41.71	41.87	42.41	42.10	43.97	43.07	44.31	44.87	44.15	43.43	43.15
5	---	41.65	41.87	42.35	42.12	43.79	42.83	44.77	45.07	43.87	43.34	42.90
6	---	41.54	41.89	42.30	42.07	43.42	42.50	44.36	45.74	43.69	43.44	42.89
7	43.69	41.49	41.94	42.26	42.02	43.15	42.12	43.94	45.12	43.55	43.89	42.67
8	43.38	41.57	42.07	42.27	41.86	42.97	42.65	43.50	45.04	43.19	44.89	42.59
9	43.04	41.84	42.12	42.32	41.71	42.99	42.54	43.10	44.94	44.14	45.02	42.43
10	42.87	41.96	41.95	42.33	41.68	43.39	42.35	42.89	44.69	45.35	44.80	42.40
11	42.85	41.91	41.95	42.38	41.68	43.30	42.15	42.94	45.13	45.23	44.46	42.24
12	43.39	41.95	41.83	42.34	41.68	43.06	41.99	44.32	45.23	44.81	44.19	42.26
13	43.46	42.42	41.89	42.19	41.70	42.80	41.93	44.37	45.34	44.42	44.02	42.24
14	43.29	41.98	41.91	43.62	41.63	42.61	41.87	43.83	45.11	44.17	43.74	42.39
15	43.10	41.77	41.85	44.82	41.57	42.51	41.80	43.43	44.59	44.05	43.46	42.22
16	43.26	41.66	41.80	44.47	41.63	42.44	41.72	43.14	44.15	44.21	43.14	42.08
17	43.15	41.61	42.04	44.01	41.73	44.38	41.64	43.48	43.77	44.35	42.52	42.16
18	42.96	41.57	42.33	43.60	41.71	45.82	41.61	43.64	43.54	44.12	43.53	42.53
19	42.82	41.54	42.28	43.26	41.55	45.12	41.58	43.32	43.21	44.03	43.61	42.52
20	42.73	41.51	42.14	43.04	41.48	44.60	41.50	43.07	42.80	43.86	43.27	42.31
21	42.65	41.51	41.88	42.92	41.48	44.22	41.47	42.92	42.45	43.65	42.99	41.96
22	42.57	41.56	41.74	42.88	41.51	43.98	41.48	42.79	42.41	43.46	43.10	41.86
23	42.47	41.68	41.69	42.86	41.61	43.76	41.46	42.69	42.50	43.38	43.28	42.05
24	42.39	41.61	41.70	42.76	41.47	43.67	41.42	42.64	42.57	43.34	43.22	42.41
25	42.31	41.62	42.69	42.69	41.45	43.53	41.38	42.51	42.50	43.62	43.22	42.37
26	42.21	41.57	44.60	42.69	41.52	43.36	41.34	42.49	42.29	43.82	43.07	42.24
27	42.00	41.56	44.32	42.67	43.31	43.23	42.88	42.60	42.15	43.54	42.47	42.20
28	41.84	42.00	43.78	42.62	45.87	43.20	43.03	42.59	42.25	43.64	42.42	42.71
29	41.76	41.84	43.39	42.52	---	43.13	42.83	42.58	44.29	43.37	42.97	43.39
30	41.70	41.78	43.10	42.51	---	43.00	42.49	42.58	45.61	43.34	43.04	43.69
31	41.66	---	42.87	42.34	---	42.83	---	42.72	---	43.37	43.03	---
MEAN	---	41.71	42.30	42.81	41.95	43.63	42.17	43.19	44.00	44.02	43.47	42.55
MAX	---	42.42	44.60	44.82	45.87	45.82	43.37	44.77	45.74	45.64	45.02	43.69
MIN	---	41.49	41.69	42.19	41.45	42.44	41.34	42.34	42.15	43.19	42.42	41.86

02298492 LONG CREEK NEAR MYAKKA CITY, FL.

LOCATION.--Lat 27° 24'33", long 82° 07'36" (1927 North American datum), in NE$^{1}/_{4}$ sec.29, T.35 S., R.22 E., Manatee County, Hydrologic Unit 03100102, on right bank, 0.4 mi northeast of Myakka City-Wauchula Road, 1.5 mi northeast of confluence with Myakka River, and 5.0 mi northeast of Myakka City.

DRAINAGE AREA.--6.05 mi^2.

PERIOD OF RECORD.--December 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair except those for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	46	2.8	3.0	12	6.3	84	5.0	6.1	40	146	7.4	6.8
2	32	2.8	2.9	10	6.1	50	9.9	6.6	118	86	6.3	7.0
3	24	2.6	2.6	9.0	6.0	28	11	5.9	155	48	e5.0	7.0
4	19	2.5	2.3	8.4	5.9	22	7.1	e49	172	28	e4.2	8.6
5	30	2.4	2.1	7.8	5.6	17	6.1	e42	315	17	4.1	7.5
6	58	2.2	2.0	7.1	5.3	13	5.2	e30	268	10	6.4	6.3
7	52	2.2	1.8	6.7	5.6	10	5.3	e18	156	7.4	40	5.5
8	34	2.1	1.7	6.4	5.6	8.9	11	e12	144	6.3	95	4.8
9	21	1.7	1.6	6.3	5.1	9.2	7.6	e10	113	29	57	4.4
10	14	1.8	1.6	5.9	4.9	14	6.5	e9.2	80	136	34	4.0
11	11	2.0	1.8	5.6	4.6	12	5.5	8.6	140	135	19	3.7
12	17	2.0	1.5	5.3	4.6	10	4.9	90	133	101	13	3.5
13	16	1.6	1.2	5.1	4.9	8.3	5.3	109	109	55	10	3.0
14	15	1.5	1.1	59	5.0	7.3	4.7	64	73	38	12	2.6
15	12	1.5	0.99	102	5.0	6.5	4.0	33	50	43	8.9	2.6
16	10	1.4	0.88	80	5.0	6.1	3.7	20	34	47	7.0	2.7
17	8.4	1.5	0.95	50	5.4	130	3.9	18	24	28	6.3	2.7
18	7.4	1.6	1.3	31	5.2	228	4.0	30	18	19	9.7	2.5
19	6.7	1.8	1.2	21	4.9	132	3.7	30	13	14	34	2.0
20	6.2	1.5	1.0	15	5.3	75	3.4	19	11	12	25	1.6
21	5.4	1.2	1.4	14	5.3	44	3.0	13	10	15	14	2.1
22	4.9	1.1	1.2	12	5.3	28	2.6	11	10	9.9	12	2.2
23	4.8	1.6	1.1	11	5.1	20	2.9	9.7	9.0	7.7	9.1	2.3
24	4.3	1.4	1.2	10	5.2	17	3.3	8.5	8.2	6.4	7.2	2.2
25	3.9	2.0	23	11	5.1	14	3.1	7.4	7.3	6.2	6.3	2.1
26	3.6	2.2	85	10	5.6	13	2.8	7.0	6.5	5.6	5.6	2.3
27	3.6	2.0	73	10	58	11	e16	7.8	5.7	12	5.1	2.4
28	3.6	4.8	50	8.9	115	8.6	e12	7.1	5.6	25	5.6	3.3
29	3.6	3.6	31	7.8	---	7.5	6.3	6.7	11	11	6.9	3.0
30	3.0	3.1	20	7.0	---	6.7	5.7	6.6	110	9.5	6.9	2.7
31	2.7	---	14	6.5	---	5.8	---	8.8	---	9.0	6.7	---
TOTAL	483.1	62.5	334.42	561.8	310.9	1,046.9	175.5	704.0	2,349.3	1,123.0	489.7	113.4
MEAN	15.6	2.08	10.8	18.1	11.1	33.8	5.85	22.7	78.3	36.2	15.8	3.78
MAX	58	4.8	85	102	115	228	16	109	315	146	95	8.6
MIN	2.7	1.1	0.88	5.1	4.6	5.8	2.6	5.9	5.6	5.6	4.1	1.6
CFSM	2.58	0.34	1.78	3.00	1.84	5.58	0.97	3.75	12.9	5.99	2.61	0.62
IN.	2.97	0.38	2.06	3.45	1.91	6.44	1.08	4.33	14.45	6.91	3.01	0.70

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

MEAN	9.85	3.65	10.1	8.56	7.89	9.89	5.18	6.10	32.0	36.6	36.4	42.7
MAX	21.6	6.68	24.1	18.1	18.8	33.8	11.3	22.7	82.8	93.6	99.0	95.1
(WY)	(2000)	(2003)	(2003)	(2005)	(2004)	(2005)	(2003)	(2005)	(2003)	(2001)	(2004)	(2001)
MIN	2.24	1.23	1.90	3.95	2.92	2.65	1.28	0.51	2.32	12.6	11.7	3.78
(WY)	(2003)	(2001)	(2002)	(2001)	(1999)	(1999)	(1999)	(2000)	(2000)	(1999)	(2002)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	8,509.74		7,754.52			
ANNUAL MEAN	23.3		21.2		19.0	
HIGHEST ANNUAL MEAN					25.5	2003
LOWEST ANNUAL MEAN					11.1	2000
HIGHEST DAILY MEAN	583	Sep 6	315	Jun 5	658	Sep 14, 2001
LOWEST DAILY MEAN	0.02	Jun 3	0.88	Dec 16	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.09	May 29	1.1	Dec 14	0.00	May 29, 2000
MAXIMUM PEAK FLOW			353	Jun 5	1,000	Sep 14, 2001
MAXIMUM PEAK STAGE			46.12	Jun 5	47.67	Sep 14, 2001
ANNUAL RUNOFF (CFSM)	3.84		3.51		3.14	
ANNUAL RUNOFF (INCHES)	52.32		47.68		42.67	
10 PERCENT EXCEEDS	57		57		47	
50 PERCENT EXCEEDS	4.9		7.0		5.4	
90 PERCENT EXCEEDS	1.1		2.0		1.3	

e Estimated

02298492 LONG CREEK NEAR MYAKKA CITY, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43.98	42.55	42.58	43.01	42.68	44.45	42.75	42.83	43.65	44.99	42.98	42.94
2	43.72	42.55	42.57	42.93	42.67	44.03	43.03	42.87	44.72	44.51	42.91	42.96
3	43.49	42.53	42.55	42.86	42.66	43.60	43.10	42.82	45.05	44.06	---	42.96
4	43.32	42.51	42.52	42.82	42.65	43.42	42.91	---	45.16	43.70	---	43.04
5	43.64	42.50	42.50	42.79	42.64	43.28	42.83	---	45.96	43.37	42.73	42.99
6	44.15	42.48	42.49	42.75	42.61	43.13	42.76	---	45.73	43.13	42.87	42.91
7	44.07	42.49	42.48	42.72	42.63	43.01	42.77	---	45.05	42.98	43.69	42.84
8	43.76	42.47	42.47	42.70	42.63	42.93	43.10	---	44.96	42.90	44.59	42.79
9	43.46	42.43	42.46	42.69	42.60	42.96	42.94	---	44.69	43.54	44.20	42.75
10	43.23	42.44	42.46	42.65	42.57	43.19	42.86	---	44.35	44.91	43.83	42.72
11	43.11	42.46	42.49	42.63	42.55	43.10	42.78	42.99	44.91	44.91	43.45	42.69
12	43.34	42.46	42.46	42.61	42.55	43.01	42.74	44.47	44.88	44.64	43.24	42.67
13	43.32	42.42	42.44	42.59	42.58	42.91	42.77	44.69	44.67	44.18	43.13	42.63
14	43.26	42.41	42.43	43.83	42.58	42.85	42.72	44.20	44.29	43.91	43.21	42.59
15	43.15	42.41	42.41	44.63	42.59	42.80	42.66	43.68	43.98	43.99	43.06	42.58
16	43.08	42.40	42.39	44.41	42.58	42.76	42.63	43.30	43.69	44.05	42.96	42.60
17	42.99	42.41	42.40	44.02	42.62	44.52	42.65	43.26	43.42	43.69	42.91	42.60
18	42.93	42.42	42.45	43.66	42.60	45.52	42.66	43.58	43.23	43.46	43.08	42.57
19	42.88	42.44	42.44	43.36	42.58	44.88	42.63	43.59	43.09	43.28	43.82	42.53
20	42.84	42.41	42.42	43.18	42.61	44.37	42.60	43.26	42.98	43.20	43.63	42.48
21	42.78	42.38	42.46	43.12	42.61	43.97	42.57	43.03	42.97	43.30	43.28	42.54
22	42.74	42.37	42.44	43.03	42.61	43.63	42.52	42.93	42.99	43.11	43.19	42.55
23	42.73	42.42	42.43	42.97	42.60	43.41	42.56	42.86	42.96	43.00	43.07	42.55
24	42.68	42.40	42.44	42.94	42.60	43.32	42.60	42.79	42.94	42.92	42.97	42.55
25	42.64	42.47	43.15	42.99	42.60	43.23	42.58	42.73	42.90	42.90	42.91	42.53
26	42.62	42.48	44.47	42.95	42.63	43.18	42.54	42.70	42.87	42.85	42.85	42.55
27	42.62	42.46	44.34	42.94	43.73	43.08	---	42.75	42.83	43.03	42.81	42.57
28	42.62	42.73	44.02	42.85	44.74	42.98	---	42.71	42.84	43.60	42.85	42.66
29	42.62	42.63	43.65	42.79	---	42.91	42.85	42.67	43.17	43.17	42.95	42.63
30	42.57	42.58	43.33	42.74	---	42.87	42.80	42.67	44.58	43.09	42.95	42.60
31	42.54	---	43.14	42.70	---	42.80	---	42.79	---	43.07	42.94	---
MEAN	43.13	42.47	42.75	43.06	42.73	43.42	---	---	43.98	43.59	---	42.69
MAX	44.15	42.73	44.47	44.63	44.74	45.52	---	---	45.96	44.99	---	43.04
MIN	42.54	42.37	42.39	42.59	42.55	42.76	---	---	42.83	42.85	---	42.48

02298494 FLATFORD SWAMP NEAR MYAKKA RIVER NEAR MYAKKA CITY, FL.

LOCATION.--Lat 27° 23'37", long 82° 08'33" (1927 North American datum), in NE$^{1}/_{4}$ sec.31, T.35 S., R.22 E., Manatee County, Hydrologic Unit 03100102, 0.5 mi west of Myakka City-Wauchula Road, and 4.0 mi north of Myakka City.

DRAINAGE AREA.--Undetermined.

PERIOD OF RECORD.--March 1999 to current year (gage-heights only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (Southwest Florida Water Management District bench mark).

EXTREMES FOR PERIOD OF RECORD.--Maximum instantaneous gage height, 45.69 ft, June 22, 23, 2003; minimum observed, 38.97 ft, June 9, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum instantantaneous gage height, 42.32 ft, June 6, 7; minimum instantaneous, 40.36 ft, Nov. 24, 27.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41.69	40.85	40.74	41.05	40.95	41.98	41.13	41.08	41.26	42.25	41.40	41.23
2	41.57	40.83	40.74	41.01	40.93	41.79	41.17	41.07	41.46	42.15	41.37	41.28
3	41.46	40.80	40.74	40.98	40.91	41.58	41.18	41.09	41.78	41.91	41.33	41.29
4	41.38	40.79	40.73	40.96	40.90	41.44	41.20	41.23	41.96	41.73	41.30	41.29
5	41.33	40.78	40.72	40.94	40.88	41.33	41.20	41.51	42.12	41.63	41.29	41.29
6	41.31	40.76	40.72	40.92	40.86	41.26	41.18	41.64	42.23	41.52	41.40	41.29
7	41.38	40.75	40.71	40.91	40.84	41.20	41.15	41.56	42.23	41.44	41.61	41.29
8	41.40	40.73	40.70	40.89	40.83	41.14	41.17	41.46	42.02	41.39	41.75	41.27
9	41.36	40.72	40.69	40.88	40.82	41.12	41.13	41.37	41.94	41.49	41.90	41.25
10	41.30	40.72	40.69	40.86	40.82	41.12	41.11	41.29	41.87	41.75	41.92	41.22
11	41.26	40.70	40.69	40.85	40.81	41.12	41.09	41.25	41.91	42.13	41.85	41.19
12	41.27	40.69	40.68	40.85	40.80	41.13	41.06	41.29	42.08	42.07	41.75	41.15
13	41.24	40.68	40.68	40.84	40.78	41.12	41.05	41.52	42.08	41.92	41.66	41.12
14	41.24	40.68	40.68	41.04	40.77	41.09	41.02	41.61	42.07	41.78	41.62	41.08
15	41.25	40.67	40.67	41.36	40.75	41.06	40.99	41.53	41.93	41.70	41.56	41.05
16	41.24	40.67	40.67	41.56	40.74	41.03	40.96	41.44	41.74	41.69	41.50	41.03
17	41.21	40.67	40.66	41.49	40.72	41.30	40.93	41.37	41.60	41.67	41.43	41.00
18	41.19	40.67	40.69	41.37	40.72	42.05	40.90	41.32	41.48	41.65	41.38	40.98
19	41.18	40.67	40.68	41.27	40.70	42.14	40.87	41.34	41.41	41.61	41.32	40.96
20	41.15	40.67	40.68	41.19	40.69	41.88	40.85	41.36	41.34	41.56	41.31	40.94
21	41.12	40.66	40.67	41.13	40.68	41.67	40.83	41.34	41.30	41.54	41.42	40.95
22	41.10	40.65	40.67	41.09	40.68	41.53	40.80	41.30	41.27	41.49	41.45	40.96
23	41.06	40.64	40.69	41.06	40.68	41.44	40.79	41.26	41.23	41.44	41.41	40.97
24	41.04	40.64	40.71	41.04	40.67	41.37	40.77	41.22	41.20	41.39	41.38	41.00
25	41.01	40.66	40.86	41.02	40.67	41.32	40.75	41.19	41.16	41.35	41.36	40.98
26	40.99	40.65	41.18	41.02	40.68	41.28	40.73	41.15	41.13	41.31	41.34	40.96
27	40.96	40.64	41.39	41.01	40.93	41.25	40.90	41.12	41.11	41.35	41.33	40.95
28	40.94	40.71	41.38	41.01	41.50	41.23	40.90	41.10	41.14	41.58	41.33	41.00
29	40.91	40.72	41.28	41.00	---	41.20	40.95	41.08	41.22	41.59	41.30	41.01
30	40.89	40.73	41.18	40.98	---	41.17	41.02	41.07	41.60	41.51	41.26	41.00
31	40.87	---	41.11	40.96	---	41.15	---	41.12	---	41.45	41.22	---
MEAN	41.20	40.71	40.81	41.05	40.81	41.37	40.99	41.30	41.63	41.65	41.47	41.10
MAX	41.69	40.85	41.39	41.56	41.50	42.14	41.20	41.64	42.23	42.25	41.92	41.29
MIN	40.87	40.64	40.66	40.84	40.67	41.03	40.73	41.07	41.11	41.31	41.22	40.94

02298495 MAPLE CREEK NEAR MYAKKA CITY, FL.

LOCATION.--Lat 27° 23'03", long 82° 07'48" (1927 North American datum), in SW$^{1}/_{4}$ sec.32, T.35 S., R.22 E., Manatee County, Hydrologic Unit 03100102, on right bank approximately 1.0 mi east of the confluence with the Myakka River, approximately 0.5 mi east of the Myakka City-Wauchula Road, and approximately 3.5 mi northeast of Myakka City.

DRAINAGE AREA.--3.93 mi^2.

PERIOD OF RECORD.--January 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1.15 ft above North American Datum of 1988.

REMARKS.--Records fair except estimated and those above 200 ft^3/s which are considered poor due to poor rating definition.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	0.99	1.6	4.5	1.9	33	1.6	4.3	26	19	7.9	3.9
2	8.5	1.3	1.3	3.8	1.8	12	3.3	5.4	65	9.1	5.4	9.0
3	6.6	1.3	1.2	3.3	1.8	7.2	4.3	7.3	61	5.1	4.0	4.5
4	5.2	1.3	1.0	3.0	1.7	7.3	3.0	36	65	3.3	3.0	3.0
5	11	1.3	0.88	2.7	1.6	6.5	2.3	32	119	2.3	2.3	2.3
6	10	1.0	0.80	2.5	1.5	5.0	1.9	16	53	1.8	e5.5	2.1
7	7.0	0.70	0.81	2.4	1.5	4.0	1.8	9.0	23	1.4	e17	2.0
8	5.1	0.70	1.1	2.2	1.4	3.4	5.1	5.8	20	1.2	e71	1.8
9	3.9	1.0	0.96	2.1	1.4	4.6	4.3	4.1	13	15	25	1.7
10	3.1	1.1	0.86	2.0	1.4	10	3.0	3.0	10	50	11	1.7
11	3.5	0.74	0.80	2.0	1.4	7.5	2.3	3.0	53	43	6.9	1.5
12	12	0.75	0.69	1.9	1.3	5.3	1.7	11	51	29	4.7	1.3
13	9.6	1.2	0.61	1.8	1.2	3.9	1.9	8.1	48	16	3.5	1.3
14	6.3	1.1	0.57	51	1.2	3.2	2.0	5.2	22	11	3.2	1.2
15	4.6	0.79	0.54	69	1.2	2.9	1.8	3.5	10	27	2.6	1.2
16	3.7	0.61	0.59	30	1.1	2.7	1.6	2.6	6.5	34	2.0	1.1
17	2.9	0.55	0.78	13	1.1	86	1.5	2.3	4.8	19	1.4	1.0
18	2.3	0.51	1.0	8.3	1.1	109	1.4	1.9	3.6	11	1.3	0.85
19	2.0	0.47	1.1	6.4	1.2	45	1.3	1.5	2.8	6.5	1.5	0.71
20	1.9	0.43	0.94	5.3	1.3	17	1.1	1.2	2.2	5.1	1.2	0.66
21	1.8	0.39	0.79	4.8	1.3	9.8	0.91	1.00	2.1	6.4	1.2	0.81
22	1.6	0.38	0.83	4.3	1.3	7.4	0.77	0.89	2.2	5.6	1.6	1.3
23	1.4	0.39	1.2	3.8	1.3	6.2	0.66	0.79	2.1	4.0	1.4	1.7
24	1.3	0.67	1.2	3.4	1.7	6.1	0.57	0.71	2.1	3.0	1.1	2.6
25	1.4	2.4	30	3.7	1.6	5.4	0.49	0.62	1.9	2.9	1.1	1.7
26	1.3	2.2	86	3.7	1.6	4.5	0.46	0.53	1.6	2.4	1.0	1.1
27	1.3	1.5	35	3.2	47	3.6	12	0.52	1.4	5.8	1.1	0.94
28	1.2	2.6	13	2.9	81	3.0	9.9	0.52	1.7	63	2.2	1.8
29	1.2	2.3	8.4	2.6	---	2.5	5.2	0.54	5.1	27	2.9	1.9
30	1.3	1.8	6.5	2.3	---	2.1	3.6	0.53	19	12	2.1	1.5
31	1.3	---	5.3	2.1	---	1.8	---	1.3	---	11	1.5	---
TOTAL	135.3	32.47	206.35	254.0	164.9	427.9	81.76	171.15	698.1	452.9	197.6	58.17
MEAN	4.36	1.08	6.66	8.19	5.89	13.8	2.73	5.52	23.3	14.6	6.37	1.94
MAX	12	2.6	86	69	81	109	12	36	119	63	71	9.0
MIN	1.2	0.38	0.54	1.8	1.1	1.8	0.46	0.52	1.4	1.2	1.0	0.66
CFSM	1.11	0.28	1.69	2.08	1.50	3.51	0.69	1.40	5.92	3.72	1.62	0.49
IN.	1.28	0.31	1.95	2.40	1.56	4.05	0.77	1.62	6.61	4.29	1.87	0.55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

MEAN	4.23	3.21	5.44	5.22	5.11	5.19	2.68	2.14	21.0	20.5	16.5	26.4
MAX	9.11	10.4	12.6	8.50	12.2	13.8	8.60	5.52	67.8	55.5	41.8	46.7
(WY)	(2000)	(2003)	(2003)	(2003)	(2002)	(2005)	(2003)	(2005)	(2003)	(2001)	(2004)	(2001)
MIN	1.91	0.83	1.26	2.49	1.98	0.85	0.26	0.00	2.73	6.77	6.30	1.94
(WY)	(2001)	(2001)	(2001)	(2001)	(1999)	(1999)	(1999)	(2000)	(2004)	(1999)	(2002)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	4,195.33		2,880.60			
ANNUAL MEAN	11.5		7.89		10.6	
HIGHEST ANNUAL MEAN					15.6	2003
LOWEST ANNUAL MEAN					7.89	2005
HIGHEST DAILY MEAN	317	Sep 6	119	Jun 5	543	Jun 22, 2003
LOWEST DAILY MEAN	0.07	Jun 3	0.38	Nov 22	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.13	Apr 5	0.45	Nov 17	0.00	Apr 26, 2000
MAXIMUM PEAK FLOW			174	Mar 17	940	Jun 21, 2003
MAXIMUM PEAK STAGE			44.42	Jun 5	45.82	Jun 21, 2003
ANNUAL RUNOFF (CFSM)	2.92		2.01		2.69	
ANNUAL RUNOFF (INCHES)	39.71		27.27		36.51	
10 PERCENT EXCEEDS	27		19		24	
50 PERCENT EXCEEDS	2.4		2.3		2.4	
90 PERCENT EXCEEDS	0.39		0.80		0.29	

e Estimated

02298495 MAPLE CREEK NEAR MYAKKA CITY, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42.27	40.98	41.15	41.69	41.23	43.10	41.25	41.76	42.82	42.93	42.20	41.69
2	42.10	41.07	41.09	41.59	41.20	42.41	41.58	41.91	43.74	42.31	41.92	42.20
3	41.92	41.09	41.05	41.51	41.20	42.03	41.77	42.03	43.70	41.88	41.73	41.70
4	41.78	41.09	40.99	41.45	41.18	42.04	41.55	43.35	43.73	41.61	41.56	41.46
5	42.36	41.09	40.94	41.40	41.17	41.95	41.42	43.28	44.19	41.43	41.42	41.33
6	42.30	40.99	40.92	41.37	41.14	41.76	41.34	42.80	43.58	41.30	---	41.28
7	42.01	40.88	40.92	41.35	41.13	41.62	41.31	42.30	43.06	41.21	---	41.27
8	41.78	40.87	41.01	41.30	41.11	41.52	41.88	41.96	42.98	41.14	---	41.23
9	41.60	40.99	40.97	41.28	41.10	41.68	41.77	41.74	42.60	42.47	43.10	41.20
10	41.47	41.01	40.94	41.27	41.10	42.30	41.56	41.55	42.41	43.56	42.55	41.19
11	41.52	40.89	40.91	41.26	41.11	42.06	41.41	41.53	43.54	43.45	42.15	41.13
12	42.47	40.89	40.87	41.24	41.08	41.80	41.30	42.47	43.58	43.22	41.89	41.09
13	42.26	41.06	40.84	41.22	41.06	41.61	41.34	42.22	43.53	42.78	41.74	41.08
14	41.93	41.03	40.82	42.80	41.05	41.49	41.35	41.88	43.01	42.46	41.71	41.07
15	41.71	40.91	40.80	43.57	41.05	41.43	41.30	41.64	42.42	43.16	41.62	41.07
16	41.57	40.84	40.83	43.04	41.03	41.39	41.26	41.48	42.05	43.31	41.50	41.04
17	41.43	40.81	40.91	42.50	41.02	43.37	41.23	41.43	41.83	42.95	41.38	41.00
18	41.33	40.79	41.00	42.14	41.03	43.95	41.21	41.33	41.67	42.44	41.36	40.94
19	41.26	40.77	41.01	41.93	41.05	43.31	41.17	41.23	41.52	42.04	41.40	40.89
20	41.23	40.75	40.96	41.81	41.07	42.71	41.12	41.15	41.41	41.88	41.34	40.87
21	41.20	40.73	40.91	41.74	41.08	42.30	41.06	41.09	41.39	42.04	41.33	40.93
22	41.16	40.72	40.92	41.67	41.09	42.08	41.00	41.05	41.40	41.94	41.45	41.10
23	41.12	40.72	41.04	41.60	41.09	41.95	40.96	41.01	41.39	41.72	41.38	41.18
24	41.07	40.86	41.05	41.52	41.19	41.94	40.92	40.98	41.38	41.55	41.30	41.39
25	41.10	41.34	42.11	41.57	41.16	41.86	40.88	40.94	41.32	41.54	41.30	41.19
26	41.09	41.29	43.75	41.57	41.16	41.74	40.86	40.90	41.26	41.44	41.28	41.03
27	41.07	41.12	43.14	41.50	42.68	41.63	42.43	40.89	41.19	41.66	41.28	40.97
28	41.06	41.38	42.53	41.43	43.70	41.53	42.37	40.89	41.26	43.72	41.59	41.22
29	41.05	41.32	42.15	41.38	---	41.44	41.89	40.90	41.87	43.13	41.72	41.25
30	41.09	41.22	41.94	41.32	---	41.35	41.65	40.90	42.81	42.52	41.57	41.14
31	41.06	---	41.80	41.27	---	41.30	---	41.15	---	42.46	41.40	---
MEAN	41.56	40.98	41.30	41.69	41.26	42.02	41.40	41.60	42.42	42.30	---	41.20
MAX	42.47	41.38	43.75	43.57	43.70	43.95	42.43	43.35	44.19	43.72	---	42.20
MIN	41.05	40.72	40.80	41.22	41.02	41.30	40.86	40.89	41.19	41.14	---	40.87

02298527 OGLEBY CREEK DOWNSTREAM FROM BOGGY CREEK NEAR MYAKKA CITY, FL.

LOCATION.--Lat 27° 24'12", long 82° 10'55" (1927 North American datum), in SW$^{1}/_{4}$ sec.26, T.35 S., R.21 E., Manatee County, Hydrologic Unit 03100102, on downstream center bridge piling, 0.2 mi east of confluence of Ogleby and Boggy Creek, 3.3 mi north of State Highway 70, and 4.0 mi northwest of Myakka City.

DRAINAGE AREA.--8.71 mi^2.

PERIOD OF RECORD.--January 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1.89 ft below North American Datum of 1988.

REMARKS.--Records fair except those for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	154	4.5	2.2	32	5.7	163	9.8	14	43	e148	e16	7.1
2	106	3.9	1.9	27	4.7	134	33	17	95	e116	e12	13
3	74	3.3	1.8	23	3.8	108	42	17	118	e81	e7.7	10
4	52	3.0	1.6	19	3.8	94	32	30	130	e63	e5.7	7.5
5	e43	3.0	1.4	16	3.8	79	24	37	171	e49	e5.7	5.0
6	e34	2.8	1.4	14	3.8	60	19	32	153	e38	e5.7	4.0
7	e26	2.5	1.3	12	3.6	43	17	28	120	e27	e9.1	4.0
8	24	2.3	1.3	10	3.4	32	40	23	101	e16	e14	3.6
9	21	2.2	1.3	8.6	3.1	27	30	19	e95	e44	e7.5	2.9
10	18	2.2	1.4	7.3	3.2	36	23	15	e91	e79	4.2	2.2
11	17	2.1	1.7	6.2	3.2	35	18	13	e97	e58	2.7	1.5
12	34	1.9	1.4	5.3	2.9	28	13	13	e83	e55	2.2	0.94
13	31	1.8	1.2	4.7	2.6	23	12	9.9	e73	e53	2.2	1.2
14	28	1.8	1.1	99	2.3	20	12	7.6	e61	e53	2.7	1.5
15	22	1.7	0.95	114	1.9	18	9.7	6.9	e46	e53	2.0	1.7
16	19	1.6	0.89	89	1.7	16	6.4	7.1	e33	e56	1.4	1.2
17	16	1.5	0.94	73	2.0	158	4.8	6.5	e25	e45	1.0	0.55
18	15	1.4	1.5	58	3.1	249	5.4	5.4	e17	e37	1.8	0.88
19	13	1.3	1.7	44	3.4	214	7.1	4.0	e13	e29	1.6	1.3
20	12	1.3	1.5	34	2.8	164	5.1	2.6	e8.3	e23	0.90	2.0
21	11	1.2	1.3	25	2.6	125	2.8	1.9	e5.7	e18	2.9	5.0
22	9.9	1.2	1.3	21	2.9	97	2.2	2.1	e5.7	e12	10	5.6
23	8.8	1.2	1.6	18	2.8	79	2.2	2.1	e5.7	e12	7.8	4.2
24	7.9	1.1	2.1	16	2.2	63	2.1	1.6	e5.1	e8.4	4.7	3.4
25	7.8	1.8	53	17	1.8	46	2.0	1.3	e3.5	e7.7	3.5	1.5
26	7.1	1.8	116	13	2.0	35	2.0	1.2	e3.0	e6.4	2.5	0.43
27	6.0	1.6	75	11	108	25	39	1.5	e4.1	e7.7	2.4	6.7
28	5.2	5.1	59	11	184	20	28	1.9	e35	e12	4.2	57
29	5.5	3.7	51	9.7	---	16	16	1.4	e97	e16	4.2	22
30	5.0	2.7	44	8.3	---	13	12	0.42	e203	e17	4.4	11
31	4.4	---	38	6.8	---	10	---	2.9	---	e19	3.9	---
TOTAL	837.6	67.5	470.78	852.9	371.1	2,230	471.6	326.32	1,941.1	1,259.2	156.60	188.90
MEAN	27.0	2.25	15.2	27.5	13.3	71.9	15.7	10.5	64.7	40.6	5.05	6.30
MAX	154	5.1	116	114	184	249	42	37	203	148	16	57
MIN	4.4	1.1	0.89	4.7	1.7	10	2.0	0.42	3.0	6.4	0.90	0.43
CFSM	3.10	0.26	1.74	3.16	1.52	8.26	1.80	1.21	7.43	4.66	0.58	0.72
IN.	3.58	0.29	2.01	3.64	1.58	9.52	2.01	1.39	8.29	5.38	0.67	0.81

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

MEAN	20.8	4.78	18.8	13.8	9.67	15.8	7.30	5.91	65.6	81.5	101	104
MAX	37.9	12.9	60.8	43.4	30.8	71.9	17.6	21.1	237	191	210	245
(WY)	(2004)	(2003)	(2003)	(2003)	(2004)	(2005)	(2001)	(2003)	(2003)	(2001)	(2004)	(2004)
MIN	8.42	0.74	0.58	0.67	0.81	1.52	0.03	0.00	0.00	6.01	5.05	6.30
(WY)	(2003)	(2001)	(2001)	(2001)	(2001)	(2000)	(2000)	(2000)	(2000)	(2000)	(2005)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	19,618.55		9,173.60			
ANNUAL MEAN	53.6		25.1		38.5	
HIGHEST ANNUAL MEAN					67.3	2003
LOWEST ANNUAL MEAN					9.35	2000
HIGHEST DAILY MEAN	732	Sep 7	249	Mar 18	1,900	Sep 15, 2001
LOWEST DAILY MEAN	0.00	Jun 3	0.42	May 30	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.24	May 30	1.1	Sep 12	0.00	Apr 13, 1999
MAXIMUM PEAK FLOW			302	Mar 17	2,040	Sep 15, 2001
MAXIMUM PEAK STAGE			45.96	Mar 17	48.43	Sep 15, 2001
ANNUAL RUNOFF (CFSM)	6.15		2.89		4.42	
ANNUAL RUNOFF (INCHES)	83.79		39.18		60.04	
10 PERCENT EXCEEDS	156		79		102	
50 PERCENT EXCEEDS	8.0		7.9		6.1	
90 PERCENT EXCEEDS	1.1		1.5		0.49	

e Estimated

02298527 OGLEBY CREEK DOWNSTREAM FROM BOGGY CREEK NEAR MYAKKA CITY, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	45.21	42.88	42.55	43.75	43.10	45.26	43.45	43.51	44.04	---	---	43.32
2	44.92	42.81	42.51	43.65	43.04	45.07	44.02	43.64	44.71	---	---	43.63
3	44.68	42.75	42.50	43.56	42.97	44.87	44.25	43.62	44.93	---	---	43.52
4	44.46	42.71	42.46	43.47	42.96	44.75	44.07	43.94	45.01	---	---	43.39
5	---	42.72	42.44	43.39	42.97	44.60	43.89	44.09	45.27	---	---	43.24
6	---	42.69	42.43	43.32	42.97	44.39	43.76	43.98	45.15	---	---	43.17
7	---	42.65	42.42	43.25	42.95	44.14	43.70	43.91	44.92	---	---	43.16
8	43.82	42.62	42.42	43.19	42.93	43.93	44.21	43.80	44.76	---	---	43.13
9	43.74	42.59	42.41	43.13	42.91	43.84	44.04	43.68	---	---	---	43.07
10	43.60	42.60	42.43	43.07	42.91	44.02	43.87	43.58	---	---	43.48	42.98
11	43.58	42.58	42.49	43.01	42.91	44.00	43.73	43.51	---	---	43.35	42.89
12	44.09	42.56	42.43	42.97	42.88	43.86	43.59	43.49	---	---	43.29	42.80
13	44.03	42.54	42.40	42.93	42.86	43.76	43.55	43.37	---	---	43.29	42.84
14	43.95	42.53	42.39	44.35	42.81	43.67	43.54	43.26	---	---	43.35	42.89
15	43.77	42.51	42.36	44.83	42.77	43.60	43.45	43.22	---	---	43.26	42.92
16	43.65	42.49	42.35	44.62	42.74	43.55	43.28	43.24	---	---	43.18	42.84
17	43.55	42.47	42.36	44.47	42.78	44.97	43.17	43.21	---	---	43.11	42.73
18	43.49	42.46	42.45	44.29	42.90	45.73	43.21	43.13	---	---	43.23	42.79
19	43.43	42.44	42.48	44.10	42.93	45.56	43.32	43.03	---	---	43.20	42.86
20	43.37	42.44	42.45	43.93	42.87	45.29	43.19	42.91	---	---	43.09	42.95
21	43.32	42.42	42.42	43.77	42.86	45.02	43.00	42.82	---	---	43.15	43.24
22	43.26	42.41	42.41	43.66	42.89	44.81	42.94	42.84	---	---	43.53	43.27
23	43.19	42.41	42.47	43.59	42.88	44.65	42.94	42.85	---	---	43.40	43.18
24	43.14	42.40	42.54	43.54	42.80	44.47	42.93	42.77	---	---	43.22	43.11
25	43.14	42.53	43.42	43.57	42.76	44.25	42.92	42.73	---	---	43.12	42.89
26	43.09	42.53	44.69	43.44	42.78	44.07	42.91	42.71	---	---	43.02	42.71
27	43.00	42.49	44.32	43.39	44.33	43.88	44.07	42.76	---	---	43.01	42.91
28	42.94	42.81	44.13	43.38	45.38	43.76	43.90	42.82	---	---	43.18	44.36
29	42.96	42.70	44.03	43.31	---	43.66	43.60	42.75	---	---	43.18	43.74
30	42.93	42.61	43.93	43.25	---	43.56	43.45	42.58	---	---	43.19	43.42
31	42.87	---	43.84	43.17	---	43.46	---	42.84	---	---	43.16	---
MEAN	---	42.58	42.80	43.59	43.03	44.34	43.53	43.24	---	---	---	43.13
MAX	---	42.88	44.69	44.83	45.38	45.73	44.25	44.09	---	---	---	44.36
MIN	---	42.40	42.35	42.93	42.74	43.46	42.91	42.58	---	---	---	42.71

02298530 COKER CREEK NEAR MYAKKA CITY, FL.

LOCATION.--Lat 27° 24'34", long 82° 10'31"(1927 North American datum), in NE1/ 4 sec.26, T.35 S., R.21 E., Manatee County, Hydrologic Unit 03100102, on right bank, 0.25 mi upstream of confluence with Ogleby Creek, 3.7 mi north of State Highway 70, and 4.2 mi northwest of Myakka City.

DRAINAGE AREA.--6.59 mi^2.

PERIOD OF RECORD.--April 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is 11.26 ft below North American Datum of 1988.

REMARKS.--Records good except those for estimated daily discharges, which are poor and discharges above 1000 ft^3/s, which are considered poor due to poor rating definition.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	53	4.1	1.9	21	6.6	160	11	22	45	103	21	11
2	40	3.9	1.8	17	5.2	99	33	22	69	78	17	17
3	31	3.7	1.8	14	5.1	63	24	19	69	61	14	16
4	24	3.4	1.7	12	8.2	50	16	44	72	46	12	11
5	e26	3.3	1.6	10	10	41	14	37	86	36	9.5	11
6	e28	3.2	1.6	9.1	10	33	13	33	73	27	10	13
7	e19	3.0	1.5	7.8	9.3	28	12	31	59	20	13	12
8	14	2.9	1.5	6.9	8.8	23	33	26	49	16	27	6.4
9	12	2.7	1.5	6.1	9.5	22	20	20	41	43	16	4.8
10	11	2.7	1.5	5.4	10	28	15	16	39	63	12	5.1
11	11	2.6	1.5	5.0	11	22	13	13	83	47	9.8	6.2
12	21	2.5	1.4	4.8	10	20	11	17	70	49	13	6.2
13	20	2.4	1.4	4.6	9.7	20	11	12	65	44	14	6.2
14	16	2.3	1.4	49	7.3	19	9.8	9.5	52	49	18	6.6
15	14	2.3	1.3	60	6.4	16	8.2	7.5	41	46	14	6.0
16	14	2.2	1.2	45	7.9	13	9.0	9.1	34	48	12	5.7
17	13	2.1	1.2	43	11	107	10	17	27	37	10	3.9
18	12	2.0	1.3	38	11	115	12	8.7	21	29	17	4.9
19	11	1.9	1.3	32	11	103	11	6.2	17	22	11	8.7
20	10	1.9	1.3	26	8.8	72	6.4	5.1	13	18	9.1	9.6
21	9.6	1.8	1.2	22	11	52	5.8	5.0	11	22	12	17
22	8.8	1.7	1.2	19	12	41	8.4	4.9	10	18	21	16
23	8.0	1.7	1.2	16	11	34	11	4.9	11	17	13	7.7
24	7.3	1.7	1.2	14	8.2	30	9.0	5.4	8.7	14	7.3	4.4
25	6.8	1.7	14	12	7.6	25	6.2	5.8	8.2	13	6.1	3.5
26	6.3	1.6	49	11	7.1	21	4.8	6.0	7.3	12	5.5	4.1
27	5.8	1.7	36	10	96	18	42	6.6	6.3	11	6.7	11
28	5.3	2.3	32	9.4	168	17	25	3.8	15	18	6.9	40
29	5.0	2.3	34	9.0	---	15	18	3.3	57	21	7.5	16
30	4.7	2.1	30	8.4	---	12	18	2.9	147	22	7.7	16
31	4.4	---	25	7.6	---	10	---	8.9	---	29	7.2	---
TOTAL	472.0	73.7	254.5	555.1	497.7	1,329	440.6	432.6	1,306.5	1,079	380.3	307.0
MEAN	15.2	2.46	8.21	17.9	17.8	42.9	14.7	14.0	43.5	34.8	12.3	10.2
MAX	53	4.1	49	60	168	160	42	44	147	103	27	40
MIN	4.4	1.6	1.2	4.6	5.1	10	4.8	2.9	6.3	11	5.5	3.5
CFSM	2.31	0.37	1.25	2.72	2.70	6.51	2.23	2.12	6.61	5.28	1.86	1.55
IN.	2.66	0.42	1.44	3.13	2.81	7.50	2.49	2.44	7.38	6.09	2.15	1.73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

MEAN	12.4	4.15	11.7	10.5	13.0	19.0	9.07	6.62	41.0	43.4	48.2	44.8
MAX	18.2	9.84	34.3	25.9	22.1	42.9	18.3	14.0	146	70.9	94.9	115
(WY)	(2004)	(2003)	(2003)	(2003)	(2004)	(2005)	(2001)	(2005)	(2003)	(2001)	(2004)	(2004)
MIN	6.65	1.28	1.45	3.89	5.92	9.73	2.04	0.84	1.19	11.2	12.3	10.2
(WY)	(2001)	(2001)	(2002)	(2002)	(2000)	(2000)	(1999)	(2000)	(2000)	(2000)	(2005)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	11,227.4		7,128.0			
ANNUAL MEAN	30.7		19.5		22.8	
HIGHEST ANNUAL MEAN					37.3	2003
LOWEST ANNUAL MEAN					9.91	2000
HIGHEST DAILY MEAN	399	Sep 6	168	Feb 28	1,380	Jun 22, 2003
LOWEST DAILY MEAN	1.1	Jun 1	1.2	Dec 16	0.34	Jun 6, 2000
ANNUAL SEVEN-DAY MINIMUM	1.1	May 29	1.2	Dec 16	0.37	Jun 5, 2000
MAXIMUM PEAK FLOW			239	Feb 27	1,900	Jun 22, 2003
MAXIMUM PEAK STAGE			56.18	Feb 27	58.48	Jun 22, 2003
ANNUAL RUNOFF (CFSM)	4.65		2.96		3.46	
ANNUAL RUNOFF (INCHES)	63.38		40.24		47.00	
10 PERCENT EXCEEDS	76		46		58	
50 PERCENT EXCEEDS	10		11		9.0	
90 PERCENT EXCEEDS	1.7		2.2		1.7	

e Estimated

02298530 COKER CREEK NEAR MYAKKA CITY, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	54.83	53.21	52.95	54.10	53.32	55.83	53.62	54.11	54.64	55.47	54.01	53.58
2	54.63	53.19	52.94	53.97	53.20	55.44	54.34	54.14	55.13	55.24	53.88	53.86
3	54.45	53.17	52.93	53.85	53.19	55.00	54.17	54.02	55.16	54.96	53.75	53.83
4	54.30	53.15	52.91	53.75	53.43	54.78	53.89	54.73	55.23	54.69	53.63	53.57
5	---	53.14	52.90	53.66	53.54	54.57	53.79	54.56	55.40	54.46	53.50	53.58
6	---	53.11	52.89	53.58	53.55	54.39	53.73	54.46	55.24	54.22	53.54	53.71
7	---	53.10	52.89	53.50	53.50	54.24	53.70	54.41	55.01	53.98	53.60	53.62
8	53.95	53.08	52.88	53.44	53.47	54.09	54.43	54.25	54.83	53.81	54.21	53.30
9	53.86	53.06	52.87	53.38	53.50	54.08	54.04	54.08	54.67	54.52	53.83	53.18
10	53.80	53.06	52.88	53.32	53.56	54.25	53.86	53.90	54.62	55.01	53.62	53.20
11	53.78	53.05	52.88	53.30	53.56	54.06	53.76	53.80	55.33	54.71	53.52	53.29
12	54.12	53.03	52.87	53.28	53.54	53.99	53.66	53.95	55.20	54.75	53.68	53.29
13	54.06	53.02	52.86	53.25	53.52	53.99	53.65	53.74	55.12	54.63	53.75	53.29
14	53.93	53.01	52.86	54.51	53.37	53.96	53.60	53.60	54.89	54.74	53.88	53.32
15	53.85	53.00	52.84	54.96	53.30	53.83	53.51	53.47	54.67	54.68	53.72	53.27
16	53.84	52.99	52.83	54.66	53.40	53.73	53.56	53.56	54.50	54.73	53.66	53.25
17	53.79	52.98	52.83	54.61	53.57	55.21	53.63	53.95	54.30	54.47	53.54	53.09
18	53.73	52.96	52.85	54.49	53.60	55.60	53.72	53.54	54.11	54.26	53.84	53.17
19	53.69	52.95	52.85	54.34	53.56	55.51	53.67	53.38	53.96	54.04	53.60	53.45
20	53.65	52.95	52.84	54.18	53.46	55.18	53.40	53.29	53.79	53.90	53.48	53.50
21	53.61	52.93	52.83	54.05	53.57	54.84	53.35	53.29	53.67	54.03	53.60	53.86
22	53.57	52.92	52.83	53.93	53.65	54.61	53.53	53.27	53.63	53.91	53.99	53.83
23	53.51	52.91	52.83	53.83	53.60	54.44	53.65	53.28	53.65	53.86	53.70	53.39
24	53.47	52.91	52.83	53.72	53.43	54.34	53.57	53.32	53.55	53.72	53.37	53.15
25	53.43	52.92	53.45	53.65	53.39	54.20	53.38	53.35	53.52	53.68	53.28	53.05
26	53.40	52.91	54.84	53.58	53.36	54.07	53.27	53.36	53.46	53.61	53.24	53.11
27	53.36	52.91	54.54	53.54	54.76	53.96	54.59	53.41	53.39	53.61	53.32	53.48
28	53.32	53.01	54.44	53.50	55.87	53.91	54.24	53.18	53.67	53.91	53.34	54.51
29	53.30	53.01	54.49	53.47	---	53.82	54.00	53.12	54.94	54.01	53.38	53.85
30	53.27	52.97	54.40	53.44	---	53.68	53.99	53.08	55.63	54.05	53.40	53.87
31	53.24	---	54.25	53.39	---	53.61	---	53.48	---	54.25	53.36	---
MEAN	---	53.02	53.20	53.81	53.60	54.43	53.78	53.71	54.50	54.32	53.62	53.48
MAX	---	53.21	54.84	54.96	55.87	55.83	54.59	54.73	55.63	55.47	54.21	54.51
MIN	---	52.91	52.83	53.25	53.19	53.61	53.27	53.08	53.39	53.61	53.24	53.05

02298554 MYAKKA RIVER NEAR MYAKKA CITY, FL.

LOCATION.--Lat 27° 21'57", long 82° 08'58" (1927 North American datum), in NW1/4 sec.7, T.36 S., R.22 E., Manatee County, Hydrologic Unit 03100102, on downstream side of bridge on Wauchula Road, and 1.4 mi northeast of Myakka City.

DRAINAGE AREA.-- Indeterminate.

PERIOD OF RECORD.--October 2001 to current year.

GAGE.--Water-stage recorder. Datum of gage is 26.15 ft below North American Vertical Datum of 1988.

REMARKS.--Records fair except those for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	503	19	12	132	26	488	80	65	98	628	162	40
2	375	16	15	111	25	541	83	73	185	862	143	47
3	298	15	12	93	24	419	91	71	372	704	127	43
4	243	14	13	77	22	329	99	137	580	519	110	48
5	208	13	13	58	19	266	111	177	796	395	94	48
6	e174	12	10	51	15	221	106	244	822	316	116	44
7	149	11	12	43	14	187	98	269	869	256	228	41
8	140	9.5	9.2	35	14	153	107	227	795	209	261	41
9	137	8.2	9.3	28	12	129	102	184	624	259	279	36
10	128	7.6	8.6	25	11	125	101	148	555	325	330	32
11	120	7.2	9.0	22	10	107	93	122	604	493	329	28
12	137	6.1	8.9	20	9.9	97	82	124	693	587	291	25
13	122	6.0	10	18	11	90	74	108	779	530	245	23
14	111	6.1	8.3	102	9.6	83	65	145	742	440	220	20
15	104	5.2	7.8	205	8.5	72	54	184	678	384	183	15
16	100	4.3	7.9	295	6.5	64	43	172	563	371	148	13
17	93	5.3	8.0	306	7.0	181	38	159	443	366	116	12
18	85	5.0	9.4	263	5.8	447	29	118	353	342	97	9.4
19	78	4.3	11	219	4.2	715	26	91	279	308	82	8.8
20	72	4.6	11	180	4.5	614	22	81	219	270	62	5.9
21	67	4.2	10	147	5.0	457	21	77	174	238	54	5.0
22	60	4.6	10	121	4.7	351	16	78	141	206	64	8.8
23	53	3.9	8.5	100	4.0	288	16	72	113	177	72	13
24	46	4.5	11	e77	4.7	246	12	59	91	155	70	18
25	40	6.0	52	e63	4.9	210	11	52	71	136	71	15
26	35	4.1	146	53	5.1	183	8.5	43	59	119	66	12
27	31	5.2	188	48	75	158	50	36	52	107	60	11
28	28	16	232	43	224	139	45	28	52	180	61	20
29	26	16	215	39	---	120	59	26	95	231	55	23
30	23	14	182	36	---	101	59	20	208	215	40	31
31	21	---	155	32	---	90	---	37	---	190	39	---
TOTAL	3,807	257.9	1,414.9	3,042	586.4	7,671	1,801.5	3,427	12,105	10,518	4,275	736.9
MEAN	123	8.60	45.6	98.1	20.9	247	60.0	111	404	339	138	24.6
MAX	503	19	232	306	224	715	111	269	869	862	330	48
MIN	21	3.9	7.8	18	4.0	64	8.5	20	52	107	39	5.0

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

MEAN	94.4	30.8	86.0	74.3	56.5	101	32.8	47.6	386	312	469	303
MAX	149	64.2	182	146	123	247	60.0	111	965	383	711	650
(WY)	(2004)	(2003)	(2003)	(2003)	(2004)	(2005)	(2005)	(2005)	(2003)	(2002)	(2003)	(2004)
MIN	39.6	8.60	4.02	21.8	20.9	34.2	8.86	1.82	25.8	257	138	24.6
(WY)	(2003)	(2005)	(2002)	(2002)	(2005)	(2002)	(2004)	(2002)	(2004)	(2004)	(2005)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2002 - 2005	
ANNUAL TOTAL	61,331.7		49,642.6			
ANNUAL MEAN	168		136		167	
HIGHEST ANNUAL MEAN					241	2003
LOWEST ANNUAL MEAN					112	2002
HIGHEST DAILY MEAN	2,430	Sep 7	869	Jun 7	7,480	Jun 23, 2003
LOWEST DAILY MEAN	1.5	Jun 3	3.9	Nov 23	0.24	May 14, 2002
ANNUAL SEVEN-DAY MINIMUM	2.0	May 29	4.4	Nov 18	0.39	May 10, 2002
MAXIMUM PEAK FLOW			929	Jun 7	9,270	Jun 22, 2003
MAXIMUM PEAK STAGE			11.92	Jul 2	17.37	Jun 22, 2003
10 PERCENT EXCEEDS	462		358		426	
50 PERCENT EXCEEDS	40		72		51	
90 PERCENT EXCEEDS	5.5		8.4		5.5	

e Estimated

02298554 MYAKKA RIVER NEAR MYAKKA CITY, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.21	7.73	7.02	9.46	8.13	11.19	8.71	8.45	8.94	11.34	9.58	8.30
2	10.82	7.62	7.15	9.24	8.10	11.35	8.77	8.60	9.75	11.88	9.43	8.46
3	10.54	7.58	6.99	9.04	8.04	10.99	8.89	8.55	10.67	11.55	9.29	8.38
4	10.29	7.52	7.06	8.84	7.96	10.66	9.00	9.45	11.27	11.10	9.12	8.48
5	10.12	7.46	7.07	8.57	7.86	10.38	9.16	9.83	11.72	10.72	8.95	8.46
6	---	7.40	6.92	8.46	7.71	10.14	9.09	10.26	11.74	10.42	9.11	8.40
7	9.73	7.35	7.03	8.34	7.67	9.94	8.99	10.40	11.79	10.14	9.99	8.33
8	9.66	7.28	6.85	8.19	7.67	9.73	9.11	10.17	11.64	9.88	10.17	8.34
9	9.64	7.19	6.85	8.02	7.55	9.55	9.04	9.89	11.27	10.15	10.26	8.21
10	9.55	7.15	6.81	7.98	7.52	9.52	9.03	9.58	11.10	10.46	10.48	8.14
11	9.47	7.12	6.84	7.90	7.44	9.36	8.91	9.30	11.23	11.02	10.49	8.00
12	9.64	7.02	6.83	7.83	7.44	9.26	8.75	9.32	11.44	11.28	10.34	7.90
13	9.50	7.03	6.92	7.79	7.52	9.19	8.62	9.13	11.63	11.13	10.14	7.85
14	9.38	7.04	6.79	9.01	7.42	9.11	8.45	9.54	11.56	10.87	10.02	7.72
15	9.31	6.94	6.76	10.05	7.35	8.98	8.25	9.89	11.43	10.69	9.80	7.51
16	9.27	6.82	6.76	10.52	7.21	8.87	8.02	9.79	11.16	10.64	9.58	7.43
17	9.18	6.97	6.77	10.57	7.25	9.80	7.91	9.68	10.82	10.62	9.31	7.38
18	9.09	6.92	6.86	10.37	7.15	11.04	7.68	9.25	10.51	10.52	9.12	7.20
19	9.00	6.83	6.96	10.13	6.96	11.77	7.60	8.90	10.20	10.39	8.95	7.16
20	8.92	6.88	6.93	9.90	7.01	11.53	7.43	8.76	9.90	10.21	8.70	6.96
21	8.84	6.81	6.92	9.68	7.10	11.11	7.42	8.70	9.62	10.05	8.57	6.87
22	8.74	6.87	6.90	9.47	7.04	10.75	7.23	8.70	9.38	9.86	8.74	7.15
23	8.62	6.75	6.81	9.27	6.93	10.49	7.20	8.61	9.12	9.68	8.86	7.36
24	8.50	6.87	6.98	---	7.05	10.28	7.02	8.38	8.89	9.52	8.82	7.58
25	8.38	7.02	7.89	---	7.08	10.08	6.93	8.24	8.64	9.37	8.84	7.45
26	8.26	6.79	9.56	8.68	7.11	9.89	6.80	8.07	8.46	9.21	8.77	7.32
27	8.16	6.81	9.91	8.60	8.55	9.68	8.12	7.92	8.34	9.09	8.67	7.20
28	8.07	7.24	10.21	8.52	10.14	9.49	8.06	7.69	8.35	9.69	8.70	7.62
29	7.99	7.19	10.10	8.44	---	9.27	8.34	7.65	8.95	10.01	8.59	7.74
30	7.91	7.13	9.89	8.38	---	9.02	8.35	7.43	9.80	9.92	8.32	7.99
31	7.82	---	9.67	8.30	---	8.87	---	7.88	---	9.76	8.30	---
MEAN	---	7.11	7.52	---	7.57	10.04	8.23	8.97	10.31	10.36	9.29	7.76
MAX	---	7.73	10.21	---	10.14	11.77	9.16	10.40	11.79	11.88	10.49	8.48
MIN	---	6.75	6.76	---	6.93	8.87	6.80	7.43	8.34	9.09	8.30	6.87

02298608 MYAKKA RIVER AT MYAKKA CITY, FL.

LOCATION.--Lat 27° 20'36", long 82° 09'25" (1927 North American datum), in SE$^{1}/_{4}$ sec.13, T.36 S., R.21 E., Manatee County, Hydrologic Unit 03100102, near left bank on downstream side of bridge on State Highway 70, 0.3 mi southeast of Myakka City, and 56 mi upstream from mouth.

DRAINAGE AREA.--125 mi^2.

PERIOD OF RECORD.--February 1963 to September 1966; October 1977 to current year.

GAGE.--Water-stage recorder. Datum of gage is 24.45 ft above National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark). Prior to September 1966, at site 1,100 ft upstream at datum 0.64 ft lower.

REMARKS.--Records fair except for estimated daily discharges, which are poor. WDR 1992 through WDR 2002 period of record gage height at present datum.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	774	29	17	179	49	731	90	64	150	582	221	56
2	557	28	19	143	47	898	92	76	435	948	185	65
3	446	26	18	115	46	699	109	68	737	826	154	60
4	363	25	17	93	44	524	111	142	983	593	129	62
5	305	24	18	73	41	416	122	227	1,640	451	108	60
6	252	23	15	64	38	331	115	316	1,270	349	105	57
7	214	22	16	59	37	268	102	374	1,110	271	219	53
8	189	21	14	52	37	216	120	324	1,030	208	280	53
9	176	20	14	46	35	177	116	252	757	311	328	50
10	157	19	13	44	33	182	110	183	615	574	377	46
11	141	18	13	42	33	162	98	142	773	737	392	44
12	180	18	13	40	32	141	84	145	921	762	347	39
13	164	17	14	38	33	125	74	129	918	643	286	39
14	138	18	13	158	31	110	65	152	837	539	243	36
15	121	17	12	369	30	94	55	211	722	550	203	33
16	111	14	12	461	27	83	47	201	585	568	166	29
17	99	16	12	483	28	308	43	208	466	501	136	29
18	87	16	14	418	27	972	38	137	367	432	116	25
19	78	14	15	335	24	1,270	36	96	279	369	102	e24
20	71	15	15	265	24	1,080	32	80	205	313	83	e22
21	65	14	14	210	25	781	32	73	151	266	73	21
22	59	15	14	166	25	572	28	72	120	223	87	24
23	53	13	13	137	23	460	28	67	97	179	89	28
24	48	14	15	111	24	383	24	56	93	154	83	34
25	44	17	44	93	25	321	23	50	87	152	82	32
26	41	15	214	80	25	269	21	45	63	188	79	30
27	38	15	280	73	121	221	54	46	51	152	72	27
28	36	20	366	68	433	184	62	43	52	205	74	38
29	34	20	350	65	---	153	65	39	98	307	74	42
30	32	20	286	62	---	124	64	33	204	282	66	48
31	31	---	227	56	---	104	---	42	---	247	63	---
TOTAL	5,104	563	2,117	4,598	1,397	12,359	2,060	4,093	15,816	12,882	5,022	1,206
MEAN	165	18.8	68.3	148	49.9	399	68.7	132	527	416	162	40.2
MAX	774	29	366	483	433	1,270	122	374	1,640	948	392	65
MIN	31	13	12	38	23	83	21	33	51	152	63	21
CFSM	1.32	0.15	0.55	1.19	0.40	3.19	0.55	1.06	4.22	3.32	1.30	0.32
IN.	1.52	0.17	0.63	1.37	0.42	3.68	0.61	1.22	4.71	3.83	1.49	0.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2005, BY WATER YEAR (WY)

MEAN	141	69.8	72.6	91.0	100	129	61.9	30.8	219	279	371	390
MAX	392	840	658	510	839	820	360	166	1,252	959	1,187	1,112
(WY)	(1983)	(1998)	(1998)	(1998)	(1998)	(1998)	(1993)	(1991)	(2003)	(2001)	(2004)	(2001)
MIN	1.06	3.40	3.31	4.65	9.28	8.47	2.43	0.07	2.40	20.9	20.8	5.72
(WY)	(1985)	(1965)	(1986)	(1985)	(1985)	(1985)	(1965)	(1985)	(1998)	(1981)	(1980)	(1984)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1964 - 2005	
ANNUAL TOTAL	99,887.4		67,217			
ANNUAL MEAN	273		184		163	
HIGHEST ANNUAL MEAN					404	1998
LOWEST ANNUAL MEAN					49.1	1980
HIGHEST DAILY MEAN	3,930	Sep 7	1,640	Jun 5	9,250	Jun 27, 1992
LOWEST DAILY MEAN	1.9	Jun 3	12	Dec 15	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	3.0	May 29	13	Dec 11	0.00	May 25, 1964
MAXIMUM PEAK FLOW			1,780	Jun 5	12,800	Jun 26, 1992
MAXIMUM PEAK STAGE			12.28	Jun 5	17.39	Jun 22, 2003
ANNUAL RUNOFF (CFSM)	2.18		1.47		1.31	
ANNUAL RUNOFF (INCHES)	29.73		20.00		17.74	
10 PERCENT EXCEEDS	788		510		425	
50 PERCENT EXCEEDS	44		82		44	
90 PERCENT EXCEEDS	11		18		5.4	

e Estimated

02298608 MYAKKA RIVER AT MYAKKA CITY, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--May 1993 to September 2005 (discontinued).

GAGE.--A 6-inch diameter, tipping bucket precipitation gage, mounted on top of gage house with the top of funnel 8 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2001 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	2.21	0.08	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.00	1.20	0.15	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.44	0.81	0.00	0.00	0.00
4	0.24	0.00	0.00	0.00	0.00	0.03	0.00	0.39	2.51	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.06	0.01
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.00	1.48	0.00	0.07	0.01
8	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02	1.12	0.09	0.00
9	0.00	0.05	0.00	0.00	0.00	0.16	0.00	0.00	0.00	1.71	0.00	0.00
10	0.00	0.00	0.00	0.00	0.02	0.04	0.00	0.00	1.02	0.52	0.00	0.00
11	1.36	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.81	0.01	0.00	0.00
12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.14	0.33	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.16	0.00	0.00
14	0.00	0.00	0.00	1.86	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.01
15	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.25	0.00	0.00
16	0.00	0.00	0.00	0.01	0.00	0.05	0.00	0.64	0.00	0.01	0.00	0.00
17	0.00	0.00	0.04	0.00	0.00	3.23	0.00	0.00	0.00	0.00	0.32	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.00	0.02	0.08	0.07	---
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.27	---
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	---
23	0.00	0.00	0.01	0.01	0.00	0.31	0.01	0.00	0.42	0.00	0.00	---
24	0.00	0.30	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.07	---
25	0.00	0.00	2.14	0.60	0.03	0.00	0.00	0.00	0.00	0.90	0.07	---
26	0.00	0.00	0.00	0.00	0.10	0.00	0.58	0.03	0.00	0.01	0.00	---
27	0.00	0.18	0.00	0.00	1.82	0.00	1.02	0.00	0.14	0.29	0.27	---
28	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	1.77	0.12	0.16	---
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.04	0.00	0.00	---
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.55	0.11	0.00	---
31	0.00	---	0.00	0.00	---	0.00	---	1.16	---	0.00	0.00	---
TOTAL	1.70	0.53	2.28	2.49	1.97	3.91	3.14	4.52	13.27	7.15	2.34	---

CAL YR 2004 TOTAL 62.59

02298760 HOWARD CREEK NEAR SARASOTA, FL.

LOCATION.--Lat 27° 17'17", long 82° 20'25" (1927 North American datum), in SE$^{1}/_{4}$ sec.6, T.37 S., R.20 E., Sarasota County, Hydrologic Unit 03100102, on right bank, 3.2 mi above mouth, 3.4 mi south of State Highway 780, and 12.2 mi east of Sarasota.

DRAINAGE AREA.--20.0 mi^2.

PERIOD OF RECORD.--October 1983 to September 1995; October 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage is 10.67 ft. below North American Vertal Datum of 1988.

REMARKS.--Records fair.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50	2.9	2.5	7.1	3.9	197	4.9	3.6	7.7	391	21	1.9
2	28	3.3	2.2	5.8	3.5	67	26	5.1	57	336	14	1.8
3	18	2.7	1.9	5.2	3.4	34	47	4.6	91	189	12	1.7
4	12	2.3	1.5	5.2	3.3	26	23	7.2	89	69	8.4	1.7
5	13	2.1	1.5	5.1	3.4	20	13	11	194	24	5.9	1.6
6	11	1.9	2.3	4.5	3.9	14	9.2	9.5	162	12	5.5	1.6
7	8.0	1.7	3.4	4.3	4.3	11	7.3	5.8	87	7.2	7.9	1.6
8	6.0	1.7	2.7	4.3	4.8	9.2	24	3.8	41	4.8	8.3	1.7
9	4.6	1.6	2.2	3.9	3.9	10	21	2.5	80	68	22	1.6
10	3.4	1.6	1.9	4.5	3.4	23	12	1.9	94	129	13	1.5
11	3.6	1.6	1.8	5.6	2.7	19	8.7	1.1	281	95	8.0	1.2
12	16	1.6	1.8	4.8	3.3	14	6.2	0.89	493	62	5.3	0.88
13	14	1.5	1.8	3.5	4.5	10	4.8	0.84	628	51	4.3	0.80
14	10	1.5	1.8	45	4.4	7.4	4.5	0.84	520	68	5.8	0.70
15	7.6	1.5	1.7	81	3.2	6.3	3.6	0.81	294	68	4.3	0.73
16	6.8	1.5	2.3	39	2.6	5.6	3.0	0.80	122	53	3.5	0.63
17	5.6	1.4	3.3	23	2.6	231	2.5	1.1	41	34	3.1	0.55
18	4.9	1.4	3.9	15	2.4	542	2.6	0.91	20	20	11	0.50
19	4.5	1.3	2.9	11	2.4	417	2.7	0.75	12	12	6.7	0.55
20	4.1	1.3	1.9	8.8	2.6	176	2.4	0.68	7.5	8.7	4.3	0.65
21	3.7	1.3	1.6	7.6	4.0	55	2.0	0.64	5.7	6.1	3.7	0.64
22	3.4	1.2	1.5	6.3	4.3	33	1.6	0.62	4.5	4.3	6.0	0.68
23	3.2	1.7	1.6	5.6	3.0	24	1.4	2.8	4.1	3.4	13	0.73
24	3.0	1.8	1.6	5.1	2.3	25	1.5	4.3	4.4	5.9	7.3	1.8
25	2.9	1.9	35	5.9	2.0	21	1.7	4.1	3.3	36	4.6	1.4
26	2.7	1.7	139	6.1	2.0	17	1.8	3.9	2.6	212	3.6	0.89
27	2.7	1.7	54	5.6	101	13	13	3.5	2.0	129	3.3	0.69
28	2.6	2.6	28	4.7	331	11	17	3.2	3.7	60	3.2	0.59
29	2.4	4.2	17	4.0	---	8.8	6.2	2.6	59	164	2.7	1.8
30	2.4	3.1	11	4.1	---	6.7	3.7	2.1	183	76	2.5	3.3
31	2.4	---	8.1	4.0	---	5.8	---	3.1	---	32	2.0	---
TOTAL	262.5	57.6	343.7	345.6	518.1	2,059.8	278.3	94.58	3,593.5	2,430.4	226.2	36.41
MEAN	8.47	1.92	11.1	11.1	18.5	66.4	9.28	3.05	120	78.4	7.30	1.21
MAX	50	4.2	139	81	331	542	47	11	628	391	22	3.3
MIN	2.4	1.2	1.5	3.5	2.0	5.6	1.4	0.62	2.0	3.4	2.0	0.50
AC-FT	521	114	682	685	1,030	4,090	552	188	7,130	4,820	449	72

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2005, BY WATER YEAR (WY)

MEAN	9.69	3.44	9.60	7.46	5.91	15.2	9.23	6.52	38.3	40.7	64.4	69.3
MAX	41.8	13.2	54.9	30.7	22.7	68.2	53.2	60.4	219	167	213	202
(WY)	(1995)	(1984)	(2003)	(2003)	(2004)	(1987)	(1993)	(1991)	(2003)	(2001)	(2004)	(1988)
MIN	0.66	0.16	0.28	0.40	0.10	1.15	0.00	0.00	0.00	0.24	7.30	1.21
(WY)	(2001)	(2001)	(2001)	(2001)	(2001)	(1989)	(1989)	(1989)	(1990)	(1990)	(2005)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1984 - 2005	
ANNUAL TOTAL	14,770.75		10,246.69			
ANNUAL MEAN	40.4		28.1		23.9	
HIGHEST ANNUAL MEAN					57.1	2003
LOWEST ANNUAL MEAN					2.65	1990
HIGHEST DAILY MEAN	708	Aug 15	628	Jun 13	2,600	Jun 27, 1992
LOWEST DAILY MEAN	0.00	Jun 2	0.50	Sep 18	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.02	May 29	0.60	Sep 16	0.00	May 30, 1985
MAXIMUM PEAK FLOW			636	Jun 13	3,000	Jun 23, 2003
MAXIMUM PEAK STAGE			16.68	Jun 13	*19.93	Jun 23, 2003
ANNUAL RUNOFF (AC-FT)	29,300		20,320		17,330	
10 PERCENT EXCEEDS	118		67		51	
50 PERCENT EXCEEDS	2.9		4.3		3.0	
90 PERCENT EXCEEDS	0.50		1.5		0.23	

*From high water mark

02298830 MYAKKA RIVER NEAR SARASOTA, FL.

LOCATION.--Lat 27° 14'25", long 82° 18'50" (1927 North American datum), in SW$^{1}/_{4}$ sec.21, T.37 S., R.20 E., Sarasota County, Hydrologic Unit 03100102, on right bank, 0.5 mi upstream from bridge on State Highway 72, 1.9 mi upstream from Lower Myakka Lake, 14 mi southeast of Sarasota, and 36 mi upstream from mouth.

DRAINAGE AREA.--229 mi^2.

PERIOD OF RECORD.--August 1936 to current year.

REVISED RECORDS.--WSP 1234: Drainage area. WDR FL-73-3: Drainage area. WRD FL-90-3A: 1989.

GAGE.--Water-stage recorder. Datum of gage is 7.92 ft above National Geodetic Vertical Datum of 1929 (National Park Service bench mark). Prior to Apr. 10, 1941, nonrecording gage at site 0.5 mi downstream at same datum; Apr. 10, 1941, to June 28, 1961, nonrecording gage at present site at same datum.

REMARKS.--Records good. Records include flow from Vanderipe Slough at extreme high stages.

REVISIONS.--The instantaneous peak gage height, discharge, and date for the period of record report for water year 1989 are in error. The correct date is July 9, 1989; the correct gage height is 6.94 ft; and the correct discharge is 567 ft^3/s. The instantaneous peak gage height and date for the period of record reported for water years 1994-1998 are in error. The correct gage height is 11.73 ft and the correct date is June 29, 1992.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,510	198	31	284	242	158	409	69	114	423	766	239
2	1,460	183	30	302	228	250	390	70	157	482	700	228
3	1,340	169	30	308	214	330	373	71	230	542	645	215
4	1,190	155	30	305	202	401	357	81	329	598	604	202
5	1,100	144	29	296	190	447	341	88	524	626	562	189
6	994	132	28	284	177	466	323	98	802	622	525	178
7	859	120	28	270	165	466	306	111	1,110	600	503	167
8	734	109	27	256	154	455	300	128	1,250	575	502	157
9	649	100	27	241	143	444	293	148	1,300	604	511	149
10	604	93	25	227	133	434	285	168	1,290	654	520	143
11	575	83	23	213	123	416	274	183	1,460	747	525	133
12	564	75	21	200	112	399	260	190	1,720	861	523	124
13	548	68	20	186	104	380	246	191	1,990	911	518	114
14	532	63	19	206	95	363	232	187	1,960	976	513	105
15	510	58	18	239	88	347	218	184	1,760	1,070	501	97
16	488	53	17	287	82	329	205	180	1,540	1,100	485	89
17	464	48	16	332	75	346	189	180	1,280	1,050	465	81
18	443	44	16	368	68	451	174	181	1,050	979	451	73
19	423	40	16	394	61	582	160	180	867	890	433	65
20	406	37	16	410	52	694	146	177	733	802	414	59
21	387	33	16	416	45	794	133	170	706	715	395	52
22	369	30	15	412	39	817	120	161	618	649	382	47
23	350	28	16	400	35	769	107	151	565	612	366	44
24	331	25	16	385	32	702	97	140	525	579	351	40
25	313	29	26	366	29	639	86	130	490	577	336	36
26	296	30	56	347	28	600	77	123	458	641	320	34
27	278	30	94	328	40	560	80	115	427	739	301	32
28	261	32	136	312	91	525	76	105	400	737	289	31
29	245	32	174	292	---	494	72	97	385	716	276	30
30	229	31	212	273	---	465	69	89	390	753	263	32
31	214	---	252	257	---	436	---	91	---	807	251	---
TOTAL	18,666	2,272	1,480	9,396	3,047	14,959	6,398	4,237	26,430	22,637	14,196	3,185
MEAN	602	75.7	47.7	303	109	483	213	137	881	730	458	106
MAX	1,510	198	252	416	242	817	409	191	1,990	1,100	766	239
MIN	214	25	15	186	28	158	69	69	114	423	251	30
CFSM	2.63	0.33	0.21	1.32	0.48	2.11	0.93	0.60	3.85	3.19	2.00	0.46
IN.	3.03	0.37	0.24	1.53	0.49	2.43	1.04	0.69	4.29	3.68	2.31	0.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2005, BY WATER YEAR (WY)

MEAN	384	108	85.9	123	127	167	96.0	41.9	207	441	640	695
MAX	1,325	1,080	1,074	811	1,386	1,351	601	258	2,057	1,625	2,032	2,467
(WY)	(1949)	(1998)	(1998)	(1998)	(1998)	(1998)	(1993)	(1991)	(2003)	(1947)	(1949)	(1947)
MIN	7.09	0.66	0.10	0.15	0.00	0.00	0.00	0.00	0.00	5.21	45.8	15.7
(WY)	(1975)	(1975)	(1943)	(1943)	(1943)	(1939)	(1938)	(1938)	(1944)	(1955)	(1942)	(1938)

02298830 MYAKKA RIVER NEAR SARASOTA, FL.—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1937 - 2005	
ANNUAL TOTAL	133,731.2		126,903			
ANNUAL MEAN	365		348		261	
HIGHEST ANNUAL MEAN					616	2003
LOWEST ANNUAL MEAN					73.1	1956
HIGHEST DAILY MEAN	3,560	Sep 11	1,990	Jun 13	10,800	Jun 24, 2003
LOWEST DAILY MEAN	2.1	Jun 4	15	Dec 22	0.00	Mar 14, 1938
ANNUAL SEVEN-DAY MINIMUM	2.6	Jun 3	16	Dec 17	0.00	Mar 28, 1938
MAXIMUM PEAK FLOW			2,020	Jun 13	11,100	Jun 24, 2003
MAXIMUM PEAK STAGE			8.98	Jun 13	12.46	Jun 24, 2003
ANNUAL RUNOFF (CFSM)	1.60		1.52		1.14	
ANNUAL RUNOFF (INCHES)	21.72		20.61		15.46	
10 PERCENT EXCEEDS	1,120		749		693	
50 PERCENT EXCEEDS	112		251		82	
90 PERCENT EXCEEDS	12		32		1.1	

02298830 MYAKKA RIVER NEAR SARASOTA, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--July 1993 to September 2005.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15-minute interval, mounted on top of gage house with the top of funnel 8 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2001 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	2.15	0.00	0.09	0.01
2	0.00	0.00	0.00	0.00	0.00	0.00	0.74	0.00	1.50	0.05	0.16	0.06
3	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.15	0.52	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.03	0.15	0.00	0.34	1.85	0.00	0.00	0.00
5	0.37	0.08	0.00	0.00	0.00	0.00	0.00	0.02	0.20	0.00	0.00	0.00
6	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	1.77	0.00	0.10	0.00
8	0.00	0.00	0.00	0.00	0.00	0.16	0.19	0.00	0.02	0.06	0.18	0.00
9	0.00	0.00	0.00	0.00	0.00	0.70	0.00	0.00	0.00	2.43	0.01	0.16
10	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.38	0.00	0.00
11	1.21	0.00	0.00	0.00	0.00	0.00	0.00	0.01	1.97	0.49	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.03	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.10	0.09	0.00
14	0.00	0.00	0.00	2.17	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
15	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.14	0.37	0.01	0.00	0.00
16	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00
17	0.00	0.00	0.08	0.00	0.00	2.94	0.00	0.04	0.00	0.12	0.00	0.00
18	0.00	0.00	0.06	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.27	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.00
20	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.43	0.00	0.00	0.01
21	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	2.51	0.00	0.36	0.19
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.04	0.02
23	0.00	0.02	0.04	0.00	0.00	0.24	0.02	0.00	0.04	0.00	0.27	0.07
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.18	0.10	0.00
25	0.00	1.10	1.77	0.00	0.29	0.00	0.00	0.00	0.00	0.08	0.00	0.00
26	0.00	0.00	1.00	0.00	0.00	0.00	0.12	0.65	0.00	0.66	0.00	0.12
27	0.00	0.06	0.00	0.00	3.11	0.00	1.14	0.00	0.01	0.00	0.29	0.02
28	0.00	0.42	0.00	0.00	0.00	0.05	0.00	0.00	0.18	0.00	0.01	0.31
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.73	0.08	0.00	0.35
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.41	0.04	0.01	0.00
31	0.00	---	0.00	0.00	---	0.00	---	1.48	---	0.00	0.00	---
TOTAL	1.66	1.69	2.95	2.25	3.43	4.32	2.51	3.33	16.37	5.47	2.02	1.32

WTR YR 2005 TOTAL 47.32

MYAKKA RIVER BASIN

02298955 MYAKKA RIVER AT SNOOK HAVEN CAMP NEAR VENICE, FL.

LOCATION.--Lat 27° 06'00", long 82° 20'01" (1927 North American datum), in SW$^{1}/_{4}$ sec.8, T.39 S., R.20 E., Sarasota County, Hydrologic Unit 03100102, on Snook Haven Fishing Camp dock, 6.2 mi east of intersection Venice Farm Road and U.S. Highway 41 at Venice, 6.3 mi northwest of North Port Charlotte, and 17.8 mi upstream from mouth.

DRAINAGE AREA.--283 mi^2.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--August 1983 to June 1987; January to September 2003 (gage heights only); October 2003 to current year (tidal high-high and low-low only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Interruptions in record were due to days in which tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low. The extremes for periods published previously as maximum and minimum gage heights are equivalent to tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 9.77 ft, June 26, 2003; minimum, 1.56 ft below NGVD, Dec. 15, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 4.97 ft, June 12; minimum, 1.56 ft below NGVD, Dec. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	2.53		1.40		1.48		-0.25		0.69		-0.48		0.63		0.04		1.00		-0.31		2.33		0.76	
2	2.45		1.51		1.36		-0.12		0.85		-0.36		1.45		-0.15		1.51		-0.36		---		0.82	
3	2.59		1.69		2.10		0.06		0.91		-0.43		---		-0.23		---		-0.45		2.07		0.73	
4	2.73		1.81		2.14		0.61		1.58		-0.12		1.65		-0.25		1.69		-0.47		2.16		0.83	
5	2.59		1.72		1.98		0.62		1.82		-0.10		1.91		-0.16		1.88		-0.15		2.38		0.86	
6	2.60		1.70		1.97		0.40		1.42		-0.75		2.02		-0.21		2.05		0.08		2.37		0.81	
7	2.57		1.71		1.95		0.18		0.86		-0.84		1.59		-0.65		2.19		-0.06		1.78		0.33	
8	2.42		1.51		2.01		-0.04		1.60		-0.52		1.23		-0.40		1.17		-0.56		1.46		0.05	
9	2.22		1.23		1.79		-0.36		1.71		-0.46		2.32		0.20		1.30		-0.23		1.25		0.16	
10	2.15		0.99		1.05		-0.64		1.92		-0.19		2.35		1.33		1.74		0.00		1.39		0.29	
11	2.23		0.96		1.74		-0.34		1.75		-0.58		0.84		-0.85		1.59		0.05		1.61		0.11	
12	2.50		0.88		1.94		-0.19		1.82		-0.43		1.25		-0.39		1.78		0.04		1.92		0.32	
13	2.30		0.68		2.32		-0.26		1.62		-0.31		1.40		-0.40		1.68		-0.11		1.86		0.32	
14	2.31		0.58		1.49		-0.82		2.03		0.32		1.56		-0.39		2.43		-0.13		1.86		-0.01	
15	2.23		0.21		1.54		-0.43		1.01		-0.80		1.58		-0.07		1.78		0.11		1.97		-0.16	
16	1.64		-0.02		1.73		-0.16		1.30		-0.20		1.87		-0.08		---		-0.16		1.42		0.01	
17	1.87		0.29		1.61		-0.21		1.59		-0.11		---		-0.24		1.62		-0.21		1.92		-0.18	
18	1.51		-0.04		1.77		0.40		0.74		-0.14		2.16		0.32		1.57		-0.60		1.64		-0.23	
19	1.65		0.15		2.00		0.57		1.83		-0.25		2.38		-0.20		1.37		-0.29		1.84		-0.11	
20	1.85		0.31		1.39		-0.32		1.77		-0.18		1.82		-0.48		2.20		0.12		1.61		-0.03	
21	1.83		0.36		1.64		-0.04		1.45		-0.39		1.93		-0.31		2.32		0.22		1.34		-0.26	
22	1.59		0.24		2.02		-0.14		1.54		-0.36		2.04		-0.34		2.21		0.23		1.25		-0.20	
23	1.81		0.52		2.20		0.00		2.02		-0.10		1.99		-0.36		1.69		0.07		0.86		-0.69	
24	1.93		0.29		2.44		0.07		2.43		0.15		1.88		-0.29		2.17		0.44		1.11		-0.32	
25	2.09		0.20		2.40		-0.06		2.16		0.07		1.87		0.04		2.44		0.60		1.73		-0.16	
26	2.10		0.06		2.37		-0.29		1.80		-0.19		1.68		0.41		2.00		0.84		1.60		-0.08	
27	2.35		0.11		2.46		-0.26		1.50		-0.24		1.63		-0.09		0.81		0.26		1.64		-0.22	
28	2.63		0.48		2.25		-0.22		1.50		-0.12		0.78		-0.75		1.72		0.15		1.11		-0.10	
29	2.40		-0.37		---		-1.18		1.59		0.22		1.40		-0.38		2.01		0.35		1.04		-0.33	
30	1.95		-0.31		0.51		-0.76		1.72		0.28		1.08		-0.12		---		---		1.40		-0.54	
31	1.29		-0.36		---		---		1.39		0.18		1.21		-0.52		---		---		0.70		-0.45	
MAX	2.73		1.81		---		0.62		2.43		0.32		---		1.33		---		0.84		---		0.86	
MIN	1.29		-0.37		---		-1.18		0.69		-0.84		---		-0.85		---		-0.60		---		-0.69	

MYAKKA RIVER BASIN—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	1.49		-0.34		1.20		-0.35		2.02		0.77		2.26		0.32		3.12		1.98		2.54		1.82	
2	1.24		-0.50		1.41		0.06		2.13		0.15		2.47		0.09		2.59		1.79		2.28		1.59	
3	1.35		-0.35		1.55		0.23		2.26		0.07		2.43		0.28		2.89		1.85		2.10		1.16	
4	1.42		-0.25		0.73		-0.32		2.30		0.06		2.23		0.31		3.12		2.22		1.78		1.06	
5	1.38		-0.13		1.03		-0.60		2.36		0.17		2.17		0.99		3.52		2.84		1.03		0.71	
6	1.38		-0.08		1.60		-0.43		2.29		0.24		1.93		0.50		3.71		3.41		4.83		---	
7	1.66		-0.10		1.76		-0.22		2.31		0.23		1.74		0.27		3.77		3.50		3.57		2.62	
8	1.88		-0.11		1.96		-0.19		2.08		0.31		1.56		0.27		3.86		3.59		2.99		2.67	
9	1.82		-0.17		2.01		-0.07		1.91		0.16		1.65		0.13		3.55		3.26		---		---	
10	1.44		-0.40		1.23		-0.04		1.72		0.46		1.59		0.06		3.39		---		4.23		4.18	
11	1.83		-0.50		1.70		-0.14		1.79		0.48		1.68		0.30		3.27		3.07		---		---	
12	1.53		-0.25		1.78		-0.05		1.78		0.30		1.51		-0.13		3.37		2.90		5.76		5.54	
13	1.46		0.49		1.40		0.16		1.87		0.44		1.87		0.03		3.33		2.75		5.59		5.51	
14	1.12		-1.24		1.52		0.08		2.06		0.42		1.75		0.96		3.65		3.01		5.46		5.43	
15	0.80		-0.89		1.35		0.08		2.37		---		1.76		-0.11		3.60		3.21		5.18		4.97	
16	0.93		-0.58		1.30		0.15		2.30		0.42		1.89		-0.11		3.85		3.40		4.73		4.69	
17	1.02		-0.41		1.52		-0.05		2.02		0.28		2.20		0.01		4.38		3.75		3.85		3.25	
18	0.78		-0.36		1.52		0.06		2.12		0.03		2.30		0.22		4.52		4.36		3.44		2.61	
19	1.02		-0.30		1.77		0.00		2.01		0.07		2.49		0.30		5.22		4.91		3.04		2.12	
20	0.96		-0.42		1.73		0.11		1.94		0.02		2.13		0.45		5.26		5.09		2.77		1.90	
21	1.47		-0.54		1.67		0.00		1.97		-0.03		1.83		0.67		5.25		5.09		2.32		1.61	
22	1.37		-0.25		1.87		-0.02		2.03		0.14		1.44		0.50		4.92		4.80		2.70		1.59	
23	1.02		-0.45		1.76		0.12		1.88		0.11		1.57		0.51		---		---		2.44		1.32	
24	1.05		-0.64		1.55		0.08		1.92		0.25		1.77		0.54		4.44		4.41		2.30		1.10	
25	1.19		-0.65		1.26		-0.02		1.62		0.32		1.96		0.79		4.09		4.04		1.94		1.26	
26	1.10		-0.59		1.22		-0.08		1.60		0.26		2.10		1.04		3.71		3.61		3.33		0.13	
27	0.69		-0.63		1.25		-0.03		1.81		0.35		2.36		1.18		3.50		3.07		3.15		1.97	
28	1.05		-0.96		1.37		0.08		1.80		0.16		2.53		---		3.09		2.83		2.59		1.55	
29	0.94		-0.61		1.45		0.14		2.31		---		2.74		1.60		2.91		2.46		2.52		1.66	
30	0.90		-0.53		1.69		0.24		2.31		0.43		2.84		1.72		2.87		2.24		2.86		2.10	
31	---		---		1.84		0.14		---		---		3.04		1.97		2.79		1.92		---		---	
MAX	1.88		0.49		2.01		0.24		2.37		---		3.04		---		---		---		---		---	
MIN	0.69		-1.24		0.73		-0.60		1.60		---		1.44		---		---		---		---		---	

02298955 MYAKKA RIVER AT SNOOK HAVEN CAMP NEAR VENICE, FL.---Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	3.33	2.56	2.56	0.38	1.86	-0.64	1.10	-0.66	1.83	0.02	1.01	-0.60												
2	3.48	2.66	2.44	0.22	1.49	-0.49	1.26	-0.56	1.68	0.08	1.22	-0.35												
3	3.35	2.62	1.97	-0.08	1.31	-0.79	1.26	-0.55	2.06	-0.22	1.24	-0.30												
4	3.37	2.47	---	0.06	1.43	-0.43	1.38	-0.38	1.23	-0.26	1.60	-0.34												
5	3.04	2.23	2.05	0.02	1.06	-0.52	1.58	-0.34	---	-0.65	1.38	-0.25												
6	2.82	2.16	1.32	-0.18	1.26	-0.05	---	-0.45	1.80	-0.45	---	-0.15												
7	2.43	1.94	1.45	0.29	1.54	-0.16	1.76	-0.40	2.49	-0.15	1.67	0.03												
8	2.40	1.77	1.86	0.34	1.72	-0.26	1.82	-0.49	2.55	0.09	2.20	0.46												
9	2.63	1.72	1.73	0.23	1.56	-0.51	1.81	-0.64	2.62	0.16	1.54	0.35												
10	2.69	1.75	1.61	0.10	1.99	-0.27	1.74	-0.63	2.47	0.15	1.55	0.17												
11	3.00	1.95	2.09	0.15	2.02	-0.67	2.06	-0.40	1.44	-0.63	1.98	0.47												
12	2.74	1.66	2.66	0.43	1.52	-1.01	2.25	-0.24	1.46	-0.32	1.58	0.17												
13	2.57	1.41	2.92	0.40	2.06	-0.97	2.12	0.19	2.10	0.24	1.63	0.34												
14	2.55	1.13	2.41	-0.14	2.07	-0.66	2.49	0.32	1.92	0.50	1.34	0.19												
15	2.78	1.42	1.54	-0.64	-0.09	-1.56	0.61	-0.53	1.62	0.20	1.34	-0.10												
16	2.59	0.63	2.17	-0.36	0.41	-1.19	0.58	-0.63	1.52	-0.25	2.07	-0.20												
17	2.65	0.42	1.60	-0.31	0.95	-0.81	0.88	-0.60	1.12	-0.23	1.60	0.14												
18	2.56	0.41	1.57	-0.18	0.89	-0.72	0.94	-0.63	---	-0.69	1.21	0.56												
19	2.60	0.53	1.95	0.20	0.49	-0.82	1.24	-0.45	1.44	-0.81	1.50	0.68												
20	2.35	0.32	1.97	0.49	0.81	-1.12	---	-0.24	---	-0.52	---	0.96												
21	1.56	0.14	2.10	0.53	0.88	-0.60	1.89	0.03	1.55	-0.36	2.16	1.28												
22	1.53	0.17	1.95	0.38	1.40	-0.69	1.99	-0.05	1.54	-0.54	2.44	1.64												
23	1.89	0.47	2.16	0.34	1.72	-0.32	2.12	-0.11	1.35	-0.70	2.61	1.82												
24	2.00	0.68	2.35	0.55	1.56	-0.78	0.76	-0.41	1.65	-0.31	2.48	1.72												
25	2.11	0.73	2.75	0.42	0.87	-1.00	1.71	-0.22	1.50	-0.36	2.33	1.61												
26	2.17	0.55	1.78	-0.44	2.39	---	2.10	0.02	1.33	-0.40	2.08	1.34												
27	2.20	0.44	1.91	-0.34	0.53	-1.46	2.05	-0.16	2.51	-0.24	2.43	1.30												
28	2.35	0.38	2.72	-0.26	0.66	-1.16	1.85	-0.12	1.60	0.08	2.09	1.26												
29	2.47	0.36	1.73	-0.54	1.14	-0.95	1.39	-0.18	---	---	1.89	0.95												
30	2.56	0.40	1.81	-0.50	1.20	-0.89	1.80	0.22	---	---	2.06	0.90												
31	2.67	0.32	---	---	1.36	-0.65	1.67	0.03	---	---	2.32	0.64												
MAX	3.48	2.66	---	0.55	2.39	---	---	0.32	---	0.50	---	1.82												
MIN	1.53	0.14	---	-0.64	-0.09	---	---	-0.66	---	-0.81	---	-0.60												
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	2.36	0.58	2.35	0.35	2.13	1.10	2.49	1.38	2.40	---	---	---												
2	1.48	0.69	1.46	0.21	2.45	1.33	2.40	1.27	2.45	1.33	---	---												
3	1.52	0.23	1.68	0.07	3.04	1.83	2.47	---	2.27	1.26	---	---												
4	---	0.19	2.04	0.49	2.69	1.56	2.41	1.19	2.05	1.10	---	---												
5	2.01	0.40	2.32	0.66	2.93	1.65	2.48	1.18	2.27	0.96	---	---												
6	2.36	0.71	2.05	0.75	2.75	2.12	2.48	---	1.97	0.90	---	---												
7	2.58	1.10	1.70	0.28	2.85	1.92	2.43	1.31	1.85	0.65	---	---												
8	2.35	0.85	2.30	0.28	3.32	2.39	2.79	1.23	2.25	0.63	---	---												
9	1.81	0.49	2.31	0.46	3.64	2.77	4.12	1.87	1.87	0.73	---	---												
10	1.88	0.30	2.32	0.38	---	3.04	4.92	3.96	1.86	0.40	---	---												
11	2.38	0.29	2.19	0.29	4.87	4.62	3.46	2.75	1.80	0.23	---	---												
12	2.53	0.58	2.33	0.31	4.97	4.60	2.84	2.40	2.03	0.23	---	---												
13	1.88	0.56	2.18	0.43	4.77	4.61	2.74	2.33	2.03	0.28	---	---												
14	1.75	0.28	1.85	0.36	4.68	4.51	2.80	2.21	2.06	0.32	---	---												
15	1.26	0.17	1.76	0.52	---	4.38	2.96	2.33	1.76	0.23	2.45	0.39												
16	1.51	-0.03	1.78	0.28	4.48	4.30	3.02	2.43	2.21	0.32	2.47	1.05												
17	1.49	-0.13	1.59	0.26	4.12	---	2.93	2.24	2.53	---	2.24	0.45												
18	1.76	0.02	1.63	0.28	3.73	---	3.01	2.55	2.60	---	2.07	0.48												
19	1.58	0.14	1.57	0.27	3.31	---	3.26	2.13	2.59	0.64	2.03	0.22												
20	2.03	0.36	1.89	0.56	3.27	2.65	3.17	2.19	---	---	1.24	-0.48												
21	2.08	0.48	2.06	0.89	3.35	2.67	2.98	2.05	---	---	2.86	-0.26												
22	1.84	0.38	2.06	0.41	3.33	2.63	3.01	1.87	2.23	0.70	3.02	0.64												
23	2.10	0.65	2.09	0.25	3.28	2.35	2.48	1.79	2.27	0.61	2.82	0.58												
24	1.79	0.32	2.13	0.27	2.66	2.08	2.47	1.41	2.33	0.46	2.64	0.39												
25	1.99	0.16	2.42	0.24	2.81	1.65	2.37	1.24	1.95	0.06	2.16	0.19												
26	2.88	0.23	2.34	0.42	2.56	1.55	2.16	1.21	---	---	1.82	0.07												
27	2.37	0.60	2.34	0.29	2.28	1.38	2.23	1.19	---	---	1.91	0.27												
28	1.85	0.26	2.04	0.25	2.22	1.18	2.11	1.24	---	---	2.31	0.59												
29	2.29	0.05	1.79	0.22	2.52	1.63	2.40	1.33	---	---	2.16	0.54												
30	2.50	0.33	1.91	0.14	3.09	2.08	2.30	1.25	---	---	2.06	0.81												
31	---	---	1.65	0.57	---	---	2.36	1.30	---	---	---	---												
MAX	---	1.10	2.42	0.89	---	---	4.92	---	---	---	---	---												
MIN	---	-0.13	1.46	0.07	---	---	2.11	---	---	---	---	---												

02298955 MYAKKA RIVER AT SNOOK HAVEN CAMP NEAR VENICE, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--January 2003 to September 2005.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located 1.0 ft below the surface and 1.0 ft above the bottom.

REMARKS.--Specific conductance and temperature records poor.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 10,800 microsiemens, June 5, 2004; bottom sensor maximum, 11,900 microsiemens, June 5, 2004; top sensor minimum, 79 microsiemens, Aug. 13, 2003; bottom sensor minimum, 84 microsiemens, Aug. 13, 2003.

TEMPERATURE.--Top sensor maximum, 33.1° C, May 12, 2003; bottom sensor maximum, 32.4° C, June 26, 2004, Aug. 16, 2005; top sensor minimum, 11.5° C, Jan. 25, 2003; bottom sensor minimum, 11.6° C, Jan. 25, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 503 microsiemens, Dec. 26; bottom sensor maximum, 504 microsiemens, Dec. 26; top sensor minimum, 115 microsiemens, Oct. 2, 3; bottom sensor minimum, 140 microsiemens, Oct. 3.

TEMPERATURE.--Top sensor maximum, 32.5° C, Aug. 7; bottom sensor maximum, 32.5° C, Aug. 7; top sensor minimum, 13.2° C, Jan. 25; bottom sensor minimum, 13.2° C, Jan. 25.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	164	158	221	210	289	268	298	290	350	318	294	285
2	161	157	223	212	292	268	298	290	345	318	286	278
3	161	156	239	214	297	267	303	292	340	316	279	275
4	160	156	238	210	304	273	300	293	349	318	280	274
5	161	157	229	207	307	277	301	295	343	319	291	278
6	165	161	229	209	298	275	301	294	348	319	289	284
7	168	160	233	210	295	274	304	295	349	320	293	288
8	169	163	234	211	308	286	305	297	336	327	298	292
9	173	167	236	213	310	289	313	297	348	331	298	294
10	178	171	250	225	318	293	305	297	352	330	299	294
11	182	174	256	220	318	290	310	305	348	329	300	295
12	185	177	262	224	317	289	311	302	355	336	301	293
13	188	178	259	235	320	293	318	302	354	336	299	292
14	189	180	263	235	331	294	321	304	358	338	296	290
15	193	181	269	244	316	291	323	308	347	332	296	289
16	192	185	269	244	328	286	327	308	349	334	298	287
17	192	181	268	240	340	278	328	308	346	334	295	286
18	197	183	267	243	344	298	328	304	352	335	294	287
19	198	187	271	245	368	254	332	303	346	335	299	287
20	198	186	249	240	323	233	320	305	387	333	304	289
21	199	188	267	244	253	226	340	310	361	330	301	291
22	199	189	271	251	281	253	338	310	350	333	300	292
23	203	192	275	248	282	271	338	313	351	336	306	293
24	207	191	281	251	288	276	341	316	355	334	303	297
25	210	199	285	253	296	283	341	316	336	319	310	298
26	215	200	282	250	296	292	342	317	325	312	305	298
27	216	202	287	252	299	289	334	317	315	277	321	304
28	224	206	285	254	298	293	330	318	280	275	323	308
29	212	202	---	---	297	291	353	326	294	277	331	314
30	225	211	280	263	296	290	351	320	---	---	341	315
31	222	213	---	---	293	289	337	318	---	---	337	321
MONTH	225	156	---	---	368	226	353	290	387	275	341	274

02298955 MYAKKA RIVER AT SNOOK HAVEN CAMP NEAR VENICE, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	336	322	417	379	6,000	715	474	300	240	235	131	124
2	338	326	459	390	7,160	796	453	381	241	216	133	130
3	348	332	489	391	8,110	828	456	336	220	201	140	132
4	352	337	442	397	9,040	1,090	390	290	202	172	144	137
5	354	339	455	406	10,800	1,510	290	185	172	152	146	143
6	359	341	525	410	10,400	1,970	274	138	153	143	152	142
7	359	346	607	422	9,140	2,210	303	178	145	141	143	133
8	360	350	787	437	7,300	2,430	344	226	143	140	135	131
9	365	354	862	447	6,550	1,860	373	282	142	139	140	134
10	371	356	604	450	6,440	2,840	388	332	140	137	141	130
11	371	357	578	451	6,730	3,360	420	364	151	139	130	120
12	370	352	569	446	7,030	2,900	438	417	149	144	121	112
13	369	353	585	447	7,430	2,330	439	420	152	148	114	107
14	383	345	539	446	6,210	1,780	434	420	152	149	110	107
15	377	287	515	446	4,780	1,460	442	430	152	143	112	109
16	379	359	504	448	2,640	828	446	433	145	140	112	108
17	379	362	507	449	1,270	575	448	426	144	139	118	110
18	381	364	502	450	881	520	431	420	140	130	126	117
19	384	366	518	451	736	500	433	412	130	113	133	119
20	386	369	527	454	653	492	424	330	113	108	128	122
21	392	372	545	457	612	479	351	281	109	107	132	125
22	396	375	647	462	592	476	289	254	109	107	140	130
23	396	380	675	467	560	480	291	259	110	107	145	136
24	400	385	623	470	552	484	315	291	109	107	146	136
25	406	391	639	472	531	495	317	304	110	107	147	137
26	416	395	674	476	536	503	306	281	113	107	160	143
27	413	396	710	480	553	496	281	260	121	111	154	144
28	421	397	885	482	510	475	275	246	126	114	148	140
29	420	391	1,180	522	515	475	247	225	123	118	143	135
30	403	377	2,500	588	488	295	232	227	128	121	135	129
31	---	---	4,200	710	---	---	236	231	129	125	---	---
MONTH	421	287	4,200	379	10,800	295	474	138	241	107	160	107

02298955 MYAKKA RIVER AT SNOOK HAVEN CAMP NEAR VENICE, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	171	166	225	216	293	272	313	300	356	325	300	295
2	168	163	227	217	297	274	315	302	352	326	295	286
3	166	162	243	219	300	272	318	303	346	325	286	283
4	166	162	243	214	308	277	319	305	354	324	287	280
5	166	163	235	211	310	281	320	306	351	326	294	286
6	171	166	232	213	300	280	320	306	353	326	299	292
7	174	169	238	215	298	279	321	307	354	327	301	295
8	178	172	238	216	311	290	323	311	340	334	305	298
9	182	176	238	217	314	294	320	308	353	336	304	299
10	187	180	255	230	322	297	317	310	356	337	304	299
11	192	183	259	227	322	296	326	317	352	336	307	301
12	195	186	264	228	320	294	325	315	359	342	306	300
13	197	188	263	241	324	298	328	313	358	342	306	298
14	198	189	266	240	338	301	330	313	365	346	305	297
15	202	190	271	247	321	297	331	316	355	339	304	297
16	202	192	278	249	333	294	337	317	353	342	304	295
17	199	188	270	243	346	285	338	317	352	341	300	291
18	204	190	268	247	351	304	336	313	353	343	302	293
19	204	193	273	249	376	263	341	312	352	344	301	294
20	204	192	253	244	336	240	329	314	376	340	302	297
21	203	193	268	249	261	233	350	318	355	336	301	296
22	206	195	272	254	289	260	346	319	351	339	303	297
23	207	197	277	251	290	278	345	322	354	342	308	298
24	213	197	283	254	296	282	350	325	356	340	305	294
25	214	203	287	257	303	291	350	325	342	324	308	295
26	216	206	286	255	305	299	350	326	333	316	302	296
27	222	208	290	257	310	298	338	325	319	283	320	301
28	229	211	288	259	310	301	342	326	291	284	319	305
29	217	207	273	255	310	300	361	337	301	284	330	313
30	230	215	283	268	308	299	359	328	---	---	331	315
31	227	219	---	---	308	299	342	326	---	---	331	320
MONTH	230	162	290	211	376	233	361	300	376	283	331	280
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	335	322	428	387	6,750	746	497	316	246	243	136	130
2	337	326	472	400	7,920	842	478	420	247	222	140	135
3	350	332	502	403	8,950	869	491	369	223	205	146	138
4	353	339	454	408	9,980	1,140	440	317	206	185	149	143
5	355	340	467	416	11,900	1,610	317	206	185	166	150	145
6	356	343	543	421	11,400	2,110	292	174	166	158	156	146
7	359	347	621	434	9,960	2,340	317	213	160	156	147	139
8	363	352	814	449	7,910	2,570	357	239	158	156	141	137
9	367	356	891	459	7,060	2,000	388	296	157	153	161	139
10	373	358	616	462	6,960	2,970	420	345	166	151	162	146
11	374	358	589	463	7,520	3,500	459	400	159	153	151	135
12	373	356	584	458	7,740	3,060	488	451	163	159	139	127
13	371	356	597	459	8,140	2,490	480	459	165	161	133	123
14	372	351	551	459	6,820	1,910	475	465	164	162	131	123
15	379	362	530	460	5,030	1,530	484	473	164	157	126	123
16	383	363	516	461	2,920	913	493	476	157	152	125	123
17	384	366	522	464	1,240	632	491	470	162	147	132	125
18	385	369	518	463	884	560	478	466	147	137	135	131
19	389	371	534	465	773	531	478	456	137	122	138	134
20	391	375	543	468	671	531	456	339	122	116	140	135
21	397	378	560	471	637	517	360	292	118	112	143	138
22	401	381	675	477	622	512	299	266	112	105	150	141
23	406	385	704	482	592	513	304	271	114	103	156	147
24	409	391	632	485	575	521	330	303	117	113	158	149
25	417	398	664	486	559	529	330	320	118	115	160	153
26	426	404	690	491	565	537	320	297	119	116	172	158
27	427	406	731	496	584	535	297	273	135	118	169	160
28	431	408	934	504	541	510	287	258	126	121	164	157
29	429	399	1,260	545	543	508	259	233	129	124	160	153
30	414	384	2,740	616	519	300	241	234	130	127	156	152
31	---	---	4,670	719	---	---	255	241	134	129	---	---
MONTH	431	322	4,670	387	11,900	300	497	174	247	103	172	123
YEAR	11,900	103										

02298955 MYAKKA RIVER AT SNOOK HAVEN CAMP NEAR VENICE, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	25.9	25.6	25.6	24.3	19.6	18.3	20.2	18.9	18.1	16.1	19.4	17.7
2	25.8	25.4	25.3	24.1	19.1	17.4	21.2	19.6	19.4	17.3	20.3	19.1
3	25.7	25.0	24.7	24.1	18.9	17.4	21.5	20.3	20.1	17.7	21.3	19.9
4	26.8	25.7	25.0	24.1	19.6	18.0	22.5	21.0	21.3	18.3	22.4	21.0
5	27.1	26.4	25.8	24.4	19.7	19.1	22.6	21.5	21.1	19.4	23.1	21.6
6	27.5	26.6	26.1	25.1	19.3	18.3	22.6	21.3	22.5	20.6	24.0	22.4
7	27.8	27.0	27.5	25.6	18.3	17.1	21.7	19.6	22.3	21.2	24.7	23.4
8	27.8	27.0	27.6	26.2	17.7	16.6	19.6	18.2	21.2	19.2	24.5	22.8
9	28.0	27.1	27.3	26.5	18.2	16.8	18.5	17.3	19.6	18.1	22.8	21.2
10	27.8	27.3	26.9	25.6	18.9	17.9	17.8	16.4	19.8	18.6	21.5	20.2
11	27.6	27.0	26.3	25.4	18.7	17.9	16.4	15.3	20.5	18.8	20.9	19.2
12	27.7	26.9	25.6	24.9	17.9	17.2	15.3	14.4	21.9	20.1	20.8	18.9
13	27.8	27.2	25.5	24.7	17.9	17.2	15.4	13.9	22.7	21.6	22.0	19.6
14	28.2	27.2	24.8	23.2	18.4	17.9	15.9	14.2	22.6	22.1	21.8	20.3
15	28.2	27.2	23.6	22.9	18.1	17.4	16.2	14.9	23.0	22.0	22.6	21.4
16	27.2	26.0	23.4	22.7	17.8	17.0	17.2	15.5	22.1	20.7	23.3	22.2
17	26.2	25.3	23.3	22.4	18.2	17.5	16.8	15.7	20.7	19.0	24.3	22.2
18	26.1	25.0	23.9	22.6	18.3	16.5	17.4	16.5	19.0	17.2	25.1	22.4
19	26.2	25.0	23.5	22.8	16.7	15.6	19.5	17.2	18.3	16.1	25.6	22.6
20	26.7	25.2	23.0	22.1	15.6	14.3	19.0	17.9	17.6	16.1	25.6	23.0
21	27.9	25.5	22.6	21.5	14.3	13.1	18.3	17.1	19.1	16.8	25.6	23.5
22	27.0	24.9	22.3	21.3	14.6	13.0	17.5	16.6	20.4	18.1	25.3	23.4
23	27.3	25.4	22.1	21.2	15.9	14.2	16.6	15.9	21.5	19.2	24.3	22.2
24	26.9	25.3	22.3	21.4	16.8	15.5	16.5	15.2	22.5	20.7	23.0	21.1
25	26.0	25.1	22.6	22.0	17.1	16.2	16.8	15.4	22.5	21.4	22.5	20.6
26	26.6	25.2	23.2	22.1	16.9	16.1	18.2	16.4	21.5	21.0	23.4	20.5
27	27.0	25.6	23.1	22.4	17.2	16.2	19.7	18.1	21.0	19.6	23.0	21.1
28	26.6	26.2	23.4	22.4	17.4	16.4	19.3	18.4	19.6	17.4	23.5	21.7
29	26.5	25.7	---	---	18.0	16.8	18.6	16.9	18.3	16.6	24.6	22.3
30	25.7	24.8	19.7	18.4	18.7	17.5	17.7	16.8	---	---	24.4	22.5
31	25.7	24.4	---	---	19.5	18.2	17.0	16.3	---	---	25.4	23.3
MONTH	28.2	24.4	---	---	19.7	13.0	22.6	13.9	23.0	16.1	25.6	17.7
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.9	23.5	28.2	26.4	32.0	30.2	30.0	27.4	28.9	28.4	29.3	28.3
2	24.4	22.3	28.5	27.1	32.1	30.2	29.9	28.7	28.5	27.9	29.7	28.6
3	23.9	22.2	27.8	26.7	31.8	30.2	29.9	28.5	28.6	27.8	29.4	28.6
4	23.4	21.9	27.6	25.8	31.1	30.0	30.3	28.4	28.4	28.0	29.1	28.0
5	23.4	21.7	27.5	25.5	30.9	29.5	29.9	27.5	28.4	27.7	28.0	26.1
6	23.4	21.2	27.5	25.4	31.0	29.5	30.6	29.0	29.1	28.2	26.3	25.7
7	23.4	21.8	27.8	25.8	30.3	29.2	30.4	28.7	29.2	28.8	27.6	26.3
8	24.0	22.3	27.7	25.7	30.2	28.6	30.0	28.0	29.0	28.7	28.1	27.4
9	24.8	23.1	27.4	26.0	30.4	28.0	31.0	29.1	29.3	28.5	28.2	27.7
10	26.7	23.9	26.9	25.9	30.4	28.4	31.9	30.0	29.4	28.6	28.4	27.6
11	25.8	24.4	26.7	25.5	30.3	29.0	32.4	30.6	29.9	29.0	28.8	27.9
12	25.3	23.9	27.0	25.6	30.6	29.3	31.8	29.8	29.6	29.0	28.7	28.0
13	24.3	23.3	27.6	25.9	30.8	29.6	31.6	29.9	29.3	27.7	28.5	28.1
14	23.3	21.7	28.0	26.3	30.4	29.0	32.9	29.9	27.9	27.2	28.3	27.8
15	23.3	20.5	28.1	26.4	30.0	28.6	32.2	30.4	28.3	27.2	27.9	27.5
16	23.5	20.8	28.1	26.8	29.7	28.3	31.3	30.4	28.4	27.5	28.2	27.5
17	23.6	21.5	28.3	26.7	30.1	28.1	30.4	29.6	28.7	28.0	28.8	27.8
18	24.0	21.8	28.5	26.8	30.5	28.7	30.2	29.1	29.2	28.3	29.0	28.3
19	24.3	22.5	28.3	27.0	31.0	29.1	29.7	29.1	29.1	28.5	29.0	28.4
20	25.1	22.8	28.6	26.9	31.4	29.7	29.1	27.1	29.1	28.5	28.4	27.3
21	25.1	23.5	28.8	27.0	31.7	30.1	28.0	26.9	29.6	28.9	27.3	26.2
22	25.6	23.6	29.0	27.3	32.1	30.3	29.0	27.2	29.0	28.5	26.7	25.8
23	26.1	24.3	29.3	27.4	32.4	30.6	30.1	28.2	28.5	28.0	27.0	26.1
24	26.8	24.6	29.5	27.6	32.3	30.9	31.1	29.4	29.0	28.2	27.2	26.3
25	26.5	25.4	30.3	27.5	32.2	30.3	30.6	29.7	29.2	28.5	27.3	26.5
26	27.4	25.4	30.5	28.2	32.4	30.7	30.0	29.0	29.2	28.7	26.6	25.7
27	26.9	26.0	30.8	28.6	32.0	29.9	29.2	28.3	29.0	28.6	26.7	25.3
28	27.0	24.6	31.0	28.8	30.2	28.8	28.8	28.0	29.2	28.3	27.5	26.2
29	26.7	25.5	31.3	29.2	30.0	28.4	28.5	27.5	29.6	28.7	27.9	27.0
30	27.8	25.2	31.8	29.6	29.2	27.0	29.3	28.1	29.9	29.1	28.0	27.3
31	---	---	32.0	30.1	---	---	29.3	28.7	30.2	29.3	---	---
MONTH	27.8	20.5	32.0	25.4	32.4	27.0	32.9	26.9	30.2	27.2	29.7	25.3

02298955 MYAKKA RIVER AT SNOOK HAVEN CAMP NEAR VENICE, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	25.9	25.6	25.6	24.3	19.4	18.3	20.2	18.9	17.9	16.1	19.4	17.7
2	25.8	25.4	25.3	24.1	18.9	17.6	21.0	19.6	18.5	17.3	20.3	19.0
3	25.7	25.0	24.7	24.1	18.9	17.5	21.4	20.3	19.2	17.7	21.3	19.9
4	26.8	25.7	25.0	24.1	19.6	18.0	22.0	21.0	20.1	18.3	22.4	21.0
5	27.1	26.4	25.6	24.4	19.6	19.1	22.3	21.5	21.1	19.4	23.1	21.5
6	27.5	26.6	26.1	25.1	19.3	18.4	22.2	21.3	22.4	20.6	23.9	22.4
7	27.8	27.0	26.8	25.6	18.4	17.2	21.7	19.6	22.3	21.2	24.7	23.4
8	27.8	27.0	27.4	26.2	17.5	16.6	19.6	18.2	21.2	19.2	24.5	22.8
9	28.0	27.1	27.2	26.5	18.1	16.8	18.5	17.3	19.4	18.1	22.8	21.2
10	27.8	27.3	26.6	25.6	18.9	17.9	17.8	16.5	19.8	18.6	21.5	20.2
11	27.6	27.0	26.0	25.4	18.7	17.9	16.5	15.3	20.3	18.8	20.8	19.1
12	27.7	26.9	25.6	24.9	17.9	17.2	15.3	14.4	21.7	20.1	20.4	18.9
13	27.8	27.2	25.5	24.7	17.9	17.2	15.3	13.9	22.6	21.6	21.2	19.6
14	28.2	27.2	24.8	23.2	18.4	17.9	15.9	14.2	22.6	22.1	21.6	20.3
15	28.2	27.2	23.6	22.9	18.1	17.4	16.1	14.9	22.8	22.0	22.3	21.4
16	27.2	26.0	23.4	22.7	17.8	17.0	16.8	15.5	22.1	20.7	23.0	22.2
17	26.2	25.3	23.2	22.4	18.2	17.5	16.8	15.7	20.7	19.0	24.1	22.2
18	26.1	25.0	23.9	22.6	17.6	16.5	17.4	16.5	19.0	17.2	24.0	22.4
19	26.2	25.0	23.5	22.8	16.7	15.6	18.8	17.2	18.0	16.1	24.3	22.6
20	26.6	25.2	23.0	22.1	15.6	14.3	18.8	17.9	17.4	16.1	24.7	23.0
21	26.9	25.5	22.5	21.5	14.3	13.1	18.2	17.0	18.8	16.8	25.3	23.5
22	26.5	24.9	22.2	21.2	14.6	13.0	17.5	16.6	20.1	18.1	24.8	23.5
23	26.9	25.4	22.1	21.2	15.9	14.2	16.6	15.9	21.4	19.2	23.5	22.2
24	26.3	25.3	22.3	21.4	16.8	15.5	16.5	15.2	22.5	20.7	22.4	21.1
25	25.9	25.1	22.5	22.0	17.1	16.2	16.8	15.4	22.5	21.4	21.9	20.5
26	26.4	25.2	23.2	22.1	16.9	16.1	18.2	16.4	21.4	21.0	22.3	20.5
27	27.0	25.6	23.1	22.4	17.2	16.2	19.7	18.1	21.0	19.6	22.4	21.1
28	26.6	26.2	23.4	22.4	17.4	16.4	19.3	18.4	19.6	17.4	23.4	21.7
29	26.5	25.7	22.7	19.8	18.0	16.8	18.4	16.9	18.3	16.6	24.1	22.3
30	25.7	24.8	19.8	18.4	18.7	17.5	17.7	16.8	---	---	24.2	22.5
31	25.6	24.4	---	---	19.5	18.2	17.0	16.3	---	---	25.0	23.3
MONTH	28.2	24.4	27.4	18.4	19.6	13.0	22.3	13.9	22.8	16.1	25.3	17.7
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.8	23.5	28.2	26.3	31.9	30.1	30.0	27.4	28.8	28.4	29.3	28.2
2	24.0	22.4	28.5	27.1	31.9	30.2	29.7	28.7	28.5	27.9	29.7	28.6
3	23.6	22.2	27.8	26.8	31.8	30.1	29.4	28.4	28.6	27.7	29.4	28.6
4	23.4	21.9	27.6	25.9	31.1	29.9	30.0	28.4	28.4	28.0	29.1	28.0
5	23.4	21.7	27.5	25.5	30.9	29.5	29.5	27.5	28.4	27.6	28.0	26.1
6	23.1	21.2	27.5	25.4	30.7	29.5	30.4	28.9	29.1	28.2	26.3	25.7
7	23.3	21.8	27.6	25.8	30.1	29.2	30.0	28.7	29.2	28.7	27.5	26.3
8	24.0	22.3	27.7	25.7	30.0	28.5	30.0	28.0	29.0	28.7	28.1	27.4
9	24.5	23.1	27.4	26.0	30.1	28.0	30.9	29.0	29.3	28.5	28.2	27.7
10	25.6	23.9	26.9	25.9	30.3	28.4	31.8	30.0	29.4	28.6	28.3	27.6
11	25.7	24.4	26.7	25.5	30.2	29.0	32.2	30.4	29.9	29.0	28.7	27.9
12	25.3	23.9	27.0	25.6	30.6	29.2	31.5	29.8	29.5	29.0	28.6	28.0
13	24.2	23.3	27.6	25.9	30.8	29.6	31.6	29.9	29.3	27.7	28.5	28.1
14	23.3	21.8	27.9	26.3	30.3	28.9	31.8	29.9	27.9	27.2	28.3	27.8
15	22.8	20.6	28.1	26.4	29.9	28.6	31.7	30.4	28.3	27.2	27.9	27.5
16	23.0	20.8	28.0	26.8	29.5	28.2	31.1	30.4	28.4	27.5	28.2	27.5
17	23.5	21.5	28.3	26.7	29.9	28.1	30.4	29.6	28.7	27.9	28.8	27.8
18	23.8	21.8	28.5	26.8	30.2	28.6	30.1	29.1	29.2	28.2	29.0	28.3
19	24.3	22.4	28.2	27.0	31.0	29.0	29.6	29.1	29.1	28.4	28.9	28.4
20	24.8	22.8	28.5	26.9	31.3	29.7	29.1	27.1	29.1	28.5	28.4	27.3
21	25.1	23.5	28.6	27.0	31.4	30.1	28.0	26.9	29.6	28.9	27.3	26.2
22	25.6	23.6	28.9	27.3	31.8	30.2	28.9	27.2	29.0	28.4	26.7	25.8
23	26.1	24.3	29.3	27.4	32.2	30.5	30.1	28.2	28.5	28.0	26.9	26.0
24	26.6	24.5	29.2	27.6	32.3	30.8	31.1	29.4	28.9	28.2	27.2	26.2
25	26.5	25.4	29.5	27.5	32.1	30.3	30.6	29.7	29.1	28.5	27.2	26.5
26	27.3	25.4	30.1	28.1	32.4	30.7	29.9	28.9	29.2	28.7	26.6	25.7
27	26.8	26.0	30.8	28.6	31.9	29.9	29.1	28.3	29.0	28.6	26.6	25.2
28	26.8	24.7	30.9	28.8	30.1	28.8	28.7	28.0	29.2	28.3	27.5	26.2
29	26.6	25.5	31.2	29.2	30.0	28.4	28.5	27.5	29.5	28.7	27.9	26.9
30	27.7	25.2	31.7	29.6	29.1	26.9	29.3	28.0	29.9	29.1	28.0	27.3
31	---	---	31.9	30.1	---	---	29.3	28.7	30.2	29.3	---	---
MONTH	27.7	20.6	31.9	25.4	32.4	26.9	32.2	26.9	30.2	27.2	29.7	25.2
YEAR	32.4	13.0										

02298955 MYAKKA RIVER AT SNOOK HAVEN CAMP NEAR VENICE, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	130	118	195	187	309	285	369	336	312	305	377	342
2	121	115	198	190	313	290	366	339	310	304	345	321
3	119	115	202	192	312	294	372	351	313	306	321	310
4	123	118	206	196	318	293	387	365	318	310	330	313
5	128	121	209	197	321	289	388	377	325	313	340	324
6	133	127	217	203	331	294	395	383	328	311	340	336
7	136	131	221	207	336	293	392	386	328	310	338	335
8	139	133	218	202	339	289	392	379	329	311	336	328
9	141	134	219	205	334	286	385	379	329	312	331	326
10	141	136	224	208	430	289	384	379	327	313	328	316
11	144	137	231	210	469	287	392	378	332	323	326	322
12	147	141	234	213	355	286	391	377	343	329	323	317
13	153	145	235	211	389	---	387	376	348	328	317	311
14	157	148	233	219	436	296	380	352	344	328	314	310
15	156	147	260	226	---	---	359	351	333	328	314	307
16	163	149	278	239	355	---	357	350	345	329	310	304
17	163	148	276	252	360	329	361	351	354	333	304	280
18	166	148	273	249	370	332	359	350	357	347	280	239
19	168	151	277	255	368	331	365	348	368	352	241	235
20	170	153	276	253	373	333	354	345	368	350	244	240
21	172	154	275	249	385	340	350	337	366	349	247	243
22	168	160	268	250	408	343	340	327	364	348	246	234
23	169	157	267	253	473	354	330	320	365	349	235	216
24	168	160	272	252	448	352	327	325	373	355	217	202
25	172	162	319	248	383	322	329	321	375	357	202	201
26	179	166	271	247	503	336	323	318	377	363	205	202
27	183	170	280	262	381	344	322	317	376	354	210	204
28	188	174	437	268	449	363	320	314	373	342	212	205
29	189	178	294	271	440	336	318	310	---	---	211	207
30	189	180	301	285	426	324	314	304	---	---	214	208
31	191	182	---	---	381	338	310	305	---	---	216	209
MONTH	191	115	437	187	---	---	395	304	377	304	377	201
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	217	209	306	271	---	---	---	---	160	153	---	---
2	215	209	302	273	---	---	---	---	155	145	---	---
3	219	211	322	283	---	---	---	---	149	142	---	---
4	222	214	330	295	---	---	---	---	147	140	---	---
5	221	214	341	292	---	---	---	---	147	140	---	---
6	224	213	306	294	---	---	---	---	147	139	---	---
7	225	216	333	301	---	---	191	185	149	140	---	---
8	230	218	359	303	---	---	189	184	152	143	---	---
9	235	224	338	293	---	---	187	155	152	142	---	---
10	241	227	---	---	---	---	155	148	155	148	---	---
11	248	234	---	---	---	---	156	149	159	152	---	---
12	238	230	---	---	---	---	156	153	161	155	---	---
13	233	229	---	---	---	---	155	153	162	158	---	---
14	244	232	---	---	---	---	157	154	165	158	263	243
15	250	235	---	---	---	---	157	154	167	162	264	244
16	268	245	---	---	---	---	157	151	169	165	264	247
17	267	252	---	---	---	---	160	155	171	168	271	253
18	259	251	---	---	---	---	162	157	174	171	273	257
19	271	247	---	---	---	---	163	157	179	172	275	259
20	263	250	---	---	---	---	162	159	---	---	266	260
21	266	255	---	---	---	---	165	161	---	---	278	262
22	282	263	---	---	---	---	169	162	187	181	304	272
23	287	265	---	---	---	---	168	152	186	180	299	275
24	279	267	---	---	---	---	165	158	188	183	305	272
25	300	274	---	---	---	---	169	162	---	186	299	276
26	298	273	---	---	---	---	171	161	199	---	296	283
27	281	264	---	---	---	---	176	167	---	---	304	287
28	309	265	---	---	---	---	175	170	---	---	316	288
29	315	276	---	---	---	---	175	169	---	---	321	291
30	320	271	---	---	---	---	172	166	---	---	322	275
31	---	---	---	---	---	---	170	158	---	---	---	---
MONTH	320	209	---	---	---	---	---	---	---	---	---	---

02298955 MYAKKA RIVER AT SNOOK HAVEN CAMP NEAR VENICE, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	153	143	203	196	313	290	376	346	324	317	375	358
2	143	141	206	199	317	294	375	347	322	315	361	335
3	143	140	209	201	316	298	379	358	325	319	335	322
4	149	143	215	206	318	297	394	373	331	322	331	321
5	154	146	220	207	321	292	394	386	336	324	348	330
6	158	152	226	212	333	297	400	389	340	322	349	345
7	161	156	226	216	338	296	401	395	340	322	350	346
8	163	158	226	211	341	293	400	389	340	323	348	341
9	164	160	226	213	336	290	395	387	340	324	342	335
10	168	162	231	216	431	294	395	387	338	325	336	328
11	169	160	238	218	466	291	401	387	342	335	332	328
12	169	151	242	222	356	290	399	385	352	338	329	322
13	162	154	242	225	386	297	396	385	356	338	322	316
14	168	157	242	228	433	304	389	359	347	338	320	316
15	164	157	265	235	339	307	365	359	343	338	319	313
16	170	156	283	249	353	323	363	355	352	341	317	310
17	167	155	281	259	360	331	357	352	363	346	311	285
18	169	156	279	258	372	337	356	348	367	360	285	246
19	173	159	283	262	371	334	357	349	377	363	247	242
20	175	162	283	261	375	332	361	346	377	360	249	245
21	179	165	281	258	382	336	360	349	377	361	252	248
22	180	171	274	258	409	344	350	341	374	361	250	242
23	180	168	273	261	473	359	341	333	376	363	243	225
24	179	171	279	261	447	357	338	335	384	368	225	212
25	183	173	316	256	386	337	338	331	386	372	214	212
26	190	177	275	256	504	340	335	327	389	377	218	214
27	194	181	287	270	386	341	334	330	387	369	220	218
28	199	185	419	276	444	361	331	325	385	359	222	219
29	199	186	298	278	443	381	329	322	---	---	222	219
30	197	188	306	291	436	344	325	317	---	---	224	219
31	198	191	---	---	388	349	322	318	---	---	229	220
MONTH	199	140	419	196	504	290	401	317	389	315	375	212
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	234	222	322	286	326	300	168	149	166	160	---	---
2	228	223	321	288	304	282	179	167	161	152	---	---
3	233	223	337	299	296	238	185	179	155	148	---	---
4	239	225	347	309	254	233	192	184	153	147	---	---
5	238	225	353	305	243	191	198	189	152	145	---	---
6	238	227	320	306	200	185	191	189	153	145	---	---
7	238	228	344	311	215	200	192	189	155	146	---	---
8	240	230	369	316	211	205	194	188	157	150	---	---
9	245	235	358	306	206	193	191	159	157	148	---	---
10	249	237	348	308	194	181	159	154	159	148	---	---
11	254	242	336	316	182	163	161	155	162	155	---	---
12	249	240	341	326	164	150	162	159	165	159	---	---
13	251	241	346	340	161	151	162	159	167	161	---	---
14	261	249	348	341	163	158	163	160	168	161	---	---
15	266	252	349	344	161	155	165	162	170	165	---	---
16	272	260	357	347	155	148	167	159	173	167	---	---
17	275	262	357	349	150	147	168	164	175	170	---	---
18	267	260	357	351	155	149	169	166	---	---	---	---
19	281	261	358	351	163	154	172	167	---	---	---	---
20	284	266	361	351	169	163	170	167	---	---	---	---
21	283	270	357	353	169	163	172	169	---	---	---	---
22	298	278	358	353	163	159	177	170	---	---	---	---
23	302	282	360	351	164	161	176	160	---	---	---	---
24	294	282	357	348	171	164	170	165	---	---	---	---
25	312	287	360	346	180	169	175	168	---	---	---	---
26	312	287	364	343	194	178	178	169	---	---	---	---
27	297	278	356	339	204	194	182	173	---	---	---	---
28	325	280	346	335	205	194	181	177	---	---	---	---
29	326	289	352	336	194	175	181	177	---	---	---	---
30	335	286	352	338	175	147	179	173	---	---	---	---
31	---	---	350	320	---	---	176	166	---	---	---	---
MONTH	335	222	369	286	326	147	198	149	---	---	---	---

02298955 MYAKKA RIVER AT SNOOK HAVEN CAMP NEAR VENICE, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	28.4	27.8	27.0	25.8	22.6	22.1	19.4	17.7	19.5	18.4	22.3	21.2
2	29.1	28.0	27.2	26.1	22.5	22.1	19.8	18.6	19.8	18.4	21.7	20.3
3	28.6	28.0	27.1	26.0	22.2	21.4	19.8	19.1	21.1	18.9	20.5	17.4
4	28.5	27.7	27.2	26.0	21.4	20.4	20.3	19.2	20.1	18.3	18.4	16.5
5	28.8	27.8	26.8	25.4	20.5	19.6	21.0	19.5	18.8	17.0	18.4	16.2
6	28.6	27.9	25.4	24.2	21.2	19.9	21.7	20.0	18.3	16.6	19.4	17.4
7	28.1	26.9	24.7	23.1	21.4	20.3	22.2	20.5	19.2	16.8	20.2	18.6
8	26.9	26.0	23.4	21.9	22.1	20.7	22.5	21.1	19.8	17.6	20.3	19.5
9	26.6	26.0	22.8	21.2	22.7	21.4	22.4	21.4	19.9	18.3	19.5	17.4
10	26.6	26.3	23.2	21.7	22.8	22.4	22.3	21.5	20.4	19.0	18.1	16.6
11	26.4	25.4	23.5	22.2	22.7	21.5	22.2	21.2	19.4	17.9	19.0	17.3
12	26.0	24.8	23.6	22.5	21.5	20.1	22.1	21.2	18.1	16.8	19.9	18.3
13	26.3	25.7	23.8	22.9	20.1	19.2	22.8	21.5	17.4	16.1	20.4	18.3
14	26.6	25.6	23.7	23.2	19.8	18.1	22.6	21.6	17.9	16.2	21.6	19.7
15	26.1	24.9	23.4	22.7	18.2	---	21.6	20.0	19.1	17.3	22.0	21.0
16	24.9	23.9	22.9	22.2	16.2	15.1	20.0	18.3	20.8	18.8	23.4	21.5
17	24.8	23.4	22.6	21.9	16.3	15.8	18.3	16.6	21.3	19.6	23.2	21.8
18	25.6	24.2	22.3	21.7	16.7	16.1	16.6	14.6	22.3	20.3	21.8	20.7
19	26.4	25.3	22.1	21.3	16.8	15.9	15.3	13.7	22.1	19.6	20.7	19.5
20	27.0	26.0	22.3	21.1	16.6	15.4	14.6	13.7	21.2	19.2	20.3	19.2
21	27.4	26.3	22.5	21.1	15.8	14.5	15.7	14.1	21.4	19.5	21.1	20.1
22	27.5	26.4	22.7	21.4	16.8	15.2	16.7	15.2	22.3	20.5	22.6	21.1
23	27.3	26.1	22.8	22.0	17.4	16.6	17.3	16.2	23.1	21.5	22.9	22.2
24	27.3	25.4	23.4	22.4	17.6	17.2	16.2	14.3	23.2	22.1	22.4	21.9
25	27.2	25.2	24.2	23.2	17.2	16.4	14.5	13.2	23.0	22.4	23.8	22.3
26	26.8	25.5	23.2	22.1	16.5	15.5	15.6	13.7	23.2	22.2	25.1	23.8
27	27.0	25.6	22.4	21.5	15.6	14.4	17.0	15.2	22.8	22.2	25.7	24.8
28	26.2	25.2	22.8	21.9	16.0	14.6	18.0	16.8	23.0	21.9	25.4	24.1
29	26.0	25.0	22.7	21.5	16.3	15.2	18.7	17.4	---	---	24.1	23.0
30	26.3	25.1	22.4	21.5	16.8	15.5	19.4	18.4	---	---	23.3	22.1
31	26.7	25.3	---	---	17.9	16.4	19.7	18.7	---	---	24.9	22.8
MONTH	29.1	23.4	27.2	21.1	22.8	---	22.8	13.2	23.2	16.1	25.7	16.2
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.9	24.2	26.1	25.4	29.8	27.9	29.6	28.2	30.6	29.6	---	---
2	25.7	24.3	28.1	25.4	28.0	26.2	29.7	29.1	30.0	29.5	---	---
3	24.3	22.5	27.2	25.8	26.3	25.6	30.8	29.0	30.5	29.4	---	---
4	23.4	21.1	26.7	25.2	27.0	25.8	31.4	30.2	31.0	29.6	---	---
5	24.5	21.5	25.5	24.7	26.8	25.8	31.8	30.6	30.8	29.5	---	---
6	25.3	23.0	26.0	24.5	27.8	26.3	31.9	---	30.6	29.0	---	---
7	24.5	23.8	26.0	23.8	28.6	27.8	31.8	30.7	31.0	29.7	---	---
8	25.2	23.7	26.2	24.5	28.7	27.8	32.2	30.8	30.1	29.3	---	---
9	25.6	23.5	26.8	25.0	28.9	28.2	31.0	27.0	29.8	29.0	---	---
10	25.7	23.6	27.1	25.3	28.2	26.7	27.3	26.6	30.9	28.3	---	---
11	25.7	23.8	27.7	26.0	27.3	26.2	28.8	27.2	31.0	29.6	---	---
12	26.5	24.6	27.9	26.3	28.0	27.2	29.3	28.5	31.7	30.0	---	---
13	26.2	25.3	28.6	26.6	28.7	27.5	29.7	29.1	31.8	30.0	---	---
14	25.7	24.4	27.9	26.4	29.5	28.3	29.2	28.6	32.0	30.7	---	---
15	25.0	23.5	28.3	26.3	29.8	28.9	29.5	28.7	31.9	30.1	30.0	29.0
16	24.4	22.1	29.0	26.8	29.9	29.1	29.8	28.7	32.4	30.7	29.9	28.6
17	24.5	21.0	29.7	27.2	30.1	29.4	30.3	29.3	32.5	30.8	30.4	28.9
18	25.2	21.4	30.0	27.5	30.5	29.8	30.4	29.5	32.4	---	30.5	29.1
19	25.0	22.1	29.9	27.9	30.4	29.7	30.2	29.7	32.2	30.7	31.1	29.4
20	24.7	22.8	30.1	27.8	30.1	28.8	30.0	29.3	---	---	30.3	29.1
21	25.7	22.8	29.9	27.4	28.8	28.0	30.7	29.5	---	---	29.1	28.5
22	25.6	23.2	29.6	27.8	28.0	27.1	30.8	29.9	32.2	31.0	28.5	28.0
23	25.4	23.9	30.3	28.4	27.1	26.6	30.8	29.5	31.3	30.4	28.2	27.7
24	25.7	24.0	29.8	28.4	27.3	26.4	30.9	30.1	31.6	30.3	28.7	27.8
25	25.3	23.0	29.6	28.4	27.4	26.6	30.4	29.7	31.3	30.6	29.0	27.9
26	24.5	22.8	29.2	28.3	28.9	27.1	30.4	30.0	30.6	29.5	29.5	28.1
27	25.5	23.3	30.2	28.0	28.7	28.0	30.9	29.7	---	---	30.0	28.2
28	26.6	23.7	30.1	28.1	29.1	27.8	30.7	30.2	---	---	29.2	28.2
29	26.5	24.1	30.2	28.3	28.6	27.9	31.2	30.1	---	---	29.0	28.0
30	26.5	25.1	30.8	29.0	28.3	27.0	30.8	30.0	---	---	29.0	27.9
31	---	---	30.4	29.1	---	---	30.6	29.5	---	---	---	---
MONTH	26.6	21.0	30.8	23.8	30.5	25.6	32.2	---	---	---	---	---

02298955 MYAKKA RIVER AT SNOOK HAVEN CAMP NEAR VENICE, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	28.3	27.7	26.9	25.8	22.5	22.0	19.4	17.7	19.3	18.4	22.2	21.2
2	29.0	28.0	27.1	26.1	22.4	22.0	19.8	18.5	19.7	18.4	21.6	20.3
3	28.5	27.9	27.0	25.9	22.2	21.4	19.8	19.1	20.0	18.9	20.5	17.4
4	28.4	27.6	27.2	25.9	21.4	20.4	20.1	19.2	20.0	18.3	18.1	16.5
5	28.8	27.8	26.8	25.4	20.4	19.6	20.6	19.5	18.3	17.1	18.4	16.2
6	28.6	27.8	25.4	24.2	20.9	19.9	21.2	19.9	17.9	16.6	19.3	17.4
7	28.1	26.9	24.3	23.1	21.3	20.3	21.7	20.5	18.5	16.8	20.2	18.5
8	26.9	26.0	23.2	21.9	22.0	20.7	22.3	21.1	19.3	17.6	20.2	19.4
9	26.6	25.9	22.7	21.2	22.7	21.3	22.2	21.4	19.9	18.3	19.4	17.4
10	26.6	26.2	22.9	21.6	22.8	22.3	22.2	21.4	20.4	19.0	18.0	16.6
11	26.3	25.3	23.2	22.1	22.6	21.5	22.1	21.2	19.3	17.9	18.9	17.2
12	26.0	24.7	23.5	22.5	21.5	20.1	22.0	21.1	18.0	16.8	19.8	18.2
13	26.3	25.6	23.8	22.8	20.1	19.2	22.7	21.5	17.4	16.1	20.3	18.2
14	26.6	25.5	23.6	23.1	19.8	18.2	22.5	21.6	17.8	16.2	21.6	19.7
15	26.0	24.9	23.4	22.6	18.2	15.9	21.6	20.0	19.0	17.3	22.0	21.0
16	24.9	23.9	22.9	22.2	16.2	15.1	20.0	18.3	19.9	18.7	23.3	21.5
17	24.8	23.4	22.5	21.9	16.3	15.8	18.3	16.6	20.9	19.6	23.2	21.8
18	25.6	24.1	22.3	21.6	16.7	16.0	16.6	14.7	21.6	20.3	21.8	20.6
19	26.4	25.2	22.1	21.3	16.8	15.9	15.3	13.7	21.5	19.5	20.6	19.5
20	26.9	25.9	22.2	21.0	16.6	15.5	14.6	13.6	21.0	19.2	20.2	19.1
21	27.4	26.3	22.5	21.1	15.8	14.5	15.6	14.1	21.4	19.5	21.1	20.1
22	27.5	26.4	22.7	21.4	16.8	15.1	16.7	15.2	22.1	20.5	22.6	21.1
23	27.3	26.1	22.8	22.0	17.4	16.6	17.3	16.1	23.1	21.5	22.8	22.2
24	26.8	25.4	23.4	22.4	17.6	17.1	16.1	14.3	23.1	22.1	22.4	21.8
25	26.6	25.2	24.1	23.2	17.1	16.4	14.5	13.2	23.0	22.4	23.8	22.3
26	26.4	25.5	23.2	22.1	16.5	15.6	15.5	13.6	23.1	22.2	25.0	23.8
27	26.2	25.6	22.4	21.5	15.6	14.5	17.0	15.2	22.8	22.2	25.6	24.8
28	25.8	25.2	22.8	21.9	15.8	14.6	17.9	16.7	23.0	21.9	25.3	24.1
29	25.8	25.0	22.5	21.4	16.3	15.2	18.6	17.4	---	---	24.1	22.9
30	26.2	25.0	22.4	21.4	16.7	15.5	19.4	18.3	---	---	23.3	22.1
31	26.6	25.3	---	---	17.8	16.4	19.6	18.7	---	---	24.8	22.8
MONTH	29.0	23.4	27.2	21.0	22.8	14.5	22.7	13.2	23.1	16.1	25.6	16.2
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.9	24.2	26.1	25.3	29.8	27.9	29.6	28.2	30.6	29.6	---	---
2	25.7	24.3	27.4	25.3	27.9	26.2	29.7	29.1	30.1	29.5	---	---
3	24.3	22.5	27.0	25.8	26.3	25.6	30.8	29.0	30.5	29.4	---	---
4	23.2	21.1	26.7	25.2	26.8	25.8	31.4	30.1	31.1	29.6	---	---
5	24.4	21.5	25.4	24.6	26.7	25.7	31.8	30.6	30.8	29.5	---	---
6	25.2	23.0	25.9	24.4	27.8	26.3	31.8	---	30.6	29.0	---	---
7	24.4	23.7	25.7	23.8	28.6	27.7	31.7	30.7	31.0	29.7	---	---
8	25.0	23.6	26.1	24.5	28.6	27.8	32.2	30.9	30.1	29.3	---	---
9	24.9	23.4	26.7	24.9	28.9	28.2	31.0	27.1	29.8	29.0	---	---
10	25.3	23.5	27.0	25.4	28.2	26.6	27.3	26.6	30.9	28.4	---	---
11	25.3	23.8	27.1	26.0	27.3	26.1	28.8	27.3	31.0	29.7	---	---
12	25.8	24.6	27.6	26.2	27.9	27.2	29.3	28.5	31.7	30.0	---	---
13	26.0	25.3	27.6	26.6	28.6	27.5	29.7	29.1	31.8	30.0	---	---
14	25.5	24.3	27.5	26.5	29.4	28.3	29.2	28.6	32.0	30.7	---	---
15	24.9	23.5	28.2	26.4	29.7	28.8	29.5	28.7	31.9	30.1	30.0	29.0
16	23.7	22.1	28.9	26.8	29.9	29.0	29.9	28.7	32.4	30.7	29.9	28.7
17	22.8	21.1	29.6	27.2	30.0	29.4	30.3	29.3	32.5	30.8	30.2	28.9
18	23.7	21.4	30.0	27.6	30.4	29.7	30.4	29.5	---	---	30.5	29.2
19	24.4	22.1	29.9	27.9	30.4	29.6	30.2	29.7	---	---	31.1	29.4
20	24.5	22.8	29.7	27.8	30.0	28.8	30.0	29.3	---	---	30.3	29.1
21	25.1	22.7	29.8	27.4	28.8	28.0	30.7	29.6	---	---	29.1	28.5
22	25.2	23.2	29.6	27.8	28.0	27.0	30.8	30.0	---	---	28.5	28.0
23	25.3	23.8	30.3	28.4	27.0	26.5	30.8	29.5	---	---	28.2	27.7
24	25.4	23.9	29.8	28.4	27.3	26.4	30.9	30.1	---	---	28.7	27.9
25	24.8	23.0	29.5	28.4	27.4	26.6	30.4	29.7	---	---	29.0	28.0
26	24.5	22.7	29.0	28.3	28.8	27.1	30.4	30.0	---	---	29.3	28.1
27	25.1	23.3	29.5	28.0	28.7	27.9	30.9	29.7	---	---	29.7	28.2
28	25.6	23.6	29.7	28.1	29.0	27.8	30.8	30.3	---	---	29.2	28.2
29	25.9	24.0	30.2	28.3	28.5	27.8	31.2	30.1	---	---	28.9	28.0
30	26.4	25.1	30.6	29.0	28.3	26.9	30.8	30.0	---	---	29.0	27.9
31	---	---	30.4	29.0	---	---	30.6	29.5	---	---	---	---
MONTH	26.4	21.1	30.6	23.8	30.4	25.6	32.2	---	---	---	---	---

02299230 MYAKKA RIVER AT NORTH PORT CHARLOTTE, FL

LOCATION.--Lat 27° 02'41", long 82° 17'36" (1927 North American datum), in NE$^{1}/_{4}$ sec.34, T.39 S., R.20 E., Sarasota County, Hydrologic Unit 03100102, on upstream side of U.S. Highway 41 bridge over Myakka River, 2.5 mi west of North Port Charlotte, and 11.4 mi upstream from mouth.

DRAINAGE AREA.--358 mi^2.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--March to September 2003 (gage heights only); October 2003 to September 2005 (tidal high-high and low-low only) discontinued.

GAGE.--Water-stage recorder. Datum of gage is North American Vertical Datum of 1988.

REMARKS.--Interruptions in record were due to days in which tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low. The extremes for periods published previously as maximum and minimum gage heights are equivalent to tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 3.61 ft, Sept. 6, 2004; minimum, 3.02 ft below NAVD, Dec. 15, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.17 ft, July 10; minimum, 3.02 ft below NAVD, Dec. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	1.06	-1.10	0.48	-1.54	-0.25	-1.53	0.50	-1.33	0.16	-1.52	0.87	-1.40
2	0.65	-1.06	0.43	-1.33	-0.65	-1.61	0.51	-1.51	0.40	-1.79	0.24	-1.43
3	0.79	-0.88	1.31	-0.92	0.16	-1.66	0.20	-1.53	-0.18	-1.85	0.58	-1.54
4	1.34	-0.81	1.27	-0.63	0.62	-1.19	0.82	-1.42	0.51	-1.84	0.79	-1.20
5	1.22	-0.94	1.05	-0.53	1.03	-1.13	1.04	-1.36	0.80	-1.38	1.12	-1.10
6	1.38	-0.66	1.03	-0.77	0.52	-1.99	1.01	-1.53	0.97	-1.17	1.16	-0.96
7	1.53	-0.37	1.02	-0.93	-0.34	-2.13	---	-2.26	1.11	-1.54	0.64	-1.36
8	1.26	-0.51	1.12	-1.17	0.46	-1.71	-0.12	-1.85	-0.43	-2.21	0.30	-1.58
9	1.06	-0.65	0.91	-1.51	0.70	-1.52	1.19	-1.16	-0.02	-1.86	0.09	-1.73
10	1.05	-0.78	0.10	-1.83	1.13	-1.06	1.29	-1.65	0.37	-1.34	0.07	-1.25
11	1.12	-0.66	0.73	-1.48	1.00	-1.62	-0.50	-2.16	0.41	-1.35	0.33	-1.77
12	1.39	-0.73	0.94	-1.26	0.79	-1.51	-0.05	-1.63	0.61	-1.43	0.73	-1.60
13	1.23	-0.92	1.31	-1.29	0.63	-1.27	0.23	-1.46	0.51	-1.56	0.71	-1.55
14	1.27	-0.85	0.60	-1.52	1.23	-0.65	0.47	-1.31	1.34	-1.51	0.82	-1.74
15	1.15	-1.21	0.76	-1.18	-0.01	-1.63	0.57	-1.07	0.54	-1.39	1.07	-1.64
16	0.45	-1.18	0.69	-1.06	0.71	-1.19	0.82	-1.37	0.14	-1.98	0.66	-1.28
17	0.83	-1.01	0.49	-1.19	0.44	-1.49	---	-1.43	---	-2.12	1.06	-1.41
18	---	-1.29	1.11	-0.53	-0.36	-1.62	1.35	-0.85	-0.10	-2.50	0.62	-1.48
19	0.51	-1.21	1.38	-0.40	0.68	-1.51	1.49	-1.33	-0.23	-2.10	0.86	-1.33
20	0.91	-1.03	-0.19	-1.45	0.46	-1.71	0.83	-1.91	0.80	-1.49	0.60	-1.11
21	0.97	-0.97	0.66	-1.26	0.13	-2.10	0.71	-1.76	1.04	-1.34	0.43	-1.23
22	0.63	-0.93	0.99	-1.44	0.37	-2.00	0.80	-1.81	0.87	-1.19	0.42	-1.17
23	1.01	-0.71	1.22	-1.25	1.05	-1.58	0.68	-1.88	0.51	-1.30	-0.07	-1.85
24	1.03	-0.99	1.53	-1.08	1.48	-1.39	0.49	-1.63	1.09	-0.95	0.07	-1.81
25	1.02	-1.14	1.59	-1.29	1.09	-1.57	0.65	-1.14	1.27	-0.85	0.74	-1.74
26	1.10	-1.15	1.46	-1.35	0.68	-1.79	0.77	-0.73	0.73	-0.76	0.61	-1.58
27	1.53	-1.02	1.51	-1.23	0.34	-1.61	0.73	-1.04	-0.84	-1.49	0.72	-1.67
28	1.95	-0.61	1.31	-1.18	0.35	-1.32	-0.55	-1.85	0.08	-2.21	0.29	-1.44
29	---	-1.51	---	-2.61	0.54	-1.03	0.30	-1.97	0.48	-1.95	0.35	-1.57
30	0.89	-1.53	-0.33	-1.72	0.73	-0.78	-0.14	-1.45	---	---	0.30	-1.75
31	0.23	-1.62	---	---	0.39	-0.97	0.05	-1.98	---	---	0.18	-1.36
MAX	---	-0.37	---	-0.40	1.48	-0.65	---	-0.73	---	-0.76	1.16	-0.96
MIN	---	-1.62	---	-2.61	-0.65	-2.13	---	-2.26	---	-2.50	-0.07	-1.85

02299230 MYAKKA RIVER AT NORTH PORT CHARLOTTE, FL—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	0.83	-1.14	0.67	-1.14	1.28	-1.19	1.35	---	1.79	-0.72	0.92	-0.81
2	0.35	-1.53	1.10	-0.76	1.33	-0.23	1.41	-1.45	1.17	-0.73	0.60	-0.94
3	0.51	-1.37	1.03	-1.35	1.37	-1.28	1.40	-1.46	1.38	-0.83	0.48	-1.15
4	0.57	-1.25	0.29	-1.18	1.38	-1.40	1.32	-1.33	1.13	-0.61	0.32	-0.75
5	0.51	-1.09	0.58	-1.79	1.46	-1.30	1.10	-1.28	0.98	-0.40	-0.39	-1.96
6	0.73	-1.33	1.05	-1.73	1.27	-1.19	0.87	-1.28	1.04	-0.26	3.61	0.98
7	1.06	-1.25	1.09	-1.54	1.18	-1.27	0.63	-1.29	1.09	-0.32	1.76	-0.22
8	1.38	-1.17	1.24	-1.53	0.86	-1.22	0.47	-1.08	1.24	-0.50	0.96	-0.57
9	1.28	-1.23	1.25	-1.37	0.69	-1.30	0.60	-0.89	0.80	-0.86	1.20	-0.22
10	0.83	-1.34	0.77	-1.35	0.64	-0.94	0.60	-1.13	0.68	-0.93	1.02	-0.31
11	1.15	-1.58	0.73	-1.37	0.76	-0.72	0.76	-1.07	1.12	-0.79	1.31	-0.11
12	0.78	-1.20	0.82	-1.28	0.76	-0.88	0.54	-1.47	1.57	-0.62	1.65	0.13
13	0.76	-0.37	0.63	-1.03	0.84	-0.98	0.94	-1.32	1.26	0.20	1.52	0.19
14	---	-2.20	0.54	-1.06	1.02	-1.05	0.85	-1.45	1.76	0.17	1.73	0.26
15	-0.27	-2.19	0.57	-1.09	1.12	-1.17	0.89	-1.50	1.34	-0.40	2.73	1.46
16	-0.18	-1.78	0.45	-1.33	1.05	---	0.97	---	1.29	-0.40	1.87	0.74
17	-0.04	-1.56	0.64	-1.26	1.00	-1.42	1.23	-1.41	1.26	-0.24	1.18	-0.20
18	0.13	-1.53	0.72	-0.74	1.04	-1.48	1.28	-1.26	1.20	-0.03	1.25	-0.71
19	0.42	-1.15	0.88	-1.37	1.06	-1.46	1.45	-1.11	1.44	0.12	0.94	-1.05
20	0.45	-1.56	0.88	-1.24	1.01	-1.40	1.02	-1.06	1.14	0.21	0.90	-1.30
21	0.94	-1.53	0.83	-1.41	1.04	-1.42	0.78	-1.14	1.22	0.06	0.32	-1.53
22	0.90	-1.33	1.03	-1.37	0.99	-1.28	0.46	-1.20	1.30	-0.02	1.24	-1.02
23	0.58	-1.45	0.91	-1.14	0.83	-1.38	0.55	-1.06	1.43	-0.11	1.09	-1.13
24	0.59	-1.60	0.64	-1.27	0.75	-1.16	0.78	-0.90	1.32	-0.38	1.12	-1.12
25	0.67	-1.42	0.25	-1.38	0.50	-1.10	0.92	-0.94	1.29	-0.53	0.93	-0.43
26	0.66	-1.41	0.27	-1.41	0.55	-1.01	0.99	-1.17	1.45	-0.64	2.46	-1.91
27	0.26	-1.34	0.30	-1.34	0.78	-1.25	1.08	-1.18	1.52	-0.68	2.01	0.04
28	0.38	-1.90	0.50	-1.23	0.78	-1.26	1.10	-1.17	1.43	-0.73	1.20	-0.53
29	0.26	-1.47	0.53	-1.01	1.09	-1.42	1.43	-1.07	1.41	-0.22	0.98	-0.72
30	0.54	-1.40	0.92	-0.93	1.20	-1.42	1.70	---	1.46	-0.73	1.10	-0.76
31	---	---	1.10	-1.13	---	---	1.76	-0.75	1.19	-0.68	---	---
MAX	---	-0.37	1.25	-0.74	1.46	---	1.76	---	1.79	0.21	3.61	1.46
MIN	---	-2.20	0.25	-1.79	0.50	---	0.46	---	0.68	-0.93	-0.39	-1.96

02299230 MYAKKA RIVER AT NORTH PORT CHARLOTTE, FL---Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	1.38	-0.58	1.38	-0.80	0.82	-1.64	0.28	-1.54	---	---	---	---
2	1.26	-0.77	1.28	-0.82	0.44	-1.60	0.40	-1.31	---	---	---	---
3	0.96	-0.84	0.71	-1.12	0.13	-1.85	0.42	-1.40	---	---	---	---
4	1.08	-0.76	---	-0.97	0.19	-1.67	0.54	-1.44	---	---	---	---
5	0.68	-0.87	1.00	-1.45	0.23	-1.63	0.75	-1.52	---	---	---	---
6	0.64	-0.88	-0.03	-1.64	0.20	-1.12	0.91	-1.65	---	---	---	---
7	0.42	-1.12	0.21	-1.20	0.55	-1.26	0.14	-1.66	---	---	---	---
8	0.81	-0.79	0.48	-1.17	0.78	-1.38	0.95	-1.79	---	---	---	---
9	1.32	-0.56	0.39	-1.22	0.68	-1.57	0.92	-1.95	---	---	---	---
10	1.46	-0.41	0.33	-1.39	1.31	-1.28	0.84	-1.91	---	---	0.16	-1.86
11	1.61	-0.20	0.87	-1.27	1.26	-1.75	1.15	-1.58	---	---	0.79	-1.02
12	1.24	-0.44	1.58	-0.92	0.46	-2.24	1.37	-1.35	---	---	0.34	-1.41
13	1.18	-0.56	1.92	-0.94	0.86	-2.06	1.29	-0.74	---	---	0.69	-1.39
14	1.13	-0.92	1.28	-1.51	1.02	-2.09	1.56	-1.09	---	---	0.49	-1.31
15	1.48	-0.48	0.26	-1.90	-1.33	-3.02	-0.48	-1.95	---	---	0.53	-1.70
16	1.13	-1.24	0.85	-1.68	-0.42	-2.30	-0.74	-1.88	---	---	1.29	-1.52
17	1.19	-1.26	0.34	-1.60	0.00	-1.84	-0.42	-2.16	---	---	0.65	-1.15
18	1.28	-1.21	0.70	-1.42	0.05	-1.63	-0.22	-2.35	---	---	-0.39	-1.40
19	1.45	-1.10	0.82	-1.13	0.07	-1.73	0.17	-2.23	---	---	-0.17	-1.74
20	1.25	-1.29	0.90	-0.84	---	-1.86	---	-1.86	---	---	0.20	-1.60
21	0.53	-1.48	0.93	-0.78	-0.26	-1.87	---	---	---	---	0.70	-1.17
22	0.50	-1.40	0.82	-0.93	0.49	-1.68	---	---	---	---	1.00	-0.76
23	0.84	-1.08	1.13	-0.86	1.01	-1.22	---	---	---	---	1.15	-0.88
24	0.97	-0.84	1.46	-0.46	0.89	-1.75	---	---	---	---	0.74	-0.99
25	0.91	-0.80	2.01	-0.60	0.13	-2.03	---	---	---	---	0.78	-0.95
26	0.96	-1.02	0.66	-1.78	1.79	-1.92	---	---	---	---	0.83	-0.81
27	0.94	-1.15	0.79	-1.47	-0.68	-2.68	---	---	---	---	1.40	-0.93
28	1.02	-1.18	1.87	-1.44	-0.52	-2.44	---	---	---	---	0.96	-0.69
29	1.18	-1.15	0.56	-1.70	0.06	-2.02	---	---	---	---	0.63	-1.26
30	1.32	-1.07	0.65	-1.62	-0.01	-1.88	---	---	---	---	0.85	-1.56
31	1.43	-1.03	---	---	0.45	-1.62	---	---	---	---	1.23	-1.55
MAX	1.61	-0.20	---	-0.46	---	-1.12	---	---	---	---	---	---
MIN	0.42	-1.48	---	-1.90	---	-3.02	---	---	---	---	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	1.29	-1.44	1.22	-1.18	0.94	-0.50	1.07	-1.07	1.15	-1.15	1.14	-1.32
2	-0.01	-1.03	0.52	-1.26	1.04	-0.58	1.07	-1.11	1.19	-1.18	1.25	-1.14
3	-0.12	-2.12	0.48	-1.34	1.56	-0.43	1.31	-1.07	1.13	0.03	1.04	-0.65
4	-0.18	-2.00	0.78	-0.94	1.22	-0.45	1.28	-1.21	1.02	-1.30	0.90	-0.99
5	0.58	-1.52	1.17	-0.78	1.32	---	1.38	---	1.18	-1.18	0.82	-0.94
6	1.06	-1.00	0.70	-1.55	1.26	-0.47	1.51	-1.17	1.03	-1.27	0.65	-1.12
7	1.50	-0.30	0.54	-1.48	1.15	-0.80	1.34	-1.11	0.76	-1.26	0.76	-1.01
8	1.24	-1.09	1.18	-0.39	1.29	-0.79	1.61	-1.16	1.12	-1.13	0.78	-1.16
9	0.63	-0.85	1.19	-1.38	1.56	-0.84	2.38	-0.53	0.70	-0.87	0.77	-1.25
10	0.80	-1.45	1.19	-1.41	1.38	-0.78	3.17	---	0.69	-0.97	0.88	-1.36
11	1.27	-1.48	1.01	-1.45	1.87	0.38	1.27	0.39	0.73	-1.07	0.70	-1.48
12	1.46	-1.00	1.08	-1.49	1.14	0.26	0.78	-0.70	0.97	-1.15	0.62	-1.43
13	0.80	-0.87	0.89	-1.40	0.74	-0.20	0.81	-0.68	0.99	-1.26	0.94	-1.30
14	0.67	-1.35	0.67	-1.46	0.79	-0.23	0.88	-0.56	1.07	-1.38	1.54	-1.12
15	-0.12	-1.65	0.55	-1.08	0.90	-0.20	1.15	-0.69	1.04	-1.57	1.49	-1.16
16	-0.06	-2.17	0.62	-1.28	0.90	-0.36	1.20	-0.62	1.22	-1.43	1.62	-1.00
17	0.02	-2.22	0.45	-1.25	1.07	-0.57	1.17	-0.96	1.44	-1.08	1.38	-0.74
18	0.31	-1.94	0.42	-1.24	1.30	-0.77	1.40	-1.00	1.66	-0.04	1.18	-0.76
19	0.45	-1.60	0.52	-1.24	1.04	-1.09	1.59	---	1.59	-1.03	0.90	-0.96
20	0.66	-1.25	0.81	-1.03	1.48	-0.45	1.64	-1.00	1.46	-0.97	0.13	-1.63
21	0.75	-1.00	1.00	-1.24	1.43	0.38	1.62	-0.93	1.17	-1.03	1.78	-1.54
22	0.86	-1.02	0.98	-1.44	1.50	-0.84	1.56	-1.03	1.05	-0.86	1.91	-0.71
23	1.10	-0.76	1.04	-0.41	1.65	-0.85	1.05	-0.88	1.01	-0.80	1.69	-0.75
24	0.55	-1.04	1.04	-1.43	1.17	-0.90	1.08	-1.12	1.05	-1.00	1.43	-0.88
25	0.93	-1.51	1.33	-1.39	1.47	-1.16	1.00	-1.09	0.73	-1.52	0.93	-1.05
26	1.80	-1.51	1.40	-1.34	1.23	-0.95	0.79	-0.89	-0.86	-1.41	0.64	-1.18
27	1.26	-1.04	1.32	-1.33	0.84	-0.76	0.83	-1.08	1.82	0.74	1.01	-0.99
28	0.64	-1.58	1.01	-1.43	0.75	-1.07	0.68	-1.26	1.91	-0.25	1.23	-0.79
29	1.18	-1.62	0.71	-1.40	1.03	-0.58	0.95	-1.14	1.22	-0.63	1.17	-0.76
30	1.47	-1.12	0.95	-1.37	1.08	-0.72	0.93	-1.23	1.48	-0.91	1.08	-0.48
31	---	---	0.68	-0.82	---	---	1.07	-1.16	1.11	-1.24	---	---
MAX	1.80	-0.30	1.40	-0.39	1.87	---	3.17	---	1.91	0.74	1.91	-0.48
MIN	-0.18	-2.22	0.42	-1.55	0.74	---	0.68	---	-0.86	-1.57	0.13	-1.63

02299230 MYAKKA RIVER AT NORTH PORT CHARLOTTE, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 2003 to September 2005 (discontinued).

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located 2.5 ft below North American Vertical Datum of 1988 and 10 ft below North American Vertical Datum of 1988.

REMARKS.--Specific conductance and temperature records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 29,900 microsiemens, June 5, 2004; bottom sensor maximum, 31,200 microsiemens, June 6, 2004, top sensor minimum, 91 microsiemens, Aug. 11, 2003, bottom sensor minimum, 89 microsiemens, Aug. 11, 2003.

TEMPERATURE.--Top sensor maximum, 33.7° C, June 26, 2004; bottom sensor maximum, 33.8° C, June 26, 2004; top sensor minimum, 13.0° C, Dec. 16, 2004; bottom sensor minimum, 13.1° C, Dec. 27, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 18,800 microsiemens, Dec. 23; bottom sensor maximum, 20,000 microsiemens, Dec. 23, 26; top sensor minimum, 93 microsiemens, July 7; bottom sensor minimum, 139 microsiemens, Oct. 3.

TEMPERATURE.--Top sensor maximum, 33.2° C, July 7; bottom sensor maximum, 32.7° C, Aug. 20; top sensor minimum, 13.0° C, Dec. 16; bottom sensor minimum, 13.1° C, Dec. 27.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	224	204	3,250	333	8,710	2,060	1,590	347	7,080	761	1,280	334
2	219	195	3,310	380	8,710	1,850	1,500	351	7,250	715	549	324
3	213	186	6,790	477	11,000	1,450	1,850	361	6,980	790	392	306
4	207	181	6,510	1,030	12,100	3,950	2,230	378	8,900	866	558	299
5	254	180	6,120	1,070	13,500	4,480	2,740	394	10,700	1,430	935	301
6	406	185	5,760	695	11,300	1,180	3,220	397	11,500	1,590	1,010	309
7	624	188	5,910	583	9,860	1,050	2,280	379	12,300	866	852	313
8	697	194	6,430	602	12,100	2,690	2,800	388	4,860	556	887	316
9	726	198	5,860	481	14,100	3,750	6,830	629	6,560	680	1,000	324
10	912	204	3,990	341	17,200	6,490	7,350	443	7,880	1,080	720	321
11	964	209	5,530	521	15,900	3,400	2,670	419	7,770	1,010	1,370	322
12	1,070	217	6,710	908	15,900	4,300	3,420	437	8,520	828	1,590	339
13	1,230	220	8,980	1,040	15,000	5,570	3,900	421	7,800	686	1,530	337
14	1,210	230	6,690	599	19,200	7,840	4,770	424	14,200	785	1,910	337
15	1,340	226	7,420	1,410	11,600	1,740	5,710	472	8,800	826	3,100	353
16	789	229	7,570	1,550	12,200	4,190	7,890	505	5,220	544	2,570	397
17	1,250	241	7,570	1,090	11,800	897	13,100	676	4,620	550	2,690	362
18	1,420	228	9,360	3,570	6,880	686	13,400	1,630	4,330	524	2,120	379
19	1,540	241	10,500	3,700	6,990	538	12,100	730	4,200	553	2,680	372
20	1,680	243	6,880	909	4,860	579	7,410	571	9,810	922	2,430	373
21	1,860	263	8,100	1,260	3,210	396	8,190	819	10,300	723	2,050	376
22	1,600	270	9,610	1,380	2,760	341	9,920	831	8,740	638	2,240	374
23	2,320	306	11,100	2,180	4,940	380	9,890	714	6,530	585	2,020	348
24	2,770	289	12,900	2,990	7,050	369	9,200	813	9,160	936	2,270	402
25	2,920	305	13,600	2,520	3,040	343	10,000	1,790	6,400	627	3,650	390
26	3,360	306	13,700	2,460	1,710	332	10,100	3,050	2,720	469	3,390	416
27	5,560	428	14,700	3,230	1,210	330	9,860	1,180	555	407	4,060	414
28	8,650	850	14,200	3,000	1,080	326	4,610	561	1,630	390	3,540	483
29	6,480	369	7,520	659	1,220	331	7,160	653	1,470	360	3,730	463
30	4,290	359	8,400	1,940	1,290	332	5,760	1,080	---	---	5,200	498
31	2,890	289	---	---	1,340	352	5,710	607	---	---	6,370	629
MONTH	8,650	180	14,700	333	19,200	326	13,400	347	14,200	360	6,370	299

02299230 MYAKKA RIVER AT NORTH PORT CHARLOTTE, FL—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6,770	651	17,100	8,240	27,800	19,100	10,600	1,060	492	285	198	163
2	5,250	592	19,100	11,600	28,400	19,100	9,780	1,070	325	300	198	161
3	6,430	784	18,400	8,610	29,200	19,500	8,300	956	307	259	198	167
4	7,210	953	15,500	6,530	29,300	20,400	6,970	767	284	233	227	170
5	7,820	1,340	16,300	5,170	29,900	21,600	2,920	440	269	199	932	173
6	10,200	1,080	19,300	6,460	29,400	22,700	2,040	378	223	188	1,440	217
7	13,300	1,580	19,900	8,960	27,800	22,400	1,780	428	206	183	225	178
8	16,000	2,260	21,000	9,070	26,400	22,600	1,880	465	204	177	212	170
9	15,900	2,500	21,600	11,000	24,600	21,100	2,080	512	201	177	192	166
10	14,000	2,350	19,500	11,300	24,500	16,700	2,250	520	200	173	188	167
11	16,900	1,750	19,900	10,300	24,500	19,900	2,460	581	200	168	167	153
12	13,200	3,330	20,300	10,900	24,400	20,800	2,480	622	201	174	161	142
13	11,600	5,490	19,900	12,700	23,900	18,600	3,110	684	223	179	146	136
14	8,250	834	19,200	12,100	22,800	17,300	3,330	722	211	161	145	134
15	7,850	1,530	19,700	11,900	21,700	15,600	3,860	708	208	158	149	132
16	9,220	2,350	18,900	10,000	20,500	12,800	5,040	708	189	159	155	136
17	9,760	2,790	20,500	10,500	19,200	10,100	6,990	736	183	166	161	145
18	10,400	2,900	20,200	10,300	18,700	7,590	7,430	878	181	161	170	149
19	11,900	2,950	21,300	9,630	18,600	7,070	7,810	886	170	146	173	152
20	12,500	2,750	21,400	10,500	18,500	6,580	4,060	756	157	136	169	151
21	15,500	3,450	21,600	9,890	18,000	5,740	1,730	464	154	137	200	155
22	15,900	5,690	23,000	10,800	17,700	6,170	642	360	150	138	189	167
23	14,500	4,980	22,700	12,500	16,800	5,060	849	331	157	125	244	173
24	14,900	3,990	22,100	12,800	15,500	5,700	974	333	159	140	518	180
25	15,900	5,070	21,900	12,300	14,600	4,780	877	360	163	140	467	180
26	16,300	6,200	21,800	12,900	14,300	4,780	768	376	164	132	4,190	201
27	14,800	7,280	22,100	14,100	15,100	3,100	591	348	176	132	1,350	231
28	16,000	4,410	22,700	15,000	13,000	2,240	409	326	183	142	939	188
29	16,100	8,040	23,000	17,300	13,500	1,560	395	281	184	155	360	175
30	16,700	7,010	25,100	18,800	10,900	958	639	267	248	161	201	161
31	---	---	26,200	19,000	---	---	449	267	224	168	---	---
MONTH	16,900	592	26,200	5,170	29,900	958	10,600	267	492	125	4,190	132
YEAR	29,900	125										

02299230 MYAKKA RIVER AT NORTH PORT CHARLOTTE, FL—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	229	199	3,120	342	8,520	2,390	1,610	347	7,420	861	1,330	346
2	222	189	3,180	421	8,620	2,060	1,710	351	7,980	828	545	341
3	229	180	6,380	541	10,800	1,670	1,810	358	8,640	903	409	318
4	243	175	6,260	1,250	11,800	4,060	2,230	379	9,030	1,030	677	310
5	249	176	5,780	1,260	13,300	4,830	2,920	413	11,500	1,650	953	313
6	435	178	5,470	873	11,200	1,420	3,220	394	11,900	1,780	1,030	318
7	622	184	5,520	789	10,400	1,270	2,280	376	12,500	1,100	978	320
8	690	189	6,080	764	12,500	3,040	2,740	391	5,550	668	979	328
9	807	193	5,460	585	13,900	4,130	6,860	766	6,680	720	1,050	332
10	939	199	3,830	416	17,300	6,650	7,340	447	8,060	1,270	830	331
11	951	205	5,090	704	16,000	3,920	2,770	424	7,790	1,160	1,520	333
12	1,080	211	6,570	1,120	16,100	4,660	3,360	475	8,610	966	1,790	346
13	1,220	214	8,460	1,400	15,500	5,990	3,870	419	8,530	845	1,520	338
14	1,190	221	5,960	885	19,300	8,460	4,720	415	14,300	882	2,030	340
15	1,300	221	7,220	1,720	12,600	2,040	5,640	553	9,940	1,110	3,160	364
16	876	224	7,460	1,810	12,200	4,560	9,160	662	6,530	570	2,680	446
17	1,310	233	7,140	1,340	12,200	1,210	13,300	752	5,590	601	2,730	372
18	1,410	221	9,020	3,580	6,750	812	13,900	1,700	4,610	517	2,100	390
19	1,560	232	10,100	4,040	6,890	629	12,300	997	4,290	580	2,730	370
20	1,620	241	6,780	1,040	4,770	606	9,020	767	10,200	1,090	2,420	369
21	1,810	269	7,500	1,820	3,650	413	8,720	1,030	10,700	1,020	2,110	366
22	1,820	289	9,430	1,570	2,800	330	10,000	908	8,710	898	2,240	367
23	2,320	384	10,900	2,390	5,210	385	9,730	890	6,660	756	2,050	347
24	2,810	302	12,700	3,270	7,650	364	9,070	1,070	9,640	1,100	2,280	403
25	2,850	324	13,300	2,880	3,150	335	10,100	2,020	6,470	766	3,740	384
26	3,320	354	13,400	2,740	1,780	331	10,200	3,100	3,130	562	3,420	433
27	5,410	527	14,500	3,490	1,360	327	9,690	1,290	661	424	4,220	410
28	8,460	1,140	13,900	3,180	1,250	323	5,140	589	1,810	402	4,220	541
29	6,230	412	7,670	919	1,310	327	7,680	668	1,490	378	4,680	558
30	4,080	370	8,420	2,130	1,350	330	6,670	1,250	---	---	5,940	550
31	2,740	302	---	---	1,420	348	6,910	694	---	---	6,200	727
MONTH	8,460	175	14,500	342	19,300	323	13,900	347	14,300	378	6,200	310
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7,260	704	16,900	8,490	29,700	21,500	11,400	1,260	511	279	212	156
2	5,120	671	19,000	10,200	30,400	21,500	10,400	1,240	337	296	199	160
3	6,370	886	18,300	8,990	30,700	21,900	9,090	1,070	330	261	201	158
4	7,160	1,130	15,600	6,680	29,700	22,700	7,560	913	296	233	238	164
5	8,180	1,390	16,500	5,980	31,100	23,700	2,930	435	284	196	932	178
6	9,950	1,220	19,700	7,070	31,200	24,100	2,010	372	228	187	1,440	214
7	13,000	1,750	20,800	9,360	29,200	24,200	1,770	408	207	183	241	184
8	15,800	2,400	21,900	9,720	28,100	24,300	1,840	448	203	178	203	171
9	16,500	2,750	22,700	11,500	26,300	20,500	2,070	495	200	177	194	172
10	14,800	2,650	20,900	12,000	26,100	23,000	2,270	489	196	172	187	167
11	16,800	1,930	20,900	11,000	25,700	22,500	2,370	601	203	171	169	152
12	13,500	3,420	21,300	11,900	26,000	23,000	2,690	620	201	175	158	141
13	11,400	5,610	21,400	13,200	25,400	19,100	3,100	672	222	178	147	135
14	8,850	845	20,200	12,800	23,300	17,600	3,280	731	243	153	143	134
15	7,700	1,580	20,700	12,600	21,700	16,000	4,100	703	215	170	268	132
16	9,300	2,400	20,200	11,000	20,600	12,900	5,220	703	192	164	156	138
17	9,650	2,800	21,300	11,500	19,300	10,300	7,060	871	190	167	162	144
18	10,500	2,960	21,500	11,500	18,800	8,280	7,440	985	185	160	168	148
19	12,000	3,130	22,800	10,700	18,900	7,680	7,830	973	171	146	171	149
20	12,400	2,760	23,100	12,100	18,800	7,260	3,960	792	159	137	170	148
21	15,900	3,580	22,800	11,200	18,800	6,610	1,820	453	155	140	211	151
22	16,200	5,700	24,800	12,200	18,600	6,650	688	352	154	138	214	166
23	14,900	5,260	24,400	14,400	17,600	5,660	1,010	316	162	124	242	173
24	16,000	4,380	24,000	14,300	15,800	6,180	1,070	327	160	139	539	181
25	15,800	5,780	24,000	13,700	15,100	5,420	945	357	166	143	528	182
26	16,700	6,530	24,200	14,300	14,700	5,420	858	370	168	145	4,130	203
27	15,100	7,580	23,600	15,800	15,400	3,340	733	338	184	141	1,300	221
28	16,400	4,780	24,100	16,900	13,400	2,540	429	322	196	157	1,010	183
29	15,900	512	24,900	18,800	14,400	1,740	389	280	199	156	391	173
30	16,500	7,320	26,100	20,400	11,400	1,330	664	266	271	167	211	161
31	---	---	27,600	21,000	---	---	491	266	230	171	---	---
MONTH	16,800	512	27,600	5,980	31,200	1,330	11,400	266	511	124	4,130	132
YEAR	31,200	124										

02299230 MYAKKA RIVER AT NORTH PORT CHARLOTTE, FL—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	26.1	25.6	26.0	24.7	20.0	17.9	20.7	18.4	19.8	16.6	20.5	18.0
2	26.2	25.4	25.7	24.3	19.7	17.7	21.5	19.2	20.2	18.5	21.4	18.9
3	26.5	25.0	24.9	24.0	19.6	17.7	22.0	19.9	20.9	18.4	22.2	19.8
4	27.0	25.3	25.3	24.1	20.9	18.6	22.8	20.7	21.7	19.0	23.5	20.6
5	27.4	25.9	26.7	24.6	21.0	20.1	23.3	21.4	23.1	20.4	24.1	21.8
6	28.1	26.0	26.8	25.5	20.4	17.6	23.6	21.5	24.4	22.0	25.1	22.3
7	28.3	26.4	27.4	25.5	18.3	15.7	22.7	19.2	23.8	20.5	26.1	23.5
8	28.7	26.3	27.8	26.1	18.3	16.1	19.9	17.6	20.8	18.0	25.3	22.9
9	28.7	26.7	27.5	25.9	19.6	17.1	20.2	18.2	20.0	16.7	23.1	21.4
10	28.1	26.8	26.5	24.8	20.4	18.7	19.9	15.9	21.8	18.9	22.4	20.5
11	28.1	26.9	26.6	24.8	19.8	18.8	16.1	13.8	23.2	20.8	22.2	18.8
12	28.9	26.9	26.4	24.6	19.6	17.7	17.1	14.4	24.0	21.9	23.0	20.0
13	28.6	27.4	26.5	25.0	19.8	17.9	17.8	15.6	24.2	22.5	22.7	19.6
14	28.9	27.5	25.7	23.4	19.9	19.4	17.7	16.2	23.4	21.8	22.2	19.9
15	29.0	27.3	24.8	22.7	19.4	17.3	18.0	16.2	23.3	21.6	23.0	21.2
16	27.8	25.6	24.7	22.8	19.5	17.9	18.7	15.7	22.3	20.5	23.0	22.2
17	27.6	25.8	25.1	23.7	19.5	17.3	18.3	15.7	20.7	18.9	24.7	22.0
18	27.5	26.0	25.4	24.1	18.0	15.8	18.6	17.2	19.3	17.2	25.1	22.1
19	27.2	25.9	25.0	23.3	17.3	15.8	19.9	17.6	19.5	16.5	26.1	23.0
20	27.0	25.3	23.3	21.5	16.6	15.0	19.5	17.7	19.3	17.6	25.7	23.6
21	26.8	24.8	23.0	21.1	15.9	13.5	19.2	16.8	21.1	18.8	26.0	23.4
22	26.5	24.4	22.8	21.2	16.7	13.9	19.1	17.0	22.2	19.6	25.8	23.7
23	26.9	25.1	23.2	21.5	18.0	15.2	18.4	16.9	23.2	20.4	23.8	21.2
24	26.4	24.5	24.0	22.0	18.1	16.0	18.7	16.3	24.3	21.7	22.4	20.6
25	26.2	24.6	24.5	23.2	18.0	16.0	19.4	16.9	23.3	20.7	22.4	20.2
26	27.4	25.1	25.2	23.2	18.1	15.8	21.2	18.3	22.2	20.2	23.2	20.9
27	28.1	26.2	24.9	23.8	18.4	16.2	21.2	20.3	21.6	18.8	23.7	21.4
28	27.5	26.5	25.0	23.8	18.3	16.6	20.3	17.9	19.9	17.1	24.8	21.8
29	27.0	25.6	24.0	19.1	18.9	17.6	18.4	15.9	20.4	17.4	25.4	22.1
30	26.3	24.9	19.2	17.3	19.5	17.5	18.0	16.9	---	---	25.3	22.5
31	26.4	24.6	---	---	19.7	18.0	17.3	16.7	---	---	25.7	23.5
MONTH	29.0	24.4	27.8	17.3	21.0	13.5	23.6	13.8	24.4	16.5	26.1	18.0
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.6	23.1	28.9	26.9	32.3	30.2	31.0	28.1	28.9	27.9	31.4	28.8
2	24.2	21.8	29.2	27.4	32.3	30.1	30.4	28.6	29.0	27.8	30.4	28.3
3	24.1	21.7	28.4	26.7	31.9	30.1	30.1	28.0	29.2	27.6	30.9	28.6
4	24.0	21.8	28.0	25.3	30.9	29.6	31.4	28.1	28.8	27.8	29.5	27.4
5	24.4	21.9	27.6	24.7	30.4	28.8	31.7	28.4	29.2	27.5	27.5	25.5
6	24.1	21.5	27.2	25.0	31.3	28.8	31.2	28.6	29.8	27.9	26.8	25.4
7	24.6	22.4	27.3	25.1	31.0	28.7	30.5	28.9	29.8	28.6	27.9	26.3
8	25.4	23.4	27.7	25.2	31.2	28.1	31.7	28.7	29.7	28.7	28.9	27.2
9	26.3	24.1	27.1	25.5	30.7	28.1	32.6	30.0	30.1	28.3	28.9	27.6
10	28.4	24.7	26.6	25.6	30.8	28.6	33.2	30.7	30.4	28.5	29.1	27.6
11	27.2	24.9	26.9	25.3	30.7	29.0	33.6	30.3	30.8	28.7	29.3	27.7
12	26.1	23.1	27.5	25.5	31.1	29.4	31.8	29.3	30.5	29.0	29.1	27.8
13	23.6	22.4	28.0	25.8	31.9	29.5	32.2	30.2	29.2	27.5	28.8	27.8
14	22.4	20.5	28.8	26.0	31.6	28.8	32.6	30.4	28.6	27.1	28.2	27.7
15	23.0	19.2	28.3	26.2	31.4	28.6	32.2	30.5	29.9	27.2	28.5	27.4
16	24.0	20.3	28.3	26.5	31.2	29.1	32.0	30.0	30.3	27.5	29.2	27.4
17	24.6	21.6	28.8	25.8	31.1	28.4	30.3	29.3	29.7	27.8	30.0	27.7
18	24.9	22.0	28.8	26.1	31.6	29.0	30.4	29.0	30.3	28.0	30.4	28.1
19	25.3	22.2	28.3	26.1	32.2	29.7	29.6	28.5	29.7	28.3	29.7	28.0
20	25.8	22.5	29.0	26.4	32.5	30.4	28.5	27.5	29.6	28.3	28.4	27.3
21	25.9	23.5	29.4	26.4	32.2	30.5	29.5	27.1	30.2	28.6	27.3	26.2
22	26.6	24.0	29.7	27.0	32.8	30.3	30.5	27.3	29.7	28.3	27.2	25.8
23	27.9	24.8	29.7	27.0	33.2	30.4	31.1	28.4	29.0	27.8	27.7	25.7
24	28.3	25.0	29.9	27.3	32.6	30.7	31.5	29.1	29.7	27.9	27.9	25.8
25	27.8	26.0	30.4	27.2	32.7	29.9	31.2	29.6	29.7	28.2	27.5	26.0
26	28.6	26.0	31.0	28.1	33.7	30.7	30.2	29.3	30.0	28.4	26.2	25.1
27	27.6	26.3	31.5	28.9	32.8	30.7	29.8	28.8	29.6	28.5	27.2	25.1
28	27.3	24.6	31.6	29.0	31.1	29.8	29.9	27.9	31.1	28.0	28.4	26.2
29	26.5	25.4	32.1	29.4	31.4	28.1	29.3	27.4	31.1	28.4	29.1	26.7
30	28.7	25.4	32.3	30.1	30.5	27.2	29.8	27.4	30.6	28.7	29.8	27.0
31	---	---	32.4	30.4	---	---	29.0	27.5	31.9	29.0	---	---
MONTH	28.7	19.2	32.4	24.7	33.7	27.2	33.6	27.1	31.9	27.1	31.4	25.1
YEAR	33.7	13.5										

02299230 MYAKKA RIVER AT NORTH PORT CHARLOTTE, FL—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	26.1	25.6	26.1	24.7	20.1	18.0	20.5	18.4	19.5	16.6	20.5	18.0
2	26.2	25.4	25.8	24.3	19.7	17.8	21.2	19.2	20.1	18.5	21.2	18.9
3	26.5	25.0	25.0	24.0	19.5	17.8	21.9	20.0	20.8	18.4	22.3	19.9
4	27.0	25.3	25.3	24.1	20.7	18.6	22.8	20.7	21.8	19.1	23.5	20.6
5	27.4	25.8	26.4	24.6	21.0	20.1	23.3	21.4	23.2	20.6	24.0	21.8
6	28.0	26.0	26.8	25.5	20.5	17.8	23.6	21.5	24.5	22.0	25.0	22.3
7	28.0	26.3	27.4	25.5	18.3	16.2	22.8	19.6	23.9	20.6	25.8	23.5
8	28.4	26.3	27.8	26.1	18.3	16.3	19.9	17.6	21.4	18.0	25.3	22.9
9	28.4	26.7	27.6	26.0	19.7	17.1	20.2	18.1	20.0	17.1	23.1	21.4
10	28.0	26.8	26.5	24.8	20.4	18.7	20.0	15.8	21.9	19.1	22.4	20.5
11	28.1	26.9	26.6	24.7	20.1	18.8	16.2	13.7	23.2	20.9	22.0	18.8
12	28.9	26.9	26.5	24.5	19.6	17.7	17.1	14.6	24.1	21.9	22.1	20.0
13	28.7	27.4	26.5	24.8	19.8	18.2	17.8	15.8	24.1	22.5	22.7	19.6
14	28.9	27.5	25.8	23.4	20.0	19.4	17.7	16.2	23.5	21.9	22.2	19.9
15	28.9	27.3	24.8	23.0	19.5	17.9	18.0	16.2	23.3	21.6	22.9	21.2
16	27.7	25.6	24.8	23.5	19.5	17.9	18.4	15.8	22.5	20.6	23.0	22.2
17	27.6	26.0	25.2	23.7	19.5	18.1	18.2	15.7	20.8	19.0	24.5	22.0
18	27.3	26.0	25.3	24.1	18.5	15.8	18.6	17.2	19.4	17.1	25.0	22.1
19	27.0	25.9	25.0	23.5	17.3	15.7	19.9	17.6	19.5	16.4	25.9	23.0
20	26.9	25.3	23.5	21.6	16.7	15.0	19.6	17.6	19.3	17.5	25.6	23.6
21	26.8	24.9	22.8	21.1	15.9	13.5	19.3	16.8	21.1	18.7	26.0	23.4
22	26.3	24.4	22.8	21.2	16.8	14.0	19.2	17.0	22.3	19.7	25.8	23.6
23	26.8	25.0	23.3	21.4	18.1	15.2	18.5	16.8	23.2	20.4	23.8	21.1
24	26.5	24.5	24.0	22.0	18.2	16.2	18.8	16.3	24.3	21.8	22.4	20.6
25	26.2	24.6	24.6	23.2	18.0	16.0	19.5	17.1	23.3	20.7	22.3	20.3
26	27.4	25.1	25.2	23.2	18.1	15.9	21.2	18.4	22.3	20.3	23.2	20.9
27	28.1	26.2	25.0	23.7	18.6	16.2	21.3	20.2	21.6	18.8	23.7	21.4
28	27.5	26.7	25.1	23.8	18.3	16.6	20.2	17.9	19.8	17.1	23.9	21.8
29	27.1	25.6	24.2	19.2	19.0	17.6	18.5	16.0	20.2	17.4	24.7	22.1
30	26.4	24.9	19.4	17.4	19.6	17.5	18.1	17.0	---	---	25.0	22.5
31	26.4	24.7	---	---	19.7	18.0	17.4	16.7	---	---	25.5	23.4
MONTH	28.9	24.4	27.8	17.4	21.0	13.5	23.6	13.7	24.5	16.4	26.0	18.0
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.6	23.2	28.8	27.0	32.3	30.3	30.9	28.3	28.9	27.9	30.9	28.8
2	23.9	21.8	29.2	27.3	32.3	30.3	30.5	28.6	28.9	27.8	30.4	28.3
3	24.0	21.6	28.4	26.8	31.9	30.1	30.1	28.1	29.2	27.6	30.8	28.6
4	24.0	21.7	28.0	25.4	30.9	29.6	31.2	28.1	28.8	27.8	29.6	27.3
5	24.3	21.9	27.6	25.1	30.4	28.8	31.6	28.4	29.2	27.5	27.5	25.6
6	24.1	21.6	27.2	25.2	31.1	28.8	31.2	28.6	29.8	27.9	26.8	25.5
7	24.6	22.7	27.3	25.2	30.3	28.7	30.6	28.9	29.9	28.6	27.9	26.3
8	25.4	23.4	27.5	25.3	30.2	28.1	31.4	28.8	29.7	28.7	28.9	27.3
9	26.0	24.2	27.0	25.5	30.3	28.2	32.5	30.0	30.2	28.4	28.9	27.6
10	27.4	24.7	26.6	25.6	30.8	28.6	32.9	30.7	30.4	28.5	29.1	27.6
11	27.1	25.0	26.5	25.3	30.7	29.0	32.7	30.3	30.9	28.7	29.3	27.7
12	26.4	23.2	27.2	25.6	31.1	29.4	31.4	29.3	30.5	29.0	29.1	27.8
13	23.7	22.6	27.8	25.8	31.7	29.6	32.1	30.2	29.2	27.5	28.8	27.9
14	22.8	20.5	28.3	26.0	31.2	28.5	32.5	30.4	28.6	27.1	28.3	27.7
15	22.7	19.2	28.3	26.2	31.2	29.2	32.0	30.5	29.5	27.2	28.6	27.3
16	23.7	20.3	28.2	26.5	31.1	29.4	31.8	30.0	29.4	27.5	28.9	27.4
17	24.5	21.6	28.5	26.2	31.1	29.0	30.3	29.3	29.4	27.8	29.7	27.7
18	24.8	22.0	28.7	26.6	31.6	29.1	30.4	29.0	30.2	28.0	30.3	28.1
19	25.0	22.4	28.3	26.5	32.1	29.8	29.5	28.5	29.7	28.3	29.7	28.0
20	25.8	23.0	28.8	26.7	32.4	30.4	28.5	27.4	29.6	28.3	28.4	27.3
21	26.0	23.9	29.3	26.6	32.2	30.5	28.9	27.1	30.2	28.6	27.3	26.2
22	26.6	24.3	29.3	27.0	32.7	30.3	30.1	27.3	29.8	28.3	27.2	25.8
23	27.5	24.9	29.5	27.0	33.2	30.4	30.8	28.4	29.0	27.8	27.7	25.7
24	27.9	25.0	29.4	27.3	32.7	30.8	31.4	29.1	29.7	28.0	27.9	25.8
25	27.8	26.0	29.8	27.3	32.5	30.0	31.2	29.7	29.7	28.3	27.6	26.0
26	28.3	26.1	30.2	28.2	33.8	30.8	30.2	29.0	30.0	28.4	26.2	25.2
27	27.6	26.3	31.5	29.0	32.9	30.7	29.8	28.7	29.6	28.5	27.2	25.1
28	27.3	24.6	31.6	29.2	31.2	29.9	29.1	27.9	30.3	28.0	28.3	26.2
29	26.5	25.4	32.2	29.5	30.6	28.2	29.3	27.4	30.8	28.4	29.1	26.7
30	28.5	25.4	32.3	30.1	30.0	27.5	29.8	27.4	30.6	28.8	29.2	27.0
31	---	---	32.4	30.3	---	---	28.9	27.5	31.3	29.0	---	---
MONTH	28.5	19.2	32.4	25.1	33.8	27.5	32.9	27.1	31.3	27.1	30.9	25.1
YEAR	33.8	13.5										

02299230 MYAKKA RIVER AT NORTH PORT CHARLOTTE, FL—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	180	152	3,030	317	11,900	3,410	6,450	802	2,510	392	5,010	607
2	162	144	2,800	313	10,700	3,130	5,810	647	2,480	422	3,850	580
3	153	140	2,440	280	10,200	2,160	4,860	533	5,320	415	2,710	593
4	157	139	2,580	316	10,500	3,190	4,490	546	3,300	436	2,490	448
5	157	144	2,760	287	11,000	2,850	4,730	522	4,940	415	2,060	429
6	166	149	2,320	284	12,000	5,930	5,330	538	9,450	494	1,840	390
7	169	155	2,470	385	13,100	5,410	5,270	580	10,100	726	1,840	366
8	177	157	2,660	361	13,600	5,110	5,640	574	11,500	1,110	4,330	358
9	351	159	2,810	346	14,800	4,380	5,880	543	12,600	1,160	928	362
10	535	165	2,720	331	17,200	7,160	5,980	588	13,300	674	1,040	365
11	750	174	4,400	458	17,400	4,580	8,350	644	5,150	554	1,180	374
12	643	192	8,000	995	14,400	2,430	10,000	733	5,810	532	1,060	369
13	731	200	10,300	1,220	16,800	4,170	9,410	947	9,970	894	1,090	368
14	992	209	8,060	573	17,800	4,670	10,300	598	8,700	1,450	942	363
15	856	211	4,850	430	---	---	1,900	523	7,300	886	1,390	363
16	835	213	7,640	763	13,600	3,690	1,480	499	7,470	619	2,160	367
17	1,200	213	7,860	1,010	15,000	6,320	1,840	471	8,530	727	1,130	399
18	1,120	214	7,690	1,290	15,000	6,820	1,820	471	5,210	582	443	355
19	1,230	218	8,490	2,050	15,000	5,660	1,840	460	8,050	565	366	321
20	1,260	210	9,530	2,990	14,700	3,860	4,050	456	7,890	802	340	300
21	1,190	208	9,720	3,010	16,400	5,840	4,640	472	9,270	1,040	318	288
22	1,440	213	9,530	2,490	18,600	7,060	4,520	461	9,720	869	315	280
23	1,350	223	11,000	3,060	18,800	10,600	6,140	406	9,860	1,140	302	260
24	1,360	235	13,400	5,180	17,900	6,960	1,860	406	12,900	2,710	283	247
25	1,360	234	15,500	4,710	15,200	4,130	2,070	406	12,400	2,840	274	237
26	1,470	234	10,300	1,430	18,600	2,130	4,250	407	11,200	2,120	309	239
27	1,510	236	12,700	2,800	8,860	1,230	4,320	408	16,700	3,000	529	245
28	1,600	244	15,200	4,000	7,890	1,220	2,920	391	9,420	1,760	581	251
29	1,860	257	10,500	2,310	8,880	1,790	1,750	392	---	---	720	249
30	2,280	271	11,000	2,900	8,260	1,290	2,880	417	---	---	963	253
31	2,870	277	---	---	8,460	1,200	2,110	391	---	---	1,050	258
MONTH	2,870	139	15,500	280	---	---	10,300	391	16,700	392	5,010	237
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	1,150	256	6,950	1,150	5,240	410	---	---	197	124	---	---
2	645	265	5,010	852	938	336	---	---	289	103	---	---
3	674	279	4,870	691	612	273	---	---	417	103	---	---
4	1,220	272	5,350	920	390	220	---	---	601	116	---	---
5	1,220	270	5,580	825	323	202	---	---	884	110	---	---
6	1,180	283	4,260	611	296	195	666	117	716	106	---	---
7	1,630	304	3,500	595	281	195	518	93	788	130	---	---
8	1,410	287	5,390	697	282	225	752	97	815	137	---	---
9	1,310	289	5,890	839	264	216	468	96	924	131	---	---
10	1,510	295	6,320	746	247	191	385	113	---	---	---	---
11	1,950	298	5,800	789	243	202	196	98	---	---	---	---
12	2,280	338	6,290	649	208	192	196	95	---	---	---	---
13	1,600	340	5,040	624	206	187	199	96	---	---	---	---
14	1,660	317	4,170	608	212	194	190	100	---	---	---	---
15	1,110	308	3,830	565	217	194	202	98	---	---	---	---
16	1,570	324	3,680	513	206	186	193	104	---	---	---	---
17	1,640	334	3,350	549	199	180	211	146	---	---	---	---
18	1,980	356	2,870	498	208	173	210	105	---	---	---	---
19	2,160	358	2,750	490	212	179	329	108	---	---	---	---
20	2,440	402	3,250	524	245	195	361	110	---	---	---	---
21	2,800	409	3,770	530	236	161	465	114	---	---	---	---
22	3,210	398	4,110	559	240	191	435	189	---	---	---	---
23	4,300	591	4,820	564	250	189	198	105	---	---	---	---
24	2,680	398	5,220	574	248	194	390	123	---	---	---	---
25	4,230	392	7,280	603	340	207	565	108	---	---	---	---
26	9,760	499	8,180	754	383	230	306	105	---	---	---	---
27	5,900	1,050	8,190	830	412	240	209	111	---	---	---	---
28	4,290	578	7,100	718	---	---	190	108	---	---	---	---
29	6,730	547	5,820	778	---	---	202	99	---	---	---	---
30	8,460	1,010	6,960	721	---	---	202	103	---	---	---	---
31	---	---	5,300	811	---	---	223	136	---	---	---	---
MONTH	9,760	256	8,190	490	---	---	---	---	---	---	---	---

02299230 MYAKKA RIVER AT NORTH PORT CHARLOTTE, FL—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	187	152	2,960	391	12,400	3,740	7,200	1,000	2,610	388	5,280	786
2	170	143	2,700	359	11,000	3,590	6,410	828	2,570	419	4,070	663
3	150	139	2,380	322	10,200	2,450	5,520	571	5,490	435	2,970	683
4	159	140	2,190	367	10,600	3,180	5,060	642	3,400	437	2,700	493
5	157	144	2,500	315	11,000	3,120	5,300	681	5,020	442	2,560	481
6	167	150	1,780	302	12,000	6,160	6,250	611	9,720	516	2,210	410
7	171	155	2,190	478	13,000	5,440	6,480	744	11,500	985	1,880	386
8	187	157	2,290	475	13,700	5,280	6,830	671	11,600	1,200	4,670	376
9	334	159	2,290	417	14,800	4,750	7,000	626	12,900	1,500	1,070	379
10	539	166	2,170	419	17,300	7,410	7,010	676	13,500	1,050	1,140	372
11	746	175	3,760	571	17,600	5,250	9,760	867	5,260	636	1,180	372
12	734	194	7,060	1,250	14,800	2,740	11,800	1,050	6,060	640	1,140	369
13	899	204	9,250	1,680	17,100	4,540	11,100	1,290	10,300	1,010	1,120	364
14	1,100	211	6,840	774	18,400	4,980	11,900	730	9,310	1,630	992	360
15	848	213	4,930	482	10,100	1,590	2,440	580	8,000	1,020	1,590	360
16	860	212	7,750	925	14,000	4,210	1,840	542	9,530	753	2,270	363
17	1,190	212	8,040	1,100	16,000	6,640	2,320	516	10,800	870	1,200	394
18	1,300	210	7,800	1,420	15,500	7,280	2,120	508	7,220	675	489	349
19	1,270	213	8,200	2,060	15,600	6,140	2,240	499	9,450	690	385	316
20	1,370	207	9,560	3,040	15,600	4,880	5,350	474	9,340	1,020	389	294
21	1,330	205	9,720	3,140	17,300	6,240	5,960	498	10,600	1,300	339	279
22	1,470	212	9,600	2,520	19,600	7,970	5,740	477	10,500	1,270	329	274
23	1,400	223	11,100	3,260	20,000	11,200	7,650	404	10,300	1,440	309	258
24	1,360	236	13,400	4,780	18,800	7,560	2,320	416	13,800	3,270	315	247
25	1,390	242	15,800	4,910	16,400	5,090	2,320	400	12,900	3,080	308	238
26	1,460	238	10,300	1,640	20,000	2,400	4,490	405	11,500	2,410	331	238
27	1,500	238	12,700	2,850	9,850	1,490	4,460	399	17,600	3,230	504	246
28	1,610	248	15,300	4,260	8,720	1,490	3,250	386	10,300	2,090	582	251
29	1,900	259	10,600	2,620	9,880	2,070	1,790	384	---	---	816	252
30	2,280	268	11,100	3,270	9,450	1,600	2,990	403	---	---	851	256
31	2,870	288	---	---	9,580	1,510	2,170	387	---	---	969	255
MONTH	2,870	139	15,800	302	20,000	1,490	11,900	384	17,600	388	5,280	238
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	1,110	257	6,780	1,210	5,300	437	214	178	243	180	1,770	316
2	771	269	4,980	1,030	1,010	332	380	192	440	175	1,840	338
3	1,840	276	4,740	780	606	271	417	209	538	169	1,660	332
4	1,570	271	5,270	997	396	242	447	225	631	170	1,500	330
5	1,250	268	5,280	852	323	202	743	224	959	171	1,510	293
6	1,030	280	4,070	648	288	190	791	223	724	173	1,660	301
7	1,870	304	3,370	627	319	147	613	218	840	176	---	---
8	1,400	282	5,230	733	293	218	773	216	812	180	---	---
9	1,600	284	5,650	959	291	211	515	194	1,030	183	---	---
10	1,910	287	6,160	902	252	200	412	176	938	185	---	---
11	2,470	292	5,580	860	238	197	204	170	867	185	---	---
12	2,810	342	6,080	794	212	187	206	182	1,050	186	---	---
13	1,820	364	4,770	798	215	179	219	192	1,120	188	---	---
14	2,240	320	4,610	693	217	189	207	171	1,210	191	---	---
15	2,130	302	3,590	708	220	187	237	190	1,170	192	---	---
16	1,790	325	3,500	642	213	179	217	191	1,370	213	---	---
17	1,890	343	3,110	593	201	178	210	187	1,510	218	---	---
18	2,070	363	2,950	549	199	176	208	185	1,300	242	---	---
19	2,160	381	2,860	513	211	176	386	183	1,360	239	---	---
20	2,480	463	3,260	548	247	191	342	188	1,240	245	---	---
21	2,830	465	3,830	616	230	172	424	199	1,250	226	---	---
22	3,220	444	4,080	609	235	162	447	199	1,220	233	---	---
23	4,230	661	4,960	609	244	160	244	189	1,160	252	---	---
24	2,720	451	5,380	596	285	183	480	198	1,340	230	---	---
25	4,180	442	7,330	682	313	177	633	202	1,230	224	---	---
26	9,600	511	8,260	795	362	220	410	205	326	240	---	---
27	5,790	1,220	8,240	874	393	234	350	203	1,510	326	---	---
28	4,200	723	7,600	942	475	233	293	203	1,380	390	---	---
29	6,740	643	6,230	844	353	193	260	195	1,610	305	---	---
30	8,570	1,100	7,030	749	239	186	250	177	1,510	305	---	---
31	---	---	5,390	915	---	---	273	171	1,710	292	---	---
MONTH	9,600	257	8,260	513	5,300	147	791	170	1,710	169	---	---

02299230 MYAKKA RIVER AT NORTH PORT CHARLOTTE, FL—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.7	27.2	27.5	26.0	24.7	23.1	20.6	19.1	20.3	18.2	23.1	21.1
2	29.5	27.4	27.8	26.2	24.1	22.7	20.9	18.9	20.7	18.7	22.4	20.3
3	29.4	27.8	28.0	26.3	23.7	22.7	20.9	19.0	21.6	19.1	20.8	17.5
4	29.3	27.5	28.0	27.0	22.8	21.2	21.1	19.1	21.0	17.7	20.3	17.0
5	29.3	27.6	27.8	25.4	21.9	20.1	22.0	19.4	18.3	16.1	21.2	17.6
6	29.3	27.7	25.4	23.3	22.7	20.9	22.4	19.9	18.9	17.2	21.3	17.3
7	28.3	26.8	24.8	23.0	23.2	21.5	22.8	20.7	20.1	18.0	21.3	18.8
8	27.6	25.9	24.0	22.3	24.1	21.8	23.6	21.0	20.6	18.8	21.0	19.5
9	27.2	25.5	23.3	21.8	24.3	22.6	23.9	21.7	21.4	19.1	19.9	17.4
10	26.7	25.7	23.5	22.0	24.3	23.5	23.5	21.9	20.7	18.9	19.9	16.9
11	26.4	25.0	23.9	22.2	23.8	21.4	23.5	21.6	18.9	17.1	20.0	17.7
12	27.0	24.8	24.4	22.8	21.4	19.9	23.6	21.8	18.7	16.3	20.8	18.0
13	27.1	25.1	25.3	23.4	21.0	18.7	24.2	22.6	19.1	16.7	22.0	18.9
14	27.3	25.3	24.8	23.8	20.6	17.9	23.7	21.3	20.1	17.7	22.5	20.0
15	26.5	24.7	23.8	22.7	---	---	21.3	19.9	21.3	18.6	23.1	21.0
16	25.9	23.5	23.4	21.6	16.3	13.0	20.0	18.6	22.3	18.9	24.2	21.6
17	25.6	23.6	23.4	21.2	16.5	15.1	18.7	16.7	22.8	19.4	23.2	21.5
18	26.2	24.2	23.5	21.5	17.7	16.1	17.2	14.7	21.9	19.3	22.9	20.8
19	26.9	25.4	23.4	22.4	18.0	16.5	16.6	14.4	21.3	18.9	22.1	19.2
20	27.6	26.3	23.8	22.3	17.2	15.6	15.8	14.2	22.0	19.5	21.9	18.6
21	28.1	26.7	24.4	22.2	16.8	14.3	17.3	14.2	23.0	20.5	22.1	19.5
22	27.7	26.3	24.7	22.3	17.4	15.5	18.0	15.3	24.1	21.8	23.8	20.9
23	26.9	25.4	24.3	22.8	18.4	17.2	18.1	16.0	25.0	22.7	23.1	22.2
24	26.6	25.0	24.7	23.2	18.7	17.8	16.2	13.8	25.1	23.4	23.7	21.9
25	26.8	25.1	24.7	23.5	17.9	16.7	16.8	14.3	24.3	23.5	25.2	22.2
26	26.8	25.2	23.7	21.7	16.8	14.9	17.5	14.7	24.1	22.8	26.7	23.6
27	26.8	25.0	23.1	21.4	15.9	13.2	18.6	15.7	23.5	22.6	26.2	24.4
28	26.5	24.9	23.9	22.1	16.5	13.9	19.1	16.9	23.7	22.0	25.5	24.2
29	26.9	25.1	23.9	21.9	18.0	15.2	19.9	17.7	---	---	25.8	23.0
30	27.3	25.4	24.2	22.1	19.3	16.3	20.7	19.1	---	---	25.1	22.3
31	27.2	25.7	---	---	19.8	18.0	20.6	18.8	---	---	25.6	23.0
MONTH	29.7	23.5	28.0	21.2	---	---	24.2	13.8	25.1	16.1	26.7	16.9
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	26.5	23.8	26.2	24.6	29.6	26.6	30.2	27.8	31.7	29.4	---	---
2	25.5	23.6	27.3	24.2	26.6	25.5	29.8	28.7	30.8	29.5	---	---
3	25.1	22.4	27.5	25.5	25.9	25.2	30.9	28.5	31.5	29.1	---	---
4	25.4	21.4	26.8	24.9	26.6	25.1	32.0	29.4	32.3	29.3	---	---
5	25.1	21.7	25.3	24.1	27.6	25.3	32.4	30.0	30.9	29.3	---	---
6	25.6	22.8	26.2	24.1	28.9	26.0	32.6	30.2	31.7	29.1	---	---
7	24.9	23.6	26.7	24.0	29.2	27.3	33.2	30.3	31.5	29.1	---	---
8	25.7	23.3	26.8	24.5	29.8	27.5	32.3	30.3	31.3	29.4	---	---
9	26.0	23.7	27.4	25.0	29.0	28.0	30.3	26.8	30.5	29.2	---	---
10	26.3	23.6	27.4	25.5	28.2	26.6	27.6	26.2	---	---	---	---
11	26.1	23.7	27.3	25.3	27.7	26.1	30.3	27.1	---	---	---	---
12	25.9	23.9	27.6	25.2	28.9	27.1	30.8	28.4	---	---	---	---
13	26.2	24.6	27.5	25.2	29.5	27.5	30.4	28.8	---	---	---	---
14	26.0	23.8	27.5	25.1	29.9	28.0	31.0	28.5	---	---	---	---
15	24.5	23.0	28.1	25.7	29.9	28.5	30.9	28.5	---	---	---	---
16	24.3	21.7	28.7	26.5	30.8	28.7	31.1	28.2	---	---	---	---
17	24.3	21.4	29.6	27.1	30.9	29.0	31.2	28.8	---	---	---	---
18	25.5	21.9	29.7	27.4	31.3	29.2	31.3	29.1	---	---	---	---
19	25.6	22.9	29.4	27.4	31.6	29.2	30.4	29.4	---	---	---	---
20	25.0	23.4	29.5	27.2	30.4	27.9	30.9	28.8	---	---	---	---
21	25.3	22.9	30.0	27.9	28.1	26.6	31.8	28.9	---	---	---	---
22	25.8	23.3	30.4	28.2	27.6	26.8	31.0	29.5	---	---	---	---
23	25.8	23.9	30.3	28.2	27.4	26.2	32.3	29.4	---	---	---	---
24	25.3	23.3	29.4	28.1	28.1	25.7	31.8	29.8	---	---	---	---
25	24.8	22.4	29.3	27.7	28.1	26.3	31.0	29.6	---	---	---	---
26	24.4	22.8	28.8	27.3	29.9	26.7	31.2	29.5	---	---	---	---
27	25.3	23.1	29.2	27.2	29.0	28.0	31.1	29.7	---	---	---	---
28	26.1	23.1	30.4	27.8	28.9	27.7	31.4	29.9	---	---	---	---
29	26.4	24.0	30.9	28.3	28.0	27.2	32.3	29.8	---	---	---	---
30	26.4	24.6	31.5	28.9	29.1	26.9	31.7	29.8	---	---	---	---
31	---	---	30.7	28.3	---	---	31.6	29.0	---	---	---	---
MONTH	26.5	21.4	31.5	24.0	31.6	25.1	33.2	26.2	---	---	---	---

02299230 MYAKKA RIVER AT NORTH PORT CHARLOTTE, FL—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.4	27.3	27.5	26.0	24.8	23.0	20.6	19.2	20.3	18.3	23.2	21.1
2	29.5	27.5	27.9	26.2	24.3	23.5	20.9	19.4	20.6	18.7	22.3	20.3
3	29.5	27.8	28.0	26.3	23.9	22.7	20.9	19.1	21.5	19.2	20.7	17.4
4	29.3	27.5	28.0	27.0	23.0	21.5	21.1	19.1	21.1	18.0	19.7	17.0
5	29.3	27.6	27.8	25.5	21.9	20.1	21.9	19.5	18.3	15.9	20.6	17.7
6	29.3	27.7	25.5	23.4	22.7	21.0	22.2	19.9	18.9	17.2	20.9	17.3
7	28.3	26.7	24.8	23.0	22.9	21.5	22.7	20.8	20.1	17.9	21.3	18.8
8	27.7	26.0	24.0	22.3	23.9	21.9	23.5	21.0	20.6	18.7	21.1	19.5
9	27.2	25.5	23.3	21.7	24.4	22.6	24.0	21.7	21.4	19.2	20.0	17.5
10	26.7	25.7	23.5	22.0	24.3	23.6	23.6	21.9	21.0	19.0	19.7	16.8
11	26.5	25.1	23.9	22.1	23.9	21.4	23.6	21.6	19.0	17.1	20.0	17.7
12	27.0	24.8	24.5	22.7	21.4	19.9	23.7	21.9	18.8	16.5	20.9	18.0
13	26.8	25.1	25.3	23.4	21.0	18.7	24.2	22.6	19.1	17.0	22.0	18.9
14	27.3	25.3	24.8	23.8	20.7	18.2	23.7	21.3	20.1	17.7	22.5	20.0
15	26.5	24.6	24.1	22.6	18.5	14.7	21.3	19.9	21.3	18.6	23.0	21.0
16	25.8	23.4	23.4	21.8	16.4	13.4	19.9	18.5	22.0	18.9	24.2	21.6
17	25.7	23.6	23.4	21.5	16.5	15.2	18.5	16.8	22.0	19.5	23.3	21.1
18	26.4	24.2	23.6	21.8	17.7	16.1	17.2	14.7	21.9	19.3	22.8	20.2
19	27.0	25.4	23.5	22.4	18.1	16.6	16.6	14.4	21.5	18.8	22.1	19.1
20	27.7	26.3	23.8	22.3	17.3	15.7	16.0	14.2	22.0	19.5	21.6	18.5
21	28.1	26.7	24.1	22.2	16.4	14.3	16.9	14.3	22.9	20.5	22.1	19.5
22	27.7	26.3	24.4	22.3	17.4	15.5	18.0	15.3	24.1	21.8	23.7	21.0
23	26.9	25.4	24.3	22.8	18.4	17.3	18.3	16.0	25.1	22.7	23.1	22.3
24	26.6	24.9	24.8	23.2	18.8	17.9	16.3	13.7	25.1	23.4	23.4	21.9
25	26.8	25.0	24.8	23.7	18.0	16.7	16.9	14.3	24.4	23.5	25.1	22.2
26	26.8	25.3	23.8	21.7	16.8	15.1	17.5	14.7	24.2	22.8	26.3	23.6
27	26.8	24.9	23.1	21.4	16.0	13.1	18.6	15.7	23.5	22.6	26.2	24.4
28	26.6	24.8	24.0	22.0	16.6	14.0	19.1	16.9	23.8	22.0	25.5	24.2
29	26.9	25.0	24.0	21.8	18.1	15.2	19.9	17.7	---	---	25.5	22.8
30	27.3	25.4	24.3	22.1	19.4	16.7	20.8	19.1	---	---	24.6	22.3
31	27.3	25.7	---	---	19.8	18.1	20.6	18.8	---	---	25.6	23.0
MONTH	29.5	23.4	28.0	21.4	24.8	13.1	24.2	13.7	25.1	15.9	26.3	16.8
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	26.4	23.8	26.2	24.6	29.7	25.9	30.2	27.8	31.7	29.4	30.8	29.9
2	25.5	23.6	27.2	24.2	26.7	25.0	29.8	28.8	30.8	29.5	30.9	29.4
3	24.4	22.3	27.5	25.5	26.0	25.2	30.9	28.5	30.9	29.1	31.1	29.2
4	24.6	21.3	26.9	24.9	26.5	25.2	32.0	29.4	31.9	29.3	30.8	29.3
5	25.1	21.7	25.2	24.1	27.0	25.4	32.1	30.0	30.7	29.3	30.2	28.8
6	25.5	22.8	26.2	24.1	28.2	26.0	32.2	30.2	31.3	29.1	30.6	28.4
7	24.9	23.6	26.7	23.8	29.1	27.3	32.4	30.3	31.3	29.0	---	---
8	25.4	23.3	26.9	24.6	29.4	27.5	32.3	30.1	31.0	29.4	---	---
9	25.8	23.7	27.4	25.1	29.0	27.9	30.2	26.7	30.5	29.1	---	---
10	26.4	23.6	27.4	25.6	28.2	26.6	27.6	26.1	31.9	29.2	---	---
11	26.2	23.7	27.4	25.4	27.6	25.8	29.8	27.1	32.0	30.1	---	---
12	26.0	24.0	27.5	25.2	28.7	27.1	30.4	28.3	32.3	30.6	---	---
13	26.2	24.7	27.5	25.2	29.3	27.5	30.4	28.7	31.6	30.4	---	---
14	25.8	23.9	26.7	25.0	29.8	28.0	30.8	28.2	32.3	30.6	---	---
15	24.4	23.0	27.7	25.7	29.9	28.6	30.4	28.4	32.4	30.3	---	---
16	24.3	21.7	28.8	26.5	30.8	28.7	30.8	28.2	32.1	30.8	---	---
17	23.8	21.3	29.3	27.1	30.9	29.1	31.2	28.8	32.5	30.5	---	---
18	25.1	21.9	29.6	27.4	31.3	29.2	31.3	29.1	32.2	30.1	---	---
19	25.4	22.9	29.4	27.3	31.5	29.2	30.4	29.3	32.3	30.1	---	---
20	24.9	23.4	29.5	27.1	30.4	27.9	30.7	28.5	32.7	30.7	---	---
21	25.3	22.9	30.0	27.7	28.1	26.1	31.2	28.8	32.6	30.9	---	---
22	25.8	23.2	30.4	28.2	27.7	26.8	30.9	29.4	31.6	30.7	---	---
23	25.8	23.8	30.2	28.3	27.3	25.8	31.9	29.0	32.4	30.4	---	---
24	25.2	23.3	29.4	28.1	27.8	25.4	31.7	29.8	32.0	30.4	---	---
25	24.9	22.5	29.2	27.8	27.9	26.2	30.9	29.4	31.2	29.7	---	---
26	24.4	22.9	28.8	27.4	29.7	26.7	31.1	29.1	29.7	28.3	---	---
27	25.2	23.3	29.1	27.2	29.0	28.1	31.1	29.6	28.3	27.0	---	---
28	26.1	23.2	30.1	27.8	29.3	27.7	31.4	29.8	29.3	27.3	---	---
29	26.3	24.0	30.7	28.3	28.3	27.5	32.1	29.4	30.2	28.4	---	---
30	26.4	24.7	31.2	28.9	29.0	27.2	31.6	29.7	30.9	29.4	---	---
31	---	---	30.8	28.4	---	---	31.6	28.9	31.4	29.6	---	---
MONTH	26.4	21.3	31.2	23.8	31.5	25.0	32.4	26.1	32.7	27.0	---	---

02299360 SNOVER WATERWAY CANAL NEAR MURDOCK, FL.

LOCATION.--Lat 27° 04'34", long 82° 09'20" (1927 North American datum), in NE$^{1}/_{4}$ sec.24, T.39 S., R.21 E., Sarasota County, Hydrologic Unit 03100102, on left bank, on Toledo Bridge Road, 1.5 mi south of interstate I-75, and 4.6 mi north of Murdock.

DRAINAGE AREA.--24 mi^2, approximately.

PERIOD OF RECORD.--July 1998 to current year (gage heights only). Prior to Oct. 1, 2000, published under latitude/longitude 270434082092000.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 20.73 ft, Sept. 14, 2001; minimum, unknown.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 18.89 ft, June 5; minimum, 16.27 ft, Apr. 24-26.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17.65	16.50	16.43	16.58	16.47	16.73	16.49	16.48	18.12	17.99	17.21	16.95
2	17.54	16.49	16.41	16.56	16.45	16.57	16.50	16.50	18.49	17.86	17.22	17.34
3	17.43	16.47	16.40	16.55	16.44	16.48	16.49	16.51	18.56	17.82	17.21	17.96
4	17.33	16.46	16.39	16.54	16.42	16.45	16.46	16.92	18.69	17.62	17.15	17.78
5	17.30	16.46	16.38	16.53	16.41	16.41	16.45	17.11	18.84	17.43	17.09	17.57
6	17.25	16.45	16.38	16.52	16.40	16.38	16.48	17.18	18.75	17.26	17.11	17.41
7	17.17	16.44	16.38	16.52	16.39	16.36	16.49	17.16	18.58	17.13	17.10	17.24
8	17.07	16.43	16.38	16.52	16.39	16.35	16.53	17.09	18.48	17.03	17.22	17.19
9	17.02	16.41	16.38	16.52	16.40	16.38	16.51	17.01	18.37	18.44	17.80	17.09
10	16.95	16.41	16.39	16.50	16.40	16.47	16.48	16.91	18.31	18.68	17.64	16.96
11	16.94	16.40	16.39	16.50	16.38	16.43	16.45	16.85	18.63	18.62	17.35	16.84
12	17.13	16.39	16.38	16.50	16.37	16.39	16.44	16.84	18.57	18.61	17.20	16.73
13	17.09	16.39	16.37	16.52	16.36	16.37	16.45	16.80	18.57	18.50	17.04	16.64
14	16.99	16.38	16.38	16.69	16.35	16.35	16.44	16.75	18.39	18.44	17.01	16.58
15	16.92	16.38	16.36	16.80	16.35	16.34	16.43	16.71	18.31	18.38	16.93	16.53
16	16.84	16.37	16.36	16.75	16.35	16.34	16.41	16.67	18.27	18.41	16.81	16.48
17	16.79	16.37	16.37	16.70	16.35	16.85	16.39	16.67	18.23	18.31	16.72	16.44
18	16.77	16.36	16.40	16.66	16.33	17.33	16.37	16.73	18.20	18.20	17.22	16.41
19	16.75	16.36	16.40	16.63	16.32	17.21	16.33	16.71	18.11	18.09	17.66	16.38
20	16.72	16.36	16.38	16.62	16.32	17.10	16.32	16.67	18.01	17.99	17.38	16.36
21	16.69	16.35	16.37	16.61	16.31	17.00	16.31	16.64	18.50	17.87	17.13	16.37
22	16.67	16.35	16.37	16.60	16.31	16.91	16.30	16.61	18.38	17.69	17.02	16.38
23	16.64	16.35	16.38	16.58	16.31	16.85	16.29	16.59	18.39	17.56	17.00	16.39
24	16.62	16.34	16.39	16.55	16.30	16.81	16.28	16.57	18.33	17.44	16.95	16.38
25	16.57	16.38	16.57	16.54	16.31	16.76	16.28	16.55	18.26	17.40	16.91	16.35
26	16.55	16.37	16.98	16.53	16.32	16.72	16.28	16.60	18.16	17.30	16.97	16.33
27	16.55	16.37	16.87	16.53	16.82	16.67	16.51	16.82	18.08	17.20	16.97	16.32
28	16.54	16.51	16.75	16.53	16.96	16.63	16.54	16.77	18.10	17.18	17.08	16.31
29	16.54	16.49	16.68	16.52	---	16.58	16.49	16.70	18.20	17.12	17.01	16.31
30	16.53	16.46	16.64	16.51	---	16.54	16.44	16.65	18.11	17.06	16.95	16.33
31	16.51	---	16.60	16.49	---	16.51	---	16.94	---	17.19	16.89	---
MEAN	16.91	16.41	16.46	16.57	16.40	16.62	16.42	16.76	18.37	17.80	17.13	16.75
MAX	17.65	16.51	16.98	16.80	16.96	17.33	16.54	17.18	18.84	18.68	17.80	17.96
MIN	16.51	16.34	16.36	16.49	16.30	16.34	16.28	16.48	18.01	17.03	16.72	16.31

02299410 BIG SLOUGH CANAL NEAR MYAKKA CITY, FL.

LOCATION.--Lat 27° 11'35", long 82° 08'40" (1927 North American datum), in SW$^{1}/_{4}$ sec.6, T.38 S., R.22 E., Sarasota County, Hydrologic Unit 03100102, near center of span on upstream side of bridge on State Highway 72, 0.6 mi upstream from Mud Lake Slough, and 11 mi south of Myakka City.

DRAINAGE AREA.--36.5 mi^2.

PERIOD OF RECORD.--September 1962 to September 1966 (annual maximum); October 1980 to current year.

GAGE.--Water-stage recorder. Datum of gage is 2.28 ft above National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark). Prior to September 1966, nonrecording gage at same site at datum 24.34 ft higher.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Prior to September 1966, flow included from Mud Lake Slough. WDR 1992 through WDR 2002 period of record gage height at present datum.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	256	1.8	0.62	13	6.6	125	9.3	0.62	119	120	194	20
2	200	e1.0	0.44	10	6.2	111	9.0	0.65	252	104	133	49
3	154	e0.30	0.45	8.6	6.2	75	9.5	0.89	307	84	75	51
4	111	e0.70	0.43	7.3	5.1	54	8.1	8.2	355	64	44	31
5	79	0.66	0.34	6.4	4.3	43	5.5	31	391	53	34	22
6	58	0.57	0.31	6.6	3.7	34	3.7	34	382	38	36	15
7	45	0.47	0.42	6.2	3.5	28	2.9	26	373	28	30	9.6
8	35	0.40	0.57	6.6	3.3	25	3.6	14	344	23	31	8.1
9	29	0.38	0.44	6.9	3.2	29	3.4	5.3	292	164	35	7.6
10	25	0.36	0.49	5.5	3.5	48	2.7	2.1	237	276	30	7.1
11	23	0.34	0.49	4.1	2.7	51	1.6	4.3	325	337	21	7.0
12	e40	0.33	0.37	4.8	3.2	41	1.1	60	342	365	11	6.9
13	e50	0.32	0.29	5.0	5.3	30	0.96	69	353	403	6.0	6.6
14	41	0.32	0.25	24	4.5	24	0.87	49	346	375	4.9	e5.9
15	33	0.30	0.24	63	3.1	19	0.81	25	388	361	2.6	e5.4
16	27	0.29	0.21	74	2.5	14	0.78	11	303	362	1.4	e5.1
17	22	0.28	0.40	56	3.0	94	0.72	6.5	210	359	1.1	e4.8
18	18	0.28	0.38	40	2.5	181	0.68	7.5	150	321	54	e4.7
19	13	0.28	0.35	31	2.1	236	0.67	4.2	101	242	46	e4.5
20	10	0.27	0.30	28	2.1	232	0.67	1.8	72	178	30	e5.0
21	8.4	0.27	0.24	26	2.1	192	0.65	0.81	151	127	23	e5.3
22	7.0	0.26	0.33	23	2.0	146	0.65	0.51	162	88	25	e5.4
23	5.8	0.26	0.52	21	2.0	102	0.65	0.47	175	65	19	e5.6
24	5.0	0.26	0.45	18	2.0	76	0.60	0.43	178	48	12	e4.7
25	4.1	0.26	9.6	20	2.0	59	0.60	0.42	155	49	e7.5	e3.0
26	3.3	0.39	48	23	2.1	46	0.57	0.44	121	81	e7.1	e1.8
27	2.7	0.86	69	18	34	37	0.79	0.41	89	112	e4.8	e0.90
28	2.3	1.0	51	16	89	30	2.1	0.38	80	136	e14	3.3
29	2.3	0.73	31	13	---	24	2.1	0.36	78	176	e14	5.3
30	2.2	0.69	24	11	---	19	0.89	0.36	116	219	e9.4	4.9
31	2.1	---	18	8.8	---	13	---	2.1	---	244	e7.5	---
TOTAL	1,314.2	14.63	259.93	604.8	211.8	2,238	76.16	367.75	6,947	5,602	963.3	316.50
MEAN	42.4	0.49	8.38	19.5	7.56	72.2	2.54	11.9	232	181	31.1	10.6
MAX	256	1.8	69	74	89	236	9.5	69	391	403	194	51
MIN	2.1	0.26	0.21	4.1	2.0	13	0.57	0.36	72	23	1.1	0.90
AC-FT	2,610	29	516	1,200	420	4,440	151	729	13,780	11,110	1,910	628

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2005, BY WATER YEAR (WY)

MEAN	34.2	14.7	17.7	16.3	18.8	33.4	12.9	5.60	88.0	67.5	98.8	93.6
MAX	204	119	195	125	143	236	90.4	27.3	668	240	521	260
(WY)	(1996)	(1998)	(1998)	(1998)	(1998)	(1998)	(1993)	(1991)	(2003)	(2001)	(2004)	(2001)
MIN	0.80	0.35	0.22	0.03	0.37	0.49	0.26	0.01	0.05	0.85	6.24	2.23
(WY)	(1985)	(1981)	(1992)	(1981)	(2001)	(1981)	(1981)	(2000)	(1998)	(1993)	(1993)	(1996)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1981 - 2005	
ANNUAL TOTAL	27,917.68		18,916.07			
ANNUAL MEAN	76.3		51.8		41.8	
HIGHEST ANNUAL MEAN					108	2003
LOWEST ANNUAL MEAN					5.26	1985
HIGHEST DAILY MEAN	1,780	Aug 16	403	Jul 13	7,300	Jun 27, 1992
LOWEST DAILY MEAN	0.17	May 12	0.21	Dec 16	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.18	May 9	0.27	Nov 19	0.00	Dec 26, 1980
MAXIMUM PEAK FLOW			438	Jun 15	8,600	Jun 27, 1992
MAXIMUM PEAK STAGE			30.15	Jun 15	*33.73	Sep 21, 1962
ANNUAL RUNOFF (AC-FT)	55,370		37,520		30,310	
10 PERCENT EXCEEDS	242		178		105	
50 PERCENT EXCEEDS	5.1		8.6		6.9	
90 PERCENT EXCEEDS	0.30		0.41		0.39	

e Estimated
*Present Datum

02299410 BIG SLOUGH CANAL NEAR MYAKKA CITY, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--March 1993 to September 2005 (discontinued).

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15--minute-interval, mounted on antenna mast with the top of funnel 4 ft above bridge deck.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2001 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	2.54	0.04	0.00	0.46
2	0.00	---	0.00	0.00	0.00	0.00	0.36	0.00	1.24	0.00	0.00	0.27
3	0.00	---	0.00	0.00	0.00	0.07	0.00	0.82	0.52	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.26	0.82	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.04	0.00	0.00	0.01
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	0.00	0.03
8	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	1.08	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.00	0.02	1.48	0.00	0.00
10	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.70	0.56	0.01	0.00
11	---	0.00	0.00	0.00	0.00	0.00	0.00	0.95	0.76	0.23	0.00	0.00
12	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.65	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.01	0.00	0.00
14	0.00	0.00	0.00	1.44	0.00	0.00	0.00	0.00	1.18	0.01	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.05	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.13	0.00	0.00	2.01	0.00	0.02	0.00	0.00	1.01	0.00
18	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.61	0.00	0.00	0.01
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.16	0.17
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.03
23	0.00	0.00	0.03	0.00	0.00	0.10	0.00	0.00	0.11	0.00	0.00	0.00
24	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.06	0.00
25	0.00	0.00	1.96	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.18	0.00
26	0.00	0.00	0.04	0.00	0.02	0.00	0.08	0.88	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	2.19	0.00	0.93	0.00	0.00	0.00	0.20	0.08
28	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.10	0.00	0.00	0.02
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.12	0.00	0.00	0.06
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.26	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	1.18	---	0.00	0.04	---
TOTAL	---	---	2.44	1.46	2.36	3.16	1.89	4.51	10.00	4.11	1.66	1.14

02299450 BIG SLOUGH AT TROPICAIRE BOULEVARD NEAR PORT CHARLOTTE, FL.

LOCATION.--Lat 27° 07'15", long 82° 11'37" (1927 North American datum), in SE$^{1}/_{4}$ sec.34, T.38 S., R.21 E., Sarasota County, Hydrologic Unit 03100102, on upstream side of bridge on Tropicaire Boulevard, 4.0 mi north of North Port Charlotte, and 6.0 mi upstream from mouth.

DRAINAGE AREA.--81 mi^2.

PERIOD OF RECORD.--June 2001 to current year.

GAGE.--Water-stage recorder. Datum of gage has not been determined.

REMARKS.--Records fair.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	291	7.7	4.5	19	13	132	25	8.1	176	124	286	35
2	269	6.7	3.8	16	11	140	24	7.8	326	113	283	68
3	224	5.8	3.4	14	11	102	24	8.0	431	96	231	74
4	166	5.2	3.2	12	10	69	25	19	569	73	157	59
5	120	4.9	2.9	11	9.6	53	23	39	830	59	120	47
6	96	4.5	2.7	10	8.7	41	18	49	811	48	118	37
7	81	4.1	2.6	10	8.2	32	15	43	654	41	103	30
8	70	3.7	3.0	9.7	8.0	24	16	29	505	36	110	27
9	63	3.5	3.0	9.9	7.6	27	15	18	390	189	143	23
10	56	3.3	3.3	9.6	8.1	46	13	11	315	289	124	20
11	55	3.0	4.1	8.4	7.8	57	12	7.7	392	308	97	17
12	70	2.8	4.0	7.9	7.0	49	9.9	38	473	327	82	14
13	82	2.7	3.5	8.8	8.1	35	9.0	70	581	342	69	13
14	80	2.5	3.1	24	9.5	25	7.6	69	488	370	67	11
15	67	2.4	2.7	69	9.1	18	6.5	46	417	356	61	9.6
16	57	2.2	2.4	98	7.8	13	5.7	34	407	320	54	8.1
17	48	2.1	3.8	84	7.6	62	4.9	25	325	285	48	7.0
18	41	2.0	6.8	60	8.1	167	4.3	26	248	271	88	6.3
19	35	1.9	6.1	44	7.1	193	3.9	19	168	264	91	5.7
20	30	1.8	5.3	35	6.2	217	3.5	13	101	238	73	5.6
21	26	1.7	4.2	32	6.2	217	3.2	9.2	159	177	61	5.9
22	23	1.6	3.7	29	6.2	181	2.9	6.9	158	120	63	6.1
23	20	1.6	4.8	25	5.8	130	2.6	5.2	194	118	57	6.3
24	18	1.5	6.3	21	5.4	99	2.3	3.9	193	86	50	5.8
25	15	1.7	16	20	5.5	81	2.0	2.9	168	75	44	5.0
26	13	2.5	56	23	5.9	67	1.8	3.8	134	87	43	3.8
27	12	3.5	87	22	36	57	7.2	6.9	99	122	40	3.6
28	10	5.4	86	19	93	49	7.5	4.1	89	147	46	5.0
29	9.6	4.8	52	18	---	42	10	2.2	101	178	43	8.0
30	9.0	4.8	34	16	---	35	9.1	1.3	125	213	36	12
31	8.3	---	24	15	---	30	---	7.5	---	262	29	---
TOTAL	2,164.9	101.9	448.2	800.3	337.5	2,490	313.9	633.5	10,027	5,734	2,917	578.8
MEAN	69.8	3.40	14.5	25.8	12.1	80.3	10.5	20.4	334	185	94.1	19.3
MAX	291	7.7	87	98	93	217	25	70	830	370	286	74
MIN	8.3	1.5	2.4	7.9	5.4	13	1.8	1.3	89	36	29	3.6
MED	55	2.9	4.0	19	8.0	57	8.3	11	320	177	69	10
CFSM	0.86	0.04	0.18	0.32	0.15	0.99	0.13	0.25	4.13	2.28	1.16	0.24
IN.	0.99	0.05	0.21	0.37	0.15	1.14	0.14	0.29	4.60	2.63	1.34	0.27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2005, BY WATER YEAR (WY)

MEAN	44.9	18.0	32.4	19.1	24.8	31.8	7.00	15.1	267	218	352	213
MAX	69.8	60.0	85.2	32.4	51.6	80.3	13.9	36.4	662	354	733	330
(WY)	(2005)	(2003)	(2003)	(2003)	(2004)	(2005)	(2003)	(2003)	(2003)	(2001)	(2004)	(2001)
MIN	32.6	3.40	1.97	4.89	11.7	9.76	1.62	0.73	24.0	159	94.1	19.3
(WY)	(2003)	(2005)	(2002)	(2002)	(2003)	(2002)	(2002)	(2002)	(2004)	(2004)	(2005)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2001 - 2005	
ANNUAL TOTAL	43,639.02		26,547.0			
ANNUAL MEAN	119		72.7		102	
HIGHEST ANNUAL MEAN					143	2003
LOWEST ANNUAL MEAN					72.7	2005
HIGHEST DAILY MEAN	1,970	Aug 16	830	Jun 5	4,480	Jun 23, 2003
LOWEST DAILY MEAN	0.00	Many days	1.3	May 30	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.02	May 31	1.7	Nov 19	0.02	May 31, 2004
MAXIMUM PEAK FLOW			874	Jun 5	4,950	Jun 23, 2003
MAXIMUM PEAK STAGE			24.03	Jun 5	27.05	Jun 23, 2003
ANNUAL RUNOFF (CFSM)	1.47		0.898		1.26	
ANNUAL RUNOFF (INCHES)	20.04		12.19		17.12	
10 PERCENT EXCEEDS	352		217		270	
50 PERCENT EXCEEDS	14		24		19	
90 PERCENT EXCEEDS	1.5		3.4		1.8	

02299450 BIG SLOUGH AT TROPICAIRE BOULEVARD NEAR PORT CHARLOTTE, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--June 21, 2001 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15-minute interval, mounted on gage house with the top of funnel 4 ft above the shelter.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather service.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	3.53	0.02	0.40	1.62
2	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	1.29	0.51	0.49	0.55
3	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.43	0.73	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.60	1.18	0.00	0.00	0.00
5	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.04	0.09	0.00	0.34	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.10	0.06
8	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	1.45	1.17	0.00
9	0.00	0.03	0.00	0.00	0.00	0.83	0.00	0.00	0.11	2.01	0.55	0.00
10	0.00	0.00	0.06	0.00	0.03	0.00	0.00	0.00	0.89	0.59	0.00	0.00
11	1.17	0.00	0.01	0.00	0.00	0.00	0.00	0.53	1.25	0.66	0.14	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.14	0.06	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.13	0.00	0.00
14	0.00	0.00	0.09	1.34	0.00	0.00	0.00	0.01	0.31	0.47	0.30	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.36	0.00	0.00
16	0.00	0.00	0.00	0.03	0.00	0.03	0.00	1.31	0.00	0.00	0.00	0.00
17	0.00	0.00	0.17	0.00	0.00	2.81	0.00	0.50	0.00	0.00	0.68	0.00
18	0.00	0.00	0.06	0.00	0.00	0.01	0.00	0.02	0.00	0.00	0.02	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00
20	0.00	0.00	0.00	0.04	0.00	0.01	0.00	0.00	1.54	0.00	0.00	0.07
21	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.10	0.00	0.30	0.36
22	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.62	0.27	0.00	0.14
23	0.00	0.00	0.06	0.00	0.00	0.22	0.00	0.00	0.05	0.00	0.00	0.01
24	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00
25	0.00	0.25	2.36	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.31	0.00
26	0.00	0.00	0.01	0.00	0.12	0.00	0.07	0.57	0.00	0.42	0.05	0.00
27	0.00	0.63	0.00	0.00	2.95	0.00	1.26	0.00	0.55	0.21	0.48	0.26
28	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.73	0.13	0.00	0.17
29	0.01	0.00	0.00	0.00	---	0.00	0.00	0.00	0.13	0.07	0.00	0.24
30	0.01	0.00	0.00	0.00	---	0.00	0.00	0.00	0.05	0.05	0.04	0.25
31	0.00	---	0.00	0.00	---	0.00	---	1.55	---	0.01	0.00	---
TOTAL	1.19	0.96	2.99	1.42	3.30	4.17	2.45	6.16	14.31	7.98	5.40	3.73

CAL YR 2004 TOTAL 52.07
WTR YR 2005 TOTAL 54.06

02299484 BIG SLOUGH AT WCS-101 AT NORTH PORT, FL.

LOCATION.--Lat 27° 02'48", long 82° 14'17" (1927 North American datum), in NE$^{1}/_{4}$ sec.31, T.39 S., R.21 E., Sarasota County, Hydrologic Unit 03100102, on left bank, 200 ft upstream from control structure 101 in North Port, 800 ft upstream from mouth of Cocoplum Waterway, 0.2 mi north of U. S. Highway 41, and 2.8 mi upstream from mouth.

DRAINAGE AREA.--90 mi^2, approximately.

PERIOD OF RECORD.--June 1993 to current year (gage heights only), incomplete.

GAGE.--Water-stage recorder. Datum of gage is 15.60 ft below National Geodetic Vertical Datum of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 22.77 ft, June 23, 2003; minimum, 18.34 ft, Apr. 17, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 21.25 ft, June 5; minimum, 19.63 ft, Nov. 24.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.42	19.89	19.84	20.06	19.93	20.34	20.07	19.93	20.65	20.09	20.33	20.15
2	20.67	19.87	19.81	20.04	19.91	20.39	20.07	19.97	20.77	20.23	20.36	20.35
3	20.61	19.85	19.79	20.02	19.90	20.33	20.06	19.86	20.74	20.20	20.16	20.35
4	20.50	19.84	19.78	20.00	19.90	20.24	20.07	19.99	20.91	20.10	20.23	20.27
5	20.41	19.80	19.77	19.98	19.89	20.20	20.07	20.14	21.15	20.01	20.50	20.23
6	20.32	19.84	19.77	19.95	19.87	20.16	20.02	20.16	21.11	20.11	---	20.17
7	20.29	19.78	19.78	19.95	19.85	20.13	19.99	20.15	20.94	20.26	---	20.14
8	20.26	19.80	19.78	19.94	19.84	20.10	20.01	20.11	20.79	20.27	---	20.12
9	20.24	19.79	19.79	19.94	19.83	20.11	19.98	20.05	20.62	20.80	---	20.09
10	20.21	19.76	19.80	19.93	19.83	20.18	19.95	19.99	20.54	20.76	---	20.05
11	20.23	19.75	19.82	19.92	19.84	20.19	19.93	19.93	20.85	20.65	20.41	20.02
12	20.30	19.75	19.82	19.89	19.82	20.18	19.89	20.07	20.77	20.72	20.41	19.98
13	20.29	19.77	19.81	19.89	19.82	20.14	19.88	20.22	20.88	20.65	20.27	19.97
14	20.29	19.73	19.80	20.04	19.84	20.10	19.88	20.23	20.77	20.68	20.28	19.97
15	20.26	19.71	19.80	20.23	19.85	20.07	19.85	20.16	20.69	20.54	20.27	19.90
16	20.21	19.71	19.76	20.33	19.82	20.05	19.83	20.10	20.68	20.40	20.25	19.90
17	20.19	19.70	19.78	20.31	19.81	20.30	19.81	20.07	20.49	20.31	20.20	19.88
18	20.16	19.72	19.89	20.22	19.82	20.19	19.78	20.08	20.24	20.24	20.36	19.86
19	20.14	19.72	19.89	20.13	19.80	20.23	19.79	20.05	20.05	20.28	20.38	19.84
20	20.12	19.70	19.88	20.10	19.78	20.21	19.80	19.99	20.05	20.25	20.30	19.95
21	20.11	19.69	19.85	20.09	19.78	20.21	19.79	19.93	20.42	20.17	20.26	19.81
22	20.10	19.78	19.84	20.08	19.79	20.27	19.77	19.88	20.24	20.29	20.34	19.83
23	20.05	19.80	19.85	20.06	19.78	20.12	19.78	19.83	20.41	20.19	20.21	19.79
24	20.02	19.69	19.88	20.04	19.77	20.22	19.75	19.78	20.29	20.12	20.22	19.79
25	20.00	19.70	20.03	20.01	19.78	20.27	19.77	19.77	20.08	20.27	20.30	19.82
26	19.97	19.69	20.27	20.03	19.79	20.23	19.76	19.78	19.98	20.37	20.16	19.82
27	19.94	19.77	20.27	20.04	20.19	20.20	19.96	19.90	20.10	20.24	20.17	19.79
28	19.92	19.94	20.28	20.02	20.30	20.16	19.93	19.83	20.06	20.20	20.22	19.85
29	19.91	19.89	20.19	20.00	---	20.13	19.89	19.80	20.09	20.19	20.22	19.90
30	19.91	19.87	20.12	19.98	---	20.13	19.89	19.76	20.08	20.13	20.13	19.94
31	19.90	---	20.08	19.97	---	20.09	---	20.00	---	20.15	20.12	---
MEAN	20.19	19.78	19.90	20.04	19.86	20.19	19.90	19.98	20.51	20.32	---	19.98
MAX	20.67	19.94	20.28	20.33	20.30	20.39	20.07	20.23	21.15	20.80	---	20.35
MIN	19.90	19.69	19.76	19.89	19.77	20.05	19.75	19.76	19.98	20.01	---	19.79

02299484 BIG SLOUGH AT WCS-101 AT NORTH PORT, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--October 2, 1993 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15--minute-interval, mounted on pipe attached to dock 2 ft upstream from gage with the top of funnel 8 ft above the water.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2002 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	3.23	0.00	0.05	0.35
2	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	1.13	0.47	0.00	0.05
3	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.74	0.00	0.00	0.00
4	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.83	1.62	0.00	0.00	0.00
5	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.03	1.73	0.00	0.00	0.11
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.20	0.00	---	0.33
8	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	1.18	2.53	0.00
9	0.00	0.00	0.00	0.00	0.00	0.81	0.00	0.00	0.01	2.06	---	0.00
10	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.92	0.38	---	0.00
11	1.75	0.00	0.00	0.00	0.00	0.00	0.00	0.10	1.41	0.07	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.10	0.01	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.02	0.28	0.00
14	0.00	0.06	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.36	0.57	0.00	0.00
16	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00
17	0.00	0.00	0.13	0.00	0.00	2.50	0.00	0.01	0.00	0.00	0.80	0.00
18	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.68	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.01
20	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.00	1.51	0.53	0.00	0.19
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.73	0.01	0.68
22	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.15	0.88	0.04	0.17
23	0.00	0.00	0.10	0.00	0.00	0.12	0.00	0.00	0.06	0.00	1.27	0.00
24	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
25	0.00	0.32	2.08	0.00	0.15	0.00	0.00	0.04	0.00	0.00	0.20	0.00
26	0.00	0.00	0.00	0.00	0.12	0.00	0.07	0.13	0.00	0.75	0.04	0.00
27	0.00	1.31	0.00	0.00	3.02	0.00	1.43	0.00	0.60	0.01	0.64	0.64
28	0.00	0.01	0.00	0.00	0.00	0.06	0.00	0.00	0.71	0.00	0.01	4.13
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.49	0.33	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.03	0.11	0.05	0.46
31	0.00	---	0.00	0.00	---	0.00	---	1.19	---	0.00	0.00	---
TOTAL	1.79	1.80	2.57	1.07	3.30	3.64	2.88	3.22	15.68	8.43	---	7.12

CAL YR 2004 TOTAL 48.20

02299496 MYAKKA RIVER AT EL JOBEAN PORT, FL.

LOCATION.--Lat 26° 57'28", long 82° 12'46" (1927 North American datum), in NE$^{1}/_{4}$ sec.33, T.40 S., R.21 E., Charlotte County, Hydrologic Unit 03100102, on downstream side of fishing pier, approximately 100 ft upstream from State Highway 771 south bound bridge over the Myakka River at El Jobean, 0.5 mi south of El Jobean, and 2.6 mi upstream from mouth.

DRAINAGE AREA.--580 mi^2.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--August 2002 to September 2005 (tidal high-high and low-low only), discontinued.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Interruptions in record were due to days in which tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 4.37 ft, Sept. 6, 2004; minimum, 2.61 ft below NGVD of 1929, Dec. 15, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.58 ft, July 10; minimum, 2.61 ft below NGVD of 1929, Dec. 15.

GAGE HEIGHT, FEET
PERIOD AUGUST TO SEPTEMBER 2002

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.80	-0.36		
2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.64	-0.24		
3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.55	-0.12		
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.67	-0.13		
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.73	0.27		
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.67	0.06		
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.40	-0.07		
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.93	-0.13		
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.84	-0.27		
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.90	-0.19		
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.05	-0.22		
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.26	0.26		
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.00	-0.23		
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.94	-0.27		
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.76	-0.26			1.69	-0.49		
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.51	-0.55			1.71	-0.55		
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.80	-0.63			1.75	-0.52		
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.79	-0.59			1.83	-0.46		
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.97	-0.59			2.04	-0.23		
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.07	-0.49			2.47	0.36		
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.07	-0.46			2.36	0.46		
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.93	-0.46			2.21	0.45		
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.85	-0.30			2.19	0.58		
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.90	-0.06			2.19	0.27		
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.80	-0.09			2.31	0.59		
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.77	0.20			2.60	1.38		
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.78	0.27			2.39	0.19		
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.71	0.11			1.87	-0.20		
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.76	0.09			---	-0.57		
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.72	-0.15			1.55	-0.52		
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.84	-0.19			---	---		
MAX	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.38		
MIN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	-0.57		

02299496 MYAKKA RIVER AT EL JOBEAN PORT, FL.---Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	1.79		-0.32		1.49		-0.37		1.40		-0.69		2.99		-0.33		1.25		-1.37		1.57		-0.77	
2	2.48		0.04		1.27		-0.46		0.99		-1.35		2.02		-0.96		0.93		-1.42		1.71		-0.43	
3	2.21		-0.07		1.68		-0.27		1.27		-1.40		2.11		-1.10		1.24		-1.11		1.47		-0.70	
4	2.09		-0.04		2.11		-0.27		1.36		-1.33		1.33		-1.66		1.41		-0.55		1.58		-0.17	
5	2.04		-0.14		2.43		-0.09		1.93		-1.00		1.41		-1.26		0.95		-1.11		1.41		-0.18	
6	1.73		-0.28		2.81		0.21		1.98		-1.11		1.20		-1.22		0.70		-0.89		1.42		0.11	
7	1.95		-0.27		1.09		-1.45		0.67		-1.65		0.56		-1.69		0.85		-0.42		1.51		-0.32	
8	2.11		-0.32		1.20		-1.08		0.61		-1.50		0.85		-0.93		0.40		-0.93		1.31		-0.49	
9	2.17		-0.42		---		-0.59		1.27		-1.00		1.24		-0.34		0.99		-0.93		1.52		-0.54	
10	1.98		-0.39		2.15		-0.15		1.86		0.03		1.38		-0.04		0.78		-0.73		1.35		-0.34	
11	2.09		-0.37		1.74		-0.11		1.37		-0.45		1.15		-0.21		0.81		-1.43		1.50		-0.84	
12	2.07		-0.30		1.41		-0.23		1.25		-0.69		0.81		-1.15		0.21		-1.29		1.24		-0.69	
13	1.73		-0.19		---		-1.08		1.96		0.67		0.80		-1.06		0.73		-1.65		0.97		-1.11	
14	1.66		-0.09		0.65		-0.52		0.86		-0.22		1.07		-1.54		---		-1.68		0.86		-1.07	
15	2.19		0.75		1.51		0.06		0.87		-0.97		---		-1.35		1.64		-0.94		1.00		-1.01	
16	2.29		0.12		2.52		0.59		0.47		-1.11		1.12		-1.47		1.60		-0.80		1.63		-0.57	
17	1.56		-0.22		2.14		0.47		1.08		-1.27		-0.03		-1.36		1.78		-0.89		2.40		0.09	
18	1.26		-0.30		0.19		-1.80		1.69		-1.12		0.81		-1.70		1.27		-1.09		2.14		-0.06	
19	1.66		-0.06		0.68		-1.49		1.60		-1.06		1.28		-1.56		1.03		-0.89		2.09		0.03	
20	1.85		-0.02		0.99		-1.45		2.22		-0.59		1.40		-1.51		1.00		-0.72		2.16		0.05	
21	2.01		0.14		1.10		-0.90		1.09		-1.81		1.31		-1.11		1.68		-0.55		2.19		1.08	
22	2.11		-0.11		1.94		-0.93		1.57		-1.36		1.47		-0.76		2.43		-0.09		1.83		-0.40	
23	1.88		-0.29		1.05		-1.57		1.26		-1.24		1.28		-0.85		0.93		-0.14		---		---	
24	1.98		-0.33		1.08		-1.23		1.78		0.11		-0.31		-2.05		1.03		-1.11		---		---	
25	1.98		-0.41		1.38		-0.99		2.11		-0.72		0.77		-1.77		1.09		-1.39		---		---	
26	1.75		-0.49		0.67		-1.28		0.59		-1.20		0.49		-1.52		1.45		-1.42		---		---	
27	1.59		-0.52		0.68		-1.15		0.62		-0.97		0.59		-1.81		1.68		-0.80		---		---	
28	1.58		-0.26		0.54		-1.08		0.79		-1.17		1.06		-2.02		0.83		-0.88		---		---	
29	---		0.01		-0.24		-1.12		1.26		-1.31		1.49		-1.66		---		---		---		---	
30	2.13		0.22		1.08		-0.41		0.83		-1.30		0.68		-1.41		---		---		---		---	
31	1.75		-0.24		---		---		1.94		-0.70		1.58		-1.39		---		---		---		---	
MAX	---		0.75		---		0.59		2.22		0.67		---		-0.04		---		-0.09		---		---	
MIN	---		-0.52		---		-1.80		0.47		-1.81		---		-2.05		---		-1.68		---		---	
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	---		---		2.14		-0.25		1.55		-0.88		2.43		0.90		1.99		0.13		1.90		-0.20	
2	---		---		1.75		-0.52		1.62		0.83		2.40		-0.51		1.73		-0.49		2.04		-0.34	
3	1.20		-0.76		1.80		-0.68		2.11		-0.88		2.03		-0.36		1.60		-0.34		2.17		-0.29	
4	1.77		-0.38		1.83		0.73		2.03		-0.36		1.97		-0.53		1.73		-0.09		2.08		-0.39	
5	1.71		0.33		2.14		-0.59		1.61		-0.48		1.34		-0.69		1.82		-0.37		2.90		0.96	
6	1.83		-0.57		2.07		-0.21		1.63		-0.62		1.49		-0.61		1.89		-0.55		2.38		0.12	
7	1.91		-0.29		1.84		-0.20		1.41		-0.36		1.59		-0.03		2.07		-0.57		2.43		-0.23	
8	2.07		-0.36		1.64		-0.36		1.30		-0.19		1.63		-0.49		2.36		-0.44		2.28		-0.45	
9	1.66		-0.09		1.26		-0.52		1.40		-0.26		1.65		-0.84		2.64		-0.20		2.03		-0.58	
10	1.22		0.10		1.40		-0.46		1.41		-0.52		1.99		-0.89		2.43		-0.45		1.84		-0.35	
11	1.15		-0.35		1.42		-0.31		1.65		-0.58		2.20		-0.66		2.10		-0.68		1.69		-0.34	
12	1.50		-0.74		1.24		-0.38		1.97		-0.63		2.22		-0.84		2.18		-0.60		1.83		-0.17	
13	1.22		-0.48		1.21		-0.56		1.99		-0.76		2.39		-0.63		1.66		-1.05		2.05		0.04	
14	1.38		-0.68		1.54		-0.62		1.94		-0.85		2.46		-0.67		1.18		-0.57		1.76		-0.20	
15	1.25		-0.61		1.91		-0.75		2.04		-0.78		2.27		0.69		1.70		0.05		1.89		-0.22	
16	---		---		1.84		-0.91		1.86		0.78		2.05		-0.59		1.80		-0.32		1.69		-0.24	
17	1.95		-0.48		1.98		0.70		1.84		-0.93		1.84		-0.70		1.78		0.11		1.42		-0.26	
18	1.97		-0.68		2.08		-0.91		2.21		-0.59		2.00		-0.39		1.67		0.00		1.67		-0.16	
19	2.03		0.40		2.07		-0.69		1.67		-0.03		1.43		-0.19		1.86		-0.08		1.89		-0.18	
20	1.97		-0.69		1.67		-0.66		1.43		-0.33		1.44		-0.07		1.65		0.04		1.63		-0.32	
21	1.95		-0.77		1.44		-1.05		1.38		-0.18		1.34		-0.12		1.65		-0.17		2.03		-0.21	
22	1.53		-0.62		1.37		-0.68		1.78		0.00		1.66		-0.24		1.44		-0.33		2.47		0.08	
23	1.00		-0.71		1.32		-0.11		1.65		-0.05		1.86		-0.05		2.03		-0.42		2.35		-0.13	
24	1.58		-0.81		1.37		-0.08		1.70		-0.26		1.84		-0.40		2.05		-0.55		2.29		-0.03	
25	2.26		0.07		1.12		-0.22		1.76		-0.52		1.18		-0.72		2.11		-0.64		2.43		0.40	
26	1.81		0.20		1.35		-0.39		1.90		-0.61		1.72		-1.04		2.14		-0.61		2.51		0.56	
27	2.05		0.16		1.35		-0.47		2.00		-0.43		1.79		-0.95		2.38		-0.38		2.29		0.36	
28	1.46		-0.12		1.44		-0.59		2.68		-0.19		2.05		-0.89		2.13		-0.33		2.31		0.07	
29	1.58		-0.26		1.43		-0.60		2.06		-0.45		2.18		-0.66		2.26		0.04		2.67		0.29	
30	1.90		-0.14		1.57		-0.75		2.34		-0.46		2.10		-0.70		2.01		0.13		2.53		-0.31	
31	---		---		1.73		-0.70		---		---		2.02		-0.69		1.83		-0.07		---		---	
MAX	---		---		2.14		0.73		2.68		0.83		2.46		0.90		2.64		0.13		2.90		0.96	
MIN	---		---		1.12		-1.05		1.30		-0.93		1.18		-1.04		1.18		-1.05		1.42		-0.58	

02299496 MYAKKA RIVER AT EL JOBEAN PORT, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	1.82		-0.69		1.39		-0.66		0.65		-0.53		1.30		-0.40		1.25		-0.53		1.27		-0.59	
2	1.78		-0.56		1.35		-0.40		0.52		-0.61		1.39		-0.65		1.20		-0.90		1.02		-0.70	
3	1.90		-0.29		2.03		0.19		1.49		-0.68		1.03		-0.67		0.74		-1.00		0.83		-0.90	
4	2.13		-0.20		2.08		0.29		1.22		-0.23		---		-0.60		1.37		-1.11		1.59		-0.57	
5	2.00		-0.39		1.93		0.42		1.91		-0.20		1.90		-0.56		1.70		-0.73		1.90		-0.41	
6	2.16		-0.04		1.92		0.20		1.42		-1.06		1.87		-0.69		1.83		-0.53		1.97		-0.25	
7	2.34		0.35		1.92		0.05		0.60		-1.26		---		-1.62		2.03		-0.53		1.49		-0.61	
8	2.10		0.21		2.02		-0.28		1.36		-0.83		---		---		0.51		-1.50		1.20		-0.94	
9	1.93		0.10		1.82		-0.63		1.57		-0.79		---		---		0.86		-0.81		1.07		-0.62	
10	1.93		-0.03		0.97		-1.01		1.98		-0.23		2.36		-0.68		1.24		-0.42		1.14		-0.27	
11	1.95		0.04		1.65		-0.64		1.99		-0.61		0.50		-1.37		1.27		-0.37		1.23		-1.00	
12	2.29		0.04		1.86		-0.38		1.65		-0.59		0.83		-0.72		1.50		-0.48		1.68		-0.80	
13	2.11		-0.14		2.20		-0.25		1.47		-0.40		1.11		-0.45		1.41		-0.60		1.51		-0.73	
14	2.13		0.05		1.47		-0.63		2.08		0.33		1.35		-0.28		2.18		-0.63		1.65		-1.03	
15	2.06		-0.36		---		-0.25		0.83		-0.69		1.45		0.03		1.44		-0.48		1.94		-0.90	
16	1.33		-0.38		1.72		-0.10		1.55		-0.20		1.73		-0.40		1.07		-1.10		1.93		-0.49	
17	1.71		-0.09		1.49		-0.27		1.42		-0.38		2.18		-0.49		0.91		-1.29		1.00		-0.50	
18	---		-0.35		2.11		0.45		1.53		-0.66		2.36		0.00		---		-1.87		1.48		-0.75	
19	1.50		-0.27		2.34		0.65		-0.09		-0.55		---		-0.45		0.66		-1.38		1.75		-0.52	
20	1.74		-0.11		0.76		-0.45		1.27		-0.87		1.82		-1.12		1.68		-0.63		1.47		-0.37	
21	1.88		-0.03		1.56		-0.29		1.02		-1.45		1.60		-1.02		1.94		-0.42		1.31		-0.31	
22	1.66		0.03		1.90		-0.61		1.25		-1.40		1.73		-1.01		1.81		-0.29		1.30		-0.25	
23	2.04		0.29		2.13		-0.45		1.91		-0.92		1.55		-1.08		1.38		-0.33		0.78		-0.96	
24	1.95		-0.03		2.42		-0.39		2.34		-0.64		1.35		-0.76		1.95		0.83		0.82		-1.06	
25	1.95		-0.38		2.51		-0.46		1.96		-0.85		1.50		-0.33		2.09		0.13		1.55		-0.96	
26	2.00		-0.41		2.36		-0.58		1.56		-1.11		1.58		0.15		1.70		0.17		1.40		-0.77	
27	2.47		-0.26		2.36		-0.40		1.21		-0.83		1.55		0.14		0.24		-0.26		1.54		-0.86	
28	2.85		0.15		2.19		-0.29		1.16		-0.47		0.34		-0.80		0.91		-1.44		1.14		-0.55	
29	2.51		-0.67		-0.02		-1.79		1.38		-0.12		1.16		-1.05		1.26		-1.21		1.27		-0.67	
30	1.79		-0.75		0.54		-0.79		1.57		0.20		0.77		-0.46		---		---		1.25		-0.93	
31	1.08		-0.85		---		---		1.23		-0.01		0.95		-1.09		---		---		1.75		-0.40	
MAX	---		0.35		---		0.65		2.34		0.33		---		---		---		0.83		1.97		-0.25	
MIN	---		-0.85		---		-1.79		-0.09		-1.45		---		---		---		-1.87		0.78		-1.06	
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	0.71		-0.07		1.52		-0.27		2.21		-0.31		2.24		-0.79		2.70		-0.20		1.59		-0.42	
2	1.23		-0.56		1.96		0.16		2.24		-0.34		2.34		-0.76		2.06		-0.21		1.28		-0.54	
3	1.47		-0.37		2.01		-0.52		2.34		-0.66		2.34		-0.62		2.18		0.59		1.22		-0.68	
4	1.47		-0.24		1.23		-0.94		2.32		---		2.26		0.99		1.89		-0.01		1.12		-1.22	
5	1.47		-0.40		1.52		-0.96		2.41		-0.49		2.07		-0.67		1.76		0.11		0.93		0.53	
6	1.64		-0.40		1.95		0.31		2.21		-0.34		1.80		-0.55		---		---		4.37		1.51	
7	1.96		-0.36		1.97		-0.81		2.06		-0.40		1.53		-0.45		---		---		2.50		0.20	
8	2.30		0.91		2.10		-0.76		1.69		-0.32		1.33		-0.12		---		---		1.73		-0.27	
9	2.19		-0.40		2.08		-0.57		1.53		-0.35		1.39		0.13		---		---		1.86		-0.30	
10	1.77		-0.47		1.65		-0.52		1.52		0.03		1.45		-0.22		---		---		1.61		-0.75	
11	2.03		-0.70		1.59		-0.47		1.60		0.29		1.63		-0.34		---		---		1.89		-0.65	
12	1.64		-0.35		1.64		-0.35		1.64		0.07		1.38		-0.57		---		---		2.14		-0.34	
13	1.74		0.42		1.38		-0.08		1.71		-0.20		1.81		-0.42		---		---		2.06		-0.07	
14	0.64		-0.94		1.25		-0.10		1.87		-0.20		1.80		-0.55		---		---		2.31		0.26	
15	0.15		-1.39		1.37		-0.19		2.00		-0.33		1.89		-0.62		2.04		-0.74		3.26		0.91	
16	0.70		-0.89		1.26		-0.49		1.06		-0.63		1.98		-0.55		1.98		-0.68		2.44		0.24	
17	0.82		-0.71		1.45		-0.39		1.90		-0.61		2.20		-0.35		1.90		-0.47		1.92		0.19	
18	0.94		-0.71		1.55		-0.52		1.92		-0.63		2.26		-0.22		1.90		-0.37		1.95		-0.42	
19	1.30		-0.70		1.80		-0.34		1.99		-0.50		2.38		---		1.90		0.00		1.74		-0.76	
20	1.39		-0.65		1.82		-0.54		1.95		---		1.86		-0.36		1.73		-0.02		1.67		-1.02	
21	1.84		-0.49		1.67		---		1.96		-0.51		1.61		0.44		1.81		-0.21		1.14		-1.42	
22	1.77		-0.67		1.95		-0.52		1.89		-0.33		1.31		-0.48		1.89		-0.34		2.00		-0.62	
23	1.45		0.46		1.83		-0.29		1.75		-0.45		1.38		-0.25		2.05		-0.54		1.89		-0.61	
24	1.55		-0.79		1.62		-0.39		1.69		-0.17		1.59		-0.06		2.01		-0.72		1.97		-0.56	
25	1.56		-0.59		1.43		-0.43		1.45		-0.09		1.67		-0.28		1.23		-0.84		1.89		-0.85	
26	1.51		-0.48		1.18		-0.44		1.36		0.02		1.78		-0.51		2.11		-0.76		3.90		0.26	
27	1.25		-0.38		1.19		-0.34		1.63		-0.47		1.91		-0.71		2.18		-0.81		2.88		0.74	
28	1.19		-1.00		1.36		-0.22		1.66		-0.49		1.96		-0.87		2.18		-0.70		2.05		0.14	
29	1.07		-0.61		1.39		-0.01		1.96		-0.70		2.21		-0.71		2.20		-0.51		1.79		-0.18	
30	1.55		-0.56		1.83		0.07		2.06		-0.73		2.48		-0.41		2.22		-0.35		1.88		-0.37	
31	---		---		2.00		-0.18		---		---		2.56		-0.31		1.98		-0.18		---		---	
MAX	2.30		0.91		2.10		---		2.41		---		2.56		---		---		---		4.37		1.51	
MIN	0.15		-1.39		1.18		---		1.06		---		1.31		---		---		---		0.93		-1.42	

02299496 MYAKKA RIVER AT EL JOBEAN PORT, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	2.15		-0.34		2.25		-0.01		1.73		-0.80		1.11		-0.68		1.78		-0.21		0.96		-0.50	
2	1.99		-0.52		2.13		0.03		1.32		-0.63		1.25		-0.42		1.70		-0.30		0.98		-0.69	
3	1.73		-0.54		1.91		-0.20		1.00		-0.88		1.25		-0.50		2.15		-0.66		0.84		-1.09	
4	1.87		-0.27		1.61		-0.02		1.06		-0.69		1.37		-0.49		1.11		-0.61		1.23		-1.53	
5	1.52		-0.28		1.89		-0.42		1.09		-0.65		1.62		-0.62		1.74		-1.40		1.13		-1.37	
6	1.41		-0.32		0.54		-0.61		1.40		-0.11		1.79		-0.82		---		-1.16		1.52		-1.27	
7	1.10		-0.62		1.07		-0.15		1.69		-0.29		1.82		-0.90		2.41		-0.73		1.01		-1.00	
8	1.53		-0.10		1.37		-0.13		1.56		-0.43		---		-1.08		2.56		-0.30		2.20		-0.04	
9	2.07		0.15		1.26		-0.22		1.29		-0.81		1.82		-1.34		2.72		-0.12		1.35		-0.92	
10	2.23		0.27		1.23		-0.51		2.17		-0.46		1.74		-1.30		2.66		-0.02		1.12		-1.03	
11	2.46		0.38		1.72		-0.42		2.18		-0.77		2.06		-0.91		1.26		-0.92		1.63		-0.36	
12	2.07		0.32		2.50		-0.11		1.42		-1.60		2.27		-0.66		1.27		-0.52		1.14		-0.58	
13	2.04		0.27		2.81		-0.12		1.75		-1.29		2.12		-0.10		2.02		-0.12		1.52		-0.02	
14	2.03		-0.21		2.18		-0.73		1.96		-1.26		2.28		-0.28		1.84		0.22		1.32		-0.49	
15	2.38		0.36		1.12		-1.19		-0.23		-2.61		0.50		-1.07		1.62		-0.04		1.40		-0.98	
16	2.03		-0.55		1.74		-0.82		0.47		-1.54		0.22		-0.86		1.61		-0.44		2.06		-0.73	
17	2.07		-0.67		1.72		-0.70		0.90		-0.94		0.50		-1.41		1.62		-0.28		1.46		-0.42	
18	2.14		-0.66		1.54		-0.45		0.95		-0.64		0.63		-1.63		1.11		-0.83		0.67		-0.74	
19	2.29		-0.41		1.66		-0.11		1.07		-0.66		1.16		-1.58		1.28		-1.24		0.64		-1.11	
20	2.11		-0.48		1.76		0.17		0.59		-0.82		1.82		-1.05		0.90		-0.90		1.18		-1.09	
21	1.73		-0.62		1.50		0.26		1.32		-1.02		1.97		-0.40		1.53		-0.66		1.36		-0.75	
22	1.38		-0.59		1.68		0.07		1.87		-0.86		---		-0.54		1.59		-0.71		1.76		-0.23	
23	1.72		-0.26		2.01		0.11		1.42		-0.39		2.29		-0.40		1.49		-0.74		1.88		-0.30	
24	1.87		0.06		2.33		0.40		1.77		-0.90		0.48		-1.78		1.82		-0.29		1.62		-0.34	
25	1.84		0.06		2.84		0.45		1.04		-1.32		1.42		-0.98		1.66		-0.31		1.53		-0.27	
26	1.84		-0.19		1.51		-0.93		2.74		-0.92		1.92		-0.43		1.42		-0.39		1.62		-0.21	
27	1.83		-0.42		1.65		-0.60		0.24		-2.13		2.01		-0.55		2.85		0.49		2.13		-0.03	
28	1.92		-0.42		2.78		-0.52		0.40		-1.81		1.80		-0.52		1.79		0.28		1.70		-0.46	
29	2.10		-0.40		1.41		-0.86		0.92		-1.25		1.29		-0.44		---		---		1.49		-0.03	
30	2.22		-0.30		1.50		-0.88		1.04		-1.15		1.88		0.28		---		---		1.67		-0.93	
31	2.33		-0.23		---		---		1.30		-0.80		1.62		0.04		---		---		2.03		-0.94	
MAX	2.46		0.38		2.84		0.45		2.74		-0.11		---		0.28		---		0.49		2.20		-0.02	
MIN	1.10		-0.67		0.54		-1.19		-0.23		-2.61		---		-1.78		---		-1.40		0.64		-1.53	
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	2.10		-0.70		2.09		-0.30		1.67		0.22		1.88		-0.51		---		---		2.17		-0.41	
2	1.10		-0.15		1.41		-0.32		1.75		0.02		1.95		-0.55		---		---		2.21		-0.21	
3	0.83		-1.54		1.61		-0.42		2.25		0.06		2.10		-0.49		---		---		2.11		-0.06	
4	1.44		-1.42		1.67		0.01		1.94		-0.40		2.06		-0.70		---		---		1.95		0.05	
5	1.12		-0.86		2.08		0.10		2.11		-0.58		2.19		-0.67		---		---		1.81		0.01	
6	1.87		-0.33		1.59		-0.70		2.01		-0.74		2.35		-0.57		---		---		1.76		-0.06	
7	2.22		0.30		1.43		-0.75		2.01		-0.64		2.16		-0.61		---		---		1.84		0.05	
8	2.10		-0.19		2.06		-0.58		2.05		-0.68		2.39		-0.37		---		---		1.88		-0.04	
9	1.62		-0.63		2.10		-0.57		2.36		---		2.70		0.49		---		---		1.85		-0.09	
10	1.70		-0.78		2.18		-0.54		1.96		-0.58		3.58		---		---		---		1.92		-0.27	
11	2.10		---		1.95		0.82		2.42		---		1.96		0.65		1.67		-0.11		1.73		-0.44	
12	2.30		-0.29		2.02		-0.64		1.82		0.25		---		---		1.97		-0.14		1.90		-0.34	
13	1.77		-0.02		1.73		-0.54		1.33		-0.37		---		---		1.97		-0.36		2.40		-0.26	
14	1.74		-0.47		1.72		-0.62		1.46		-0.13		---		---		2.04		-0.55		2.64		-0.07	
15	0.78		-0.72		1.44		-0.13		1.58		0.00		---		---		2.01		-0.85		2.56		-0.16	
16	0.82		-1.47		1.51		-0.31		1.68		-0.10		---		---		2.18		-0.76		2.71		0.03	
17	0.91		-1.56		1.31		-0.29		1.87		-0.30		---		---		2.44		-0.60		2.51		0.38	
18	1.10		-1.22		1.30		-0.29		2.08		-0.57		---		---		2.69		-0.36		2.27		0.35	
19	1.52		-0.81		1.38		-0.29		1.88		-0.91		---		---		2.65		-0.13		1.98		0.13	
20	1.49		-0.43		1.74		-0.04		2.31		-0.34		---		---		2.53		-0.20		1.21		-0.77	
21	1.68		-0.07		2.00		-0.29		2.12		-0.92		---		---		2.25		0.03		2.84		-0.09	
22	1.84		-0.08		1.94		-0.54		2.31		-0.87		---		---		2.07		0.16		2.92		0.35	
23	2.03		0.27		2.03		-0.59		2.40		---		---		---		2.01		0.14		2.72		0.25	
24	1.52		-0.60		2.13		-0.47		1.97		-1.08		---		---		2.07		0.00		2.43		0.17	
25	1.82		-0.71		---		---		2.29		-1.07		---		---		1.78		-0.60		1.97		0.05	
26	2.57		0.87		---		---		2.07		-0.62		---		---		-0.03		-0.93		1.98		-0.02	
27	2.21		-0.41		2.26		---		1.63		-0.10		---		---		2.72		1.65		2.02		0.10	
28	1.55		-0.82		1.94		-0.59		1.53		-0.46		---		---		2.77		0.71		2.20		0.26	
29	2.05		-0.84		1.63		-0.51		1.74		0.11		---		---		2.63		0.35		2.19		0.27	
30	2.33		-0.31		1.86		-0.43		1.81		-0.24		---		---		2.47		0.10		2.10		0.48	
31	---		---		1.69		0.25		---		---		---		---		2.12		-0.23		---		---	
MAX	2.57		---		---		---		2.42		---		---		---		---		---		2.92		0.48	
MIN	0.78		---		---		---		1.33		---		---		---		---		---		1.21		-0.77	

02299496 MYAKKA RIVER AT EL JOBEAN, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 2002 to September 2005 (discontinued).

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors.

REMARKS.--Specific conductance and temperature records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 41,500 microsiemens, June 3, 2004, Dec. 26, 2004; bottom sensor maximum, 52,700 microsiemens, May 26, 2004, top sensor minimum, 241 microsiemens, Aug. 20, 2004, bottom sensor minimum, 148 microsiemens, Aug. 22, 2003.

TEMPERATURE.--Top sensor maximum, 33.6° C, June 23, 2004, July, 10, 2004, Aug. 20, 2005; bottom sensor maximum, 33.5° C, July 10, 2004; top sensor minimum, 11.0° C, Jan. 25, 2003; bottom sensor minimum, 11.2° C, Jan. 25, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 41,500 microsiemens, Dec. 26; bottom sensor maximum, 41,000 microsiemens, Feb. 17; top sensor minimum, 285 microsiemens, June 14; bottom sensor minimum, 291 microsiemens, June 14.

TEMPERATURE.--Top sensor maximum, 33.6° C, Aug. 20; bottom sensor maximum, 33.4° C, Aug. 21; top sensor minimum, 13.2° C, Dec. 27; bottom sensor minimum, 13.1° C, Dec. 27.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
PERIOD AUGUST 2002 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	---	7,950	438
2	---	---	---	---	---	---	---	---	---	---	13,600	349
3	---	---	---	---	---	---	---	---	---	---	15,700	520
4	---	---	---	---	---	---	---	---	---	---	14,800	790
5	---	---	---	---	---	---	---	---	---	---	18,300	1,930
6	---	---	---	---	---	---	---	---	---	---	11,400	788
7	---	---	---	---	---	---	---	---	---	---	9,800	715
8	---	---	---	---	---	---	---	---	---	---	7,590	478
9	---	---	---	---	---	---	---	---	---	---	7,280	503
10	---	---	---	---	---	---	---	---	---	---	12,400	779
11	---	---	---	---	---	---	---	---	---	---	14,400	1,190
12	---	---	---	---	---	---	---	---	---	---	10,400	1,170
13	---	---	---	---	---	---	---	---	---	---	6,340	669
14	---	---	---	---	---	---	---	---	---	---	5,380	695
15	---	---	---	---	---	---	---	---	---	---	3,720	695
16	---	---	---	---	---	---	---	---	---	---	6,910	727
17	---	---	---	---	---	---	---	---	---	---	8,910	881
18	---	---	---	---	---	---	---	---	---	---	9,280	1,460
19	---	---	---	---	---	---	---	---	---	---	9,980	2,250
20	---	---	---	---	---	---	---	---	13,000	1,920	11,900	3,400
21	---	---	---	---	---	---	---	---	12,400	1,240	10,400	3,830
22	---	---	---	---	---	---	---	---	10,800	898	9,310	3,640
23	---	---	---	---	---	---	---	---	12,500	863	8,610	3,140
24	---	---	---	---	---	---	---	---	11,000	1,110	8,570	2,470
25	---	---	---	---	---	---	---	---	14,000	2,550	8,540	3,040
26	---	---	---	---	---	---	---	---	15,500	2,900	10,100	4,810
27	---	---	---	---	---	---	---	---	12,900	4,790	8,210	1,570
28	---	---	---	---	---	---	---	---	9,500	1,610	13,100	1,880
29	---	---	---	---	---	---	---	---	6,800	642	16,200	2,720
30	---	---	---	---	---	---	---	---	5,130	632	12,200	4,560
31	---	---	---	---	---	---	---	---	3,460	394	---	---

02299496 MYAKKA RIVER AT EL JOBEAN, FL—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
PERIOD AUGUST 2002 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	---	30.3	29.0
2	---	---	---	---	---	---	---	---	---	---	30.6	29.5
3	---	---	---	---	---	---	---	---	---	---	30.9	29.2
4	---	---	---	---	---	---	---	---	---	---	30.9	29.4
5	---	---	---	---	---	---	---	---	---	---	30.4	29.6
6	---	---	---	---	---	---	---	---	---	---	29.9	29.0
7	---	---	---	---	---	---	---	---	---	---	30.2	28.7
8	---	---	---	---	---	---	---	---	---	---	30.7	28.5
9	---	---	---	---	---	---	---	---	---	---	31.7	28.7
10	---	---	---	---	---	---	---	---	---	---	31.2	29.4
11	---	---	---	---	---	---	---	---	---	---	30.5	28.3
12	---	---	---	---	---	---	---	---	---	---	28.5	27.2
13	---	---	---	---	---	---	---	---	---	---	27.4	26.6
14	---	---	---	---	---	---	---	---	---	---	28.8	26.6
15	---	---	---	---	---	---	---	---	---	---	29.6	27.2
16	---	---	---	---	---	---	---	---	---	---	30.6	28.3
17	---	---	---	---	---	---	---	---	---	---	31.1	28.7
18	---	---	---	---	---	---	---	---	---	---	31.4	29.4
19	---	---	---	---	---	---	---	---	---	---	31.6	29.7
20	---	---	---	---	---	---	---	---	31.3	29.4	31.2	29.6
21	---	---	---	---	---	---	---	---	31.4	29.3	30.9	29.6
22	---	---	---	---	---	---	---	---	31.8	29.2	31.0	29.4
23	---	---	---	---	---	---	---	---	30.9	29.3	30.1	28.9
24	---	---	---	---	---	---	---	---	31.6	29.5	29.6	28.2
25	---	---	---	---	---	---	---	---	31.3	29.7	29.2	28.2
26	---	---	---	---	---	---	---	---	30.9	29.9	28.8	28.1
27	---	---	---	---	---	---	---	---	30.6	28.9	29.5	28.0
28	---	---	---	---	---	---	---	---	29.4	28.4	30.5	28.6
29	---	---	---	---	---	---	---	---	30.1	27.9	31.4	28.9
30	---	---	---	---	---	---	---	---	31.4	28.7	30.3	28.7

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
PERIOD AUGUST 2002 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	---	30.3	29.1
2	---	---	---	---	---	---	---	---	---	---	30.4	29.2
3	---	---	---	---	---	---	---	---	---	---	30.7	29.2
4	---	---	---	---	---	---	---	---	---	---	30.5	29.6
5	---	---	---	---	---	---	---	---	---	---	30.5	29.5
6	---	---	---	---	---	---	---	---	---	---	29.9	28.9
7	---	---	---	---	---	---	---	---	---	---	30.0	28.6
8	---	---	---	---	---	---	---	---	---	---	30.5	28.4
9	---	---	---	---	---	---	---	---	---	---	30.9	28.7
10	---	---	---	---	---	---	---	---	---	---	30.5	29.3
11	---	---	---	---	---	---	---	---	---	---	30.5	28.5
12	---	---	---	---	---	---	---	---	---	---	28.6	27.3
13	---	---	---	---	---	---	---	---	---	---	27.4	26.6
14	---	---	---	---	---	---	---	---	---	---	29.4	26.6
15	---	---	---	---	---	---	---	---	---	---	29.6	27.1
16	---	---	---	---	---	---	---	---	---	---	30.6	28.0
17	---	---	---	---	---	---	---	---	---	---	30.8	28.4
18	---	---	---	---	---	---	---	---	---	---	31.2	29.1
19	---	---	---	---	---	---	---	---	---	---	31.0	29.7
20	---	---	---	---	---	---	---	---	31.2	29.3	31.0	29.5
21	---	---	---	---	---	---	---	---	30.9	29.2	---	---
22	---	---	---	---	---	---	---	---	30.5	29.4	---	---
23	---	---	---	---	---	---	---	---	30.6	29.5	---	---
24	---	---	---	---	---	---	---	---	30.8	29.6	---	---
25	---	---	---	---	---	---	---	---	30.7	29.8	---	---
26	---	---	---	---	---	---	---	---	30.7	29.8	28.8	28.1
27	---	---	---	---	---	---	---	---	30.6	28.9	29.5	28.2
28	---	---	---	---	---	---	---	---	29.4	28.4	29.6	28.4
29	---	---	---	---	---	---	---	---	29.9	28.1	30.5	28.7
30	---	---	---	---	---	---	---	---	31.6	28.9	30.5	29.0
31	---	---	---	---	---	---	---	---	30.2	28.7	---	---

02299496 MYAKKA RIVER AT EL JOBEAN, FL—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	13,400	5,430	27,500	22,200	20,100	15,200	15,200	9,600	33,500	19,200	31,700	26,000
2	15,700	5,560	26,800	20,600	19,000	13,200	13,500	8,420	31,500	20,800	32,400	27,300
3	14,000	5,780	28,300	20,200	19,000	13,400	13,500	7,630	31,900	23,700	31,600	26,400
4	16,500	6,260	28,800	21,600	18,200	12,300	15,600	7,920	32,300	26,000	32,000	27,600
5	17,500	7,380	28,600	21,100	17,800	13,200	15,200	8,910	30,900	23,400	31,500	27,600
6	17,500	7,700	29,200	20,800	17,900	12,800	15,600	10,000	31,000	23,800	31,400	27,600
7	19,700	8,530	24,400	16,200	16,700	10,800	15,900	8,720	30,900	25,900	31,700	27,200
8	19,600	9,120	26,200	18,100	16,500	11,200	21,200	8,960	29,200	23,500	30,900	26,600
9	20,500	9,270	26,600	19,400	17,400	12,500	22,300	11,600	31,700	23,600	32,200	26,600
10	23,300	9,470	28,300	19,400	17,100	13,100	22,400	13,200	30,400	23,700	31,100	26,500
11	25,300	10,900	26,000	20,200	16,500	10,600	24,200	10,100	30,300	20,500	32,300	24,600
12	27,600	13,800	24,800	19,700	15,900	9,730	21,000	10,100	29,500	22,300	31,300	26,000
13	22,700	14,500	25,600	18,800	16,100	13,900	21,800	11,100	31,200	22,900	31,400	25,000
14	22,800	15,600	27,100	20,600	14,700	9,560	23,000	11,000	32,200	22,100	32,000	25,200
15	23,300	18,400	27,900	22,100	16,000	8,390	25,600	11,500	32,300	25,200	32,700	25,400
16	22,900	15,400	27,900	21,200	16,000	8,250	27,200	12,300	31,500	25,800	33,200	26,800
17	20,800	14,700	23,800	14,500	16,600	10,200	26,700	14,900	31,100	24,400	33,700	28,600
18	20,600	14,300	17,300	8,880	15,100	9,040	25,600	12,000	30,500	23,500	32,800	28,000
19	21,400	14,900	18,700	8,000	14,400	8,460	26,200	14,500	31,000	24,400	32,800	28,100
20	21,600	14,900	19,800	8,140	13,700	9,070	25,400	15,100	31,700	24,100	32,500	28,300
21	22,000	14,600	20,200	9,800	13,100	5,950	25,700	15,900	32,900	25,200	32,800	27,800
22	21,900	14,800	26,100	10,400	13,200	7,100	25,000	17,800	33,700	28,200	32,400	26,500
23	23,100	15,000	25,500	8,540	12,200	6,990	24,200	14,900	30,400	26,700	---	---
24	23,100	15,900	23,900	12,000	12,100	8,780	21,200	9,720	31,300	24,100	---	---
25	23,100	15,700	23,300	14,200	11,900	6,380	25,200	12,600	31,600	22,700	---	---
26	23,400	15,300	22,300	13,100	9,900	6,480	24,800	13,700	32,200	23,400	---	---
27	24,600	17,900	21,400	14,100	10,200	6,930	24,200	13,200	---	---	---	---
28	24,900	18,400	19,900	15,000	12,700	6,640	25,800	14,100	32,300	25,500	---	---
29	24,400	18,800	20,400	13,700	14,200	7,400	26,300	14,100	---	---	---	---
30	24,600	19,800	20,400	15,500	14,500	7,990	26,800	17,100	---	---	---	---
31	33,400	20,800	---	---	15,200	9,400	27,400	17,900	---	---	---	---
MONTH	33,400	5,430	29,200	8,000	20,100	5,950	27,400	7,630	---	---	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	34,200	28,600	36,500	25,900	874	695	---	---	---	---
2	---	---	32,900	27,900	36,700	25,600	968	742	---	---	---	---
3	31,300	25,500	33,400	27,400	35,400	27,400	980	799	---	---	---	---
4	32,100	25,700	33,600	27,000	34,700	28,000	1,220	839	---	---	---	---
5	31,600	26,600	34,800	27,000	33,500	26,900	1,100	858	---	---	---	---
6	32,000	26,500	34,800	28,200	33,000	25,100	1,260	990	---	---	---	---
7	32,400	27,000	34,300	26,900	32,000	26,400	1,260	1,010	---	---	---	---
8	---	---	34,100	26,300	31,500	27,200	1,320	1,070	---	---	---	---
9	---	---	34,300	24,000	31,600	26,700	---	---	---	---	---	---
10	---	---	33,500	24,400	31,700	25,300	---	---	---	---	---	---
11	---	---	33,300	26,400	32,100	24,800	---	---	---	---	---	---
12	---	---	32,900	25,600	32,600	25,700	---	---	---	---	---	---
13	---	---	33,000	25,600	32,100	24,400	---	---	---	---	---	---
14	---	---	34,400	26,900	31,200	24,400	---	---	---	---	---	---
15	---	---	34,800	27,100	30,000	23,500	---	---	---	---	---	---
16	---	---	34,200	26,900	29,500	23,200	---	---	---	---	---	---
17	35,000	29,300	34,800	26,300	28,700	20,800	---	---	---	---	---	---
18	34,200	28,800	34,700	25,600	27,400	21,100	---	---	---	---	---	---
19	35,000	27,900	34,900	26,600	24,700	20,700	---	---	---	---	---	---
20	35,100	28,300	33,100	25,000	22,600	14,900	---	---	---	---	---	---
21	35,200	29,100	32,500	23,000	18,800	6,660	---	---	---	---	---	---
22	35,300	29,900	33,400	23,900	12,400	694	---	---	---	---	---	---
23	38,700	30,000	30,900	24,300	1,430	561	---	---	---	---	---	---
24	37,600	29,500	29,700	22,700	931	536	---	---	---	---	---	---
25	38,200	33,100	28,200	22,600	768	537	---	---	---	---	---	---
26	37,300	31,400	29,100	22,200	676	562	---	---	---	---	---	---
27	35,000	29,700	30,800	23,500	703	578	---	---	---	---	---	---
28	33,700	28,300	31,900	24,500	773	594	---	---	---	---	---	---
29	33,800	28,700	33,000	25,500	782	622	---	---	---	---	---	---
30	34,700	28,900	35,600	26,300	870	668	---	---	---	---	---	---
31	---	---	37,900	26,700	---	---	---	---	---	---	---	---
MONTH	---	---	37,900	22,200	36,700	536	---	---	---	---	---	---

02299496 MYAKKA RIVER AT EL JOBEAN, FL—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	13,100	5,640	28,000	22,700	22,800	17,400	18,000	12,300	35,100	19,500	32,400	26,600
2	15,900	6,090	28,000	22,300	21,600	15,700	16,500	11,500	34,400	23,300	32,900	27,400
3	14,800	6,090	29,100	22,600	21,200	15,500	17,600	10,400	32,700	24,900	31,900	26,600
4	18,700	6,410	29,600	22,800	20,900	15,300	20,500	10,600	31,700	25,900	32,300	26,000
5	19,000	7,830	29,600	23,700	20,700	15,300	19,800	13,000	30,100	24,000	30,700	26,800
6	17,800	7,730	30,300	23,500	20,700	15,500	21,000	13,400	30,700	24,000	30,600	26,900
7	19,900	8,690	26,600	18,300	20,300	13,500	20,800	12,000	30,800	25,800	30,900	26,600
8	20,400	9,060	28,300	20,600	19,600	14,300	25,600	13,900	29,600	23,700	30,300	26,100
9	20,500	9,580	29,100	21,800	20,100	14,900	26,000	15,900	31,300	23,600	31,200	26,300
10	---	---	29,400	22,400	20,400	15,700	25,700	16,200	31,000	25,300	30,300	26,400
11	---	---	28,100	23,100	21,500	15,000	26,500	16,600	32,300	21,200	31,400	24,700
12	---	---	27,100	21,700	22,200	15,800	24,500	11,900	30,600	22,600	30,600	25,600
13	---	---	27,000	19,300	19,700	15,900	23,700	11,900	30,700	22,800	30,800	24,400
14	---	---	27,100	21,100	21,700	12,100	29,600	11,200	31,600	23,100	31,500	24,800
15	---	---	27,600	22,000	21,700	13,400	33,200	14,200	31,700	25,300	31,800	25,000
16	---	---	28,100	21,800	21,100	15,000	32,000	15,200	31,300	25,500	32,400	26,700
17	---	---	24,700	15,800	20,200	15,000	27,000	14,900	30,800	24,400	33,200	27,800
18	---	---	19,100	9,320	19,000	13,100	26,800	12,300	30,400	23,600	32,100	27,000
19	---	---	20,100	8,820	17,100	12,100	27,500	14,600	31,200	24,900	31,900	27,400
20	---	---	19,900	8,840	16,900	11,600	25,300	15,100	32,200	25,200	31,900	27,400
21	---	---	21,500	11,600	17,200	8,140	26,700	16,600	33,000	26,900	---	---
22	---	---	28,000	11,600	16,400	10,300	25,200	17,700	33,600	28,200	---	---
23	---	---	29,700	11,400	14,500	9,860	24,300	14,900	30,900	27,400	---	---
24	---	---	29,000	17,500	14,900	11,200	21,300	11,000	31,600	24,800	---	---
25	---	---	27,000	18,300	15,200	8,780	24,400	12,500	31,700	23,400	---	---
26	---	---	26,800	16,200	16,700	8,780	24,500	14,000	33,300	23,900	---	---
27	---	---	26,700	16,300	15,400	9,920	27,500	13,400	---	---	---	---
28	---	---	24,900	16,900	20,500	9,440	25,600	13,900	32,800	25,800	---	---
29	---	---	23,100	16,400	19,700	10,700	25,800	15,700	---	---	---	---
30	---	---	23,900	18,800	19,100	11,900	27,900	17,400	---	---	---	---
31	---	---	---	---	17,900	12,700	31,200	18,400	---	---	---	---
MONTH	---	---	30,300	8,820	22,800	8,140	33,200	10,400	---	---	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	33,600	28,100	37,000	26,400	928	719	14,400	1,190	1,960	387
2	---	---	32,400	27,000	36,800	26,400	988	773	9,690	1,100	4,250	442
3	---	---	32,900	27,000	35,500	28,200	1,070	853	14,200	617	5,140	470
4	---	---	32,900	26,900	34,800	28,500	1,380	869	12,500	754	12,000	487
5	---	---	34,200	27,100	34,000	27,800	1,170	921	15,300	713	11,800	376
6	---	---	34,300	28,000	33,400	27,100	1,360	1,000	18,700	824	1,210	189
7	---	---	33,700	26,400	33,300	27,900	1,430	1,070	21,400	1,720	13,700	193
8	---	---	34,100	26,600	32,000	28,500	1,400	1,100	15,500	993	18,200	234
9	---	---	33,700	26,200	32,100	27,500	2,140	483	9,240	366	16,400	262
10	---	---	33,000	26,600	32,000	25,800	3,750	540	1,460	216	9,050	262
11	---	---	32,600	26,700	32,400	26,500	4,440	601	617	148	4,990	263
12	---	---	32,100	25,900	32,800	25,700	8,530	590	320	161	3,960	310
13	---	---	32,200	25,500	32,400	24,900	6,900	655	275	173	4,100	307
14	---	---	33,600	25,700	31,500	23,500	6,670	655	385	149	1,170	328
15	---	---	33,900	25,600	30,300	24,000	8,120	585	442	169	1,540	368
16	---	---	33,300	24,700	29,800	23,100	12,200	562	322	190	21,600	413
17	34,200	29,700	34,100	25,700	28,900	21,900	12,300	524	312	196	21,600	2,420
18	34,300	29,600	34,000	25,100	27,700	21,800	12,000	843	382	237	23,800	5,470
19	34,200	29,500	34,500	25,600	25,500	20,800	14,200	959	350	231	27,700	10,200
20	34,400	29,000	32,500	25,100	24,000	18,400	14,200	3,500	382	237	28,000	10,000
21	34,500	28,800	32,000	23,200	21,500	8,320	21,500	4,710	421	245	22,100	8,110
22	36,300	29,300	32,800	24,100	19,300	750	21,600	8,030	432	252	17,000	8,590
23	39,900	29,400	30,500	25,000	1,270	586	17,500	6,550	409	267	24,800	8,720
24	37,000	30,000	30,200	22,400	811	562	13,000	3,620	3,000	265	28,500	12,000
25	37,300	32,500	30,300	22,500	752	564	11,500	1,890	10,200	324	21,400	12,100
26	36,400	30,900	32,400	21,900	697	589	9,660	1,130	7,850	307	18,900	10,800
27	34,500	29,500	34,500	24,100	723	607	10,100	1,260	9,360	318	20,000	9,500
28	33,300	28,500	34,800	24,700	689	477	15,200	1,010	5,930	297	19,500	8,160
29	33,000	28,400	33,100	25,300	864	641	19,900	1,460	4,740	370	16,700	7,720
30	33,800	28,700	35,600	26,600	981	700	18,300	1,480	2,600	370	12,900	3,360
31	---	---	39,100	27,300	---	---	14,500	1,200	3,240	355	---	---
MONTH	---	---	39,100	21,900	37,000	477	21,600	483	21,400	148	28,500	189

02299496 MYAKKA RIVER AT EL JOBEAN, FL—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.9	28.3	27.6	26.5	18.5	17.7	19.8	18.1	18.1	15.3	25.4	24.3
2	29.8	28.2	26.5	25.2	19.1	16.4	21.0	19.2	17.7	15.0	26.2	24.7
3	29.7	28.4	26.3	24.6	18.9	16.9	20.2	17.9	18.1	15.5	26.1	24.6
4	29.7	28.0	26.4	24.7	19.2	17.6	18.9	17.2	19.0	16.8	26.2	24.6
5	30.0	28.2	26.3	25.4	21.3	18.7	17.7	16.0	20.8	18.4	26.7	24.9
6	29.9	28.2	26.4	25.3	21.3	19.8	18.1	16.0	19.9	18.1	27.2	25.5
7	30.4	28.4	25.4	22.7	19.9	18.4	17.5	15.5	20.6	19.1	27.4	25.9
8	30.9	28.6	23.3	21.5	19.6	18.6	16.7	14.9	20.4	19.3	28.0	26.3
9	30.3	28.7	23.9	22.1	19.7	18.9	17.4	15.9	20.5	18.6	27.8	26.3
10	30.3	28.5	25.2	23.2	20.8	19.2	18.4	16.8	20.9	19.4	28.2	26.5
11	30.3	28.5	26.4	24.5	22.6	20.4	19.1	17.9	21.0	19.0	27.4	25.5
12	30.9	28.6	27.3	25.5	21.3	19.9	18.1	16.3	19.8	18.1	27.3	25.4
13	30.8	28.7	26.7	23.9	21.1	20.4	18.0	15.7	19.3	17.4	27.5	25.9
14	30.0	28.2	24.0	22.3	20.5	19.4	17.3	15.9	19.3	17.2	28.0	26.2
15	29.4	28.2	23.0	22.2	19.6	17.6	17.5	14.9	20.8	18.0	27.9	25.7
16	28.8	27.7	22.7	22.2	18.9	15.6	17.6	15.1	21.4	19.4	27.0	25.8
17	27.7	25.8	22.4	19.9	18.9	16.6	16.8	15.4	21.9	20.4	26.6	25.6
18	26.3	24.5	20.2	17.6	19.8	17.3	15.4	13.4	22.0	20.1	26.9	25.2
19	26.2	24.2	20.1	16.8	20.4	18.4	15.2	13.2	21.4	19.4	27.3	25.9
20	26.9	24.9	20.2	18.1	20.3	19.1	16.1	13.4	22.3	20.1	28.1	26.5
21	27.0	25.7	20.8	19.9	19.1	17.0	16.2	13.9	22.8	20.9	27.7	27.0
22	28.0	26.3	21.2	20.1	18.9	16.6	17.0	15.3	23.5	22.2	27.9	26.8
23	28.4	26.9	20.3	18.7	19.3	17.1	17.6	16.0	23.3	21.8	---	---
24	28.9	26.9	20.4	17.7	20.4	18.1	16.0	12.3	22.7	20.8	---	---
25	29.2	27.2	21.0	18.6	20.6	19.3	14.0	11.0	22.7	21.0	---	---
26	29.5	27.4	20.9	19.2	19.3	17.8	15.0	12.4	24.1	21.8	---	---
27	29.6	27.5	20.6	18.4	18.2	16.8	14.6	13.2	---	---	---	---
28	29.5	27.6	20.3	18.7	17.1	15.6	15.2	12.7	25.0	23.6	---	---
29	29.7	28.0	19.3	16.9	17.6	14.9	16.3	14.0	---	---	---	---
30	29.4	28.2	18.4	16.2	17.8	15.2	18.5	15.3	---	---	---	---
31	28.9	27.6	---	---	18.3	16.7	19.2	15.9	---	---	---	---
MONTH	30.9	24.2	27.6	16.2	22.6	14.9	21.0	11.0	---	---	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	27.2	25.6	30.4	28.7	31.0	29.4	30.5	28.7	31.1	29.2
2	---	---	28.4	26.1	31.6	28.9	31.0	29.7	31.0	28.7	31.0	29.0
3	22.4	20.0	29.6	27.1	31.0	29.4	31.1	29.3	31.1	28.8	31.0	29.5
4	23.8	21.1	30.8	27.8	30.2	29.0	32.0	29.4	31.1	29.3	30.6	29.5
5	25.5	22.7	30.2	28.4	29.8	28.8	30.6	28.6	31.0	29.9	29.6	26.7
6	26.8	24.0	30.2	28.5	30.7	28.7	30.2	28.9	31.0	29.7	28.0	26.4
7	27.6	25.2	30.6	28.3	30.5	29.1	32.0	29.0	30.8	29.8	29.2	27.2
8	---	---	31.3	29.2	31.3	29.5	31.8	30.0	29.8	28.7	30.0	28.5
9	---	---	31.8	29.6	31.3	30.2	32.0	30.3	29.2	26.9	30.1	28.5
10	---	---	31.6	30.1	31.8	30.1	32.7	30.3	27.2	25.6	30.7	28.3
11	---	---	31.8	30.2	32.1	30.0	32.5	30.7	26.7	25.2	30.5	28.2
12	---	---	32.0	30.3	31.9	30.1	32.1	30.5	29.1	25.9	31.0	28.2
13	---	---	32.0	30.1	32.1	30.1	32.0	29.6	29.6	26.9	30.7	28.8
14	---	---	30.9	29.1	32.3	30.4	31.3	29.3	29.0	27.0	30.8	28.4
15	---	---	31.0	28.8	32.5	30.6	31.9	29.6	30.2	27.3	30.7	29.1
16	---	---	31.3	29.5	32.1	30.7	30.8	29.1	30.8	27.8	30.4	28.9
17	27.0	24.4	32.1	30.1	31.9	29.8	31.7	28.7	30.6	28.2	30.1	28.7
18	27.4	24.9	32.0	29.6	30.8	29.3	32.1	29.3	30.6	29.3	30.9	28.3
19	27.8	25.3	32.3	29.8	29.8	28.8	31.0	29.8	29.5	28.6	31.8	28.4
20	27.6	25.7	31.1	29.2	29.6	28.6	31.4	29.9	29.4	27.9	31.1	29.0
21	28.1	25.9	30.4	28.7	28.9	27.8	32.8	30.0	29.4	28.2	30.3	28.7
22	28.0	26.4	29.9	28.6	28.0	26.1	32.4	30.0	29.0	27.9	30.1	28.7
23	27.9	26.0	29.5	27.0	26.2	25.3	32.4	30.3	29.5	28.0	29.7	29.0
24	27.0	25.1	28.8	26.7	27.1	25.4	31.7	30.0	29.9	28.4	30.9	28.2
25	26.7	25.4	30.0	28.0	29.0	26.1	31.3	29.5	30.1	28.4	30.4	28.5
26	26.2	24.0	30.9	28.7	29.7	26.8	30.9	28.9	31.0	28.7	29.3	28.1
27	25.7	23.6	31.2	29.0	29.2	27.7	31.2	28.9	30.9	28.9	29.1	27.9
28	27.1	24.2	30.3	29.4	28.9	27.7	31.4	29.2	29.7	28.0	29.8	27.7
29	27.4	25.6	30.3	28.7	29.8	27.5	31.3	28.9	29.9	27.8	29.0	28.2
30	27.0	26.2	29.8	27.8	30.4	28.1	30.5	29.2	30.5	28.6	28.4	27.1
31	---	---	30.0	28.0	---	---	30.6	28.8	31.1	29.1	---	---
MONTH	---	---	32.3	25.6	32.5	25.3	32.8	28.6	31.1	25.2	31.8	26.4

02299496 MYAKKA RIVER AT EL JOBEAN, FL—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.9	28.3	27.6	26.5	18.5	18.1	19.8	18.0	17.7	15.1	25.3	24.1
2	29.9	28.2	26.6	24.9	18.5	16.4	20.4	19.2	17.0	15.2	25.9	24.6
3	29.7	28.4	26.2	24.4	18.5	16.6	20.0	18.5	17.7	15.6	25.9	24.7
4	29.4	28.1	26.2	24.8	19.0	17.5	18.6	17.3	18.9	16.8	26.0	24.3
5	29.8	28.2	26.1	25.4	20.7	18.7	17.9	16.7	20.6	18.3	26.4	25.0
6	29.7	28.2	26.3	25.3	21.3	20.0	17.8	16.5	19.9	18.2	26.9	25.5
7	30.1	28.5	25.4	22.7	20.0	18.4	17.6	15.7	20.4	19.0	27.3	26.0
8	30.2	28.7	23.3	21.7	19.7	18.6	17.0	15.3	20.4	19.4	28.0	26.4
9	30.0	28.7	24.0	22.2	19.7	18.9	17.3	16.2	20.2	18.6	27.8	26.3
10	30.0	28.6	25.2	23.4	20.7	19.2	18.5	16.9	20.6	19.5	27.8	26.6
11	29.8	28.9	27.0	24.5	21.3	20.2	18.4	17.7	20.9	18.8	27.3	25.5
12	30.4	28.9	27.4	25.3	21.2	20.1	18.2	16.7	19.9	18.3	27.2	25.3
13	30.7	28.7	26.5	23.9	21.0	20.5	17.2	16.2	19.4	17.5	27.4	25.6
14	30.0	28.2	24.1	22.2	20.7	20.0	17.1	16.2	19.1	17.1	27.6	26.1
15	29.4	28.5	23.1	22.2	20.1	18.6	16.8	15.4	20.6	17.9	27.7	25.5
16	28.8	28.0	22.7	22.3	19.6	17.7	16.8	14.9	21.3	19.3	26.9	25.7
17	28.0	26.1	22.4	20.1	19.2	17.1	16.8	15.7	21.7	20.3	26.5	25.6
18	26.6	24.3	20.5	17.4	19.6	17.5	15.7	13.4	21.7	20.1	26.8	25.2
19	25.9	24.2	19.9	16.9	20.2	18.5	14.7	13.3	21.2	19.4	27.2	26.0
20	26.3	25.0	20.3	18.2	20.3	19.5	15.5	13.4	21.9	20.0	27.8	26.5
21	26.9	25.8	20.6	19.8	19.5	17.1	15.9	14.2	22.8	21.0	---	---
22	27.7	26.5	21.1	20.0	18.6	17.1	17.0	15.4	23.4	22.2	---	---
23	28.2	27.0	20.3	19.0	19.1	17.3	17.6	16.1	23.3	21.8	---	---
24	28.5	27.0	20.1	18.6	20.4	18.1	16.1	12.7	22.8	20.7	---	---
25	29.2	27.4	20.2	19.3	20.6	19.6	13.8	11.2	22.7	20.7	---	---
26	28.9	27.7	20.5	19.6	20.0	17.9	14.7	12.4	23.9	21.6	---	---
27	29.5	27.6	20.5	19.2	18.7	17.1	14.6	13.0	---	---	---	---
28	29.4	27.7	20.4	19.1	18.0	16.3	14.9	12.5	24.9	23.5	---	---
29	29.8	28.0	19.4	17.4	17.7	15.7	16.0	13.8	---	---	---	---
30	29.4	28.3	18.6	17.1	17.5	15.6	17.5	14.8	---	---	---	---
31	28.8	27.6	---	---	18.2	16.6	18.1	15.2	---	---	---	---
MONTH	30.7	24.2	27.6	16.9	21.3	15.6	20.4	11.2	---	---	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	27.1	25.6	30.3	28.7	30.8	29.3	29.9	28.7	30.8	29.2
2	---	---	28.1	26.2	31.0	29.0	30.9	29.5	30.4	28.9	31.1	29.0
3	---	---	28.9	27.1	31.0	29.7	30.7	29.3	30.3	28.9	31.5	29.5
4	---	---	30.0	27.8	30.1	29.1	31.2	29.4	31.0	29.4	30.7	29.5
5	---	---	30.1	28.4	29.7	28.8	30.4	28.5	31.1	30.0	29.8	26.7
6	---	---	30.1	28.6	30.6	28.7	29.9	28.8	31.2	29.9	27.9	25.9
7	---	---	30.5	28.6	30.3	29.0	31.0	28.9	30.3	29.9	29.2	27.1
8	---	---	31.0	29.1	31.2	29.4	31.7	30.0	30.1	28.7	29.6	28.5
9	---	---	31.3	29.7	31.2	30.0	31.9	30.0	29.2	26.9	29.5	28.4
10	---	---	31.4	30.1	31.7	29.9	32.6	30.2	27.2	25.6	29.6	28.1
11	---	---	31.7	30.2	32.0	30.0	32.5	30.6	26.7	25.2	30.1	28.0
12	---	---	31.9	30.2	31.8	30.0	32.1	30.5	28.5	25.9	30.5	27.9
13	---	---	31.8	29.8	32.0	30.1	31.2	29.5	29.5	26.8	30.4	28.8
14	---	---	30.9	29.4	32.1	30.3	31.0	29.3	29.0	27.0	30.6	28.4
15	---	---	30.8	28.9	32.3	30.8	31.4	29.6	30.1	27.2	30.6	29.0
16	---	---	31.3	29.6	32.0	30.9	30.3	29.1	30.9	27.7	30.3	29.1
17	26.6	24.4	31.8	30.1	31.9	29.7	30.6	28.8	30.5	28.1	30.0	29.0
18	27.2	24.9	31.9	29.5	30.7	29.2	31.0	29.5	30.5	29.2	29.7	28.7
19	27.4	25.4	32.1	29.7	29.8	28.7	30.9	30.0	29.5	28.5	30.1	28.8
20	27.6	25.6	31.1	29.2	29.6	28.8	31.0	30.0	29.4	27.8	30.5	29.0
21	27.9	25.8	30.4	28.7	29.1	28.1	31.2	29.8	29.3	28.0	30.4	28.7
22	27.8	26.1	29.8	28.4	28.3	26.1	31.5	29.9	28.9	27.8	30.0	28.8
23	27.7	25.9	29.5	27.1	26.2	25.3	32.4	30.5	29.2	28.0	29.8	29.0
24	27.1	25.1	28.5	26.4	27.0	25.3	31.7	30.0	29.7	28.3	29.7	28.4
25	26.7	25.2	29.8	28.0	28.9	26.0	31.2	29.6	29.8	28.5	29.9	28.5
26	26.2	24.0	30.8	28.9	29.7	26.7	30.2	29.0	30.1	28.6	29.0	28.1
27	25.5	23.5	31.0	29.2	29.0	27.6	30.6	28.8	30.6	28.9	29.0	28.2
28	26.8	24.3	30.3	29.5	28.9	27.5	30.4	29.2	29.6	28.0	29.3	28.4
29	27.4	25.7	30.1	28.8	29.8	27.4	30.6	29.1	29.8	27.8	29.2	28.3
30	27.0	26.1	29.6	28.4	30.4	28.0	30.3	29.5	30.3	28.6	28.4	27.2
31	---	---	29.9	28.4	---	---	29.8	29.0	31.1	29.1	---	---
MONTH	---	---	32.1	25.6	32.3	25.3	32.6	28.5	31.2	25.2	31.5	25.9

02299496 MYAKKA RIVER AT EL JOBEAN, FL—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	12,000	1,000	---	---	---	---	33,700	21,400	32,400	26,500	28,900	16,800
2	19,000	2,610	---	---	---	---	35,600	19,900	34,800	25,800	27,200	14,600
3	16,800	3,610	---	---	---	---	34,800	20,700	35,800	26,800	26,600	12,000
4	16,000	4,780	---	---	34,000	26,800	36,500	22,800	35,500	28,300	26,300	13,400
5	15,500	4,220	---	---	34,700	27,700	36,700	21,400	35,500	28,600	25,700	14,400
6	14,700	5,940	---	---	33,300	26,900	37,500	21,300	35,600	29,600	24,300	14,000
7	16,700	5,990	---	---	36,900	26,200	35,000	17,600	35,900	28,300	22,400	10,900
8	16,000	5,970	---	---	38,600	28,700	36,100	21,600	32,200	25,100	23,300	13,200
9	19,400	5,840	---	---	38,800	30,600	36,400	23,900	32,900	27,800	29,400	15,000
10	23,400	7,780	---	---	39,100	33,000	36,700	22,200	34,000	28,100	25,800	19,100
11	21,800	11,000	---	---	39,400	31,500	32,300	18,900	34,400	27,400	27,600	16,500
12	22,700	9,520	---	---	38,700	32,400	32,800	22,700	34,700	28,000	28,300	16,300
13	22,100	10,100	---	---	38,100	33,200	34,800	23,000	34,600	27,300	28,300	16,000
14	25,600	12,700	---	---	39,200	33,300	34,300	25,800	36,600	28,300	27,700	16,900
15	26,600	11,600	---	---	35,700	30,200	34,800	27,000	35,300	27,200	28,300	16,600
16	22,600	12,100	---	---	36,300	32,100	36,600	27,100	33,200	25,900	27,700	18,300
17	25,300	12,500	---	---	35,100	30,000	36,900	28,700	33,900	24,900	27,300	18,000
18	26,700	11,200	---	---	37,300	24,900	36,800	31,200	33,800	23,300	28,600	18,500
19	28,500	14,700	---	---	36,900	26,800	35,700	26,700	34,500	26,000	28,200	19,500
20	23,000	19,000	---	---	36,400	25,500	34,600	25,500	35,900	28,400	28,100	20,600
21	24,200	19,100	---	---	36,600	23,500	33,300	26,700	34,900	28,700	28,600	20,100
22	28,600	18,300	---	---	35,800	21,700	33,700	27,500	34,600	28,500	27,000	19,800
23	---	---	---	---	36,500	24,400	33,300	26,800	34,800	28,600	30,300	19,300
24	---	---	---	---	36,600	25,100	33,000	27,700	35,600	30,200	29,700	19,900
25	---	---	---	---	35,600	23,500	33,200	29,300	34,100	28,400	30,700	18,800
26	---	---	---	---	34,900	19,300	33,500	30,600	31,300	26,400	30,300	19,500
27	---	---	---	---	34,500	20,900	33,200	29,300	29,400	19,500	30,000	19,000
28	---	---	---	---	33,900	23,800	30,300	26,600	29,300	15,100	30,000	19,500
29	---	---	---	---	34,900	24,900	32,700	26,100	29,200	15,000	30,800	18,000
30	---	---	---	---	33,600	24,400	32,600	27,100	---	---	31,700	19,700
31	---	---	---	---	34,600	23,500	32,400	24,300	---	---	37,100	23,400
MONTH	---	---	---	---	---	---	37,500	17,600	36,600	15,000	37,100	10,900
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	34,400	27,000	35,500	30,100	41,300	35,500	33,100	24,100	23,500	5,220	4,950	537
2	34,600	26,700	36,200	32,900	41,400	35,400	33,200	23,100	29,600	4,000	2,860	504
3	35,500	27,800	36,300	31,100	41,500	35,500	32,600	23,100	30,400	4,620	1,540	510
4	35,200	29,300	36,000	29,000	41,300	35,800	32,200	22,500	26,200	5,720	1,750	469
5	34,900	29,100	36,600	29,900	41,400	36,200	31,300	20,400	---	---	22,000	528
6	34,800	29,800	37,800	30,000	41,100	35,300	32,200	20,000	---	---	22,200	6,180
7	35,600	30,000	37,800	30,300	40,700	35,900	30,800	19,800	---	---	11,600	1,000
8	36,000	30,300	37,400	30,200	39,700	34,900	31,200	20,500	---	---	8,280	499
9	35,800	29,800	37,200	30,100	38,600	33,300	30,300	22,500	---	---	3,910	437
10	35,900	28,600	36,200	30,200	38,400	34,800	30,300	21,300	---	---	981	363
11	36,100	28,900	36,000	29,700	37,300	33,000	31,400	22,500	---	---	853	265
12	34,200	29,700	36,700	31,000	37,500	34,400	30,300	18,000	---	---	670	255
13	33,500	30,400	36,900	32,300	37,700	32,300	31,000	19,000	---	---	683	244
14	32,700	25,100	36,600	34,100	37,000	32,700	36,000	20,700	---	---	768	244
15	33,300	25,000	36,500	34,000	37,800	31,400	39,400	22,400	---	---	974	260
16	33,500	27,000	36,200	32,700	37,300	29,800	38,600	24,200	---	---	548	253
17	32,500	27,700	36,900	31,300	36,600	29,000	36,700	24,400	---	---	648	273
18	33,100	28,200	37,000	32,900	36,200	29,200	36,200	24,200	---	---	6,810	348
19	33,700	28,300	37,200	32,700	35,300	28,100	35,400	24,200	2,180	272	12,800	407
20	34,000	28,800	37,200	31,100	35,500	29,000	31,000	22,200	1,350	241	9,180	456
21	34,300	29,100	37,200	31,100	35,400	28,400	28,300	15,200	1,980	267	10,200	663
22	34,700	30,000	37,400	31,400	36,000	29,800	29,800	14,200	1,240	247	12,500	889
23	34,700	29,200	36,600	31,100	35,500	27,600	25,900	14,900	504	256	11,100	655
24	35,100	28,600	36,700	32,100	35,300	28,900	23,600	14,700	476	288	10,600	1,410
25	35,200	29,900	37,000	31,500	35,300	30,200	22,600	13,300	901	269	11,000	900
26	35,500	30,400	38,300	32,600	35,100	30,300	22,400	7,700	1,440	306	31,300	5,100
27	34,500	30,300	38,100	32,900	34,900	29,300	24,600	7,590	1,490	331	26,100	13,700
28	36,100	28,400	39,000	33,200	34,900	28,600	28,600	4,550	3,370	330	21,400	9,400
29	35,600	30,900	39,100	35,100	34,800	26,300	25,600	3,860	12,800	551	18,000	8,320
30	36,000	29,600	40,300	36,900	33,900	24,600	20,900	4,920	9,050	672	14,300	6,960
31	---	---	40,400	35,400	---	---	18,700	3,350	8,460	668	---	---
MONTH	36,100	25,000	40,400	29,000	41,500	24,600	39,400	3,350	---	---	31,300	244

02299496 MYAKKA RIVER AT EL JOBEAN, FL—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	19,100	1,590	---	---	---	---	33,800	26,300	32,600	27,800	28,800	19,900
2	23,700	3,740	---	---	---	---	33,100	22,900	35,400	26,900	27,200	18,000
3	24,500	8,780	---	---	---	---	32,900	22,800	36,100	27,000	27,400	15,800
4	22,800	7,370	---	---	34,700	27,900	31,900	21,800	36,200	28,200	26,000	15,300
5	20,900	6,650	---	---	35,800	28,600	32,400	22,200	35,300	29,200	25,500	15,600
6	17,100	7,150	---	---	37,600	27,100	32,000	21,600	35,000	29,400	25,700	13,900
7	17,000	7,200	---	---	37,500	26,200	30,400	16,300	35,500	28,100	30,200	15,400
8	20,500	5,220	---	---	39,100	30,400	29,500	19,600	32,200	25,100	33,200	14,800
9	25,200	7,180	---	---	38,900	31,500	30,700	22,600	32,900	27,400	31,100	19,300
10	27,800	10,000	---	---	39,400	32,800	29,700	19,500	34,400	29,700	31,200	19,700
11	26,000	12,000	---	---	39,100	31,100	27,300	17,500	34,000	29,600	29,400	17,500
12	26,600	12,600	---	---	38,100	31,900	32,800	21,200	34,500	29,400	29,000	19,200
13	27,300	12,800	---	---	38,200	32,500	34,600	26,800	34,700	29,200	28,300	19,300
14	25,700	12,600	---	---	38,200	32,300	34,900	28,600	36,600	28,800	27,700	18,500
15	27,600	13,600	---	---	35,100	30,100	35,200	29,200	35,600	28,700	28,900	17,900
16	25,900	14,200	---	---	36,100	30,900	37,400	29,000	33,000	26,200	28,200	20,700
17	24,200	14,400	---	---	36,500	28,700	36,400	30,000	33,900	25,100	32,900	18,600
18	28,500	15,600	---	---	36,000	27,200	36,600	30,700	33,800	23,800	33,200	20,000
19	28,700	20,500	---	---	36,500	27,200	35,500	28,000	34,600	26,600	31,300	21,700
20	25,000	17,600	---	---	35,700	25,000	34,400	25,800	36,000	29,300	29,300	21,700
21	22,000	17,300	---	---	34,700	23,600	33,000	26,700	35,900	29,900	29,800	22,000
22	29,200	17,700	---	---	35,000	23,100	33,600	27,200	35,600	30,000	28,600	20,500
23	---	---	---	---	36,000	25,400	33,200	26,100	35,100	30,000	30,900	20,400
24	---	---	---	---	35,600	25,900	32,800	27,500	35,900	31,500	30,200	20,400
25	---	---	---	---	37,300	24,500	33,100	28,900	34,100	28,800	31,200	19,600
26	---	---	---	---	39,500	23,500	33,400	30,300	31,700	27,800	30,600	21,100
27	---	---	---	---	35,500	23,700	33,100	29,300	33,100	19,300	30,600	20,600
28	---	---	---	---	34,100	25,800	30,300	26,400	30,800	18,800	30,900	22,100
29	---	---	---	---	33,100	27,000	32,800	25,800	29,000	17,400	32,800	23,100
30	---	---	---	---	32,900	28,000	32,500	28,400	---	---	35,100	22,700
31	---	---	---	---	32,600	26,400	32,200	26,000	---	---	38,800	27,400
MONTH	---	---	---	---	---	---	37,400	16,300	36,600	17,400	38,800	13,900
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	37,900	27,300	36,700	32,600	41,600	37,000	34,000	22,900	26,500	7,060	4,880	514
2	34,600	27,600	37,600	33,900	41,200	35,500	32,700	21,800	30,300	6,870	2,740	473
3	35,300	28,000	38,000	31,900	42,400	35,700	33,100	21,800	32,000	9,320	1,620	474
4	35,100	29,100	37,600	31,800	42,400	35,300	32,300	21,500	30,500	16,000	2,150	442
5	34,900	29,500	38,900	32,400	42,600	35,300	30,700	19,400	---	---	20,700	503
6	34,600	29,600	39,900	32,500	42,200	35,200	30,700	18,900	---	---	20,900	10,000
7	35,300	30,100	40,300	33,000	41,700	35,600	33,100	19,800	---	---	14,200	1,020
8	35,900	30,100	39,900	34,100	40,600	35,500	32,000	23,700	---	---	9,480	521
9	35,900	30,000	39,500	32,100	39,400	35,200	33,800	26,200	---	---	4,960	399
10	35,800	29,900	40,800	33,300	39,700	36,000	32,800	22,900	---	---	969	334
11	35,900	29,700	41,000	35,500	39,000	34,500	33,200	22,500	---	---	816	240
12	34,600	30,300	41,000	36,100	39,300	33,400	31,500	19,400	---	---	750	232
13	33,500	31,000	41,200	37,000	39,100	30,900	32,800	21,900	---	---	679	223
14	32,900	26,600	41,000	38,100	37,600	31,900	36,000	23,100	---	---	725	222
15	33,200	25,800	41,400	38,700	38,100	31,100	38,900	25,600	---	---	1,840	241
16	34,000	27,700	41,500	37,800	37,300	27,000	39,100	27,100	---	---	570	236
17	33,300	28,700	42,400	37,600	36,500	26,600	36,400	27,400	---	---	609	252
18	33,600	29,200	43,200	36,200	37,000	27,700	36,600	27,600	---	---	10,800	314
19	34,200	28,900	44,100	35,800	37,300	29,200	35,400	26,600	4,640	244	21,100	372
20	34,300	29,100	42,900	35,800	39,100	29,100	31,900	22,100	5,190	220	16,600	456
21	34,600	29,300	43,600	37,200	39,900	29,800	30,400	21,000	3,560	229	17,900	698
22	34,600	29,800	44,300	36,700	39,700	31,800	31,700	18,500	2,600	214	12,600	952
23	34,800	29,800	44,200	36,600	38,700	30,600	30,800	20,100	516	222	12,500	719
24	34,900	29,300	47,900	40,500	36,900	30,500	28,900	18,800	572	237	10,500	1,500
25	34,800	30,300	49,300	41,100	37,200	29,400	28,000	13,700	1,420	244	20,400	1,180
26	35,200	30,800	52,700	38,800	36,400	29,900	28,800	11,600	1,720	274	28,600	8,800
27	35,100	30,800	51,900	35,200	36,300	28,200	27,700	11,300	1,500	287	24,600	16,000
28	36,000	29,000	38,300	33,600	35,300	27,100	32,000	9,510	5,770	302	20,500	11,900
29	35,900	31,200	36,900	31,800	35,400	23,400	31,200	6,830	19,800	568	17,600	8,320
30	36,600	31,600	40,800	35,000	34,300	22,100	23,900	6,300	12,300	829	15,500	6,780
31	---	---	41,400	31,900	---	---	21,900	5,680	8,530	884	---	---
MONTH	37,900	25,800	52,700	31,800	42,600	22,100	39,100	5,680	---	---	28,600	222

02299496 MYAKKA RIVER AT EL JOBEAN, FL—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	27.5	26.6	25.4	23.8	19.3	17.7	21.4	19.2	19.1	16.7	20.1	18.4
2	27.5	26.3	25.2	23.7	19.1	17.5	21.8	19.8	19.2	18.0	21.6	19.7
3	27.9	25.8	24.8	23.9	19.3	17.7	22.0	20.5	19.3	18.1	22.3	20.9
4	28.0	26.7	25.3	24.3	20.5	18.3	22.7	21.0	20.4	18.5	24.1	21.5
5	28.3	27.3	26.5	24.7	20.5	19.8	23.1	21.4	21.5	19.2	23.9	22.3
6	28.9	27.4	28.1	25.7	19.9	17.3	23.2	21.4	22.6	20.2	25.0	23.0
7	29.1	27.3	27.8	25.9	18.0	15.6	21.8	18.4	21.9	20.1	26.4	24.3
8	29.2	27.3	27.8	26.4	17.6	15.7	19.0	17.5	20.1	17.8	25.1	22.6
9	29.1	27.5	27.3	26.2	18.3	16.8	19.5	17.7	19.0	16.8	22.9	20.6
10	28.6	27.5	26.2	24.9	19.2	17.8	19.0	16.4	20.6	18.2	21.8	19.9
11	28.4	27.2	25.8	24.6	18.8	17.8	16.5	14.3	21.6	19.4	21.5	18.3
12	29.3	27.7	25.6	24.1	18.5	17.1	16.2	14.3	22.3	20.6	22.1	18.8
13	29.5	28.2	25.6	24.1	18.6	17.0	16.5	15.0	23.1	22.0	21.9	19.6
14	29.4	28.5	25.0	22.7	19.1	18.0	17.1	15.3	22.6	21.9	22.0	20.2
15	29.7	27.8	23.8	22.1	18.7	17.5	17.4	15.9	22.7	21.4	22.7	21.3
16	28.6	25.8	23.7	22.4	18.7	17.1	18.4	16.7	21.7	20.1	22.9	22.3
17	27.4	25.6	24.7	22.8	18.6	17.0	17.9	16.8	20.1	18.6	24.2	22.1
18	28.0	25.1	24.9	23.4	17.4	15.7	18.2	17.5	18.6	16.2	24.5	22.0
19	27.7	25.2	24.3	23.1	16.9	15.7	19.6	18.0	18.2	15.9	24.8	22.7
20	27.4	25.8	23.3	21.8	16.5	14.8	19.1	17.5	18.1	16.9	24.5	22.9
21	27.3	25.7	22.8	21.0	15.3	13.4	18.4	17.0	19.6	17.4	25.0	23.0
22	26.9	25.4	22.7	21.1	15.7	13.7	18.0	16.6	21.2	18.3	24.8	22.9
23	27.3	25.5	23.2	21.4	17.7	15.0	17.4	16.1	21.6	19.4	23.1	20.8
24	27.1	25.2	23.2	21.9	17.9	15.8	17.5	15.7	22.8	20.6	21.0	19.5
25	26.3	25.2	23.8	22.6	18.1	16.8	18.1	15.7	22.6	20.8	21.2	19.3
26	27.2	25.2	24.4	22.6	18.2	16.3	19.4	17.3	21.8	20.5	22.0	19.7
27	27.4	25.9	24.2	22.6	18.7	16.2	20.4	19.2	21.5	19.0	22.8	20.1
28	26.6	26.2	24.9	23.1	18.6	16.6	20.0	18.2	19.2	17.0	24.0	20.9
29	27.0	25.6	23.9	18.7	19.1	17.2	18.3	16.5	19.4	16.9	24.8	21.7
30	26.0	24.5	18.8	16.6	19.8	17.8	17.8	17.0	---	---	24.1	21.9
31	25.8	24.2	---	---	20.4	18.9	17.3	16.8	---	---	24.5	22.8
MONTH	29.7	24.2	28.1	16.6	20.5	13.4	23.2	14.3	23.1	15.9	26.4	18.3
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	23.2	21.6	28.6	26.4	32.0	30.3	31.5	29.1	30.3	28.9	32.9	30.0
2	22.8	21.2	28.7	27.0	32.0	30.1	31.9	30.0	29.9	28.4	30.9	29.4
3	22.7	21.0	28.2	26.9	31.8	30.0	31.2	29.3	29.9	28.5	31.0	29.2
4	22.8	21.1	27.5	25.4	31.4	30.0	32.0	29.5	29.7	28.4	29.9	27.4
5	23.0	21.0	27.2	25.0	30.8	29.2	32.4	29.6	---	---	27.4	26.2
6	23.4	20.6	26.9	24.8	30.8	29.3	31.9	30.1	---	---	27.2	26.3
7	23.9	21.7	26.9	25.1	30.8	29.1	31.3	29.9	---	---	27.4	26.6
8	24.7	22.6	27.3	24.9	30.6	28.8	32.0	29.5	---	---	28.8	26.9
9	25.7	23.7	27.1	25.3	30.5	28.5	33.3	30.4	---	---	30.0	27.9
10	27.0	24.6	26.1	25.2	29.8	28.5	33.6	30.8	---	---	29.8	28.7
11	26.4	25.1	26.7	24.9	30.1	28.6	33.0	30.5	---	---	29.7	28.5
12	25.9	23.3	27.1	25.3	31.2	29.2	32.4	29.5	---	---	29.7	28.3
13	23.4	22.2	27.3	25.5	31.9	30.1	32.7	30.1	---	---	29.1	28.1
14	22.4	20.1	27.3	25.6	30.9	29.2	32.8	30.9	---	---	28.3	27.4
15	22.0	18.7	27.8	25.7	31.2	29.0	32.8	31.2	---	---	28.2	27.2
16	22.3	19.5	27.7	26.1	31.8	29.2	32.9	31.1	---	---	29.2	27.4
17	22.8	20.4	27.9	26.2	31.0	29.4	31.9	30.5	---	---	30.6	28.6
18	22.9	20.8	28.0	26.4	32.1	29.1	31.3	29.9	---	---	31.8	29.3
19	23.3	21.1	28.1	26.0	32.3	30.2	30.8	29.4	31.0	29.5	30.8	28.8
20	24.5	21.4	28.5	26.3	32.5	30.7	29.5	28.0	32.9	29.6	29.6	27.7
21	24.9	22.5	28.7	26.3	32.3	30.9	29.6	27.6	31.6	30.0	28.0	26.4
22	25.7	23.3	29.3	26.8	32.6	30.8	30.6	28.4	30.6	29.4	26.9	25.8
23	26.8	24.2	29.5	27.0	33.6	30.9	31.3	28.6	30.4	29.2	27.4	25.6
24	27.7	24.7	29.3	27.2	32.5	31.1	31.7	29.6	30.2	29.3	27.8	26.1
25	27.9	25.7	29.4	27.2	32.4	30.4	32.3	30.1	30.3	28.9	27.4	26.5
26	28.2	26.2	30.0	28.0	32.7	30.7	31.5	30.3	31.0	29.0	26.5	25.4
27	27.5	26.1	30.6	28.6	32.1	30.3	31.4	29.7	31.4	30.0	26.9	25.2
28	27.0	24.8	31.1	28.8	31.3	30.0	31.3	29.0	31.5	29.7	28.2	26.4
29	26.5	24.9	31.2	29.5	30.8	29.4	30.8	27.9	31.8	29.9	30.0	27.4
30	28.0	25.5	31.5	29.8	30.9	28.8	30.6	28.7	32.1	30.2	31.1	28.0
31	---	---	31.9	30.0	---	---	30.7	29.0	32.7	30.6	---	---
MONTH	28.2	18.7	31.9	24.8	33.6	28.5	33.6	27.6	---	---	32.9	25.2

02299496 MYAKKA RIVER AT EL JOBEAN, FL—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	27.8	26.7	25.5	24.0	19.3	17.9	19.8	18.6	18.4	16.7	20.1	18.4
2	28.0	26.6	25.2	23.7	19.5	17.9	20.7	19.4	18.4	17.7	21.1	19.7
3	28.0	26.6	24.9	23.9	19.6	17.8	21.1	19.4	18.8	17.7	22.1	20.8
4	28.0	27.2	25.3	24.3	20.2	18.4	21.8	20.2	20.2	18.2	23.2	21.3
5	28.3	27.4	26.2	24.7	20.4	19.7	22.2	20.4	21.3	19.0	23.9	22.3
6	28.5	27.6	26.9	25.6	20.0	18.0	22.4	21.1	22.3	20.1	24.6	22.9
7	28.7	27.4	27.3	25.9	18.4	15.7	21.8	18.4	21.8	20.4	25.4	23.3
8	28.7	27.4	27.7	26.3	17.3	16.0	19.0	17.8	20.4	17.6	24.6	22.5
9	28.5	27.5	27.3	26.0	18.1	16.9	19.0	17.9	18.8	16.8	22.8	21.3
10	28.2	27.6	26.1	24.8	19.1	17.7	18.9	16.5	20.1	18.3	21.8	19.9
11	28.1	27.4	25.7	24.6	18.8	17.8	16.6	14.2	21.5	19.4	21.0	18.7
12	28.8	27.7	25.6	24.1	18.4	17.2	16.0	14.5	22.1	20.6	21.1	19.6
13	29.0	27.8	25.5	24.5	18.4	17.0	16.4	15.3	22.5	21.8	21.8	20.0
14	29.2	28.5	25.0	22.9	19.1	17.8	16.9	15.7	22.5	21.7	21.9	20.1
15	28.9	28.3	23.8	22.2	18.8	17.5	17.5	16.3	22.4	21.6	22.5	21.3
16	28.6	26.6	24.3	22.6	18.3	17.1	17.6	16.9	22.0	20.2	22.9	22.3
17	27.2	25.8	24.5	22.7	18.5	17.0	17.8	16.8	20.4	18.4	24.1	22.1
18	27.1	26.0	24.9	23.2	17.5	15.6	18.1	17.4	18.6	15.9	23.9	22.0
19	27.4	26.0	24.3	23.2	16.8	15.8	19.3	17.9	17.8	16.1	24.3	22.5
20	27.4	25.8	23.3	21.6	16.2	14.9	18.9	17.5	17.8	16.9	24.3	22.9
21	27.0	25.7	22.5	20.9	15.4	13.3	17.9	17.0	19.1	17.4	24.8	22.9
22	26.7	25.5	22.6	20.9	15.6	13.7	17.8	16.6	20.5	18.4	24.5	22.9
23	26.9	26.0	23.0	21.4	16.8	15.0	17.4	16.1	21.6	19.6	23.1	20.5
24	26.8	25.3	22.9	21.8	17.6	15.7	17.1	15.7	22.5	20.5	21.0	19.7
25	26.1	25.1	23.6	22.5	17.8	16.7	17.7	16.0	22.5	20.8	21.1	19.3
26	27.0	25.2	24.2	22.6	18.1	16.3	19.3	17.2	21.8	20.6	21.9	19.7
27	27.2	25.7	24.1	22.7	18.4	16.4	20.3	19.0	21.5	19.0	22.7	20.3
28	26.7	26.2	25.0	23.1	18.5	16.6	19.9	18.3	20.2	17.1	23.4	20.8
29	27.1	25.6	23.9	18.7	18.3	17.2	18.3	16.5	19.3	17.0	23.3	22.0
30	26.2	24.5	19.2	17.3	19.3	17.9	17.9	17.1	---	---	23.2	22.1
31	26.0	24.2	---	---	19.7	18.9	17.3	16.7	---	---	24.0	22.5
MONTH	29.2	24.2	27.7	17.3	20.4	13.3	22.4	14.2	22.5	15.9	25.4	18.4
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	23.1	21.6	28.5	26.1	31.9	30.2	31.5	29.3	30.3	28.9	31.6	30.0
2	22.7	21.4	28.7	26.6	32.0	30.0	31.6	30.2	29.9	28.5	30.7	29.4
3	22.5	21.1	28.1	26.8	31.8	30.1	31.1	29.6	29.8	28.9	30.9	29.1
4	22.7	21.0	27.3	25.2	31.3	29.8	31.6	29.7	29.6	28.9	29.9	27.4
5	22.9	21.1	27.0	25.1	30.7	29.3	32.0	29.8	---	---	27.4	26.2
6	22.8	20.7	26.9	25.0	30.7	29.1	31.6	30.8	---	---	27.1	26.3
7	23.4	21.9	26.8	25.3	30.6	29.0	31.2	30.4	---	---	27.4	27.0
8	24.3	22.6	27.2	24.9	30.6	28.7	31.5	29.9	---	---	28.8	27.1
9	25.2	23.6	27.1	25.1	30.4	28.5	32.1	30.6	---	---	29.9	27.9
10	26.3	24.7	26.1	25.1	29.8	28.4	33.5	30.5	---	---	29.8	28.4
11	26.4	25.0	26.6	24.8	30.1	28.5	32.4	30.6	---	---	29.6	28.5
12	25.8	23.3	27.1	25.0	31.3	29.1	31.7	30.0	---	---	29.6	28.2
13	23.4	22.2	27.7	25.3	31.4	30.0	32.2	30.6	---	---	29.1	28.0
14	22.4	20.1	27.3	25.3	30.8	29.2	32.8	31.3	---	---	28.2	27.4
15	21.7	19.0	27.8	25.5	31.0	29.1	32.6	31.5	---	---	28.1	27.1
16	22.0	19.3	27.6	26.1	31.4	29.2	32.7	31.5	---	---	29.1	27.4
17	22.4	20.4	27.7	26.1	30.9	29.5	32.1	30.6	---	---	30.2	28.5
18	22.8	20.8	27.9	26.1	31.0	29.3	31.3	30.3	---	---	31.7	29.0
19	23.1	21.2	28.0	26.0	32.0	30.3	30.9	29.5	30.8	29.3	30.8	28.4
20	24.2	21.6	28.1	26.3	32.3	30.9	29.5	28.2	32.0	29.5	29.6	27.8
21	24.5	22.7	28.5	26.3	32.2	31.0	29.2	27.8	31.5	30.0	28.3	26.4
22	25.4	23.5	28.9	26.8	32.4	30.9	29.8	28.6	30.2	29.3	26.9	25.9
23	26.5	24.2	29.3	26.9	33.3	31.0	31.0	28.8	30.2	29.1	27.3	25.7
24	27.2	24.7	28.8	27.0	32.7	31.1	31.4	29.8	30.1	29.2	27.7	26.1
25	27.6	25.6	29.2	27.0	32.1	30.3	32.2	30.3	30.2	28.9	27.4	26.6
26	27.9	26.1	29.4	28.0	32.6	30.7	31.3	30.5	31.0	29.0	26.7	25.5
27	27.4	26.3	30.5	28.6	32.0	30.2	31.2	30.2	31.1	29.9	26.8	25.5
28	26.7	24.5	30.9	28.8	31.2	29.9	30.9	29.8	31.4	29.6	27.9	26.5
29	26.6	24.9	31.1	29.2	30.6	29.2	30.3	28.7	31.1	29.9	28.7	27.4
30	27.8	25.3	31.5	29.7	30.5	28.8	30.5	28.7	31.9	30.3	29.5	28.2
31	---	---	31.9	29.8	---	---	30.5	29.4	32.1	30.5	---	---
MONTH	27.9	19.0	31.9	24.8	33.3	28.4	33.5	27.8	---	---	31.7	25.5

02299496 MYAKKA RIVER AT EL JOBEAN, FL—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	11,800	4,520	24,000	15,900	30,500	21,800	36,200	27,000	32,300	24,200	31,700	24,300
2	9,200	770	24,000	16,200	31,200	22,800	36,000	27,100	31,900	23,400	35,900	22,300
3	6,290	479	23,900	15,300	34,100	22,400	36,100	26,300	32,700	21,500	32,800	21,500
4	6,870	452	24,600	14,800	34,300	25,400	37,100	28,100	32,400	22,000	34,100	18,100
5	9,870	426	26,600	14,100	34,500	26,200	39,000	27,800	33,300	19,300	33,000	18,700
6	4,340	451	25,500	14,600	34,500	28,500	39,300	23,200	34,700	20,500	34,800	19,500
7	3,210	420	26,800	17,100	34,200	27,800	39,100	25,700	35,300	22,700	35,700	23,400
8	6,840	691	27,400	21,600	34,300	27,900	39,300	24,800	35,000	25,400	30,800	24,800
9	9,350	1,150	27,300	21,600	34,400	27,700	39,500	23,800	34,500	26,000	30,200	18,800
10	9,130	2,260	27,600	21,500	35,300	28,000	38,400	24,500	34,700	25,900	30,000	17,100
11	10,300	1,850	29,600	22,300	35,700	27,400	38,100	26,200	32,400	23,900	31,000	20,900
12	8,050	2,000	30,400	22,900	34,900	24,100	37,100	26,600	34,500	24,900	30,200	18,200
13	28,500	3,550	30,700	22,800	35,900	26,700	34,700	27,400	36,000	26,500	30,100	19,900
14	28,200	6,510	29,000	21,300	36,600	25,700	34,200	22,200	35,600	28,800	29,000	20,000
15	23,100	14,200	25,600	19,400	31,800	23,700	27,000	19,900	34,400	28,800	28,200	15,000
16	22,600	10,200	28,500	20,300	36,300	27,300	24,800	18,600	35,800	26,700	26,500	16,400
17	18,900	10,600	28,800	20,100	37,100	28,600	28,800	16,000	39,600	27,200	24,200	18,300
18	15,800	9,570	28,900	20,600	37,100	29,500	29,700	16,100	36,600	27,000	25,000	8,910
19	15,500	8,640	29,700	22,400	37,400	29,500	31,400	15,400	36,000	27,600	30,900	7,970
20	15,500	8,280	29,300	23,800	37,700	30,400	35,400	17,700	36,100	28,400	24,400	8,310
21	20,200	8,600	29,200	24,400	40,100	30,400	36,900	24,600	36,200	29,700	24,000	9,090
22	20,900	10,600	29,500	23,100	41,200	30,900	37,700	24,800	36,100	28,600	23,800	10,000
23	22,600	13,500	30,500	24,700	41,400	32,200	36,400	26,400	35,700	29,000	20,700	6,330
24	22,100	14,100	31,200	25,200	40,700	30,500	32,500	18,200	36,100	30,900	21,100	4,560
25	22,700	14,500	31,600	24,600	39,900	31,600	34,500	21,000	35,600	30,900	17,000	6,370
26	23,400	15,000	31,000	22,000	41,500	28,600	35,600	23,900	34,900	30,200	14,900	5,590
27	23,600	14,900	31,200	23,600	34,900	24,200	34,300	23,600	35,700	29,900	14,800	6,040
28	23,200	14,200	30,900	22,600	36,200	25,600	32,900	24,600	32,300	27,000	13,600	3,540
29	23,400	13,800	29,500	21,000	37,400	26,900	30,900	24,900	---	---	25,000	3,210
30	23,600	15,600	29,900	21,200	37,500	28,400	32,600	26,200	---	---	17,400	2,530
31	23,200	15,800	---	---	37,300	26,800	30,700	22,500	---	---	16,100	5,510
MONTH	28,500	420	31,600	14,100	41,500	21,800	39,500	15,400	39,600	19,300	35,900	2,530
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	16,600	7,310	29,800	20,100	27,700	17,500	5,110	516	9,330	1,030	20,200	6,520
2	13,300	8,520	28,600	20,300	22,300	7,900	17,100	1,190	9,950	792	16,700	7,590
3	21,600	3,930	28,200	19,600	17,200	4,070	10,400	1,890	17,900	1,750	16,700	9,370
4	19,300	5,840	29,200	21,900	11,200	704	7,610	808	17,700	3,340	17,600	10,200
5	20,100	10,500	27,600	20,900	11,700	581	6,580	845	18,100	2,550	17,400	9,440
6	20,800	12,900	26,200	17,000	12,200	456	6,360	883	14,300	2,550	16,800	9,200
7	20,400	14,800	26,900	18,100	26,000	622	5,600	994	13,200	4,360	19,600	9,540
8	19,700	12,700	28,200	18,800	12,900	688	6,180	989	13,200	4,570	19,600	10,400
9	25,400	11,800	28,100	19,500	8,040	349	2,530	861	10,400	3,770	23,700	11,600
10	22,400	13,500	27,700	19,200	2,140	356	3,630	501	11,300	3,520	24,100	12,300
11	23,000	12,800	29,200	18,500	1,840	352	989	403	9,910	3,220	23,600	14,000
12	23,800	14,700	28,800	18,600	640	352	719	411	11,100	3,640	23,400	15,700
13	22,000	15,500	28,600	18,700	632	319	1,420	423	11,500	4,170	23,900	16,500
14	25,100	11,900	27,700	18,700	501	285	2,150	366	11,900	3,820	29,800	18,200
15	21,800	12,700	26,800	19,000	1,500	299	2,560	442	14,900	2,900	29,700	19,700
16	22,300	10,300	26,500	17,200	8,490	308	2,150	440	13,300	3,870	30,900	22,100
17	23,000	10,800	25,900	18,200	23,300	1,460	1,350	477	14,200	4,990	30,500	21,400
18	22,800	13,300	26,500	19,600	17,800	2,230	2,420	493	14,700	4,200	29,200	22,500
19	22,900	15,200	26,400	19,400	15,100	1,030	2,840	477	14,600	5,390	27,700	22,700
20	23,400	16,400	27,300	19,300	10,700	1,030	4,230	502	13,700	5,140	24,600	18,700
21	23,700	17,000	28,500	19,700	5,310	364	5,630	548	14,000	5,140	29,000	19,600
22	27,100	16,900	28,800	20,600	4,940	376	17,200	573	15,500	6,010	28,500	20,500
23	31,500	20,800	29,300	20,900	3,550	316	26,300	762	13,600	6,190	27,700	20,300
24	28,200	19,700	31,100	20,900	3,460	335	26,000	1,680	13,200	5,430	27,200	20,100
25	29,500	19,600	32,900	22,200	9,630	337	16,900	5,090	12,900	3,640	26,200	19,400
26	32,200	19,600	31,200	21,000	7,470	438	15,500	7,230	8,130	3,230	26,000	19,200
27	30,200	20,500	30,900	21,200	5,230	770	13,200	5,410	18,500	7,380	26,200	19,900
28	28,500	17,400	30,500	21,000	4,780	447	16,200	3,970	17,400	7,430	26,800	20,900
29	29,900	18,000	30,100	19,500	4,300	528	15,900	3,560	16,600	5,770	26,200	20,100
30	30,500	20,000	30,300	20,100	2,470	544	12,600	1,040	15,300	5,810	26,100	20,800
31	---	---	28,800	23,900	---	---	11,500	1,180	17,600	5,260	---	---
MONTH	32,200	3,930	32,900	17,000	27,700	285	26,300	366	18,500	792	30,900	6,520
YEAR	41,500	285										

02299496 MYAKKA RIVER AT EL JOBEAN, FL—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	17,100	6,020	24,500	17,100	31,100	23,500	31,300	24,900	32,900	25,400	35,900	26,100
2	11,000	1,470	24,500	17,600	34,800	24,400	31,800	26,600	32,500	25,100	38,900	26,100
3	7,910	811	24,600	16,600	36,700	24,800	31,500	24,800	33,400	23,600	37,300	24,800
4	14,100	523	26,800	19,100	37,100	27,900	33,200	24,300	32,700	24,100	35,500	21,800
5	19,800	678	35,300	16,000	33,700	28,200	35,400	23,800	34,400	20,500	34,600	24,600
6	11,200	548	35,400	16,100	33,700	28,300	36,400	24,100	35,700	22,300	39,400	26,600
7	6,580	526	34,600	19,900	33,700	28,100	37,700	24,700	36,000	25,000	39,300	27,000
8	20,500	956	29,700	22,800	33,700	28,600	37,800	23,500	35,900	26,700	32,900	26,800
9	20,200	1,560	28,900	22,800	33,600	27,000	39,200	23,700	35,300	28,300	31,900	20,500
10	16,000	2,980	29,000	22,600	33,800	28,700	39,000	25,800	35,400	28,100	32,000	18,900
11	17,900	2,730	30,700	22,900	34,100	27,000	38,100	27,500	33,800	24,900	32,700	23,400
12	13,800	2,740	31,300	24,300	32,700	23,900	37,600	28,800	36,100	26,400	36,100	20,400
13	37,400	6,230	31,900	24,600	34,000	25,400	37,000	28,500	36,800	29,300	35,800	24,800
14	39,000	17,000	30,400	22,300	34,600	25,100	36,600	25,200	36,800	31,300	31,900	23,800
15	35,900	18,300	27,500	20,600	29,900	22,300	30,900	22,300	36,400	30,800	31,800	21,200
16	34,700	15,200	29,600	20,700	32,600	25,600	32,900	21,100	37,200	29,800	27,500	21,400
17	27,200	14,200	30,100	22,200	34,000	27,100	34,100	19,100	41,000	31,400	24,900	19,600
18	20,700	13,000	30,500	24,000	33,500	27,100	34,000	18,900	40,100	30,600	32,500	11,700
19	20,500	12,200	30,200	23,800	34,700	27,700	37,800	18,400	39,900	29,200	36,500	14,600
20	24,000	11,000	30,200	24,300	34,600	27,800	37,300	29,300	36,800	30,500	34,800	22,300
21	29,400	10,800	30,600	26,300	36,400	29,000	39,300	30,000	37,200	31,100	26,700	14,800
22	27,300	11,400	31,900	25,800	36,400	29,000	39,300	29,600	37,100	30,600	25,300	14,800
23	25,200	13,900	33,100	25,800	36,700	29,700	36,700	27,400	36,900	30,700	22,800	9,490
24	22,400	14,900	32,300	26,700	36,600	28,600	33,800	19,100	37,100	31,800	22,600	8,630
25	25,000	15,500	32,600	25,800	34,800	27,300	35,700	25,500	36,700	32,300	21,100	8,440
26	25,400	15,300	31,900	22,200	36,500	24,700	36,000	27,700	35,900	31,600	17,800	7,190
27	24,800	14,600	31,300	23,900	30,500	21,000	35,100	26,700	36,500	31,400	16,500	6,970
28	24,000	14,600	29,600	21,400	31,800	21,800	33,800	26,600	33,300	29,000	14,800	4,370
29	23,800	15,200	29,200	21,900	32,900	24,400	31,200	25,900	---	---	27,200	3,880
30	23,900	16,400	30,000	22,900	32,700	24,300	33,100	28,200	---	---	26,000	7,480
31	23,700	16,500	---	---	32,500	25,000	32,300	25,300	---	---	16,800	8,440
MONTH	39,000	523	35,400	16,000	37,100	21,000	39,300	18,400	41,000	20,500	39,400	3,880
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	17,500	8,720	29,200	21,300	28,300	17,900	10,600	522	9,810	1,200	21,100	7,660
2	14,900	9,330	29,800	20,900	23,900	10,200	19,400	2,280	12,800	1,030	19,900	8,090
3	25,100	4,810	28,400	21,400	18,300	5,740	16,900	2,200	21,100	2,020	23,200	10,200
4	23,500	8,470	28,900	21,900	16,500	924	7,540	894	23,800	4,100	18,100	10,400
5	23,700	11,900	27,300	20,900	15,900	584	6,420	1,080	20,600	4,390	17,700	9,780
6	21,800	13,600	26,300	17,700	15,100	486	6,240	890	16,300	4,390	17,400	9,200
7	21,700	15,400	26,700	17,600	30,700	1,680	5,710	1,030	14,700	4,890	22,400	9,620
8	20,700	13,700	27,900	18,600	22,600	1,060	6,120	1,100	15,100	5,070	25,900	11,000
9	27,200	13,300	27,900	19,400	9,140	350	2,990	955	11,900	4,300	27,200	12,900
10	26,000	14,400	28,300	19,400	2,230	358	4,400	508	12,300	4,030	26,300	13,500
11	24,500	13,500	30,700	18,900	2,260	353	1,270	408	15,900	4,720	26,300	14,800
12	24,600	15,800	28,900	19,600	817	354	651	415	15,500	5,170	23,100	15,400
13	23,100	17,000	28,400	19,600	630	320	4,140	429	11,900	4,380	23,700	16,700
14	29,100	14,500	28,400	18,900	523	291	14,100	372	12,200	3,930	31,800	19,000
15	23,600	15,900	28,200	21,300	20,500	301	7,480	451	18,200	3,110	33,000	19,900
16	23,100	10,900	28,400	19,700	25,100	310	2,250	450	14,700	4,160	31,800	21,900
17	23,200	11,100	28,100	20,500	25,900	4,690	1,460	485	14,700	5,400	30,300	22,800
18	22,900	13,200	27,000	19,900	25,400	3,590	2,510	499	16,100	4,470	29,200	22,500
19	22,900	15,400	27,700	20,100	20,500	1,240	2,930	486	15,500	5,580	27,700	22,200
20	23,400	16,300	27,800	20,500	14,300	1,260	4,150	509	14,200	5,480	24,400	19,400
21	23,900	17,300	29,900	20,900	6,700	368	13,600	560	14,600	5,480	28,900	20,700
22	32,500	17,200	31,800	21,300	4,880	377	20,800	590	15,900	6,140	28,100	21,700
23	32,500	20,600	32,600	21,800	3,560	320	26,800	878	14,800	6,470	27,600	21,000
24	34,400	19,600	32,200	22,200	3,430	336	27,400	5,860	16,100	6,170	27,000	21,000
25	29,500	20,200	34,100	22,200	10,400	338	22,800	9,360	14,200	3,940	26,300	18,600
26	31,500	20,400	30,800	22,800	14,900	440	15,000	7,640	10,100	3,330	26,500	19,100
27	29,600	20,600	31,000	21,600	7,480	950	13,100	5,480	19,000	8,210	26,600	20,200
28	28,400	17,900	31,000	21,600	5,500	450	19,200	4,760	18,600	7,890	26,800	20,800
29	29,800	19,000	30,300	22,200	5,050	530	20,200	5,590	17,100	6,050	26,300	19,900
30	30,000	21,500	31,100	22,300	3,760	545	14,500	1,510	16,700	7,150	26,400	20,800
31	---	---	29,400	24,000	---	---	11,700	1,550	20,900	7,200	---	---
MONTH	34,400	4,810	34,100	17,600	30,700	291	27,400	372	23,800	1,030	33,000	7,660
YEAR	41,000	291										

02299496 MYAKKA RIVER AT EL JOBEAN, FL—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	31.4	28.6	27.1	25.6	23.8	22.0	19.2	17.7	19.8	17.8	22.4	20.9
2	30.2	28.9	27.6	25.9	23.6	22.3	19.9	18.2	20.3	18.6	21.6	19.6
3	30.1	28.6	27.6	26.0	22.9	21.7	20.5	18.3	21.0	19.1	20.2	17.5
4	30.0	28.3	28.1	26.2	22.3	20.1	20.8	19.1	20.5	17.5	19.2	16.1
5	29.9	28.6	27.3	24.9	21.4	19.6	21.2	19.7	17.8	16.0	19.3	16.6
6	29.9	28.4	25.1	23.4	22.1	20.8	21.9	20.6	17.9	16.5	20.8	17.8
7	28.6	26.6	24.6	22.4	22.4	21.6	22.8	20.8	19.3	17.2	21.0	19.4
8	27.4	25.7	23.7	22.3	23.6	22.1	23.6	21.3	20.1	17.8	20.5	19.6
9	27.6	25.8	23.2	22.0	23.8	22.8	23.8	21.6	20.5	18.2	19.7	17.5
10	27.2	26.4	23.2	22.2	23.7	23.1	23.3	21.4	20.1	19.0	19.4	16.9
11	26.8	25.4	23.7	22.1	23.1	21.2	23.1	21.2	19.2	16.9	19.4	17.5
12	27.6	25.0	23.8	22.6	21.2	19.0	23.1	21.4	17.5	15.4	21.0	18.4
13	27.5	25.7	25.0	23.2	20.5	18.9	23.1	21.6	17.6	15.5	21.0	18.7
14	28.0	26.1	24.1	23.5	19.9	17.9	23.1	22.0	18.7	16.9	22.2	20.3
15	27.4	25.8	23.6	22.0	17.9	13.7	22.0	20.4	20.7	18.0	23.6	21.7
16	26.5	24.6	22.6	21.2	15.4	13.7	20.4	18.8	21.1	19.5	23.8	22.2
17	26.6	24.6	22.6	21.0	15.8	14.8	18.9	16.5	21.1	19.0	23.6	22.2
18	26.8	25.3	23.0	20.8	17.0	15.6	17.3	14.6	21.1	19.9	22.7	21.1
19	27.5	26.0	23.4	21.3	17.1	16.0	16.6	13.9	20.4	18.2	22.1	19.1
20	28.4	26.7	23.6	22.0	16.7	15.0	15.9	14.0	21.4	18.6	22.4	19.1
21	28.9	26.7	24.2	22.5	16.2	14.1	17.2	15.0	21.3	19.6	22.4	20.4
22	28.1	26.3	24.3	23.0	16.9	15.0	18.2	16.4	22.6	20.5	24.1	21.8
23	27.1	25.7	24.1	23.4	17.5	16.5	18.2	16.7	23.5	21.4	23.9	23.1
24	26.7	25.4	24.2	23.5	17.7	17.2	16.9	13.6	23.6	21.9	24.3	22.6
25	27.0	25.5	24.4	23.4	17.4	16.5	15.8	14.0	23.3	22.6	25.4	23.4
26	27.6	25.6	23.4	21.7	16.7	15.0	16.8	14.9	23.4	22.3	26.7	24.9
27	26.8	25.1	22.4	21.5	15.2	13.2	18.3	16.1	23.0	22.1	26.5	25.5
28	26.1	24.9	23.5	21.9	15.4	13.5	18.8	17.3	23.1	22.0	26.2	24.2
29	27.2	24.9	23.0	21.6	16.4	14.3	19.3	17.9	---	---	25.6	22.7
30	27.0	25.1	23.1	21.4	17.3	15.4	19.8	18.5	---	---	26.2	22.0
31	27.1	25.5	---	---	18.2	16.4	20.6	18.8	---	---	25.6	24.0
MONTH	31.4	24.6	28.1	20.8	23.8	13.2	23.8	13.6	23.6	15.4	26.7	16.1
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	26.7	24.8	26.1	24.6	29.4	27.5	31.1	29.0	32.5	29.9	31.5	30.3
2	26.1	23.4	26.6	24.8	27.6	26.5	30.7	29.0	31.8	30.7	31.5	30.3
3	24.3	21.6	26.9	25.3	26.5	25.8	31.7	29.6	32.3	30.3	31.5	30.0
4	24.4	20.5	26.5	24.7	26.5	25.4	32.5	30.3	32.4	30.0	30.9	29.5
5	24.6	22.2	24.9	24.1	27.7	25.6	33.0	30.8	31.2	29.5	29.9	28.8
6	24.7	23.1	25.6	24.0	28.6	26.6	33.5	31.0	31.3	29.4	30.4	28.3
7	24.3	23.4	26.1	23.6	29.7	26.9	33.4	31.3	31.5	29.4	29.9	28.3
8	25.0	23.4	26.2	23.9	29.4	27.2	32.4	31.0	31.4	29.3	29.8	28.4
9	25.3	23.3	27.1	24.5	29.4	28.1	31.0	26.8	31.0	29.5	30.3	28.0
10	26.0	23.2	27.8	25.4	28.2	26.3	27.8	26.3	32.3	29.7	31.4	28.8
11	25.5	23.1	27.5	25.7	27.9	26.1	30.3	27.3	32.4	30.3	32.0	28.7
12	25.6	23.6	27.6	25.3	29.0	27.5	32.4	28.1	32.9	30.7	31.2	28.8
13	25.4	24.4	27.1	25.3	31.3	28.2	31.3	29.5	32.6	30.7	31.0	29.3
14	25.2	23.5	27.6	24.9	31.2	28.7	31.4	29.2	32.8	30.9	30.8	28.8
15	24.1	22.7	28.1	25.6	31.1	29.4	32.4	29.7	32.3	29.9	30.6	29.1
16	23.4	21.1	28.7	26.2	31.1	29.0	32.4	30.0	32.4	30.5	31.2	29.1
17	22.9	20.1	28.9	26.8	31.5	28.1	31.7	30.2	33.0	31.1	31.1	29.3
18	24.2	20.7	28.9	27.3	32.3	29.3	31.6	30.2	33.1	31.3	30.8	29.5
19	23.6	21.7	28.6	27.1	31.8	29.6	31.5	30.0	33.3	31.3	30.5	29.4
20	23.5	22.1	28.8	26.7	30.6	29.0	31.6	29.6	33.6	31.6	29.5	27.9
21	24.5	22.4	29.4	27.3	29.8	27.9	32.5	29.9	33.5	31.6	27.9	26.8
22	24.5	22.8	30.1	27.7	28.4	26.6	31.7	29.6	32.1	31.2	27.3	26.9
23	24.6	23.0	30.0	28.0	27.9	26.4	32.4	29.6	32.5	30.4	27.6	26.6
24	24.1	22.4	29.1	27.6	27.7	26.0	31.8	30.1	32.3	30.2	29.3	26.8
25	23.5	21.6	29.0	27.6	28.5	26.5	31.6	29.6	31.5	30.2	29.3	27.7
26	23.9	21.9	28.9	27.3	31.3	27.2	31.5	30.0	30.2	27.8	30.0	27.7
27	24.8	23.0	29.3	27.4	29.5	28.6	31.8	30.0	28.1	27.2	30.0	28.1
28	25.7	22.8	30.0	27.7	30.4	28.3	31.6	30.7	29.2	27.1	29.4	28.4
29	26.5	23.7	30.8	28.4	29.4	28.5	32.6	30.5	29.9	28.3	29.6	28.0
30	26.6	24.5	31.1	29.1	29.7	28.4	31.8	30.4	31.0	29.4	29.9	28.3
31	---	---	30.7	28.6	---	---	31.8	29.4	31.7	30.1	---	---
MONTH	26.7	20.1	31.1	23.6	32.3	25.4	33.5	26.3	33.6	27.1	32.0	26.6
YEAR	33.6	13.2										

02299496 MYAKKA RIVER AT EL JOBEAN, FL—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	30.8	28.6	27.1	25.6	23.6	22.1	19.1	17.5	19.6	18.1	22.5	21.0
2	30.1	28.9	27.3	25.8	23.4	22.4	20.2	18.0	19.9	18.6	21.7	19.7
3	30.0	28.5	27.2	26.0	22.8	22.2	20.8	18.4	20.5	19.1	21.1	17.5
4	30.6	28.6	27.4	26.1	22.5	21.0	20.6	19.1	20.4	18.0	19.1	16.1
5	29.8	28.5	27.1	25.9	21.3	19.9	20.7	19.7	18.2	15.6	18.6	17.0
6	29.9	28.6	26.0	24.0	22.4	20.7	21.4	19.7	17.8	16.2	20.0	18.3
7	28.9	26.5	25.2	23.1	22.4	21.5	22.3	20.5	18.9	17.2	20.7	19.0
8	27.6	26.0	23.7	22.4	23.4	22.0	23.0	20.6	19.5	17.8	20.4	19.6
9	27.8	25.9	23.1	21.9	23.8	22.6	23.0	21.1	19.9	18.3	19.6	17.3
10	27.3	26.4	23.1	22.0	23.6	23.0	22.8	21.2	19.9	19.0	18.9	16.8
11	27.2	25.3	23.6	22.0	23.1	21.2	22.9	21.2	19.2	16.8	19.2	17.8
12	26.4	24.8	23.7	22.6	21.2	19.0	23.0	21.3	17.6	15.9	19.9	18.6
13	26.7	25.7	24.5	23.1	20.3	18.9	23.1	21.6	17.5	15.5	20.8	19.1
14	27.1	26.1	24.1	23.6	19.9	17.9	23.1	22.0	18.6	16.8	21.9	20.2
15	27.1	26.2	23.7	22.1	18.9	13.7	22.1	20.4	19.7	18.1	22.6	21.4
16	26.4	24.8	22.7	21.3	15.3	13.7	20.4	18.9	20.5	19.0	23.5	22.1
17	26.5	24.7	22.3	21.0	15.7	14.7	19.7	17.4	20.7	18.8	23.5	22.3
18	26.8	25.3	23.1	21.0	17.2	15.5	17.6	14.6	20.8	19.2	22.3	21.3
19	27.3	26.0	23.4	21.3	17.2	16.2	16.0	14.1	20.4	18.1	21.8	20.0
20	28.6	26.7	24.0	22.0	16.7	15.0	16.1	14.9	20.9	18.3	21.8	20.1
21	28.9	26.3	24.0	22.4	16.2	14.0	16.3	15.5	21.1	19.6	22.2	20.5
22	28.1	26.4	23.8	22.8	16.7	14.9	17.7	16.3	22.0	20.4	24.1	21.8
23	27.0	25.6	24.1	23.2	17.3	16.4	18.1	16.7	23.0	21.3	23.8	23.1
24	26.7	25.1	24.1	23.3	17.6	17.1	17.2	13.1	23.2	21.8	23.9	22.6
25	26.8	25.4	24.3	23.3	17.4	16.5	15.2	14.1	23.0	22.5	25.3	23.2
26	27.5	25.5	23.4	21.4	16.6	15.0	16.3	15.0	23.0	22.2	26.6	24.8
27	26.6	25.1	22.3	21.4	15.2	13.1	17.7	16.0	22.9	22.1	26.5	25.5
28	26.0	24.8	23.0	21.8	15.3	13.5	18.6	17.2	23.0	22.0	26.2	24.1
29	26.3	24.9	23.0	21.5	16.3	14.3	19.3	17.8	---	---	24.6	23.1
30	26.3	25.2	23.1	21.4	17.2	15.3	19.7	18.4	---	---	24.4	23.0
31	27.1	25.5	---	---	18.1	16.3	20.2	18.9	---	---	25.5	24.0
MONTH	30.8	24.7	27.4	21.0	23.8	13.1	23.1	13.1	23.2	15.5	26.6	16.1
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	26.6	24.7	26.0	24.7	29.4	27.6	31.0	29.0	32.4	30.1	31.4	30.3
2	26.2	23.6	26.3	24.7	27.9	26.5	30.3	28.6	31.7	30.7	31.2	30.5
3	23.8	21.4	26.6	25.2	26.6	25.9	31.7	29.1	31.6	30.4	31.1	30.1
4	23.7	21.0	26.5	24.6	26.3	25.6	32.5	30.3	31.8	30.2	30.7	29.6
5	24.3	22.1	24.9	24.1	27.6	25.8	33.0	30.9	31.0	29.7	29.8	28.8
6	24.5	23.0	25.4	23.9	28.0	26.6	33.2	31.0	30.6	29.5	30.1	28.4
7	24.2	23.3	25.7	23.5	28.5	26.8	33.0	31.2	30.9	29.7	29.8	28.1
8	24.9	23.4	26.0	24.0	29.2	27.2	32.6	30.9	30.7	29.5	29.6	28.6
9	24.9	23.5	26.9	24.8	29.3	28.2	30.9	26.8	30.5	29.6	30.2	28.5
10	25.1	23.3	27.4	25.6	28.2	26.3	27.8	26.2	31.3	29.8	30.6	28.8
11	25.2	23.5	27.0	25.5	27.9	26.0	29.7	27.2	31.8	30.6	31.3	28.9
12	25.5	23.5	27.1	25.3	29.0	27.4	30.4	28.0	32.4	30.8	31.4	29.1
13	25.2	24.3	26.9	25.2	29.9	28.1	31.1	29.3	32.8	30.7	31.0	29.1
14	24.8	23.7	26.9	24.8	30.8	28.4	30.6	29.1	33.1	30.9	30.7	29.0
15	24.2	22.6	27.4	25.5	31.0	28.3	31.9	29.6	32.8	30.2	30.6	29.3
16	23.4	21.0	27.8	26.2	31.0	27.7	32.3	30.0	32.7	30.5	30.5	29.0
17	22.7	20.1	28.5	26.8	30.8	27.8	31.6	30.1	33.0	31.1	30.7	29.2
18	23.4	20.4	28.8	27.2	31.4	28.1	31.6	30.0	32.8	31.3	30.7	29.5
19	23.4	21.4	28.5	26.7	31.7	29.2	31.4	30.0	33.2	31.3	30.4	29.3
20	23.5	22.0	28.7	26.3	30.7	28.9	31.5	29.5	33.2	31.6	29.4	27.7
21	24.4	22.2	29.2	27.4	29.7	27.9	31.5	30.0	33.4	31.6	27.8	26.7
22	24.4	22.5	29.7	27.7	28.3	26.6	30.9	30.0	32.2	31.3	27.3	27.0
23	24.5	22.8	29.4	27.8	27.7	26.3	31.3	29.7	32.4	30.7	27.7	26.6
24	24.0	22.3	29.0	27.8	27.7	25.8	31.2	30.0	32.7	30.7	29.7	26.8
25	23.4	21.7	28.8	27.8	28.4	26.4	31.2	30.0	31.7	30.2	29.8	27.7
26	23.9	22.0	28.9	27.4	29.8	27.3	31.4	30.0	30.2	27.7	30.0	27.9
27	24.7	23.0	29.2	27.3	29.5	28.6	32.2	30.3	28.1	27.2	30.0	28.0
28	25.4	22.9	29.7	27.9	30.4	28.2	31.4	30.6	29.3	27.0	29.4	28.4
29	26.3	23.7	30.2	28.6	29.3	28.4	32.6	30.6	29.9	28.3	29.6	27.9
30	26.6	24.3	31.0	29.2	29.6	28.5	31.9	30.4	30.7	29.4	29.8	28.2
31	---	---	30.7	28.5	---	---	31.7	29.4	31.6	30.2	---	---
MONTH	26.6	20.1	31.0	23.5	31.7	25.6	33.2	26.2	33.4	27.0	31.4	26.6
YEAR	33.4	13.1										

02299692 BLACKBURN CANAL NEAR VENICE, FL.

LOCATION.--Lat 27° 06'41", long 82° 21'37" (1927 North American datum), in SE$^{1}/_{4}$ sec.1, T.39 S., R.19 E., Sarasota County, Hydrologic Unit 03100201, on left bank, on upstream side of bridge, on bridge pier over Blackburn Canal, 1.3 mi north of intersection Jackson and Venice Farm Roads, 0.3 mi north of I-75 (exit 34), 5.0 mi northeast of Venice, 5.0 mi northwest of North Port Charlotte, and 20.0 mi upstream from mouth of Myakka River.

DRAINAGE AREA.--Undetermined.

PERIOD OF RECORD.--October 2003 to February 2004 (gage heights only); March 2004 to current year.

GAGE.--Water-stage and velocity recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Residual discharge records are considered poor. Discharge is computed from stage and velocity record. Discharge is affected by tide and or variations of stage from the Myakka River. Instantaneous discharge computed from index-velocity and index velocity squared multiple linear regression relation and gage height-to-area linear equation relation. A ninth-order Butterworth low-pass filter is used to yield the residual discharge for the Blackburn Canal station. The residual discharges are not total "freshwater" flow, but are a combination of freshwater flow and water storage caused by higher or lower Gulf of Mexico and Myakka River mean water levels. The residual discharge is used to estimate mean daily discharge values.

EXTREMES FOR PERIOD OF RECORD.--Maximum residual discharge, 507 ft^3/s, September 12, 2004; maximum gage height, 7.68 ft, Sept. 12, 2004; minimum residual discharge, 28.0 ft^3/s below NGVD of 1929 (estimated), Dec. 16; minimum gage height, undetermined.

EXTREMES FOR CURRENT YEAR.--Maximum residual discharge, 380 ft^3/s, June 14; maximum gage height, 6.17 ft, June 12; minimum residual discharge, 28.0 ft^3/s below NGVD of 1929 (estimated), June 30; minimum gage height, undetermined.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	170	18	6.0	---	14	4.3	33	21	-2.5	66	85	15
2	185	17	1.3	---	13	3.3	22	9.8	16	48	83	13
3	175	e12	-0.49	---	17	4.2	14	9.4	42	e54	73	14
4	162	e21	1.1	---	3.2	5.7	16	6.0	35	e63	62	9.1
5	144	e14	0.81	---	4.9	12	24	13	29	71	56	9.3
6	124	e-0.71	3.5	---	8.8	23	27	7.1	77	81	47	5.8
7	101	e2.7	4.3	---	14	34	44	3.8	129	75	36	8.7
8	86	e6.4	5.0	---	12	35	16	12	184	62	42	5.9
9	80	e3.9	9.3	---	13	30	14	11	208	60	41	7.2
10	73	e4.6	9.8	---	7.7	28	e12	12	211	180	35	7.2
11	71	e8.7	4.1	---	-0.67	34	20	12	268	135	34	7.9
12	62	11	2.6	---	2.0	e28	24	14	327	127	34	5.5
13	49	13	5.2	---	9.6	31	13	14	360	126	33	6.9
14	43	3.6	---	---	18	27	7.6	12	376	125	34	8.1
15	40	-2.3	---	---	11	23	4.7	8.2	e351	e117	31	5.9
16	33	-0.71	---	---	10	46	3.0	e7.3	e295	e134	30	7.7
17	33	0.16	---	---	8.2	22	6.6	9.3	e243	139	30	8.2
18	29	4.0	---	---	4.9	38	8.8	8.8	e206	135	31	4.8
19	33	7.0	---	---	8.1	45	9.5	9.7	e161	131	27	-0.74
20	26	9.3	---	20	8.3	75	9.6	9.8	e126	123	23	-0.51
21	18	7.8	---	23	11	110	8.4	9.9	e135	106	22	-6.6
22	11	6.6	---	29	5.8	134	7.0	11	e117	100	23	15
23	13	9.9	---	22	5.1	141	13	9.8	e99	91	24	16
24	14	19	---	9.9	9.0	126	1.5	4.6	e74	76	e17	16
25	14	11	---	17	7.0	116	7.7	7.6	e62	66	11	9.1
26	14	0.17	---	23	4.2	94	25	14	e61	67	2.7	7.6
27	12	7.7	---	19	17	91	16	14	47	66	30	8.0
28	11	7.7	---	20	9.2	66	7.2	12	32	73	46	9.7
29	12	1.9	---	16	---	49	15	7.9	e40	79	43	7.4
30	13	4.0	---	18	---	44	32	11	e5.3	75	31	8.1
31	16	---	---	13	---	34	---	0.42	---	79	15	---
MEAN	60.2	7.61	---	---	9.12	50.1	15.4	10.1	144	94.5	36.5	7.97
MAX	185	21	---	---	18	141	44	21	376	180	85	16
MIN	11	-2.3	---	---	-0.67	3.3	1.5	0.42	-2.5	48	2.7	-6.6
MED	33	7.4	---	---	8.9	34	14	9.8	122	79	33	8.0

e Estimated

02299692 BLACKBURN CANAL NEAR VENICE, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	4.07	3.64	2.40	1.08	1.81	0.26	1.30	0.29	1.93	0.67	1.02	0.34
2	4.25	4.05	2.32	1.02	1.46	0.22	1.42	0.45	1.83	0.59	1.07	0.07
3	4.19	3.94	2.13	0.75	1.13	0.08	1.42	0.35	1.70	0.43	1.11	-0.01
4	4.08	3.71	1.87	0.77	1.14	0.21	---	0.34	1.27	0.28	1.43	-0.05
5	---	3.42	2.16	0.43	0.80	0.14	1.79	0.45	---	0.09	---	0.17
6	3.53	3.07	1.09	0.18	1.08	0.55	1.34	0.37	1.85	0.29	1.39	0.46
7	3.06	2.67	1.21	0.67	1.40	0.52	1.94	0.40	2.49	0.69	1.81	0.87
8	2.88	2.46	1.48	0.74	1.64	0.49	1.97	0.38	2.56	1.08	2.47	1.28
9	2.94	2.36	1.34	0.67	1.50	0.32	1.94	0.25	2.68	1.16	1.76	1.03
10	2.89	2.30	1.31	0.55	2.13	0.64	1.85	0.30	2.61	0.89	1.60	0.99
11	3.00	2.44	1.92	0.76	2.14	0.46	2.11	0.51	1.34	0.34	1.97	1.36
12	2.77	2.35	2.48	1.14	1.38	-0.02	2.33	0.64	1.33	0.44	1.57	1.03
13	2.56	2.04	2.76	1.09	1.73	0.10	2.26	1.09	2.04	0.74	1.83	1.00
14	2.43	1.75	2.22	0.41	1.88	-0.05	2.69	1.61	1.97	0.99	1.65	0.93
15	2.67	1.83	1.20	0.06	0.27	-0.30	0.57	0.13	1.75	0.68	1.65	0.57
16	2.32	1.29	1.80	0.30	0.35	-0.09	0.37	0.03	1.73	0.29	2.42	0.58
17	2.33	1.19	1.51	0.39	0.93	0.09	0.68	-0.17	1.77	0.41	2.19	0.93
18	2.41	1.15	1.72	0.49	0.95	0.27	0.88	-0.17	1.28	0.07	1.54	1.23
19	2.54	1.09	1.77	0.71	0.89	0.17	1.35	0.01	---	-0.02	---	1.25
20	2.36	0.90	1.83	0.97	0.89	-0.09	---	0.26	1.50	0.15	1.80	1.69
21	1.76	0.73	1.85	0.98	0.59	0.03	2.03	0.84	1.65	0.39	2.81	2.32
22	1.61	0.75	1.75	0.92	1.39	0.18	2.20	0.90	1.69	0.39	3.15	2.79
23	1.90	1.03	2.02	1.03	1.98	0.63	2.47	0.67	1.51	0.32	3.25	2.88
24	2.03	1.23	2.44	1.24	1.79	0.26	0.89	0.26	1.79	0.70	3.15	---
25	1.95	1.29	2.87	1.02	---	-0.03	1.65	0.53	1.65	0.67	2.97	---
26	1.98	1.18	1.57	0.25	2.78	0.07	2.13	0.98	1.42	0.55	2.72	---
27	1.96	1.07	---	0.39	0.34	-0.08	2.20	0.84	2.78	1.37	2.88	2.31
28	2.05	1.03	2.69	0.63	0.47	-0.09	1.95	0.69	1.79	1.07	2.49	2.21
29	2.19	1.05	1.49	0.19	1.05	0.00	1.55	0.80	---	---	2.03	1.61
30	2.31	1.08	1.61	0.21	1.08	0.04	2.08	1.27	---	---	2.11	1.28
31	2.43	1.05	---	---	1.48	0.29	1.78	0.98	---	---	2.38	1.12
MAX	---	4.05	---	1.24	---	0.64	---	1.61	---	1.37	---	---
MIN	---	0.73	---	0.06	---	-0.30	---	-0.17	---	-0.02	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	2.44	1.00	2.31	0.45	2.22	1.37	2.87	2.72	2.74	1.99	2.20	0.83
2	---	---	1.45	0.62	2.34	1.39	2.61	2.01	2.75	2.04	2.29	1.38
3	1.16	0.42	1.49	0.42	2.70	1.78	2.69	1.87	2.62	1.96	2.09	0.97
4	---	0.44	1.71	0.84	2.37	1.55	2.67	1.79	2.40	1.76	1.93	1.06
5	1.68	0.77	2.09	0.84	2.96	1.76	2.81	1.82	2.44	1.52	1.85	1.03
6	2.09	1.20	1.67	0.40	2.91	2.40	2.95	1.98	2.24	1.44	1.67	0.91
7	2.47	1.55	1.45	0.38	3.31	2.48	2.78	2.05	2.00	1.27	1.76	1.04
8	2.26	1.01	2.11	1.13	3.90	3.17	2.90	1.92	2.23	1.21	1.79	0.87
9	1.63	1.20	2.13	0.73	4.26	3.75	---	2.62	1.87	1.36	1.81	0.68
10	1.82	0.75	2.17	0.63	---	4.00	5.00	---	1.85	1.20	1.91	0.65
11	2.28	0.55	1.97	0.52	5.78	---	4.26	---	1.89	1.08	1.79	0.49
12	2.47	0.91	2.08	0.49	6.17	5.73	3.27	3.04	2.11	1.00	1.97	0.58
13	1.86	1.09	1.91	0.50	6.06	6.05	3.24	3.03	2.13	0.98	2.35	0.73
14	1.72	0.59	1.82	0.48	6.02	6.01	3.20	2.96	2.22	0.87	2.51	0.98
15	0.85	0.25	1.70	0.61	---	---	3.31	3.03	1.97	0.86	2.43	1.03
16	0.98	-0.02	1.70	0.52	---	---	3.49	3.21	2.34	---	2.51	1.62
17	1.07	-0.04	1.51	0.52	---	---	3.51	---	2.55	1.01	2.26	1.08
18	1.13	0.15	1.44	0.63	---	---	3.52	3.08	2.73	1.06	2.12	1.27
19	1.47	0.40	1.53	0.68	---	---	3.55	2.95	2.65	1.10	1.85	1.12
20	1.64	0.74	1.80	0.92	3.64	3.44	3.46	2.93	2.49	1.21	1.16	0.32
21	1.71	0.97	1.95	0.78	3.76	3.33	3.30	2.73	2.23	1.14	0.72	0.53
22	1.79	0.91	1.95	1.25	3.56	3.25	3.17	2.53	2.12	1.30	2.87	1.12
23	2.04	1.23	2.01	0.63	3.44	2.88	2.83	2.54	2.07	1.29	2.43	0.89
24	1.51	0.35	2.01	0.64	2.92	2.56	2.63	2.22	2.11	1.10	2.44	0.75
25	1.85	1.03	2.29	0.66	2.87	2.16	2.43	1.97	1.80	1.32	2.07	0.64
26	2.66	0.51	2.37	0.59	2.57	1.97	2.30	1.88	---	0.19	1.81	0.59
27	2.22	0.80	2.31	0.62	2.28	1.79	2.39	1.90	2.87	2.25	2.05	0.77
28	1.61	0.30	2.05	0.57	1.98	1.58	2.40	1.93	2.98	1.39	2.19	1.01
29	2.19	0.24	1.73	0.52	2.54	2.09	2.61	1.95	2.44	1.12	2.15	1.01
30	2.51	0.58	1.91	0.55	3.74	---	2.55	---	2.58	1.03	2.04	1.19
31	---	---	---	1.00	---	---	2.65	1.88	2.21	0.86	---	---
MAX	---	---	---	1.25	---	---	---	---	---	---	2.87	1.62
MIN	---	---	---	0.38	---	---	---	---	---	---	0.72	0.32

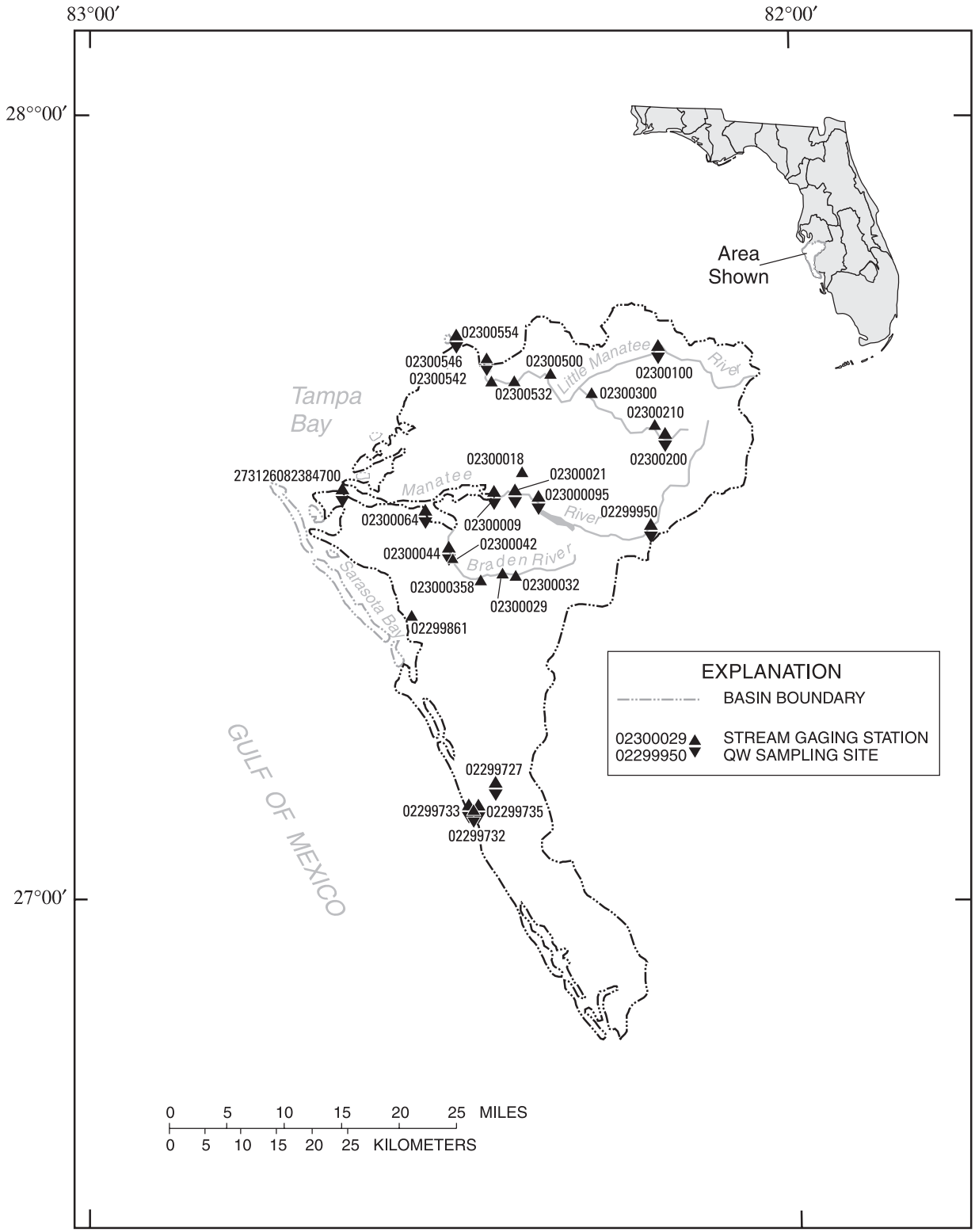

Figure 11.--Location of stream gaging stations in the Coastal area between Myakka and Manatee Rivers, Manatee and Little Manatee River basins.

02299727 SHAKETT CREEK NEAR NOKOMIS, FL.

LOCATION.--Lat 27° 08'37", long 82° 25'49" (1927 North American datum), in NE$^{1}/_{4}$ sec.29, T.38 S., R.19 E., Sarasota County, Hydrologic Unit 03100201, on dock at left bank, 200 ft upstream from Fox Creek, 1,200 ft downstream from confluence of Salt Creek, and 2,500 ft downstream from the Cow Pen Slough control structure.

DRAINAGE AREA.--64.3 mi^2.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--May 2003 to current year (tidal high-high and low-low only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Interruptions in record were due to days in which tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 3.89 ft, June 23, 2003; minimum, 1.66 ft below NGVD of 1929, Dec. 15, 2004.

EXTREMES FOR WATER YEAR 2004.--Maximum gage height, 3.26 ft, Sept. 15; minimum, 1.33 ft below NGVD of 1929, Nov. 29.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.52 ft, July 10; minimum, 1.66 ft below NGVD of 1929, Dec. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGH	HIGH LOW	HIGH	HIGH LOW	HIGH	HIGH LOW	HIGH	HIGH LOW	HIGH	HIGH LOW	HIGH	HIGH LOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	1.99	0.44	1.44	-0.34	0.60	-0.31	1.01	-0.17	1.20	-0.28	1.04	-0.15
2	1.96	0.33	1.34	-0.06	0.64	-0.45	1.22	-0.38	1.24	-0.67	1.27	-0.32
3	2.05	0.35	1.92	0.35	1.36	-0.34	1.53	-0.45	1.30	-0.77	1.42	-0.55
4	2.13	0.32	1.85	0.46	1.72	-0.03	1.81	-0.43	1.60	-0.85	1.66	-0.35
5	1.85	0.13	1.75	0.57	1.44	-0.02	1.78	-0.45	1.69	-0.61	1.84	-0.25
6	2.01	0.34	1.75	0.37	0.88	-0.67	1.45	-0.57	0.95	-0.49	1.07	-0.18
7	2.22	0.70	1.92	0.21	1.42	-0.98	1.13	-1.23	1.97	-0.50	1.48	-0.44
8	1.97	0.48	1.93	-0.05	1.47	-0.64	1.91	-0.87	0.70	-1.23	1.32	-0.74
9	1.86	0.44	1.22	-0.28	1.96	-0.64	1.39	-0.19	0.78	-0.70	1.30	-0.39
10	1.88	0.32	1.81	-0.58	1.84	-0.17	2.37	-0.63	1.13	-0.26	1.25	-0.85
11	1.78	0.28	---	-0.39	---	-0.53	0.93	-1.07	1.21	-0.28	1.19	-0.62
12	2.11	0.30	1.98	0.18	1.67	-0.50	0.91	-0.52	1.37	0.23	1.64	---
13	1.93	0.14	2.21	0.10	1.34	-0.30	1.05	-0.29	1.25	-0.40	1.45	-0.49
14	1.91	0.22	---	-0.45	1.88	0.48	1.26	-0.04	2.08	-0.49	1.65	-0.71
15	2.02	-0.11	1.80	0.04	0.89	-0.52	1.26	0.24	1.44	-0.32	1.81	-0.62
16	1.48	-0.15	1.80	0.15	1.40	0.43	1.56	-0.22	1.09	-0.83	1.88	-0.35
17	1.64	0.30	1.37	-0.02	1.28	0.96	2.01	-0.36	1.13	-0.89	1.39	-0.29
18	1.77	0.15	1.86	0.56	1.36	-0.45	2.28	-0.07	0.73	-1.19	1.63	-0.57
19	1.64	0.19	2.33	0.63	1.10	-0.18	1.20	-0.41	1.65	-1.01	0.90	-0.34
20	1.60	0.15	1.57	-0.20	1.06	-0.55	1.63	-0.92	1.07	-0.51	1.51	-0.20
21	1.74	0.28	1.81	-0.06	1.32	-0.89	1.83	-0.88	1.97	-0.31	1.44	-0.07
22	1.73	0.11	2.05	-0.41	1.77	-0.95	0.30	-0.80	1.80	-0.16	1.37	-0.57
23	1.88	0.41	2.33	-0.39	2.26	-0.68	1.64	-0.81	1.25	-0.20	0.85	-0.65
24	1.91	0.14	2.49	-0.39	---	-0.55	1.36	-0.62	1.75	0.23	0.90	-0.53
25	2.08	-0.20	---	-0.49	1.96	-0.69	1.40	-0.25	1.98	0.27	1.58	-0.45
26	1.43	-0.29	2.35	-0.53	1.52	-0.85	1.41	-0.01	1.69	0.65	1.37	---
27	2.30	-0.19	2.25	-0.31	1.19	-0.63	1.28	-0.12	0.57	0.35	1.39	-0.50
28	2.68	0.08	2.14	-0.30	1.20	-0.25	0.26	-0.63	1.04	-0.27	1.46	-0.28
29	---	-0.43	---	-1.33	1.24	0.08	1.04	-0.69	1.16	-0.46	1.27	-0.39
30	1.90	-0.52	0.61	-0.60	1.33	0.39	0.66	-0.24	---	---	1.07	-0.63
31	1.26	-0.57	---	---	1.08	0.30	1.02	-0.72	---	---	1.64	-0.22
MAX	---	0.70	---	0.63	---	0.96	2.37	0.24	2.08	0.65	1.88	---
MIN	---	-0.57	---	-1.33	---	-0.98	0.26	-1.23	0.57	-1.23	0.85	---

02299727 SHAKETT CREEK NEAR NOKOMIS, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	1.20		-0.10		1.64		-0.14		2.10		-0.35		2.22		-0.56		2.72		0.14		1.47		0.17	
2	1.52		-0.51		1.83		0.12		2.16		-0.48		2.21		-0.68		2.20		0.47		1.29		0.03	
3	0.97		-0.32		1.82		-0.32		2.30		-0.68		2.29		-0.56		2.28		0.78		1.41		0.03	
4	1.44		-0.19		1.35		-0.82		2.29		-0.66		2.26		-0.45		1.84		0.91		1.38		-0.13	
5	1.48		-0.34		1.58		-0.83		2.38		-0.49		2.09		-0.37		1.69		1.08		1.11		0.07	
6	1.63		-0.38		1.94		-0.75		2.13		-0.45		1.65		-0.29		1.83		1.11		3.18		1.62	
7	1.87		-0.35		1.94		-0.75		1.92		---		1.38		0.07		1.77		0.93		2.31		1.28	
8	2.22		-0.36		2.00		-0.60		1.66		-0.31		1.17		0.29		1.81		0.72		2.08		1.32	
9	2.08		-0.40		1.99		---		1.37		-0.26		1.16		0.32		1.49		0.47		2.01		0.99	
10	1.70		---		1.67		-0.47		1.35		0.05		1.32		-0.01		1.54		0.33		1.76		0.89	
11	1.90		-0.57		0.95		-0.35		1.39		0.41		1.49		-0.05		1.69		0.22		1.92		0.87	
12	2.05		-0.17		1.44		-0.25		1.48		0.11		1.39		0.10		2.06		0.18		2.07		0.87	
13	1.61		0.13		1.27		0.00		1.60		-0.05		1.77		-0.17		2.16		0.29		1.96		0.67	
14	0.47		-1.09		1.20		0.02		1.84		-0.11		1.75		-0.35		2.07		0.53		2.27		0.81	
15	0.69		-1.01		1.32		-0.10		1.87		-0.18		1.93		-0.43		2.00		0.73		3.26		1.10	
16	0.81		-0.68		1.18		-0.39		1.79		-0.42		1.93		-0.35		2.01		0.86		2.20		0.56	
17	0.75		-0.47		1.34		-0.38		1.84		-0.47		1.08		-0.23		1.89		0.65		1.79		0.44	
18	0.99		-0.56		1.49		-0.45		1.86		-0.51		2.26		-0.16		1.77		0.43		1.77		0.03	
19	1.23		-0.60		1.77		-0.34		1.91		-0.43		2.31		-0.09		1.58		0.47		1.92		-0.18	
20	1.33		-0.51		1.80		-0.43		1.87		-0.46		1.97		0.09		1.51		0.55		1.77		-0.24	
21	1.72		-0.35		1.64		-0.50		1.88		-0.29		1.59		0.19		1.70		0.40		1.52		-0.63	
22	1.63		-0.56		1.91		-0.33		1.76		-0.36		1.31		0.27		1.79		0.27		1.99		-0.05	
23	1.32		-0.65		1.78		-0.35		1.55		-0.04		1.21		0.30		1.81		0.15		1.95		-0.06	
24	1.46		-0.54		1.60		-0.38		1.30		0.58		1.41		0.46		1.84		-0.05		1.91		-0.02	
25	1.40		---		1.42		---		1.19		0.03		1.58		0.13		1.79		-0.17		2.11		-0.09	
26	1.30		-0.39		1.23		-0.40		1.25		0.11		1.56		-0.19		1.97		-0.15		2.94		0.43	
27	1.10		-0.28		0.93		-0.25		1.52		0.11		1.80		-0.32		2.06		-0.21		2.63		1.17	
28	0.48		-0.68		1.12		-0.17		1.59		-0.32		1.83		-0.43		2.07		0.15		1.96		0.94	
29	1.02		-0.47		1.18		-0.02		1.90		-0.49		2.06		-0.04		2.15		0.12		1.73		0.76	
30	1.28		-0.29		1.71		0.08		1.98		-0.53		2.42		0.24		2.10		0.09		1.81		0.48	
31	---		---		1.86		-0.22		---		---		2.49		0.40		1.89		0.25		---		---	
MAX	2.22		---		2.00		---		2.38		---		2.49		0.46		2.72		1.11		3.26		1.62	
MIN	0.47		---		0.93		---		1.19		---		1.08		-0.68		1.49		-0.21		1.11		-0.63	

02299727 SHAKETT CREEK NEAR NOKOMIS, FL---Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
1	2.18	0.23	2.20	0.20	1.73	-0.42	0.95	-0.41	---	---	1.05	0.22
2	1.85	-0.03	2.20	0.34	1.40	-0.29	1.12	-0.09	---	---	1.04	0.11
3	1.61	-0.07	2.01	0.17	1.19	-0.49	1.09	-0.18	---	---	1.10	-0.31
4	1.73	0.18	1.74	0.26	1.13	-0.30	1.18	-0.01	---	---	1.26	-0.60
5	1.57	0.15	2.08	-0.10	0.97	-0.33	1.47	-0.19	---	---	1.13	-0.74
6	1.58	0.11	0.87	-0.24	1.18	0.15	1.61	-0.47	---	---	1.42	-0.72
7	1.28	-0.12	1.43	0.18	1.57	0.00	1.66	-0.61	---	---	2.11	-0.60
8	1.51	0.21	1.31	0.14	1.42	-0.14	1.79	-0.77	---	---	1.41	-0.01
9	1.89	0.53	1.27	0.10	1.91	-0.57	1.73	-0.95	---	---	0.69	-0.56
10	1.98	0.57	1.80	-0.23	2.11	-0.39	1.96	-0.93	---	---	1.38	-0.55
11	2.34	0.64	2.50	-0.09	1.46	-0.54	---	-0.74	---	---	1.67	-0.15
12	1.98	0.61	2.84	0.08	1.75	-1.21	2.27	-0.53	---	---	1.30	-0.35
13	1.92	0.50	2.37	-0.07	---	-0.97	2.09	-0.13	---	---	1.46	-0.30
14	2.25	0.06	---	-0.58	1.84	-0.94	2.07	-0.03	---	---	1.33	-0.63
15	1.83	0.47	1.62	-0.89	0.53	-1.66	0.63	-0.51	1.55	0.76	1.33	-0.43
16	1.98	-0.28	1.93	-0.54	0.61	-1.08	0.37	-0.50	1.57	-0.09	1.94	---
17	1.96	-0.36	2.00	-0.31	0.94	-0.56	0.61	-0.77	1.64	0.05	1.75	-0.13
18	2.06	-0.26	1.70	-0.07	0.93	-0.27	0.71	-0.88	1.18	-0.43	1.28	1.06
19	2.26	-0.08	1.62	0.14	0.96	-0.21	1.23	-0.95	1.25	-0.75	1.18	0.81
20	2.04	-0.08	1.64	0.43	0.60	-0.63	1.64	-0.67	1.47	-0.62	1.44	0.63
21	1.70	-0.23	1.61	0.55	1.18	-0.64	1.89	-0.16	1.53	-0.49	1.69	0.31
22	1.46	-0.11	1.91	0.31	1.81	-0.60	2.19	-0.28	1.54	-0.49	1.61	0.21
23	1.70	0.12	2.18	0.28	1.66	-0.17	0.83	-0.01	1.73	-0.46	1.63	0.11
24	1.81	0.47	2.81	0.31	1.25	-0.61	1.45	-1.09	1.23	-0.16	1.07	0.03
25	1.79	0.42	1.67	0.53	0.71	-0.91	1.82	-0.65	1.58	-0.20	1.41	-0.05
26	1.81	0.13	1.75	-0.63	2.75	-0.49	1.09	-0.19	1.57	-0.20	1.58	0.02
27	1.95	-0.05	2.71	-0.37	0.74	-1.09	---	---	2.58	0.36	1.91	0.04
28	2.14	-0.06	1.49	-0.28	---	-1.14	---	---	1.77	0.78	1.79	-0.39
29	2.18	-0.07	1.59	-0.63	1.01	-0.81	---	---	---	---	1.47	-0.55
30	1.41	0.00	---	-0.51	1.13	-0.78	---	---	---	---	1.58	-0.53
31	2.25	0.06	---	---	1.35	-0.43	---	---	---	---	1.90	---
MAX	2.34	0.64	---	0.55	---	0.15	---	---	---	---	2.11	---
MIN	1.28	-0.36	---	-0.89	---	-1.66	---	---	---	---	0.69	---

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
1	1.90	-0.39	1.57	-0.27	1.67	0.34	2.05	1.18	1.82	-0.07	2.02	-0.11
2	1.34	-0.19	1.44	-0.05	1.83	0.92	2.02	0.97	1.89	-0.19	2.18	0.07
3	0.96	-0.93	1.39	-0.19	2.17	0.49	2.05	0.55	1.95	-0.26	1.96	0.27
4	1.34	-0.74	1.72	0.12	1.93	0.44	1.89	0.09	1.83	-0.34	1.82	0.38
5	1.71	-0.43	2.05	0.22	2.18	0.83	2.09	0.01	1.91	-0.26	1.71	0.38
6	1.80	-0.08	1.38	-0.46	2.05	0.47	2.29	0.03	1.76	-0.27	1.62	0.34
7	1.90	0.18	1.45	-0.50	1.97	0.11	2.15	-0.03	1.67	-0.12	1.71	0.33
8	1.94	0.01	2.05	-0.29	2.02	0.05	2.14	-0.01	1.56	0.03	1.82	0.27
9	1.69	-0.34	2.11	-0.38	1.99	0.40	2.67	1.21	1.33	0.17	1.79	0.19
10	1.73	-0.43	2.13	-0.37	2.00	0.87	3.52	1.31	1.36	0.35	1.83	0.14
11	2.02	-0.12	1.85	-0.48	2.77	---	1.82	0.53	1.44	0.33	1.80	0.01
12	2.18	0.04	1.91	-0.33	2.19	1.83	1.63	0.59	1.71	0.24	1.91	0.05
13	1.96	-0.26	1.73	---	2.10	1.69	1.37	0.89	1.64	0.09	2.38	0.01
14	1.79	---	1.81	-0.29	1.81	1.61	1.55	0.93	1.85	-0.14	2.55	0.15
15	0.91	-0.44	1.57	-0.02	1.51	1.20	1.80	0.94	1.93	-0.32	2.43	0.08
16	0.90	-0.85	1.27	0.00	1.58	0.69	1.97	0.72	2.01	-0.33	2.62	0.20
17	0.99	-0.97	1.13	0.02	1.77	0.41	1.89	0.29	2.22	-0.35	2.35	0.38
18	1.03	-0.65	1.23	0.03	1.94	0.09	2.15	0.03	2.51	-0.25	2.29	0.47
19	1.37	-0.35	1.43	0.08	1.80	-0.21	2.32	-0.12	2.58	-0.07	1.97	0.30
20	1.56	-0.11	1.74	0.23	1.98	-0.29	2.40	-0.02	2.45	-0.04	1.63	-0.36
21	1.66	0.26	2.05	-0.14	2.16	-0.09	2.50	0.01	2.28	0.23	2.77	-0.05
22	1.80	0.20	1.90	-0.37	2.29	-0.31	2.47	-0.03	1.97	0.32	3.24	0.55
23	1.96	0.27	2.00	-0.49	2.37	-0.01	1.95	-0.16	1.86	0.36	2.77	0.40
24	1.61	-0.48	2.27	-0.46	2.09	-0.11	1.89	-0.01	1.86	0.31	---	0.41
25	1.88	-0.48	2.47	-0.46	2.15	-0.01	1.60	0.31	1.77	-0.01	1.98	0.35
26	2.41	-0.21	2.35	-0.43	1.89	0.22	1.35	0.52	0.59	-0.80	1.92	0.31
27	2.13	-0.52	2.23	-0.41	1.47	0.82	1.50	0.41	2.55	1.46	1.50	0.35
28	1.57	---	1.95	---	1.46	0.25	1.43	0.11	2.71	0.65	2.05	0.45
29	1.95	-0.60	1.63	-0.29	1.67	0.83	1.54	0.02	2.43	0.33	2.03	0.39
30	2.29	-0.31	1.74	-0.11	1.92	1.22	0.96	-0.16	2.27	0.28	1.91	0.51
31	---	---	1.62	0.30	---	---	1.72	-0.11	2.03	0.06	---	---
MAX	2.41	---	2.47	---	2.77	---	3.52	1.31	2.71	1.46	---	0.55
MIN	0.90	---	1.13	---	1.46	---	0.96	-0.16	0.59	-0.80	---	-0.36

02299727 SHAKETT CREEK NR NOKOMIS, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Station established on May 1, 2003. Water-quality records available from June 12, 2003 to present.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors 0.30 ft below NGVD to measure near surface conditions and 4.5 ft below NGVD to measure near bottom conditions.

REMARKS.--Top records considered fair due to probe out of water when stage drops below probe. Interruptions in top record due to equipment malfunction or probe out of water. Bottom records considered good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 49,700 microsiemens, Sept. 22, 2005; bottom sensor maximum, 49,900 microsiemens, Sept. 22, 2005; top sensor minimum, 101 microsiemens, June 24, 25, 2003, Aug. 12, 2003, Sept. 12, 2004; bottom sensor minimum, 100 microsiemens, Aug. 12, 2003.

TEMPERATURE.--Top sensor maximum, 35.1° C, June 26, 2004; bottom sensor maximum, 34.3° C, July 11, 2004; top sensor minimum, 11.6° C, Dec. 21, 2004; bottom sensor minimum, 13.5° C, Dec. 21, 2004.

EXTREMES FOR WATER YEAR 2004.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 48,600 microsiemens, June 8; bottom sensor maximum, 49,400 microsiemens, June 8; top sensor minimum, 101 microsiemens, Sept. 12; bottom sensor minimum, 106 microsiemens, Sept. 12.

TEMPERATURE.--Top sensor maximum, 35.1° C, June 26; bottom sensor maximum, 34.3° C, July 11; top sensor minimum, 13.5° C, Dec. 21; bottom sensor minimum, 13.5° C, Dec. 21.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 49,700 microsiemens, Sept. 22; bottom sensor maximum, 49,900 microsiemens, Sept. 22; top sensor minimum, 124 microsiemens, July 16; bottom sensor minimum, 131 microsiemens, July 2.

TEMPERATURE.--Top sensor maximum, 34.5° C, Aug. 13; bottom sensor maximum, 33.6° C, Aug. 16, 17; top sensor minimum, 11.6° C, Dec. 21; bottom sensor minimum, 13.8° C, Dec. 28.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	230	202	37,400	21,500	41,500	29,500	19,200	4,860	22,500	8,070	395	242
2	252	199	38,400	22,600	40,900	18,400	19,400	3,390	18,000	9,370	456	272
3	317	222	41,000	23,600	42,500	19,600	21,400	6,610	17,800	9,240	487	303
4	363	291	42,000	20,400	43,800	30,900	24,700	7,140	20,900	7,950	3,050	381
5	377	346	42,300	24,400	44,400	27,100	28,200	7,240	23,900	10,100	6,050	889
6	568	374	42,200	18,400	44,100	28,500	25,900	7,310	24,300	4,250	7,370	1,320
7	4,340	568	39,700	15,800	43,100	34,400	24,600	17,700	23,500	3,280	6,100	1,300
8	6,890	1,290	37,300	13,400	43,800	25,100	33,800	16,200	19,900	10,700	7,570	1,630
9	9,270	1,500	37,300	17,100	45,100	27,700	38,200	12,200	21,500	13,800	10,600	1,420
10	11,000	1,620	32,600	21,200	44,800	31,300	39,000	14,500	24,500	7,900	16,300	4,440
11	12,400	1,760	39,000	19,400	44,500	25,100	29,000	16,400	26,200	6,870	14,900	2,500
12	14,000	1,700	39,400	956	44,400	18,300	28,800	15,000	24,800	7,140	18,700	3,450
13	14,200	1,920	26,900	9,410	44,300	17,700	30,000	12,200	26,500	4,350	22,800	4,150
14	13,800	3,560	32,500	15,100	44,500	15,800	32,400	13,300	29,500	4,190	26,200	8,340
15	14,300	3,040	35,700	12,000	19,500	10,600	31,300	15,100	17,700	7,360	28,000	9,350
16	13,700	4,530	37,500	13,400	13,600	579	35,000	10,100	7,360	1,550	27,500	5,920
17	16,500	4,210	39,200	13,400	724	355	37,900	12,900	6,720	1,660	24,000	9,240
18	19,300	5,210	40,500	29,200	781	347	33,400	18,000	---	---	23,800	3,280
19	21,500	6,030	40,900	27,700	485	328	27,900	12,700	12,500	3,920	24,200	4,410
20	23,200	6,880	39,000	13,700	412	230	25,100	11,000	19,600	2,220	25,100	8,620
21	24,700	7,810	40,700	15,200	415	317	26,700	14,300	20,600	5,060	27,200	9,660
22	24,600	7,540	41,400	17,500	4,090	271	26,900	13,400	21,200	5,860	28,200	12,000
23	30,500	8,110	42,900	18,300	12,700	808	27,200	13,500	18,700	6,460	27,200	12,200
24	33,700	7,010	43,500	19,400	12,800	1,410	27,200	10,300	17,900	7,450	28,500	9,200
25	35,700	10,300	44,800	18,100	13,500	2,220	28,200	11,200	17,400	611	30,800	15,400
26	38,400	13,400	44,700	17,800	13,200	5,550	26,900	12,000	621	348	32,900	18,100
27	39,900	13,900	44,600	19,500	15,000	5,420	25,400	9,790	348	260	33,600	18,000
28	40,600	15,000	45,200	20,600	17,200	6,350	26,200	10,100	311	209	36,700	15,100
29	40,300	9,410	41,100	23,700	19,900	6,110	21,900	11,800	365	220	36,100	15,300
30	39,600	13,400	40,700	28,900	19,700	7,560	24,100	9,240	---	---	35,300	13,800
31	34,500	20,000	---	---	17,400	7,010	25,500	12,100	---	---	36,200	13,900
MONTH	40,600	199	45,200	956	45,100	230	39,000	3,390	---	---	36,700	242

02299727 SHAKETT CREEK NR NOKOMIS, FL—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	35,800	17,000	26,000	5,450	45,100	30,300	32,400	13,500	264	157	452	303
2	36,400	14,300	29,200	6,970	46,200	30,800	34,900	13,300	397	206	499	362
3	37,100	17,000	29,400	7,260	47,800	31,200	37,000	14,400	282	194	518	374
4	37,600	20,400	26,700	7,940	48,000	33,000	35,500	11,800	272	184	1,250	428
5	38,600	17,900	27,100	10,800	48,400	34,500	30,100	11,600	272	179	1,570	739
6	38,900	19,300	33,800	11,200	48,200	36,600	25,800	11,700	222	151	1,040	218
7	38,500	21,500	36,100	11,200	48,500	36,800	25,400	11,900	217	156	233	137
8	39,700	18,100	37,900	13,800	48,600	38,900	18,700	10,900	251	151	167	123
9	41,100	18,800	38,900	14,000	47,800	39,900	15,400	10,700	271	194	218	124
10	41,700	20,000	39,200	15,000	48,400	42,100	17,000	10,900	281	187	217	126
11	40,600	20,100	39,200	13,900	48,200	35,700	22,500	7,760	359	187	195	110
12	37,700	22,100	39,100	15,400	48,000	37,400	22,200	530	507	211	203	101
13	28,000	18,700	39,800	19,100	48,200	27,400	6,810	530	379	244	273	114
14	22,800	15,000	37,400	20,500	44,100	23,500	11,000	2,260	402	216	312	172
15	25,400	19,600	40,300	26,500	44,200	25,300	14,100	1,640	252	142	410	233
16	27,800	16,600	39,900	22,800	42,600	18,400	17,800	3,420	190	119	424	298
17	29,500	15,600	40,300	22,100	35,900	19,500	22,500	6,230	222	120	468	317
18	31,300	18,500	42,300	22,900	40,100	18,400	26,500	8,080	272	151	444	350
19	32,000	17,900	42,900	23,200	39,900	17,800	27,200	8,650	334	189	557	401
20	35,300	19,300	44,000	24,400	40,800	16,900	14,200	752	336	245	1,320	508
21	37,300	20,500	43,600	21,800	36,700	17,600	767	254	361	221	4,020	1,230
22	37,100	18,700	44,300	22,600	35,400	18,400	318	227	415	226	10,600	3,740
23	37,200	19,400	44,300	21,100	40,200	18,500	294	202	382	250	15,200	4,640
24	38,000	19,300	45,000	21,100	39,700	20,900	416	209	460	251	17,600	4,450
25	37,000	21,300	44,500	24,600	40,100	24,300	420	294	481	254	20,400	3,720
26	36,300	21,400	43,600	26,200	39,600	25,300	529	337	443	271	29,300	669
27	35,500	17,200	42,200	26,800	41,100	23,800	829	408	420	286	700	132
28	35,400	22,800	42,400	28,200	39,800	21,400	3,370	534	421	184	255	106
29	36,900	15,500	43,800	31,000	40,800	17,700	1,030	192	425	186	190	105
30	25,100	6,660	45,100	33,800	31,900	12,300	269	131	423	199	217	112
31	---	---	44,900	32,900	---	---	233	123	433	245	---	---
MONTH	41,700	6,660	45,100	5,450	48,600	12,300	37,000	123	507	119	29,300	101

02299727 SHAKETT CREEK NR NOKOMIS, FL—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	360	331	40,300	39,100	42,400	41,500	29,100	25,200	33,300	26,600	386	249
2	385	333	41,400	39,900	42,600	40,000	27,700	24,300	30,500	19,800	457	285
3	440	367	42,100	40,800	42,500	41,400	29,400	22,700	29,000	16,900	8,070	304
4	526	438	43,400	41,800	44,100	42,100	31,200	25,400	29,700	17,300	14,000	1,580
5	558	497	43,700	42,400	44,300	43,100	32,400	28,500	32,200	21,000	17,200	3,740
6	7,370	540	43,500	42,400	44,300	42,200	32,600	28,900	32,400	23,700	18,300	3,810
7	16,800	1,250	43,500	40,600	43,600	42,000	32,700	23,600	31,900	24,100	18,600	5,610
8	20,300	7,560	42,600	38,100	44,000	42,200	35,500	27,900	28,500	19,100	17,300	7,710
9	21,700	9,610	41,800	36,000	44,800	42,700	38,400	33,400	30,900	22,400	18,800	9,500
10	23,600	11,400	39,300	37,200	44,800	43,300	38,600	33,400	33,500	30,300	24,800	12,400
11	25,100	13,400	40,500	37,400	44,100	42,500	35,300	27,700	33,200	31,700	22,800	13,100
12	25,700	13,800	41,100	1,180	44,100	42,500	36,400	30,300	33,000	31,600	28,100	12,700
13	26,000	14,600	38,700	26,200	43,800	42,600	37,400	34,700	32,800	31,000	31,000	16,500
14	25,800	13,500	36,600	34,400	44,000	34,200	38,000	36,300	32,400	29,000	33,500	20,900
15	24,700	14,400	38,200	34,200	40,800	20,300	38,200	37,300	29,900	16,900	35,300	24,900
16	25,000	15,800	39,700	38,100	26,800	604	38,300	36,400	18,400	6,070	35,900	28,300
17	30,400	19,900	40,200	39,300	1,240	346	37,900	35,800	16,900	2,850	33,000	19,500
18	32,100	25,900	41,600	39,900	1,250	349	38,700	36,100	17,300	4,280	32,100	19,400
19	33,200	28,000	42,300	40,500	513	307	38,000	24,600	23,600	6,490	33,100	20,400
20	35,700	31,300	41,800	40,900	455	306	35,000	22,700	27,000	13,600	33,500	24,700
21	36,100	31,500	41,100	39,900	478	295	33,100	22,600	28,700	18,400	34,300	27,800
22	36,400	34,000	41,400	40,300	14,500	300	33,500	26,000	28,400	21,000	34,900	27,100
23	35,900	33,700	42,600	40,300	21,800	4,160	35,100	28,300	28,400	23,300	33,200	26,100
24	36,100	34,200	43,300	41,500	23,600	7,750	35,700	30,900	29,700	26,500	33,800	27,400
25	38,400	35,000	44,900	42,000	23,800	9,940	35,800	32,500	29,800	731	37,100	30,400
26	39,600	36,600	45,100	42,900	22,600	12,800	36,100	33,900	863	350	38,500	33,500
27	41,400	38,600	45,200	43,600	24,900	14,600	36,200	33,700	350	261	39,200	35,500
28	43,600	40,600	45,100	41,900	28,100	21,300	35,700	28,000	315	208	40,400	36,600
29	42,300	39,900	44,800	41,900	30,000	26,300	31,100	25,800	368	223	40,200	37,900
30	41,900	39,000	42,700	40,800	30,000	25,700	33,100	28,100	---	---	40,100	38,300
31	40,600	39,100	---	---	29,900	25,700	33,000	28,700	---	---	40,100	38,300
MONTH	43,600	331	45,200	1,180	44,800	295	38,700	22,600	33,500	208	40,400	249
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	40,200	37,000	37,000	26,800	47,000	39,300	39,300	18,700	272	176	652	326
2	39,400	36,400	35,400	16,800	47,400	40,900	38,000	23,400	399	230	609	369
3	39,500	36,600	34,200	23,200	48,000	41,900	36,900	25,600	291	198	609	383
4	39,900	36,400	32,700	24,300	48,700	43,300	37,700	23,200	278	199	5,510	502
5	40,900	36,000	31,200	27,000	49,200	43,300	36,700	23,400	279	190	9,640	852
6	41,000	33,600	35,900	27,200	49,100	44,400	36,400	23,600	230	165	1,090	224
7	42,300	34,300	37,300	31,500	49,200	43,900	35,100	23,400	228	173	235	140
8	43,100	35,400	38,500	33,000	49,400	43,400	33,800	11,700	256	154	172	128
9	43,500	36,300	39,200	33,600	49,100	43,500	24,900	14,100	278	196	221	129
10	43,300	39,800	40,000	35,800	48,900	46,900	28,900	15,500	286	193	225	133
11	42,900	39,000	40,500	37,900	49,000	44,200	30,300	17,400	368	191	195	114
12	41,300	32,100	40,400	38,900	48,900	40,000	29,600	562	497	220	209	106
13	39,300	30,500	40,700	38,900	48,900	41,400	17,900	552	393	252	272	117
14	37,100	27,500	40,900	38,900	47,500	34,200	19,200	5,110	417	225	323	174
15	32,900	26,200	40,900	37,400	46,100	33,800	21,300	8,240	263	155	421	234
16	34,800	28,900	41,600	39,400	44,300	31,900	24,900	11,400	194	120	432	302
17	36,200	32,700	41,800	38,600	41,900	32,300	27,600	15,800	228	120	458	319
18	36,600	33,000	42,500	40,800	41,000	29,600	30,800	15,600	275	146	533	357
19	38,500	35,200	43,000	38,300	41,300	30,100	30,800	14,800	345	177	1,400	411
20	39,500	30,000	44,000	39,200	41,500	30,800	30,200	872	338	224	8,830	972
21	40,500	34,600	44,300	40,400	41,000	31,100	1,220	250	373	206	16,600	3,500
22	41,200	34,300	44,200	40,700	41,200	31,500	319	228	432	209	26,100	9,390
23	41,200	36,700	44,700	40,900	41,000	36,000	300	205	378	254	28,300	14,000
24	41,100	36,300	44,900	41,300	40,800	36,500	382	223	452	259	28,600	16,500
25	41,000	36,300	44,800	41,500	41,200	37,400	491	319	498	263	30,000	16,900
26	41,200	35,700	44,600	41,100	41,000	37,900	641	376	405	278	32,200	815
27	41,600	34,600	44,600	43,200	41,600	33,500	8,980	488	460	284	815	137
28	40,900	38,100	44,900	42,000	40,800	37,300	13,100	944	414	189	255	115
29	41,000	30,200	45,200	39,800	40,200	27,900	11,000	208	413	191	197	115
30	38,100	25,700	45,800	38,700	40,000	21,300	273	145	376	211	223	121
31	---	---	46,600	39,200	---	---	239	140	488	261	---	---
MONTH	43,500	25,700	46,600	16,800	49,400	21,300	39,300	140	498	120	32,200	106
YEAR	49,400	106										

02299727 SHAKETT CREEK NR NOKOMIS, FL—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	25.5	24.9	27.6	24.7	22.9	18.3	21.5	17.3	20.3	16.2	20.0	17.0
2	25.6	24.9	27.5	25.0	21.9	17.5	22.4	18.3	19.7	16.6	22.2	17.9
3	26.4	24.6	27.2	24.7	21.7	17.1	22.1	18.1	21.1	16.5	22.2	18.7
4	27.2	25.5	27.2	26.2	22.4	19.2	23.3	18.8	21.1	17.3	23.1	19.8
5	27.7	26.2	29.1	26.0	22.0	19.9	22.9	18.8	22.5	18.7	24.5	20.1
6	28.5	26.4	27.8	25.9	21.4	17.8	23.0	18.5	23.3	19.9	25.1	21.4
7	28.2	26.2	28.0	25.0	20.0	14.5	21.3	18.7	22.3	16.5	25.4	22.5
8	28.7	25.5	28.4	24.6	19.6	13.6	20.6	16.7	21.0	17.0	25.1	20.2
9	28.4	25.5	27.9	25.5	20.1	16.6	20.2	16.5	21.3	15.9	23.6	19.1
10	28.0	25.6	27.2	24.6	20.3	18.3	19.2	15.9	22.0	17.2	23.1	18.4
11	28.2	25.8	26.9	24.2	20.4	17.2	18.2	13.7	23.2	18.3	23.4	17.3
12	28.8	25.9	26.0	23.6	20.4	17.7	18.8	14.8	23.7	19.1	22.6	16.8
13	28.8	26.4	26.5	23.9	20.1	16.5	18.2	14.1	23.1	20.6	23.2	16.7
14	28.8	26.4	26.3	22.1	20.0	18.2	18.7	13.9	22.8	20.0	23.2	19.1
15	29.6	26.5	26.2	22.1	19.0	16.3	19.3	16.3	22.8	20.6	23.3	19.7
16	28.7	25.0	26.4	23.0	18.5	17.4	19.7	15.1	21.5	19.7	22.2	20.8
17	28.0	25.3	26.8	24.1	19.2	17.6	19.8	13.6	20.7	18.7	25.8	20.2
18	28.3	24.7	27.4	26.0	18.8	16.1	19.0	17.6	---	---	26.6	19.2
19	28.8	25.1	26.7	24.9	17.3	16.3	19.9	17.1	20.5	16.2	26.5	20.2
20	28.2	26.5	25.8	21.0	16.8	15.1	19.4	17.2	19.8	15.1	25.6	20.8
21	28.0	26.5	25.7	19.7	15.5	13.5	19.6	15.3	20.9	17.1	26.8	20.5
22	27.8	25.3	24.9	19.5	16.2	13.7	19.4	15.0	22.0	17.6	26.0	21.6
23	28.0	24.9	24.4	19.7	16.9	14.2	18.9	14.5	22.4	17.9	24.8	19.9
24	27.8	23.2	24.7	20.2	17.8	15.5	18.8	13.9	22.8	19.9	23.1	18.8
25	27.6	23.0	24.3	22.1	17.8	15.6	19.7	14.7	21.4	19.3	22.9	18.9
26	28.1	24.1	25.6	22.1	18.3	14.7	21.0	17.0	20.3	19.4	23.3	19.4
27	28.7	24.5	25.9	22.0	19.2	15.6	20.5	17.5	19.9	18.6	24.4	19.3
28	27.7	25.6	26.1	22.3	19.4	16.1	20.5	14.8	18.6	17.3	26.1	19.6
29	28.0	24.5	24.4	18.5	19.9	17.1	20.3	17.4	19.2	16.4	26.7	19.4
30	27.8	23.5	22.1	16.6	20.6	17.8	18.7	16.1	---	---	26.2	20.5
31	28.1	24.5	---	---	21.7	18.2	18.0	16.2	---	---	26.7	20.6
MONTH	29.6	23.0	29.1	16.6	22.9	13.5	23.3	13.6	---	---	26.8	16.7
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.9	20.8	29.8	24.3	33.9	30.9	32.6	29.1	29.0	28.2	32.0	27.9
2	26.3	18.4	29.7	25.9	34.1	30.2	32.2	28.2	28.2	26.9	30.9	28.4
3	26.2	19.3	28.9	24.8	34.3	29.4	32.6	28.4	28.7	26.8	30.6	28.4
4	26.0	19.7	29.0	23.0	33.5	28.5	32.6	28.3	28.4	27.6	30.0	28.2
5	26.1	19.9	28.9	22.2	32.8	28.6	33.1	28.3	29.1	27.5	28.2	26.4
6	25.7	18.7	28.4	23.0	32.5	28.4	33.8	28.9	29.8	28.5	26.4	25.3
7	25.9	21.4	28.3	23.0	32.0	28.2	32.6	28.9	29.9	29.0	28.5	26.2
8	26.1	22.5	29.2	23.3	32.8	27.9	32.4	29.4	29.1	27.8	28.7	27.6
9	27.1	22.5	28.1	22.5	33.0	28.4	34.0	30.4	29.4	27.4	28.6	27.5
10	28.9	22.4	27.4	23.3	33.1	28.7	34.8	31.0	29.9	27.6	28.6	27.4
11	27.4	20.8	28.3	23.6	33.8	31.0	34.8	30.2	30.7	28.3	29.0	27.8
12	25.2	22.7	28.9	23.9	34.2	31.5	32.7	29.6	30.5	29.0	28.9	27.7
13	25.2	21.9	29.9	24.7	34.2	30.2	32.7	29.2	29.8	26.6	28.7	28.2
14	24.1	20.0	29.8	24.8	33.1	29.8	33.5	29.8	27.3	25.5	28.3	27.5
15	25.4	18.5	30.3	25.0	33.2	30.6	32.7	30.0	28.5	26.4	28.7	27.1
16	26.2	18.7	29.9	26.0	32.9	28.7	32.7	28.0	29.2	27.1	29.5	27.4
17	25.4	19.0	30.5	25.3	32.7	29.3	31.2	28.0	29.7	28.1	30.5	27.9
18	26.2	19.2	30.1	26.3	33.6	29.4	31.3	28.7	29.9	28.1	31.8	28.6
19	26.8	20.7	30.3	26.2	34.0	29.6	30.3	27.9	31.4	28.4	31.9	28.5
20	27.1	20.7	31.2	25.9	34.0	29.5	29.1	26.4	29.9	28.3	29.1	27.6
21	26.4	22.7	31.3	26.2	33.8	29.5	27.6	25.6	30.5	28.6	27.7	26.5
22	27.9	23.1	31.5	26.3	33.9	29.9	29.4	26.8	31.2	28.6	28.3	26.2
23	29.1	23.0	31.8	25.9	34.5	30.0	29.7	27.7	29.1	27.2	28.9	26.1
24	29.3	23.0	31.9	25.9	34.4	30.0	30.8	28.7	29.8	27.7	28.6	27.0
25	28.5	24.3	32.5	26.3	35.0	29.5	32.2	29.2	30.0	28.6	28.4	26.8
26	29.5	24.7	33.3	26.4	35.1	31.6	32.0	29.9	29.6	28.1	27.3	24.9
27	28.9	24.5	33.8	27.9	33.8	30.4	31.4	29.1	30.1	28.5	26.7	24.5
28	29.0	22.1	33.7	28.2	33.7	29.0	30.6	28.2	29.1	27.1	28.0	26.4
29	28.0	24.4	34.3	29.2	33.8	29.0	28.8	27.1	30.2	27.5	28.4	27.2
30	29.2	23.0	34.3	29.9	32.2	28.6	29.6	27.1	31.3	29.1	28.7	27.6
31	---	---	34.1	31.0	---	---	29.0	28.2	31.7	29.0	---	---
MONTH	29.5	18.4	34.3	22.2	35.1	27.9	34.8	25.6	31.7	25.5	32.0	24.5

02299727 SHAKETT CREEK NR NOKOMIS, FL—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	25.4	24.8	27.3	26.5	22.0	19.8	20.8	20.4	17.9	17.1	18.7	16.7
2	25.5	24.8	26.8	26.2	21.5	20.5	21.0	20.8	18.8	17.8	19.0	17.8
3	25.8	24.5	26.5	25.6	21.1	19.6	21.0	20.8	19.3	18.4	20.0	18.4
4	26.9	25.4	26.2	25.5	20.6	19.8	21.8	20.9	20.0	18.9	21.2	19.8
5	27.3	26.1	26.4	25.7	21.1	20.3	22.0	21.2	21.0	19.9	22.3	20.3
6	27.6	26.2	26.9	26.2	21.5	19.9	22.3	21.5	22.6	20.5	23.5	21.6
7	27.9	26.4	27.4	26.7	20.9	17.7	22.3	19.3	22.4	21.8	24.3	23.0
8	28.4	27.5	27.6	26.9	18.5	17.6	19.3	17.8	21.9	19.2	24.7	23.3
9	28.3	27.6	27.5	26.9	18.9	17.6	19.0	18.1	19.3	18.0	24.3	22.4
10	28.0	27.5	27.0	25.5	20.1	18.6	19.1	17.9	19.6	18.2	22.5	21.0
11	27.7	27.1	25.9	25.6	20.2	19.5	18.2	16.0	20.8	19.4	21.9	20.2
12	28.0	27.1	25.9	24.7	20.3	19.4	16.5	15.9	21.6	20.6	21.2	20.1
13	28.3	27.7	26.1	25.7	19.8	18.9	17.4	16.3	22.6	21.5	21.6	20.3
14	29.0	27.7	26.4	25.6	19.8	18.9	18.1	17.3	22.7	22.3	21.6	20.7
15	29.0	28.2	25.8	24.8	19.5	18.7	18.4	18.0	22.5	21.5	21.7	21.4
16	29.0	27.9	25.4	24.8	19.2	17.4	18.8	18.4	21.8	20.7	22.5	21.6
17	28.1	27.5	25.9	25.3	19.0	17.9	19.0	18.4	20.9	19.5	23.3	21.6
18	28.5	27.9	26.4	25.8	18.1	16.7	18.8	18.4	20.1	18.2	24.1	22.3
19	28.7	28.3	26.2	26.0	17.2	16.3	19.5	18.0	19.3	18.2	24.4	22.5
20	28.6	28.1	26.0	25.0	16.3	15.0	19.4	18.6	18.6	18.1	24.8	23.8
21	28.4	27.6	25.5	22.7	15.1	13.5	18.8	17.9	19.4	18.1	25.3	24.1
22	27.8	27.4	24.7	22.6	15.8	13.6	18.2	17.6	20.4	18.9	25.4	24.2
23	27.6	27.1	23.7	22.6	17.1	14.8	18.1	16.9	21.1	20.3	24.4	21.5
24	27.4	26.3	23.8	23.0	18.1	15.7	17.9	17.6	21.8	21.0	23.0	20.9
25	27.1	26.2	23.8	23.5	18.1	16.5	18.7	17.8	22.6	20.0	21.8	20.4
26	26.9	26.4	24.4	23.7	18.2	17.1	20.0	18.4	20.2	19.3	21.4	20.8
27	27.8	26.7	24.8	24.2	18.6	17.4	20.4	19.2	19.8	18.5	22.4	21.2
28	27.7	27.2	25.9	24.7	18.9	18.3	20.6	20.0	18.5	17.2	23.2	21.8
29	27.6	27.3	25.6	23.4	19.2	18.8	20.2	18.8	17.8	16.3	23.6	22.6
30	27.6	27.4	23.4	20.5	19.9	19.2	19.0	18.0	---	---	24.2	23.1
31	27.5	27.0	---	---	20.4	19.8	18.2	17.1	---	---	24.9	23.4
MONTH	29.0	24.5	27.6	20.5	22.0	13.5	22.3	15.9	22.7	16.3	25.4	16.7
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.5	24.2	27.6	26.2	33.8	32.0	31.9	30.4	28.8	28.1	30.0	27.4
2	25.4	23.6	28.8	27.3	33.9	31.9	31.7	30.9	28.1	26.8	30.1	28.1
3	24.8	23.3	28.4	27.6	34.1	31.2	31.9	30.3	28.5	26.7	30.5	28.2
4	24.6	23.3	28.8	27.4	33.1	30.8	32.0	30.8	28.3	27.5	29.8	28.0
5	24.9	23.3	27.9	25.4	32.7	30.0	32.3	30.8	29.0	27.4	29.2	26.3
6	25.5	22.9	27.0	25.0	31.9	30.3	32.5	31.7	29.7	28.4	26.3	25.2
7	25.1	23.1	26.9	25.7	31.6	30.2	32.4	31.5	29.8	28.9	28.4	26.1
8	25.1	23.6	27.4	26.1	31.9	29.9	31.9	31.0	29.0	27.7	28.6	27.5
9	25.0	24.3	27.4	26.1	31.5	30.1	32.6	31.4	29.2	27.3	28.5	27.4
10	26.2	24.6	27.4	26.1	32.9	30.1	34.1	32.1	29.8	27.5	28.5	27.2
11	26.7	25.3	26.7	26.1	33.7	30.9	34.3	33.2	30.6	28.2	28.9	27.7
12	26.1	24.1	27.0	26.2	33.3	31.6	34.1	30.1	30.1	28.8	28.8	27.6
13	24.1	23.1	27.6	26.4	34.1	32.3	32.2	30.0	29.7	26.5	28.6	28.1
14	23.6	21.8	28.8	27.1	33.2	32.3	32.5	31.6	27.2	25.4	28.2	27.4
15	23.4	21.8	28.9	27.5	33.0	31.6	32.5	31.8	28.4	26.3	28.1	27.0
16	23.7	21.9	28.9	27.7	32.5	31.6	32.1	31.2	29.1	27.0	29.0	27.3
17	24.1	22.4	29.3	27.6	32.3	30.7	31.6	30.5	29.6	28.0	29.9	27.7
18	25.0	23.1	29.3	27.6	32.6	30.7	30.6	29.7	29.8	28.0	30.2	28.3
19	24.8	23.5	29.2	27.9	33.0	31.2	30.4	29.3	30.4	28.3	30.5	28.2
20	26.3	23.8	29.8	27.8	33.1	31.9	29.4	26.3	29.7	28.1	30.2	27.9
21	26.1	24.2	29.9	28.0	33.2	32.1	27.5	25.5	30.0	28.4	29.1	27.1
22	27.5	24.6	30.8	28.3	33.4	32.2	29.3	26.7	29.4	28.5	28.3	26.7
23	27.2	25.5	31.0	28.8	33.8	32.5	29.6	27.5	28.7	27.1	28.5	27.3
24	28.1	26.1	31.0	29.1	33.9	32.8	29.9	28.5	29.4	27.6	28.6	27.9
25	28.0	26.6	31.4	29.3	34.2	32.7	30.8	29.1	29.5	28.5	28.5	27.9
26	29.3	26.8	31.4	29.5	34.1	32.6	30.6	29.7	29.3	27.8	28.0	24.9
27	28.7	27.2	31.5	29.9	34.0	32.7	30.8	29.5	29.4	28.4	26.6	24.4
28	27.7	26.0	32.8	30.5	33.4	32.1	31.0	28.2	28.9	26.9	27.9	26.3
29	26.7	25.6	33.5	30.8	32.9	31.6	29.8	27.6	29.9	27.4	28.2	27.1
30	26.3	25.7	33.9	31.4	31.6	30.0	29.5	27.0	30.4	29.0	28.6	27.5
31	---	---	33.7	32.0	---	---	28.9	28.0	31.0	28.5	---	---
MONTH	29.3	21.8	33.9	25.0	34.2	29.9	34.3	25.5	31.0	25.4	30.5	24.4
YEAR	34.3	13.5										

02299727 SHAKETT CREEK NR NOKOMIS, FL—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	287	151	40,400	16,300	44,500	23,500	10,700	5,570	29,600	13,000	487	295
2	361	208	40,700	18,500	44,700	18,900	17,600	7,230	29,900	14,300	353	223
3	425	292	40,300	15,100	45,000	21,600	22,600	10,700	33,000	13,100	366	200
4	4,290	396	39,700	18,200	44,300	18,100	24,000	12,600	29,300	16,200	429	245
5	5,420	2,040	40,700	13,500	43,700	21,400	24,400	11,100	30,800	19,700	432	271
6	8,260	3,860	31,600	17,800	43,400	32,900	28,800	10,700	39,000	21,300	539	304
7	9,540	6,120	34,700	19,100	44,100	25,000	30,400	10,600	40,700	19,700	5,700	387
8	14,200	5,770	34,000	17,500	44,600	26,000	33,200	10,700	41,600	22,100	8,440	1,110
9	19,500	11,700	37,800	19,300	44,600	21,700	32,800	13,700	42,800	23,000	7,780	2,030
10	23,600	9,750	40,200	21,800	45,500	21,400	37,000	14,100	43,100	24,300	7,140	1,760
11	25,900	12,700	43,500	21,200	44,700	26,300	38,800	15,000	38,600	19,900	6,910	1,370
12	20,500	6,730	45,000	26,200	44,500	27,600	39,200	14,000	36,100	24,900	6,600	795
13	15,100	3,780	45,100	26,300	45,800	25,600	40,100	19,100	39,600	28,700	4,820	1,360
14	14,400	1,750	44,700	27,700	45,900	20,100	39,600	6,180	38,300	24,200	4,600	1,420
15	15,500	4,380	43,600	33,400	---	---	9,210	3,290	36,800	23,600	8,560	1,160
16	15,700	1,980	45,600	38,000	43,600	35,900	3,940	1,700	37,400	17,500	6,860	1,290
17	17,900	1,360	45,700	30,200	44,300	34,200	---	---	36,400	18,200	3,400	330
18	22,300	2,520	46,200	26,700	45,600	26,400	---	---	37,000	19,300	330	225
19	23,400	6,690	46,600	32,400	45,800	25,500	11,000	3,300	36,100	24,500	244	184
20	24,400	7,800	46,500	33,700	43,000	24,600	17,200	1,620	38,000	22,400	259	177
21	24,300	6,320	46,700	41,200	44,400	24,000	20,800	4,540	38,300	21,600	354	236
22	24,300	10,900	46,800	35,600	45,800	31,300	22,700	5,150	39,300	21,900	423	313
23	27,000	12,400	46,800	31,000	45,700	35,600	19,700	6,500	38,400	20,900	451	356
24	29,100	16,300	47,200	31,000	45,700	22,600	18,400	10,500	38,300	25,900	691	395
25	30,100	13,500	45,800	33,000	44,300	19,400	22,800	9,530	38,600	22,600	885	620
26	34,100	12,400	45,600	22,900	19,400	1,550	26,600	7,880	38,600	26,100	905	598
27	35,800	12,600	44,700	23,800	2,400	503	26,500	8,420	37,300	912	1,690	608
28	37,700	13,700	44,500	28,100	2,000	1,270	26,500	11,100	1,080	456	2,220	671
29	38,700	14,500	44,200	29,200	8,480	2,000	24,000	12,700	---	---	3,250	1,040
30	39,100	15,600	44,400	25,400	13,400	4,490	27,200	15,400	---	---	5,040	1,330
31	39,500	15,300	---	---	15,600	4,050	29,800	12,500	---	---	5,850	1,090
MONTH	39,500	151	47,200	13,500	---	---	---	---	43,100	456	8,560	177
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	9,980	1,090	28,400	12,200	30,500	9,830	184	154	442	331	22,800	6,160
2	7,660	2,050	25,100	10,900	16,400	476	218	137	441	293	25,000	7,060
3	2,310	790	23,800	10,500	623	444	277	161	754	271	25,000	10,900
4	2,790	759	26,400	14,300	587	406	356	182	4,300	556	27,600	16,700
5	10,200	1,540	21,700	8,890	477	268	393	241	7,580	1,220	29,500	17,000
6	16,900	1,910	20,000	8,630	339	289	413	269	10,700	1,360	29,400	17,000
7	17,300	4,410	18,400	6,310	410	285	430	304	8,060	1,450	32,300	16,300
8	17,300	2,800	22,100	8,200	429	284	453	354	5,620	1,340	34,900	16,000
9	13,700	1,260	26,300	9,590	379	234	436	275	5,020	825	35,600	18,200
10	15,100	2,380	28,400	10,800	304	155	275	230	1,930	799	37,500	17,800
11	17,500	4,860	30,200	10,800	298	155	295	224	3,770	1,210	38,500	18,600
12	22,800	6,850	32,200	11,400	181	150	334	226	6,810	1,530	40,400	21,200
13	24,200	4,790	32,800	13,700	161	132	308	200	8,720	2,750	43,400	22,100
14	20,700	4,750	36,600	15,400	177	130	226	140	12,200	1,650	44,600	24,200
15	20,700	3,050	36,000	19,100	220	145	220	132	13,600	1,980	41,800	23,700
16	22,500	13,800	36,000	21,500	298	177	264	124	18,200	1,760	45,000	27,100
17	25,900	14,300	32,200	22,200	407	233	328	153	22,800	2,420	45,700	28,900
18	27,800	9,660	36,200	23,900	406	268	397	202	25,700	4,300	46,100	29,700
19	31,100	10,400	36,000	27,200	469	307	366	272	30,100	5,690	45,600	25,800
20	34,900	13,100	39,900	30,000	480	361	406	290	30,100	7,830	40,300	32,400
21	36,200	17,000	41,000	28,000	463	368	411	345	29,100	11,000	47,900	31,600
22	38,500	17,700	42,600	26,200	529	362	426	344	25,200	11,000	49,700	30,800
23	39,200	25,100	42,900	26,700	465	375	458	387	20,500	5,420	48,900	28,700
24	37,600	16,100	43,400	29,000	455	302	471	432	16,200	2,530	48,400	24,700
25	39,200	17,000	44,900	26,300	451	352	494	370	17,300	6,340	47,800	25,900
26	40,100	21,600	45,200	26,300	469	381	418	216	14,600	9,170	47,700	26,400
27	30,000	16,000	44,800	28,800	478	407	263	179	30,600	10,100	47,500	25,800
28	25,900	12,700	44,200	29,700	530	443	339	207	29,900	8,340	46,700	18,500
29	26,600	11,600	43,300	28,000	477	281	353	250	29,600	6,290	45,800	18,200
30	27,400	11,400	43,100	32,300	284	169	373	274	24,500	5,700	39,400	23,400
31	---	---	40,900	28,700	---	---	447	298	22,900	7,340	---	---
MONTH	40,100	759	45,200	6,310	30,500	130	494	124	30,600	271	49,700	6,160

02299727 SHAKETT CREEK NR NOKOMIS, FL—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	287	156	41,900	36,600	46,500	45,000	30,900	18,500	36,900	35,100	499	303
2	651	203	42,200	38,800	46,900	43,000	33,300	22,300	36,300	35,100	365	234
3	5,750	285	42,200	39,300	46,900	45,300	33,900	26,800	37,300	34,500	418	232
4	14,800	1,520	41,700	38,500	46,500	45,100	33,800	30,900	37,300	31,500	578	260
5	17,900	5,360	41,500	38,600	46,200	44,400	35,300	32,100	40,100	28,200	736	291
6	21,100	7,760	40,300	36,500	45,800	44,500	35,500	31,800	44,400	36,100	7,630	351
7	21,900	7,630	38,800	36,200	46,700	44,700	35,300	30,900	44,700	37,600	15,200	900
8	26,700	10,700	40,100	35,300	47,100	45,500	35,400	30,200	44,600	37,000	19,800	1,860
9	31,600	19,400	40,400	38,500	47,200	38,800	35,300	30,200	44,400	38,100	18,300	7,080
10	33,500	20,700	40,300	37,800	48,000	40,600	37,400	30,900	45,100	35,800	17,100	3,570
11	34,300	23,000	43,900	38,700	48,000	41,600	39,500	33,300	42,400	34,900	18,600	3,660
12	32,100	12,400	45,100	40,800	47,200	45,400	40,700	34,600	40,700	34,900	17,900	4,880
13	27,700	10,000	45,400	40,100	47,800	45,400	41,800	36,900	42,200	39,100	17,800	3,730
14	25,000	8,980	44,800	41,400	47,900	46,500	41,400	12,000	42,700	38,500	18,300	3,400
15	26,500	11,700	44,600	37,900	47,300	42,100	28,700	7,080	42,500	38,600	16,800	3,980
16	25,800	10,600	45,600	41,000	47,300	43,800	9,560	4,020	42,200	39,500	17,500	5,780
17	27,000	12,400	47,000	44,200	48,500	45,500	11,700	1,880	40,800	36,900	13,800	340
18	30,300	15,500	47,400	45,400	48,600	46,800	14,400	2,700	40,100	35,300	340	233
19	31,600	18,800	47,600	44,000	48,300	46,900	24,700	5,540	39,500	32,200	253	193
20	32,700	19,700	48,100	45,200	48,000	45,000	29,600	11,300	40,600	34,900	270	187
21	32,500	21,000	48,100	44,900	47,400	44,700	32,200	18,000	40,500	36,100	364	246
22	33,000	23,900	47,900	45,900	49,400	45,900	32,300	20,300	41,000	34,900	436	332
23	35,600	26,900	48,000	44,200	49,000	46,900	31,000	18,700	41,400	34,500	462	366
24	36,700	30,100	48,300	46,600	49,000	47,200	27,600	17,000	41,900	29,500	702	403
25	37,800	31,900	48,200	41,200	48,900	42,100	31,500	18,900	41,800	34,600	878	622
26	38,000	30,200	47,800	45,500	45,100	3,100	34,600	25,400	42,200	36,800	7,810	692
27	39,200	30,000	47,000	44,800	13,300	1,020	34,500	28,800	42,100	2,640	11,800	966
28	40,000	31,300	46,900	43,600	11,300	1,670	33,600	26,600	2,640	463	13,900	748
29	40,000	32,200	46,200	44,000	21,500	3,350	33,300	27,200	---	---	10,200	1,230
30	40,500	34,100	46,000	44,200	26,200	9,380	36,700	31,900	---	---	12,300	1,430
31	41,000	35,700	---	---	29,900	15,500	37,800	34,200	---	---	17,400	4,240
MONTH	41,000	156	48,300	35,300	49,400	1,020	41,800	1,880	45,100	463	19,800	187
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	20,600	6,830	34,500	29,800	43,900	18,700	181	148	437	339	28,500	17,900
2	21,200	5,470	34,000	29,800	33,600	491	211	131	424	303	29,500	20,800
3	8,400	1,580	33,400	28,500	670	475	270	159	7,640	277	31,300	24,500
4	13,700	1,600	33,400	22,100	631	438	359	184	12,600	675	34,800	29,500
5	20,600	3,390	32,500	15,500	505	310	385	246	15,400	2,280	36,200	30,300
6	26,700	10,600	31,200	15,900	372	321	417	277	19,900	6,710	37,500	32,500
7	28,400	8,900	26,900	15,100	426	343	442	305	20,200	2,300	39,200	33,200
8	29,500	13,000	30,100	20,200	466	325	562	352	17,300	3,740	39,700	33,800
9	26,800	9,010	31,300	24,600	409	275	428	276	17,100	867	39,700	31,100
10	24,200	12,400	32,100	27,500	338	211	276	233	10,600	1,270	40,600	29,600
11	30,000	15,500	33,000	30,000	324	193	287	229	12,200	2,670	41,400	34,300
12	31,900	21,300	34,100	30,900	222	193	319	232	15,700	5,610	41,900	34,700
13	32,600	29,200	35,800	31,800	210	137	293	202	19,900	6,630	43,200	40,300
14	31,000	26,800	37,100	33,400	183	136	235	148	23,400	6,000	43,900	41,400
15	29,600	22,800	37,900	35,900	241	162	225	151	23,300	7,070	43,900	39,300
16	30,300	19,400	37,700	35,000	316	218	255	142	27,200	11,900	45,500	40,200
17	31,700	23,400	37,700	36,300	406	277	312	174	30,200	12,600	45,000	41,200
18	34,400	30,000	37,800	36,400	434	312	384	239	30,500	15,700	46,000	43,900
19	36,100	33,200	38,400	35,800	487	343	370	304	32,100	17,500	46,700	43,700
20	37,600	34,700	39,800	36,800	515	387	402	332	33,300	20,200	46,800	38,400
21	38,700	36,400	41,100	37,900	478	383	438	385	32,700	22,800	49,700	40,200
22	38,800	37,200	41,200	37,900	531	370	425	370	34,400	20,400	49,900	45,300
23	38,900	27,800	41,600	38,100	583	382	460	415	33,900	16,600	48,800	43,300
24	39,400	36,300	42,600	38,900	457	314	538	436	32,200	14,100	48,600	44,600
25	38,500	34,800	45,500	38,800	466	360	492	406	29,000	13,500	48,500	44,300
26	39,100	33,100	46,100	39,300	492	388	426	229	20,500	8,820	48,700	44,200
27	39,200	25,000	46,000	41,400	538	421	260	197	39,800	18,300	47,900	44,900
28	35,500	21,700	46,200	41,400	630	452	325	222	39,200	26,400	47,000	43,200
29	34,200	20,800	46,100	42,700	481	281	338	260	37,000	24,200	47,100	44,100
30	35,100	28,000	45,700	43,700	288	162	359	286	33,900	11,800	45,700	42,400
31	---	---	44,700	38,500	---	---	438	307	31,100	18,100	---	---
MONTH	39,400	1,580	46,200	15,100	43,900	136	562	131	39,800	277	49,900	17,900
YEAR	49,900	131										

02299727 SHAKETT CREEK NR NOKOMIS, FL—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.6	27.4	28.2	25.0	25.9	21.9	19.8	17.5	21.6	16.7	21.4	20.5
2	30.2	28.0	28.5	25.6	25.2	22.5	20.8	17.1	21.8	17.5	20.7	19.3
3	30.4	27.7	29.0	25.4	25.4	20.7	21.1	17.2	21.9	17.8	19.3	17.0
4	30.6	27.8	29.3	26.4	24.9	18.6	22.2	17.1	20.2	16.9	19.6	16.7
5	30.4	27.7	29.1	26.0	25.2	19.8	22.0	18.3	19.4	16.2	21.8	16.6
6	30.3	27.9	27.8	23.9	25.7	22.4	22.7	18.1	19.1	16.0	20.8	16.3
7	29.1	27.6	27.7	24.3	25.5	21.5	22.9	18.9	20.0	16.7	19.8	17.5
8	29.4	26.8	26.5	23.7	26.8	21.7	23.4	18.3	20.2	17.1	20.7	18.0
9	28.9	27.4	25.6	21.2	25.7	22.0	23.5	19.5	20.9	17.7	19.6	16.7
10	28.3	27.4	25.3	22.0	25.2	23.1	23.2	20.0	21.0	18.6	20.7	15.9
11	27.8	25.9	25.3	21.6	24.7	20.7	23.0	19.8	20.7	16.0	21.0	17.3
12	28.8	25.4	25.4	21.8	23.0	18.9	23.2	19.1	19.8	15.2	21.5	17.0
13	28.6	25.2	25.4	22.3	22.8	17.2	23.9	21.2	20.0	15.8	21.2	17.3
14	28.7	24.1	25.0	22.8	21.2	17.7	23.3	20.3	21.0	17.8	22.0	18.9
15	27.1	24.6	24.6	22.3	---	---	20.6	19.4	22.2	17.8	22.5	19.1
16	27.0	22.1	24.1	22.1	17.3	14.0	19.9	17.7	22.8	18.0	23.7	20.2
17	26.8	22.4	24.1	21.5	17.5	15.5	18.9	16.8	23.3	18.5	22.4	20.5
18	26.9	24.0	25.3	21.0	18.6	15.8	17.9	15.8	22.7	17.6	20.5	19.9
19	28.2	25.3	25.5	23.3	20.1	14.6	18.0	14.9	23.0	18.0	20.2	19.0
20	30.1	26.5	26.1	24.5	18.5	13.6	16.3	12.0	22.9	18.2	19.4	18.8
21	29.4	27.6	26.7	24.5	18.9	11.6	17.3	13.8	23.2	19.0	20.9	19.1
22	28.9	26.7	27.0	24.2	18.9	15.2	18.3	14.9	24.5	20.2	24.3	20.9
23	28.4	26.1	26.4	23.1	19.3	17.5	18.0	14.2	24.7	20.5	23.3	22.6
24	28.5	26.1	26.0	23.4	18.7	17.6	17.9	14.6	24.3	21.6	23.8	21.7
25	29.0	25.0	26.3	24.3	17.8	16.0	17.8	13.6	24.1	21.7	25.4	22.8
26	28.0	24.4	25.6	19.8	16.6	14.9	17.9	14.0	24.1	21.5	26.6	24.3
27	27.9	23.4	23.8	19.7	15.5	13.9	19.9	15.9	23.2	21.6	26.6	24.2
28	27.5	23.0	24.8	21.5	15.7	13.9	19.3	16.9	21.8	21.1	26.1	24.0
29	27.7	23.8	24.6	20.1	16.6	14.4	20.5	17.3	---	---	26.1	22.6
30	28.0	24.0	24.6	20.0	17.9	15.0	20.9	18.2	---	---	26.6	22.1
31	28.1	24.1	---	---	18.6	16.8	21.3	17.5	---	---	26.1	22.0
MONTH	30.6	22.1	29.3	19.7	---	---	23.9	12.0	24.7	15.2	26.6	15.9
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	26.8	22.8	25.3	23.8	29.9	27.0	29.6	27.7	32.4	29.9	32.2	29.2
2	26.0	23.0	29.4	22.9	28.4	25.5	30.0	28.7	32.0	30.2	32.2	29.2
3	26.1	22.9	29.2	23.4	26.3	25.2	31.0	29.3	31.6	29.6	32.0	29.0
4	26.1	21.6	26.4	24.7	27.2	25.5	31.7	29.7	32.8	29.5	31.6	28.5
5	26.4	21.0	26.3	23.9	26.7	24.4	32.4	30.6	32.3	29.2	31.2	28.2
6	26.3	21.2	26.7	23.9	28.3	26.1	32.8	30.2	34.1	29.0	31.4	27.6
7	24.4	22.4	28.3	22.2	29.4	27.2	33.0	30.4	32.4	29.2	31.3	28.4
8	26.8	22.0	28.3	24.0	30.2	28.0	33.0	30.1	32.0	28.8	31.0	28.5
9	26.8	21.9	28.5	23.9	29.2	26.8	30.1	26.1	30.6	28.8	32.8	28.3
10	27.1	21.8	28.9	23.5	26.8	25.6	27.3	25.6	31.5	28.2	33.2	29.1
11	27.0	22.4	28.8	24.7	28.2	25.1	29.6	26.9	32.3	29.2	33.6	29.5
12	27.0	22.6	29.2	24.4	28.7	27.7	30.8	28.5	32.3	29.6	34.0	29.8
13	26.6	22.2	28.6	23.9	29.6	27.2	30.0	28.8	34.5	30.0	33.0	31.4
14	26.7	21.7	29.2	23.1	30.4	28.5	28.8	26.6	33.4	31.3	32.6	31.1
15	25.1	21.4	30.2	24.4	30.4	29.4	29.2	27.6	34.0	31.1	32.4	30.6
16	25.0	20.6	31.3	25.1	31.0	29.0	29.9	28.5	34.1	31.9	32.2	29.9
17	25.1	20.1	31.9	26.6	31.3	29.3	30.5	28.7	33.5	30.3	32.2	28.6
18	26.0	19.4	30.6	27.1	32.0	29.9	30.7	29.0	33.3	29.8	31.9	28.3
19	26.0	19.2	30.7	25.5	32.3	29.7	31.1	29.8	33.7	30.1	31.8	28.2
20	25.9	21.3	31.6	26.2	30.8	29.0	30.8	29.1	34.2	30.2	30.3	28.5
21	27.3	20.9	31.8	27.7	29.0	25.9	31.4	29.1	33.2	29.9	28.5	27.5
22	27.9	21.4	32.0	27.4	26.8	26.3	32.0	29.6	33.0	29.4	28.2	27.6
23	26.7	22.8	31.9	27.4	27.0	25.9	33.1	30.0	32.5	30.0	28.9	27.3
24	27.0	21.3	30.5	27.3	26.7	24.8	32.7	30.1	32.4	29.0	30.1	27.5
25	27.1	21.7	30.6	26.9	29.1	26.0	32.3	29.9	31.9	29.8	31.5	28.5
26	25.8	21.9	29.9	26.5	31.2	27.1	30.4	28.8	30.6	29.2	32.2	30.3
27	26.0	22.4	31.1	25.7	30.1	27.8	30.6	28.3	29.9	28.5	32.1	30.0
28	26.5	21.6	31.6	26.5	31.4	27.8	31.0	29.7	31.3	28.4	31.8	28.9
29	28.0	21.9	32.5	26.9	28.4	26.2	32.1	29.3	32.2	29.5	32.7	29.9
30	28.3	22.8	32.4	27.5	28.0	26.5	32.2	30.1	32.2	30.1	31.4	29.7
31	---	---	32.3	28.4	---	---	32.0	29.7	33.3	30.8	---	---
MONTH	28.3	19.2	32.5	22.2	32.3	24.4	33.1	25.6	34.5	28.2	34.0	27.3

02299727 SHAKETT CREEK NR NOKOMIS, FL—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.1	27.3	27.8	27.5	24.7	23.7	19.7	18.0	20.3	19.7	21.3	20.4
2	29.2	27.8	28.2	27.6	24.8	24.4	20.2	19.0	20.0	19.6	20.6	19.3
3	29.1	27.6	28.7	28.0	25.2	24.5	20.4	19.8	19.9	19.5	19.3	16.9
4	29.8	28.0	29.1	28.4	25.2	24.3	20.6	20.3	20.3	19.1	18.3	16.7
5	30.1	28.5	29.2	28.6	24.6	23.2	20.8	20.5	19.1	16.8	18.4	16.5
6	30.5	29.1	28.8	27.5	23.8	22.4	21.2	20.5	18.1	17.1	18.1	16.4
7	30.1	28.2	27.6	26.2	24.0	22.7	22.0	20.8	18.9	17.8	19.9	17.6
8	29.3	28.0	26.8	25.4	24.1	23.3	22.6	21.6	19.4	18.4	20.2	18.2
9	28.3	27.8	25.7	23.9	25.2	23.7	22.9	22.1	20.2	19.0	20.1	18.6
10	28.2	27.8	24.8	23.3	24.9	24.2	22.9	22.5	20.4	19.7	19.8	17.7
11	27.9	27.3	24.2	23.2	24.6	23.0	22.8	22.2	20.4	18.8	19.3	18.1
12	27.3	26.4	24.5	23.5	23.6	20.0	22.4	22.0	19.3	18.1	20.3	18.3
13	27.3	26.4	24.9	24.2	21.7	19.9	22.9	22.2	18.6	17.7	20.7	19.3
14	27.4	26.2	25.0	24.1	21.4	20.0	22.9	21.2	19.5	18.0	21.2	19.9
15	27.4	26.4	24.6	23.3	20.5	16.1	22.0	20.2	20.0	18.8	21.9	20.6
16	27.1	24.9	23.7	22.8	17.0	15.0	20.2	18.9	20.7	19.5	22.9	21.4
17	26.5	24.5	23.6	23.0	17.0	16.2	19.1	17.6	21.4	20.3	22.1	20.4
18	27.4	25.2	24.2	23.6	17.6	16.7	18.3	16.0	21.7	21.0	20.4	19.8
19	28.4	26.4	25.2	23.8	18.7	17.4	17.4	15.2	21.4	19.7	20.1	18.9
20	29.2	27.3	25.2	24.1	18.6	17.6	16.2	15.6	20.9	20.0	19.3	18.8
21	29.3	28.3	26.1	24.5	18.4	15.9	16.7	15.8	22.8	20.4	20.8	19.0
22	29.3	28.8	26.0	24.8	17.4	16.2	18.2	16.4	23.6	21.7	23.4	20.8
23	29.2	27.6	25.6	24.7	18.4	16.7	18.4	17.4	24.4	22.5	23.2	22.5
24	27.9	26.7	25.7	24.7	18.5	18.1	18.4	15.7	24.0	23.2	23.3	21.6
25	27.4	26.7	25.5	25.0	18.4	16.3	16.2	15.6	23.9	23.4	25.3	22.7
26	27.3	26.6	25.3	23.2	16.7	15.5	17.0	16.2	23.4	22.7	25.5	24.1
27	27.1	26.1	24.7	22.4	15.8	14.2	18.7	16.9	22.9	21.5	26.0	24.6
28	26.6	25.9	23.7	22.5	15.8	13.8	19.3	18.1	21.7	21.0	25.5	23.8
29	26.6	26.3	23.9	23.4	16.9	14.6	19.3	18.9	---	---	24.8	22.7
30	27.1	26.4	24.1	23.4	18.1	15.7	19.7	19.2	---	---	24.1	22.4
31	27.5	26.9	---	---	18.6	17.2	20.3	19.6	---	---	24.4	23.4
MONTH	30.5	24.5	29.2	22.4	25.2	13.8	22.9	15.2	24.4	16.8	26.0	16.4
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.0	24.1	25.8	25.2	30.7	28.6	29.5	27.6	31.9	29.6	32.4	31.8
2	24.9	24.2	25.5	25.0	29.3	25.3	29.9	28.6	31.0	30.0	32.1	31.3
3	24.8	22.9	26.3	25.3	26.1	25.1	30.9	29.2	31.3	29.4	31.5	30.7
4	23.2	21.2	26.7	25.8	26.6	25.4	31.5	29.5	31.6	30.2	31.2	30.5
5	23.4	22.1	26.1	25.4	26.6	24.3	31.8	30.3	31.5	30.6	30.7	29.8
6	24.2	23.0	26.2	25.3	28.2	26.0	31.7	30.1	31.3	31.0	30.2	29.7
7	24.6	23.4	26.8	25.2	29.3	27.1	31.9	30.0	31.8	30.5	30.4	29.9
8	24.6	23.9	27.3	25.3	29.4	27.7	31.5	30.0	31.2	30.3	30.7	30.2
9	24.8	23.7	26.9	26.0	29.0	26.7	30.0	25.9	31.3	28.8	31.3	30.6
10	25.8	24.2	27.2	26.5	26.7	25.5	27.2	25.4	30.6	28.3	31.9	31.1
11	25.1	23.8	27.5	26.7	28.1	25.0	29.5	26.8	31.1	29.5	32.6	31.9
12	24.8	24.2	27.3	26.6	28.6	27.6	30.3	28.4	31.7	30.5	32.8	32.1
13	25.0	24.5	27.3	26.5	29.5	27.1	29.9	28.6	32.7	30.8	32.5	31.7
14	25.0	24.5	27.3	26.1	30.3	28.4	28.7	26.5	33.3	31.7	32.4	31.6
15	24.7	23.6	27.2	26.2	30.3	29.2	29.1	27.5	33.4	32.3	32.0	31.3
16	24.0	21.8	27.9	26.8	30.8	28.9	29.8	28.4	33.6	32.9	31.5	30.5
17	22.6	21.1	28.5	27.5	30.8	29.1	30.3	28.6	33.6	32.6	31.2	30.0
18	22.3	21.5	29.2	28.1	31.4	29.8	30.6	28.8	33.0	31.8	30.8	30.0
19	23.4	22.1	29.5	28.5	31.5	29.4	30.5	29.7	32.9	32.1	30.7	30.0
20	24.1	23.2	29.8	28.5	30.6	28.9	29.8	28.8	33.2	32.4	30.5	28.9
21	24.8	23.8	30.1	28.8	28.9	25.5	30.9	28.7	33.0	32.4	29.2	27.6
22	25.5	24.5	30.7	29.6	26.7	26.2	30.8	28.8	32.7	32.0	28.2	27.9
23	26.5	25.1	30.9	29.4	26.3	25.7	31.7	29.3	32.8	31.7	28.4	27.8
24	26.3	25.4	30.2	28.5	26.6	24.7	32.1	29.4	32.7	30.6	28.8	28.2
25	25.5	23.2	29.4	27.8	27.9	25.6	30.6	29.1	32.8	31.3	30.0	28.7
26	25.0	23.4	29.5	27.5	29.4	26.7	30.3	28.7	32.1	29.4	30.8	29.4
27	24.8	23.7	30.0	27.8	28.9	27.5	30.5	28.2	30.5	28.7	31.3	30.3
28	25.5	24.0	29.8	28.8	29.1	27.4	30.3	29.6	29.9	29.1	31.3	30.9
29	25.2	24.3	30.5	29.3	28.3	26.1	31.5	29.1	31.0	29.8	31.5	30.7
30	25.4	24.5	31.9	29.9	27.9	26.4	31.6	29.6	31.7	30.7	31.0	30.5
31	---	---	31.5	30.3	---	---	31.4	29.1	32.4	31.4	---	---
MONTH	26.5	21.1	31.9	25.0	31.5	24.3	32.1	25.4	33.6	28.3	32.8	27.6
YEAR	33.6	13.8										

02299732 VENICE HARBOR AT VENICE YACHT CLUB AT VENICE, FL.

LOCATION.--Lat 27° 06'32", long 82° 27'40", in SW, SE, in SW$^{1}/_{4}$ sec.1, T.39 S., R.19 E., Sarasota County, Hydrologic Unit 03100201, on the end of a 30 ft mooring dock at the Venice Yacht Club. This gage is about 100 ft east of previous tidal gage of around 1989 or so. Gage is about 500 ft west of the Intercoastal Waterway and about 2,500 ft southeast of the Venice Inlet and the Gulf of Mexico. An O.S.V.G. is available for reference.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--Tidal information available for 1989-1990; April 2004 to current year (tidal high-high and low-low only).

GAGE.--Water-stage recorder. Datum of gage is North American Vertical Datum of 1988.

REMARKS.--Interruptions in record were due to days in which tidal high-high or low-low did not occur, or there was an equipment malfunction. Also, the gage bottoms out around 2.32 ft below NAVD; therefore, published low-low is probably exceeded at times most years. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 2.29 ft, July 10, 2005; minimum, 2.32 ft below North American Vertical Datum of 1988, Dec. 25, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 2.29 ft, July 10; minimum, 2.32 ft below North American Vertical Datum of 1988, Dec. 25.

GAGE HEIGHT, FEET
PERIOD APRIL 2004 TO SEPTEMBER 2004

DAY	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	0.59	-1.31	1.01	-1.67	1.16	-2.03	1.61	-1.74	0.43	-1.05
2	---	---	0.74	-0.99	1.06	-1.83	1.15	-2.16	1.06	-1.49	0.29	-1.15
3	---	---	0.77	-1.66	1.19	-2.19	1.21	-2.00	1.10	-1.17	0.37	-1.07
4	---	---	0.33	-2.24	1.20	-2.06	1.17	-1.84	0.64	-0.88	0.38	-1.22
5	---	---	0.52	-2.26	1.30	-1.87	1.01	-1.61	0.44	-0.69	0.12	-1.04
6	---	---	0.92	-2.18	1.08	-1.69	0.55	-1.52	0.58	-0.58	1.90	0.16
7	---	---	0.90	-2.15	0.83	-1.46	0.38	-1.01	0.58	-0.62	1.10	-0.60
8	---	---	0.92	-1.87	0.58	-0.23	0.10	-0.78	0.69	-0.80	0.69	-1.00
9	---	---	0.94	---	0.34	-1.38	0.13	-0.77	0.34	-1.14	0.73	-0.99
10	---	---	0.62	-1.70	0.27	-1.00	0.27	-1.10	0.44	-1.27	0.52	-1.35
11	---	---	0.34	-1.44	0.33	-0.64	0.45	-1.13	0.60	-1.30	0.71	-1.16
12	---	---	0.39	-1.35	0.40	-1.00	0.34	-1.57	0.99	-1.15	0.94	-0.85
13	---	---	0.23	-1.08	0.53	-1.22	0.66	-1.46	1.16	-2.01	0.88	-0.72
14	---	---	0.18	-1.03	0.78	-1.30	0.61	-1.65	0.94	-1.49	1.27	-0.42
15	---	---	0.29	-1.22	0.81	-1.38	0.79	-1.74	0.85	-1.60	2.22	0.00
16	---	---	0.13	-1.55	0.76	-1.70	0.82	-1.62	0.77	-1.41	1.14	-0.55
17	---	---	0.30	-1.52	0.81	-1.66	1.07	-1.53	0.72	-1.13	0.74	-0.67
18	---	---	0.47	-1.66	0.82	-1.79	1.11	-1.61	0.67	-1.01	0.75	-1.16
19	---	---	0.71	-1.48	0.84	-1.61	1.24	-1.32	0.50	-0.81	0.90	-1.41
20	---	---	0.74	-1.60	0.80	-1.69	0.83	-1.38	0.45	-0.65	0.75	-1.43
21	0.60	-1.59	0.58	-1.60	0.79	-1.43	0.45	-1.35	0.64	-0.86	0.52	-1.88
22	0.48	-1.84	0.83	-1.44	0.67	-1.56	0.17	-1.15	0.75	-0.99	0.99	-1.12
23	0.23	-1.86	0.70	-1.47	0.44	-1.14	0.09	-0.96	0.77	-1.15	0.92	-1.14
24	0.38	-1.71	0.50	-1.48	0.22	-0.47	0.31	-0.69	0.79	-1.42	0.91	-1.16
25	0.31	-1.56	0.31	---	0.13	-1.04	0.50	-1.07	0.76	-1.66	1.10	-1.23
26	0.18	---	0.15	-1.55	0.19	-0.96	0.47	-1.40	0.93	-1.66	1.70	-0.62
27	0.01	-1.41	-0.15	-1.31	0.46	-1.06	0.72	-1.68	1.03	-1.73	1.50	-0.22
28	0.09	-1.83	0.05	-1.22	0.53	-1.50	0.75	-1.91	1.00	-1.61	0.80	-0.62
29	-0.07	-1.61	0.11	-1.08	0.85	-1.83	0.98	-1.93	1.07	-1.47	0.56	-1.02
30	0.28	-1.53	0.62	-1.04	0.93	-1.92	1.33	-1.61	1.03	-1.23	0.72	-1.10
31	---	---	0.79	-1.47	---	---	1.38	-1.69	0.83	-1.01	---	---
MAX	---	---	0.94	---	1.30	-0.23	1.38	-0.69	1.61	-0.58	2.22	0.16
MIN	---	---	-0.15	---	0.13	-2.19	0.09	-2.16	0.34	-2.01	0.12	-1.88

02299732 VENICE HARBOR AT VENICE YACHT CLUB AT VENICE, FL---Continued.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	1.14		-1.03		1.14		-0.88		0.66		-1.67		-0.13		-1.62		0.70		-0.85		-0.15		-1.63	
2	0.84		-1.17		1.14		-0.73		0.31		-1.43		0.06		-1.22		0.60		-1.01		-0.15		-1.92	
3	0.58		-1.20		0.94		-0.90		0.10		-1.60		0.03		-1.26		0.95		-1.45		0.03		---	
4	0.72		-0.89		0.69		-0.84		0.05		-1.44		0.09		-1.11		0.30		-1.51		0.11		-2.25	
5	0.55		-0.93		1.02		-1.25		-0.11		-1.42		0.36		-1.29		0.69		-2.20		-0.54		-2.23	
6	0.57		-0.92		-0.19		-1.31		0.10		-0.93		0.53		-1.72		1.31		-2.27		0.31		-2.29	
7	0.29		-1.16		0.32		-0.91		0.47		-1.12		0.56		-1.93		1.50		-1.99		1.00		-2.12	
8	0.50		-0.83		0.21		-0.95		0.30		-1.28		0.71		-2.25		1.61		-1.49		0.31		-1.38	
9	0.88		-0.50		0.21		-0.99		0.81		-1.89		0.63		---		1.59		-1.55		0.29		-2.12	
10	0.95		-0.50		0.72		-1.42		1.02		-1.74		---		---		0.32		-1.08		-0.40		-2.15	
11	1.30		-0.47		1.42		-1.21		0.39		-2.03		1.17		-2.27		0.45		-1.88		0.52		-1.46	
12	0.91		-0.44		1.74		-1.12		0.65		---		-0.25		-2.02		0.12		-1.39		0.23		-1.74	
13	0.94		-0.57		1.28		-1.37		---		---		1.00		-1.33		0.81		-0.62		0.26		-1.60	
14	0.66		-1.10		0.53		-2.02		0.73		---		0.93		-1.62		0.56		-0.87		0.17		-1.99	
15	1.21		-0.63		-0.17		-2.25		-0.43		---		-0.41		-1.81		0.39		-0.35		0.20		-1.75	
16	0.95		-1.46		0.86		-1.82		-0.43		---		-0.68		-2.03		0.41		-1.24		0.77		---	
17	0.91		-1.64		0.91		-1.51		-0.13		-1.75		-0.40		-1.82		0.51		-1.06		0.41		-1.40	
18	1.03		-1.46		0.62		-1.22		-0.17		-1.33		-0.35		-2.06		0.07		-1.61		-0.32		-1.46	
19	1.21		-1.23		0.53		-0.99		-0.09		-1.33		0.16		-2.24		0.11		-2.01		-0.28		-1.75	
20	0.99		-1.27		0.54		-0.68		-0.46		-1.72		0.55		-1.99		0.34		-1.93		0.24		-1.72	
21	0.67		-1.31		0.52		-0.55		0.08		-1.84		0.81		-1.39		0.37		-1.82		0.54		-1.45	
22	0.44		-1.21		0.83		-0.77		0.72		-1.88		1.06		-1.53		0.38		-1.84		0.48		-1.21	
23	0.67		-0.95		1.11		-0.84		0.56		-1.48		-0.21		-1.42		0.61		-1.79		0.57		-1.30	
24	0.77		-0.58		1.71		-0.85		0.22		-1.95		---		---		0.06		-1.45		0.01		-1.32	
25	0.74		-0.62		0.56		-0.63		0.00		-2.32		0.72		-2.06		0.44		-1.39		0.26		-1.27	
26	0.74		-0.97		0.69		-1.92		1.71		-1.85		0.06		-1.42		0.45		-1.38		0.42		-1.23	
27	0.50		-1.22		1.65		-1.67		-0.31		---		0.84		-1.66		1.34		-0.91		0.77		-1.24	
28	1.06		-1.21		0.40		-1.49		---		---		0.74		-1.48		0.60		-1.31		0.66		-1.75	
29	0.35		-1.25		0.49		-1.90		0.06		-2.15		0.19		-1.46		---		---		0.32		-1.87	
30	1.10		-1.15		---		-1.71		-0.41		-2.11		0.67		-0.58		---		---		0.45		-1.84	
31	1.18		-1.07		---		---		0.28		-1.68		0.46		-0.93		---		---		0.75		-1.64	
MAX	1.30		-0.44		---		-0.55		---		---		---		---		1.61		-0.35		1.00		---	
MIN	0.29		-1.64		---		-2.25		---		---		---		---		0.06		-2.27		-0.54		---	
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	0.77		---		1.00		-1.67		0.54		-0.96		0.63		-1.22		0.74		-1.48		0.91		-1.37	
2	0.28		-1.45		0.31		-1.26		0.73		-1.08		0.73		-1.34		0.80		-1.55		1.03		-1.11	
3	---		---		0.32		-1.42		1.05		-1.11		0.86		-1.41		0.87		-1.60		0.87		-0.92	
4	0.23		-2.27		0.69		-1.02		0.84		-1.37		0.79		-1.64		0.75		-1.66		0.74		-0.73	
5	0.59		-1.78		0.95		-0.96		0.97		-1.64		0.99		-1.49		0.80		-1.59		0.62		-0.71	
6	0.39		-1.38		0.30		-1.81		0.87		-1.60		1.18		-1.36		0.64		-1.84		0.53		-0.81	
7	0.74		-1.00		0.35		-1.90		0.81		-1.76		1.03		-1.40		0.55		-1.65		0.57		-0.79	
8	0.83		-1.31		0.93		-1.64		0.90		-1.59		1.07		-1.68		0.43		-1.17		0.70		-0.86	
9	0.53		-1.72		0.96		-1.76		0.84		-1.67		1.55		-0.33		0.22		-0.99		0.69		-0.92	
10	0.63		-1.79		0.99		-1.71		-0.07		-0.53		2.29		-0.18		0.27		-0.80		0.74		-0.96	
11	0.92		-1.37		0.72		-1.75		1.21		-0.58		0.65		-0.98		0.36		-0.81		0.70		-1.14	
12	1.02		-1.16		0.78		-1.49		0.34		-0.93		0.48		-0.78		0.62		-0.90		0.80		-1.14	
13	0.80		-1.52		0.65		-1.42		0.14		---		0.23		-0.65		0.56		-1.10		1.29		-1.12	
14	0.62		---		0.68		---		0.32		-0.71		0.30		-0.58		0.76		-1.36		1.44		-1.03	
15	-0.13		-1.52		0.42		-1.14		0.20		-0.66		0.59		-0.73		0.88		-1.60		1.34		-1.15	
16	-0.51		-2.10		0.16		-1.11		0.43		-0.64		0.78		-0.88		0.94		-1.61		1.52		-1.00	
17	-0.14		-2.19		0.01		-1.10		0.65		-0.94		0.77		-1.31		1.12		-1.74		1.27		-0.81	
18	-0.07		-1.88		0.14		-1.11		0.84		-1.26		1.07		-1.51		1.39		-1.62		1.20		-0.66	
19	0.25		-1.49		0.32		-1.05		-0.04		-1.71		1.26		-1.69		1.44		-1.41		0.89		-0.81	
20	0.44		-1.30		0.61		-0.93		0.93		-1.83		1.33		-1.73		1.32		-1.30		0.56		-1.58	
21	0.51		-0.86		0.92		-1.40		1.08		-1.84		1.41		-1.70		1.14		-0.98		1.73		-1.15	
22	0.65		-0.94		0.78		-1.75		1.24		-2.18		1.37		-1.66		0.85		-0.85		2.16		-0.57	
23	0.80		-0.96		0.87		-1.99		1.29		-2.00		0.87		-1.66		0.75		-0.79		1.69		-0.67	
24	0.50		-1.76		1.11		-1.96		1.04		-1.81		0.78		-1.42		0.77		-0.83		1.28		-0.64	
25	0.75		-1.92		1.30		-1.91		1.07		-1.42		0.49		-0.86		0.66		-1.19		0.93		-0.71	
26	1.24		-1.63		1.18		-1.88		0.81		-1.07		0.23		-0.71		-0.41		-2.07		0.85		-0.80	
27	1.01		-1.99		1.04		-1.85		0.39		-0.31		0.35		-0.94		1.48		0.37		0.80		-0.73	
28	0.47		-1.84		0.79		-1.55		0.36		-1.09		0.32		-1.17		1.57		-0.53		0.99		-0.60	
29	0.81		---		0.47		-0.13		0.51		-0.67		0.44		-1.26		1.30		-0.84		0.98		-0.70	
30	1.25		-1.54		0.58		-1.25		0.58		-0.87		0.49		-1.47		1.13		-0.94		0.86		-0.58	
31	---		---		0.90		-0.86		---		---		0.64		-1.42		0.90		-1.13		---		---	
MAX	---		---		1.30		---		1.29		---		2.29		-0.18		1.57		0.37		2.16		-0.57	
MIN	---		---		0.01		---		-0.07		---		0.23		-1.73		-0.41		-2.07		0.53		-1.58	

02299732 VENICE HARBOR AT VENICE YACHT CLUB AT VENICE, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Station established on April 20, 2004 to present.

INSTRUMENTATION.--Water-quality monitor from station analysis consisting of specific conductance and temperature sensors located 0.05 ft below NAVD to measure near surface conditions and 3.2 ft below North Amcrican Vertical Datum of 1988 to measure near bottom conditions.

REMARKS.--Records good. Interruptions in top sensor record due to instrument malfunctions or probe out of water.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 55,600 microsiemens, Nov. 4, 5, 2004; bottom sensor maximum, 54,000 microsiemens, June 29, 2004; top sensor minimum, 1,350 microsiemens, June 15, 2005; bottom sensor minimum, 3,890 microsiemens, June 14, 2005.

TEMPERATURE.--Top sensor maximum, 34.4° C, Aug. 2, 19, 2005; bottom sensor maximum, 34.2° C, Aug. 19, 2005; top sensor minimum, 12.2° C, Dec. 28, 2004; bottom sensor minimum, 12.2° C, Dec. 27, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 55,600 microsiemens, Nov. 4, 5; bottom sensor maximum, 53,300 microsiemens, May 30; top sensor minimum, 1,350 microsiemens, June 15; bottom sensor minimum, 3,890 microsiemens, June 14.

TEMPERATURE.--Top sensor maximum, 34.4° C, Aug. 2, 19; bottom sensor maximum, 34.2° C, Aug. 19; top sensor minimum, 12.2° C, Dec. 28; bottom sensor minimum, 12.2° C, Dec. 27.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
PERIOD APRIL 2004 SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	53,200	43,200	53,700	51,100	53,200	44,000	52,900	35,200	50,100	27,100
2	---	---	53,200	47,200	53,500	50,400	53,000	43,500	51,800	36,600	48,000	29,500
3	---	---	53,200	45,000	54,100	50,400	53,500	43,600	50,600	26,500	52,000	35,700
4	---	---	---	---	55,100	50,900	53,500	36,700	44,700	20,400	51,900	38,700
5	---	---	---	---	54,000	50,800	53,400	39,700	44,300	13,100	50,800	41,200
6	---	---	---	---	53,700	50,800	53,600	37,300	38,500	8,330	49,700	33,400
7	---	---	52,900	48,800	53,400	51,600	52,400	41,000	22,500	5,440	39,000	21,900
8	---	---	53,600	49,000	53,000	51,100	53,000	44,400	28,600	5,480	36,100	3,900
9	---	---	53,400	50,200	52,800	50,400	52,500	47,000	20,400	6,520	22,400	3,840
10	---	---	53,000	48,400	53,200	51,200	51,800	47,000	44,500	7,440	16,100	5,920
11	---	---	53,300	48,300	53,100	52,000	52,300	46,800	49,000	12,400	42,000	6,500
12	---	---	53,400	48,800	53,100	51,100	51,200	46,800	51,300	17,300	31,900	8,880
13	---	---	52,500	50,100	53,000	45,800	53,600	43,400	48,000	17,800	39,200	10,400
14	---	---	52,000	48,600	52,200	45,200	54,000	49,100	45,500	15,000	45,100	15,300
15	---	---	51,900	50,400	51,500	45,700	54,400	49,900	47,100	9,040	48,200	20,500
16	---	---	51,900	49,100	50,700	42,300	54,400	49,100	45,700	8,280	42,600	19,600
17	---	---	52,100	49,600	48,600	42,800	54,400	49,800	48,600	6,960	49,800	19,600
18	---	---	52,600	49,300	50,500	43,800	54,400	50,400	48,400	10,700	49,000	18,200
19	---	---	52,900	49,800	51,000	43,400	54,300	48,300	47,800	12,200	49,900	26,200
20	---	---	53,000	50,400	51,300	47,300	53,200	39,500	46,800	12,600	50,000	31,700
21	52,300	49,200	53,500	49,600	50,600	46,600	51,800	29,900	47,000	9,060	51,100	34,100
22	52,300	47,200	53,300	49,600	50,000	44,800	51,700	22,300	49,800	10,600	48,800	39,700
23	52,400	47,200	53,200	49,600	48,600	43,000	51,200	20,900	49,000	11,600	51,700	39,900
24	52,600	48,100	53,300	49,500	48,400	42,700	51,800	26,200	48,700	13,000	52,000	41,200
25	52,700	43,000	53,900	50,300	47,200	43,400	51,400	31,400	49,400	12,400	51,900	43,200
26	52,700	46,300	53,600	50,900	46,600	41,400	52,300	32,500	49,600	14,000	50,700	45,900
27	53,100	48,300	53,600	52,500	45,600	39,800	53,300	32,500	49,400	15,000	49,800	39,800
28	50,600	46,200	53,600	52,700	52,800	39,200	53,400	26,700	49,700	18,900	49,000	26,400
29	52,200	43,300	53,600	52,800	53,400	44,700	53,100	22,700	50,800	21,300	48,900	11,800
30	52,400	39,300	53,900	52,500	52,900	44,200	52,300	25,100	51,700	26,200	49,600	15,200
31	---	---	53,700	44,400	---	---	51,900	18,500	51,700	24,000	---	---
MONTH	---	---	---	---	55,100	39,200	54,400	18,500	52,900	5,440	52,000	3,840

02299732 VENICE HARBOR AT VENICE YACHT CLUB AT VENICE, FL—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
PERIOD APRIL 2004 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	52,600	45,700	53,900	51,900	52,500	48,400	53,400	39,900	50,600	40,200
2	---	---	52,600	47,800	53,800	50,600	52,700	45,000	51,800	39,400	51,200	38,400
3	---	---	52,400	45,400	53,800	51,000	53,100	47,100	51,000	36,500	53,400	35,100
4	---	---	51,800	46,500	53,800	51,600	53,400	47,300	50,400	32,300	53,500	40,200
5	---	---	52,200	48,500	53,800	51,500	53,100	44,400	50,500	23,900	53,400	42,300
6	---	---	52,300	48,900	53,800	51,500	53,300	44,500	51,100	27,300	51,100	37,800
7	---	---	52,500	49,700	53,900	52,200	53,100	43,700	52,500	26,600	51,600	36,400
8	---	---	52,600	49,700	53,800	52,700	53,200	46,500	52,500	30,000	52,100	32,200
9	---	---	52,600	50,200	53,600	51,500	53,100	48,800	52,800	32,000	52,200	31,400
10	---	---	52,600	49,600	53,800	52,400	53,000	49,700	53,100	36,000	51,000	27,500
11	---	---	52,700	48,900	53,800	52,600	53,200	49,200	53,200	37,300	50,400	22,800
12	---	---	52,900	48,400	53,700	52,000	53,100	48,800	53,200	36,700	51,100	31,400
13	---	---	52,800	49,500	53,800	50,800	53,100	49,900	52,200	34,400	51,000	31,500
14	---	---	52,800	48,200	53,500	48,600	53,000	49,600	51,100	28,400	51,600	29,600
15	---	---	52,800	49,500	53,400	48,600	53,500	50,300	50,800	24,800	51,800	30,400
16	---	---	52,800	49,400	53,400	47,600	53,600	50,400	51,200	30,100	50,300	35,300
17	---	---	52,500	49,200	53,100	47,200	53,500	50,700	51,500	32,800	50,500	36,300
18	---	---	52,400	47,600	53,100	50,200	53,500	50,800	51,800	29,700	49,700	35,900
19	---	---	52,400	49,400	53,000	50,600	53,400	49,100	51,600	36,200	50,700	36,700
20	---	---	52,500	50,500	53,200	50,900	53,000	44,400	51,700	37,600	51,800	33,200
21	52,500	50,800	52,700	50,600	53,200	50,600	52,700	44,500	51,100	32,500	52,500	35,800
22	52,300	49,300	52,800	51,200	52,900	49,300	52,900	42,600	51,300	31,500	52,600	39,800
23	52,400	48,500	52,800	50,700	52,600	49,300	53,200	44,300	51,400	32,800	52,200	39,900
24	52,600	48,900	53,400	50,600	52,300	49,200	53,300	44,800	50,100	33,400	52,400	41,700
25	52,600	49,400	53,500	51,000	52,300	48,700	53,200	45,800	49,800	34,700	52,600	46,700
26	52,500	49,400	53,600	52,200	52,100	48,800	53,500	44,800	50,000	35,300	52,100	48,200
27	52,600	49,000	53,600	52,800	52,000	48,100	53,600	45,300	49,300	36,700	50,200	46,000
28	52,500	47,100	53,700	53,200	53,900	47,900	53,500	38,500	50,500	37,500	50,800	40,400
29	52,500	46,900	53,800	53,200	54,000	48,400	53,600	41,700	50,800	39,400	50,900	36,900
30	52,500	41,200	53,800	52,600	53,400	47,400	53,400	40,700	51,100	41,300	52,000	37,500
31	---	---	53,900	52,400	---	---	53,100	39,400	51,700	34,200	---	---
MONTH	---	---	53,900	45,400	54,000	47,200	53,600	38,500	53,400	23,900	53,500	22,800

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
PERIOD APRIL 2004 TO SEPTEMBER 2004

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	27.4	25.1	32.2	29.9	32.0	28.9	30.7	29.3	34.1	29.0
2	---	---	28.4	26.0	32.3	30.2	31.9	29.4	30.0	28.6	32.6	29.0
3	---	---	27.4	26.3	32.1	29.5	32.0	28.7	30.3	27.9	31.8	28.5
4	---	---	26.8	24.5	31.5	29.7	31.7	28.9	29.9	27.9	31.1	28.2
5	---	---	26.2	23.4	31.3	29.5	32.4	28.3	30.2	28.0	30.1	26.8
6	---	---	26.1	23.1	31.6	29.2	32.2	28.9	31.6	28.3	27.1	26.3
7	---	---	26.2	23.7	31.3	29.6	31.8	29.0	30.8	28.9	29.6	26.7
8	---	---	26.4	24.3	30.7	29.5	32.1	29.1	30.5	29.2	30.8	27.7
9	---	---	26.1	24.4	30.8	29.0	32.8	29.8	32.2	28.7	29.9	28.1
10	---	---	25.7	24.3	31.3	29.4	33.5	30.8	33.1	28.9	30.6	27.3
11	---	---	25.9	24.4	32.1	30.0	33.4	30.6	33.1	30.1	30.6	27.7
12	---	---	26.5	24.8	32.6	30.5	32.9	29.6	32.5	29.4	30.1	27.5
13	---	---	26.8	25.3	32.9	30.6	33.2	31.5	32.0	28.2	29.7	27.4
14	---	---	27.2	25.7	32.2	29.2	32.9	31.5	30.2	27.3	29.2	27.6
15	---	---	27.5	25.5	32.3	29.2	32.4	31.3	32.2	27.1	29.1	27.4
16	---	---	27.4	25.7	31.4	29.5	32.0	30.6	32.0	27.6	30.5	27.3
17	---	---	27.4	25.4	31.5	28.7	31.3	30.0	32.7	27.6	31.2	28.0
18	---	---	27.7	25.5	31.5	29.1	30.8	29.9	33.4	28.0	30.4	28.0
19	---	---	27.3	25.7	32.1	29.2	30.2	29.2	34.2	28.1	30.6	27.0
20	---	---	27.8	25.8	32.0	30.8	29.4	27.8	32.9	28.8	29.2	26.7
21	23.1	21.4	28.0	25.7	32.1	30.9	31.1	26.9	32.0	28.8	28.6	25.7
22	24.9	21.7	28.2	26.3	32.2	30.9	31.3	28.7	32.6	28.1	28.6	26.5
23	25.5	22.9	28.5	26.6	32.4	29.4	31.6	28.6	31.6	28.5	29.3	25.9
24	25.5	23.4	28.7	26.8	32.3	30.3	31.6	29.2	32.0	28.6	29.1	26.6
25	26.0	24.2	28.7	26.7	32.1	29.8	31.9	28.9	32.4	28.8	28.4	26.6
26	26.9	24.3	28.9	27.7	32.6	30.3	31.7	29.7	32.7	28.9	27.7	26.0
27	27.3	24.7	29.8	28.3	32.6	30.0	32.9	29.9	33.0	29.5	27.8	25.7
28	25.7	22.6	30.2	28.5	32.4	29.1	32.2	29.8	33.9	28.1	30.5	26.5
29	25.6	23.8	31.0	29.1	31.8	29.4	32.0	29.0	33.9	29.1	30.3	26.8
30	26.2	24.0	31.4	29.4	31.3	28.5	31.6	28.0	33.7	30.2	30.4	26.6
31	---	---	32.1	29.5	---	---	31.4	28.2	33.8	28.8	---	---
MONTH	---	---	32.1	23.1	32.9	28.5	33.5	26.9	34.2	27.1	34.1	25.7

02299732 VENICE HARBOR AT VENICE YACHT CLUB AT VENICE, FL—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
PERIOD APRIL 2004 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	27.3	24.8	31.8	29.8	31.9	30.2	30.7	29.8	32.6	31.1
2	---	---	28.1	25.7	32.2	29.9	31.7	30.8	30.1	29.0	31.9	30.5
3	---	---	27.4	25.9	32.0	29.9	31.8	30.6	30.2	28.6	31.4	29.3
4	---	---	26.9	24.7	31.6	30.1	31.6	30.6	29.9	29.1	31.0	28.7
5	---	---	26.1	23.9	31.2	30.0	32.3	30.8	29.4	28.3	30.3	26.8
6	---	---	26.1	24.0	31.3	30.1	32.1	31.3	29.3	29.0	27.7	26.3
7	---	---	26.1	24.7	31.2	30.2	31.9	30.9	29.7	29.2	28.3	26.9
8	---	---	26.2	24.8	30.8	29.7	32.0	30.4	29.9	29.4	29.2	28.1
9	---	---	26.0	25.0	30.7	29.7	32.3	30.8	30.5	29.5	29.4	28.4
10	---	---	25.7	24.9	31.1	29.6	32.9	31.3	31.2	30.0	29.8	28.6
11	---	---	25.6	24.7	31.8	30.3	33.1	31.3	31.9	30.1	30.2	29.0
12	---	---	26.3	25.0	32.3	30.6	32.5	30.6	32.3	30.8	29.6	28.9
13	---	---	26.8	25.2	32.6	30.9	33.1	31.4	31.3	29.0	29.3	28.9
14	---	---	27.2	25.3	32.0	30.6	32.8	31.4	29.9	28.8	29.3	28.5
15	---	---	27.2	25.3	32.2	30.5	32.2	31.3	31.1	29.2	28.9	28.2
16	---	---	27.1	25.6	31.4	30.7	31.8	31.0	30.8	29.7	28.9	28.0
17	---	---	27.3	25.5	31.4	30.2	31.3	30.1	30.9	29.8	29.9	28.6
18	---	---	27.6	25.6	31.5	30.1	30.6	29.9	31.6	29.9	30.0	29.2
19	---	---	27.1	25.8	32.0	30.5	30.3	29.2	31.2	30.3	30.0	28.8
20	---	---	27.6	26.0	31.9	30.6	29.5	28.2	31.2	30.8	29.3	27.1
21	22.9	21.4	27.8	26.5	32.0	30.9	31.1	28.4	31.4	30.4	28.7	26.9
22	24.6	22.0	27.9	26.7	32.0	31.0	31.0	29.6	31.5	30.4	28.6	26.6
23	25.3	22.8	28.2	26.9	32.3	31.2	31.2	29.7	31.8	30.6	29.1	26.5
24	25.3	23.1	28.4	27.2	32.1	30.5	31.0	29.8	31.1	30.5	29.1	27.4
25	25.8	23.6	28.5	27.3	32.0	30.1	31.1	30.1	31.7	30.5	28.3	27.3
26	26.7	24.2	28.8	27.5	32.1	30.8	31.6	30.6	32.0	31.2	27.3	26.0
27	26.9	24.7	29.2	28.2	32.4	30.8	32.1	30.4	32.1	31.1	27.5	25.7
28	25.4	24.2	29.9	28.4	32.0	30.3	31.8	30.4	33.0	30.8	28.5	26.6
29	25.3	23.8	30.8	28.8	31.6	30.6	31.4	30.1	33.3	31.0	28.6	27.0
30	25.6	23.9	31.2	29.2	31.3	30.5	31.5	30.2	33.0	30.9	28.6	27.3
31	---	---	31.8	29.5	---	---	31.0	30.0	33.4	31.5	---	---
MONTH	---	---	31.8	23.9	32.6	29.6	33.1	28.2	33.4	28.3	32.6	25.7

02299732 VENICE HARBOR AT VENICE YACHT CLUB AT VENICE, FL—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	51,600	23,100	54,300	46,400	51,000	44,300	50,000	44,100	50,200	43,700	48,500	16,400
2	51,100	26,600	54,500	45,900	51,100	43,100	48,400	45,700	50,600	44,100	47,800	13,000
3	52,200	28,300	55,400	46,400	51,200	46,700	48,100	45,600	50,700	38,500	46,000	15,000
4	52,600	26,400	55,600	49,200	51,300	47,100	51,100	45,900	50,700	43,200	49,800	22,600
5	51,700	26,000	55,600	48,000	50,900	47,600	51,000	43,800	50,800	44,000	50,400	28,800
6	51,600	29,200	54,300	49,800	50,900	48,400	51,100	38,300	50,500	45,600	50,500	21,400
7	46,000	35,100	53,600	50,400	51,000	48,100	50,900	33,200	50,800	40,000	50,400	27,900
8	52,400	39,900	53,500	51,200	50,700	46,000	51,200	33,500	50,900	46,900	---	---
9	53,000	43,200	52,900	49,600	51,300	43,700	51,200	36,000	50,800	46,600	49,600	32,900
10	52,400	41,000	52,300	47,900	51,300	43,300	51,400	42,900	50,800	49,200	---	---
11	52,700	36,100	50,900	43,000	51,200	32,800	51,700	44,800	50,700	47,300	---	---
12	52,400	34,000	52,600	41,500	51,100	42,500	51,400	45,500	50,500	49,500	51,500	36,500
13	52,500	41,600	52,600	46,900	50,900	44,400	50,800	47,300	50,600	48,900	51,800	38,500
14	53,300	31,600	51,200	42,300	49,800	45,100	50,400	29,100	50,300	48,500	51,800	36,100
15	53,600	42,000	49,200	44,700	50,000	46,800	48,400	30,600	50,500	39,800	52,500	30,800
16	52,900	35,800	50,200	45,200	50,300	48,800	48,100	38,800	50,900	37,700	51,200	31,400
17	53,300	34,600	50,800	47,100	50,500	48,100	44,600	34,400	50,800	44,100	46,900	20,500
18	53,800	41,600	50,600	49,100	50,700	49,600	47,700	39,400	50,800	41,600	20,500	7,620
19	54,200	43,600	50,800	47,800	50,800	49,600	51,200	42,000	51,300	31,200	20,900	4,490
20	54,400	45,000	50,800	49,400	50,800	49,000	50,900	39,900	51,200	46,700	44,800	5,040
21	54,500	46,700	50,700	48,200	50,800	48,200	50,900	47,000	51,100	46,600	47,200	7,520
22	53,200	47,400	50,700	46,800	51,100	48,200	51,000	36,500	51,100	43,400	44,400	26,100
23	53,600	48,900	50,800	46,500	51,000	49,300	51,000	45,100	51,100	40,900	50,300	25,800
24	54,600	49,100	50,800	47,200	51,100	46,800	50,300	39,400	51,100	46,800	50,900	20,900
25	54,700	49,400	50,200	45,400	50,500	35,000	50,200	37,700	51,200	45,300	51,300	22,000
26	54,600	48,300	50,300	39,200	50,300	39,200	50,300	43,100	50,400	46,500	51,100	25,500
27	53,700	46,500	50,400	42,100	47,800	36,000	50,000	42,700	50,300	37,500	50,200	31,000
28	54,400	44,900	50,600	42,700	49,900	38,400	49,700	42,400	50,200	29,800	50,900	37,200
29	55,200	46,500	50,600	41,600	50,100	37,500	49,600	43,500	---	---	51,700	29,200
30	54,400	46,200	51,000	43,200	50,300	42,400	50,300	46,000	---	---	51,200	18,100
31	54,500	47,600	---	---	49,200	44,800	50,000	43,000	---	---	51,100	28,600
MONTH	55,200	23,100	55,600	39,200	51,300	32,800	51,700	29,100	51,300	29,800	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	50,900	26,900	52,100	39,300	49,800	23,200	24,000	4,560	53,800	34,600	49,800	38,900
2	50,100	39,300	52,200	36,900	45,400	20,000	37,700	6,810	52,500	33,600	50,400	38,200
3	51,400	30,800	51,000	41,500	49,900	17,900	39,100	13,000	51,900	36,000	50,000	41,700
4	51,700	32,200	52,200	44,000	48,500	17,000	45,300	6,590	49,700	35,000	48,700	46,200
5	51,500	36,200	51,200	42,600	48,900	10,700	47,200	18,500	49,900	29,700	47,900	46,900
6	51,400	41,600	51,400	40,800	48,400	6,830	48,400	21,800	49,300	25,000	49,400	47,800
7	50,600	42,000	49,500	42,500	50,100	9,860	49,200	23,800	49,700	25,600	51,100	49,300
8	51,400	40,700	51,400	45,200	50,900	16,500	50,100	26,600	50,100	34,800	51,200	48,800
9	51,400	43,000	51,500	42,900	49,900	14,900	30,100	22,300	50,400	38,000	52,000	50,000
10	51,500	42,000	51,900	42,300	32,400	19,700	28,300	11,000	50,800	36,800	52,100	48,300
11	52,100	41,300	51,900	41,600	41,600	8,380	22,200	8,370	50,400	31,100	52,200	49,200
12	52,600	41,300	52,100	41,800	10,200	2,610	33,100	7,320	50,400	39,100	52,300	51,100
13	52,500	45,100	49,700	43,900	5,980	2,180	43,600	9,630	49,800	40,900	52,700	51,200
14	52,900	43,800	51,700	44,800	6,360	1,800	45,000	9,190	50,300	42,800	52,500	51,500
15	47,600	39,800	51,800	45,800	9,150	1,350	41,900	7,050	50,100	41,000	52,400	51,300
16	47,700	42,800	51,600	42,100	25,400	4,280	45,600	9,700	50,300	41,900	52,400	51,400
17	51,700	46,600	51,600	44,100	47,000	7,700	45,100	10,300	50,800	40,100	52,100	50,400
18	51,600	47,900	50,200	46,300	48,500	13,700	47,800	16,500	50,500	37,000	51,400	49,800
19	51,700	48,200	50,000	46,500	50,000	13,700	48,800	18,000	50,200	37,900	51,600	50,600
20	51,800	49,200	51,600	48,200	50,900	17,600	50,000	21,700	49,900	41,700	52,000	50,600
21	51,900	48,800	51,900	49,000	48,400	10,800	50,500	22,600	50,200	41,900	52,100	51,500
22	52,300	47,800	52,200	49,100	50,400	13,500	50,700	22,500	49,500	40,800	52,300	51,900
23	52,800	50,300	52,100	49,500	50,300	18,200	52,400	32,400	49,700	42,600	51,900	50,300
24	52,500	49,500	52,400	50,100	49,600	19,700	53,800	31,500	49,200	42,400	52,100	48,200
25	52,700	49,100	52,700	48,500	50,400	13,300	54,800	29,800	49,600	42,400	51,100	47,100
26	52,600	48,400	52,400	47,200	50,000	14,700	52,700	30,700	46,800	43,800	51,100	49,300
27	52,800	32,300	52,700	47,900	47,100	25,400	52,600	26,000	50,300	46,700	52,500	49,300
28	51,900	28,700	52,900	42,200	47,300	23,900	54,500	26,200	48,900	39,000	51,400	49,000
29	52,800	39,600	52,600	47,300	45,600	13,500	54,900	32,300	42,800	38,400	52,100	48,200
30	52,100	43,700	52,700	45,500	37,700	5,820	54,300	26,400	46,900	39,000	51,000	48,000
31	---	---	52,200	47,300	---	---	54,700	30,800	48,700	38,600	---	---
MONTH	52,900	26,900	52,900	36,900	50,900	1,350	54,900	4,560	53,800	25,000	52,700	38,200

02299732 VENICE HARBOR AT VENICE YACHT CLUB AT VENICE, FL—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	52,300	41,100	52,900	45,800	52,200	48,800	51,600	47,100	50,800	44,300	50,200	35,300
2	52,300	39,600	52,900	47,100	52,200	48,400	51,500	47,700	51,000	44,800	49,900	36,300
3	52,700	40,500	53,000	43,200	52,200	46,600	51,600	46,300	51,200	44,300	49,700	36,800
4	52,700	46,000	53,000	48,600	52,300	47,400	52,000	44,800	51,100	45,800	49,800	41,200
5	52,600	43,000	53,100	45,900	52,100	48,700	51,800	46,300	51,000	44,900	50,100	42,100
6	52,700	36,800	52,900	47,400	51,900	49,500	51,700	45,900	51,000	47,600	50,200	44,100
7	53,000	36,400	52,700	50,100	52,000	48,600	51,500	43,200	51,000	48,500	50,300	44,600
8	52,900	39,800	52,500	48,100	52,000	47,100	51,700	42,300	51,100	48,400	50,100	47,100
9	52,800	44,600	52,400	48,700	52,200	46,400	51,800	43,300	51,000	48,600	49,700	40,200
10	52,500	46,100	52,200	48,200	52,100	44,600	51,900	45,000	50,900	49,800	49,800	40,100
11	52,500	36,400	52,400	48,600	52,000	46,000	52,300	47,700	50,600	47,000	---	---
12	52,200	42,000	52,500	49,300	51,700	44,300	52,200	46,500	50,600	49,200	---	---
13	52,000	45,000	52,400	48,000	51,700	47,200	52,000	47,700	50,500	49,700	---	---
14	52,300	42,300	52,200	46,200	51,300	46,600	51,900	37,300	50,400	48,200	---	---
15	52,400	45,600	52,200	45,600	51,500	48,800	51,500	37,200	50,400	47,300	---	---
16	52,000	39,800	52,100	48,900	51,200	49,400	51,600	42,400	50,500	47,200	---	---
17	52,200	40,300	52,100	48,000	51,300	50,100	51,600	43,800	50,300	48,100	---	---
18	52,300	41,600	52,200	51,400	51,300	48,200	51,600	43,500	50,500	46,200	---	---
19	52,400	45,400	52,300	51,600	51,200	48,500	51,400	44,900	51,000	45,900	---	---
20	52,500	45,600	52,300	48,200	51,300	48,500	51,200	47,200	51,100	47,200	---	---
21	52,500	43,500	51,800	48,800	51,800	49,700	51,000	49,100	50,800	48,000	---	---
22	52,600	46,600	52,100	47,700	51,500	48,600	51,100	45,800	50,700	46,600	---	---
23	52,400	48,700	52,300	48,800	51,700	47,800	51,100	45,600	50,700	47,300	---	---
24	52,600	49,600	52,300	47,800	51,900	47,300	50,500	40,900	50,800	48,100	---	---
25	52,600	47,400	51,700	44,800	51,900	46,800	50,400	46,200	50,800	47,700	---	---
26	52,600	47,300	52,100	43,100	51,200	43,200	50,300	48,100	50,600	46,700	---	---
27	52,500	47,600	52,100	44,900	50,600	37,500	50,200	46,200	50,900	42,000	---	---
28	52,600	45,500	52,000	44,900	50,500	43,800	50,300	42,400	50,300	38,900	---	---
29	52,600	47,600	52,000	44,700	51,000	45,500	50,500	44,600	---	---	---	---
30	52,600	47,500	52,200	47,100	51,600	46,100	50,500	48,100	---	---	---	---
31	52,700	48,000	---	---	52,200	47,700	50,500	44,900	---	---	---	---
MONTH	53,000	36,400	53,100	43,100	52,300	37,500	52,300	37,200	51,200	38,900	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	52,200	34,400	49,000	23,800	49,200	40,900	49,800	43,500
2	---	---	---	---	51,500	29,600	49,300	26,500	48,900	40,300	50,100	43,600
3	---	---	---	---	51,600	27,700	50,000	26,700	49,800	42,300	50,900	43,900
4	---	---	---	---	51,500	26,600	49,200	28,600	50,700	42,500	51,400	45,500
5	---	---	---	---	51,700	26,300	49,600	31,400	51,500	39,900	51,900	47,600
6	---	---	---	---	51,300	31,100	48,400	36,100	50,600	40,100	51,900	47,900
7	---	---	---	---	51,700	32,400	48,800	37,900	50,700	43,000	51,800	49,100
8	---	---	---	---	52,000	35,500	49,500	32,900	50,900	42,900	51,800	49,400
9	---	---	---	---	52,000	30,100	48,100	23,900	50,700	44,300	51,800	49,600
10	---	---	---	---	51,800	30,400	47,200	18,300	50,800	45,300	51,800	48,900
11	---	---	---	---	51,200	15,700	45,700	17,000	51,100	45,300	52,100	49,500
12	---	---	---	---	50,700	13,100	46,000	18,300	50,700	44,900	52,000	50,300
13	---	---	---	---	49,500	4,660	47,200	32,100	50,200	44,100	51,900	50,300
14	---	---	---	---	48,900	3,890	48,900	31,900	50,200	43,100	51,500	50,100
15	---	---	---	---	49,000	6,860	46,600	28,300	50,300	43,000	51,600	49,900
16	---	---	---	---	50,200	32,400	46,700	27,100	50,300	43,800	51,300	49,900
17	---	---	---	---	50,800	32,100	46,200	24,900	50,500	43,600	51,500	49,100
18	---	---	---	---	51,600	32,900	46,100	26,000	50,200	41,300	51,600	48,900
19	---	---	---	---	52,200	35,400	46,600	29,000	50,500	45,600	51,900	49,100
20	---	---	---	---	53,200	35,700	48,600	30,400	49,500	42,600	51,900	49,300
21	---	---	---	---	52,300	24,500	47,800	32,700	49,800	43,500	51,600	50,200
22	---	---	---	---	52,400	27,600	47,100	35,400	49,600	43,800	52,100	50,300
23	---	---	---	---	52,100	29,300	48,300	36,700	49,500	43,600	52,000	48,900
24	---	---	---	---	52,200	33,200	49,800	34,400	49,600	44,100	52,200	47,700
25	---	---	---	---	52,300	38,100	50,800	40,100	51,800	43,000	52,500	47,000
26	---	---	52,700	50,700	52,400	42,000	50,200	41,900	51,500	44,700	52,500	49,000
27	---	---	53,200	50,000	52,500	34,700	49,700	40,100	51,400	48,200	52,300	49,500
28	---	---	53,100	50,700	51,400	36,000	50,000	39,200	50,500	39,400	52,200	48,100
29	---	---	53,100	50,300	50,300	33,000	50,500	39,200	51,200	38,600	51,700	48,300
30	---	---	53,300	50,900	49,700	23,400	50,000	32,000	49,800	40,000	51,400	48,300
31	---	---	52,900	49,100	---	---	50,000	41,000	48,600	41,200	---	---
MONTH	---	---	---	---	53,200	3,890	50,800	17,000	51,800	38,600	52,500	43,500

02299732 VENICE HARBOR AT VENICE YACHT CLUB AT VENICE, FL—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	30.5	26.8	26.5	24.9	22.8	21.3	18.7	16.9	18.2	16.4	22.2	18.6
2	30.6	27.1	27.1	25.0	22.8	21.6	18.9	16.9	18.6	17.0	20.8	16.9
3	30.0	26.4	27.1	25.0	22.8	20.6	19.1	17.0	18.7	17.2	18.2	14.1
4	29.6	26.2	27.6	25.0	22.0	19.5	19.4	17.2	19.0	15.0	18.3	13.6
5	29.4	26.7	26.7	24.0	21.3	19.8	19.1	17.9	17.3	13.7	18.5	15.3
6	29.4	26.9	25.2	22.7	22.1	20.2	20.7	18.4	17.8	14.8	19.1	16.0
7	28.1	26.0	24.5	22.5	22.6	21.1	21.4	19.5	18.7	15.8	20.0	18.6
8	28.0	24.8	24.1	22.4	22.9	21.9	21.0	20.0	17.8	16.1	---	---
9	27.8	25.1	23.4	21.9	23.7	22.1	21.9	19.9	18.8	15.8	18.6	16.9
10	27.6	25.9	23.3	22.4	23.4	22.8	20.5	18.8	18.8	17.8	18.9	15.6
11	27.1	25.3	23.9	22.3	23.0	20.9	20.4	18.5	17.9	15.8	---	---
12	28.8	24.1	24.2	22.7	21.0	18.7	20.7	18.9	16.5	15.2	20.5	16.8
13	28.2	25.3	24.5	23.3	20.5	18.7	21.9	19.6	17.1	15.6	21.0	18.4
14	28.2	24.6	24.1	23.1	20.4	18.1	21.8	20.4	18.2	15.8	22.2	19.6
15	27.2	24.9	23.2	22.1	18.3	15.7	21.4	18.3	19.8	17.1	22.0	20.0
16	26.1	22.6	23.2	21.5	16.7	14.5	19.1	17.1	20.3	17.7	23.2	20.7
17	25.8	23.4	22.9	21.6	16.9	16.1	17.4	13.9	20.2	18.1	23.1	21.3
18	26.7	24.0	22.9	21.5	17.5	16.5	16.7	13.4	19.5	17.0	23.3	19.9
19	27.0	25.1	23.1	21.8	17.6	16.7	16.9	12.6	18.8	16.3	22.0	17.9
20	28.4	25.6	23.6	22.1	16.9	15.0	16.5	13.7	18.5	16.0	22.6	17.2
21	28.5	26.0	23.7	22.3	16.0	14.4	16.9	15.9	19.8	17.4	21.6	18.9
22	28.0	25.5	24.0	22.5	17.1	15.4	18.0	16.5	20.9	18.7	24.3	20.9
23	27.1	24.7	24.1	22.9	18.0	16.8	18.0	16.0	21.2	19.6	23.5	21.6
24	26.8	24.8	24.4	23.3	17.8	16.6	16.1	13.2	21.9	19.8	23.7	21.3
25	27.3	24.9	24.4	23.8	16.6	15.7	15.9	13.1	22.0	20.6	25.4	22.1
26	27.0	25.1	23.8	20.8	16.6	13.9	16.8	15.0	22.4	20.3	26.7	22.9
27	26.7	24.6	22.5	19.5	15.4	12.9	18.3	16.2	21.9	20.1	26.6	23.6
28	26.3	23.6	22.5	21.3	15.8	12.2	18.7	17.0	22.5	20.2	25.3	23.8
29	25.8	23.9	23.0	19.9	16.8	13.0	18.3	16.6	---	---	24.4	21.2
30	25.9	24.6	22.9	19.9	17.5	14.2	18.7	16.7	---	---	24.9	20.7
31	26.4	24.5	---	---	18.0	16.3	18.6	16.5	---	---	25.6	23.5
MONTH	30.6	22.6	27.6	19.5	23.7	12.2	21.9	12.6	22.5	13.7	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	26.0	24.1	26.2	24.1	29.4	26.5	31.9	28.6	33.7	30.0	31.3	30.0
2	26.0	21.9	26.1	24.3	28.2	25.7	31.1	29.7	34.4	30.4	31.0	29.6
3	22.8	18.6	26.2	24.6	27.9	26.2	32.5	29.8	33.5	30.7	31.3	28.8
4	23.9	19.7	25.6	24.3	28.4	26.0	32.6	30.3	33.9	30.4	30.6	28.9
5	24.2	21.0	25.4	23.7	29.8	25.9	34.0	30.5	32.9	29.1	29.7	28.1
6	24.5	22.1	25.7	23.8	30.6	26.7	34.3	30.7	33.0	29.0	30.2	27.9
7	24.3	22.9	25.6	22.6	32.3	27.5	34.2	30.5	32.1	28.8	29.9	28.7
8	25.6	23.0	25.9	22.9	32.0	27.6	33.3	29.9	32.8	29.3	29.9	28.5
9	24.8	22.5	26.7	23.1	30.1	27.2	30.3	27.8	32.7	30.0	30.3	28.5
10	24.7	21.8	26.8	23.6	28.6	26.2	28.2	27.1	32.8	29.8	30.5	28.5
11	24.8	21.8	26.7	23.4	28.9	26.1	31.5	26.8	32.6	29.5	31.1	28.5
12	25.2	22.3	26.7	24.2	29.4	27.3	32.0	28.4	33.5	29.8	30.9	28.5
13	25.1	23.8	26.5	24.1	30.5	27.8	31.4	28.7	33.7	30.1	30.8	29.4
14	24.6	23.1	26.0	24.3	31.2	28.5	31.4	28.6	33.7	30.4	30.5	29.2
15	23.1	20.6	26.6	25.1	31.2	29.1	32.2	28.2	33.8	30.2	30.4	29.1
16	23.0	20.5	27.6	25.4	31.5	29.6	32.8	28.4	33.5	31.2	30.3	28.8
17	22.8	19.9	27.9	26.0	31.8	29.6	32.6	29.3	33.4	30.7	30.3	28.5
18	23.3	20.8	28.6	26.5	32.1	29.4	32.4	29.3	34.0	31.0	30.3	28.6
19	23.7	21.6	28.0	26.0	32.4	29.2	31.7	29.4	34.4	31.1	30.0	28.6
20	23.1	21.9	28.2	26.0	31.0	28.4	32.1	29.0	34.1	31.1	29.1	28.1
21	24.2	21.7	28.7	26.4	30.2	27.5	32.9	28.6	33.2	30.9	28.1	27.3
22	24.4	22.0	28.9	26.9	29.3	26.8	33.3	29.3	33.7	30.6	27.7	27.3
23	24.5	22.4	29.0	27.2	28.8	25.8	32.7	30.0	33.0	31.4	28.2	26.9
24	24.1	21.8	28.6	27.3	29.1	25.3	32.0	30.0	33.1	30.3	29.3	27.2
25	23.0	20.5	28.4	27.2	30.4	25.3	31.0	28.2	32.6	29.9	29.9	27.2
26	24.1	21.1	28.4	26.5	31.0	27.7	32.1	28.5	30.9	29.0	30.0	27.5
27	25.2	22.4	29.0	26.9	30.4	27.8	32.7	29.9	29.9	28.4	30.4	27.6
28	24.7	19.3	29.6	27.7	30.4	27.5	32.2	30.4	30.0	28.1	30.7	28.1
29	24.7	22.2	29.9	28.5	29.7	28.0	33.4	30.6	30.8	28.8	30.8	28.6
30	26.2	23.7	30.1	28.6	30.9	27.6	33.3	29.8	31.7	29.8	30.5	28.8
31	---	---	30.1	27.8	---	---	33.0	29.5	32.3	30.0	---	---
MONTH	26.2	18.6	30.1	22.6	32.4	25.3	34.3	26.8	34.4	28.1	31.3	26.9

02299732 VENICE HARBOR AT VENICE YACHT CLUB AT VENICE, FL—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	28.5	27.3	26.0	25.1	22.7	21.8	17.5	16.4	17.9	16.6	21.8	19.9
2	28.6	27.6	26.3	25.1	22.8	21.9	18.1	16.8	18.3	16.8	21.0	18.9
3	28.1	27.4	26.6	25.1	22.4	21.1	18.3	17.0	18.3	17.0	20.0	17.2
4	28.0	27.5	27.0	25.9	22.0	20.5	18.5	16.8	18.9	17.2	18.1	16.8
5	28.2	27.6	26.6	25.6	21.0	19.7	18.7	17.3	17.2	15.1	18.6	16.8
6	28.4	27.7	25.8	22.8	21.6	20.5	19.4	18.2	17.0	16.0	18.8	17.9
7	28.3	26.4	24.9	23.7	22.1	21.3	20.2	19.2	17.2	16.5	19.3	18.4
8	27.4	25.2	24.4	22.8	22.7	21.8	21.0	19.6	17.5	16.4	20.1	19.0
9	27.6	26.0	23.8	22.2	23.0	22.2	20.8	19.7	18.0	17.0	19.1	17.9
10	27.5	26.8	23.8	22.3	23.2	22.8	20.1	18.7	18.7	17.6	19.4	16.1
11	27.1	25.6	24.0	22.4	22.9	21.0	19.5	18.2	17.9	15.9	19.8	17.8
12	27.4	26.0	24.0	22.9	21.0	18.9	19.5	18.5	16.9	15.3	20.3	18.1
13	28.1	26.5	24.2	23.3	20.5	18.9	21.4	19.4	16.8	15.8	20.9	18.8
14	27.7	25.6	24.1	23.4	20.5	18.3	21.8	20.3	18.1	16.3	22.0	19.4
15	27.1	25.7	23.6	22.3	18.3	15.9	21.0	19.5	19.6	17.2	21.8	19.9
16	25.8	23.3	23.1	22.2	17.2	15.0	19.7	17.6	19.5	17.4	23.1	20.3
17	25.7	23.8	22.9	21.8	17.2	16.3	18.5	17.1	19.3	17.9	23.2	21.0
18	26.0	24.0	22.7	21.6	17.3	16.7	17.3	15.0	19.4	17.5	22.2	20.2
19	26.7	25.5	22.9	21.9	17.6	16.7	16.8	14.6	17.7	16.8	22.0	19.6
20	27.4	26.4	23.4	22.1	16.9	15.3	16.7	15.0	17.9	16.8	21.3	19.4
21	27.7	26.1	23.6	22.4	16.5	14.4	17.0	16.0	19.5	17.8	20.8	19.7
22	27.7	26.0	23.7	22.8	17.0	15.4	18.0	16.8	19.9	18.6	23.3	20.3
23	27.0	25.8	24.0	23.1	17.2	16.8	17.9	16.8	20.3	19.1	23.5	21.4
24	26.7	25.2	24.3	23.3	17.7	17.0	16.9	14.0	21.2	19.8	22.7	21.2
25	27.1	25.3	24.3	23.2	17.1	16.2	16.0	14.2	21.5	20.3	25.3	21.9
26	26.9	25.5	23.6	21.4	16.6	15.2	16.4	15.0	21.6	20.4	26.1	22.7
27	26.6	24.9	22.5	20.4	15.3	12.2	17.3	16.2	21.6	20.0	26.6	23.2
28	26.2	24.5	22.6	21.8	15.2	13.7	17.8	16.4	22.2	20.0	24.8	23.7
29	25.7	24.7	22.5	20.4	15.5	14.6	17.3	16.0	---	---	24.3	22.2
30	25.8	24.9	22.1	20.8	16.8	15.2	18.5	16.6	---	---	24.7	22.2
31	25.9	24.9	---	---	17.4	16.0	18.3	17.0	---	---	25.3	23.3
MONTH	28.6	23.3	27.0	20.4	23.2	12.2	21.8	14.0	22.2	15.1	26.6	16.1
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.8	24.0	26.2	24.0	29.3	27.4	31.0	29.6	33.4	31.0	31.1	29.9
2	26.0	22.5	25.3	24.1	28.3	27.3	30.6	29.7	33.4	31.4	30.8	29.7
3	22.9	21.7	25.8	24.2	27.9	27.3	32.2	29.6	33.3	31.2	31.0	29.5
4	22.7	20.6	25.5	24.6	28.3	27.0	32.5	30.3	33.5	30.9	30.4	29.0
5	23.7	21.8	25.4	23.7	28.9	27.2	33.6	30.7	32.8	30.7	29.9	28.5
6	24.1	22.5	25.7	24.2	29.0	27.3	33.8	31.4	32.9	30.9	30.0	27.9
7	24.3	23.0	25.6	23.0	30.5	27.6	33.8	31.7	32.0	31.5	29.9	28.6
8	25.6	22.9	25.8	23.7	30.4	27.6	33.5	30.5	32.5	30.6	29.7	28.5
9	24.8	22.9	26.4	24.6	29.8	28.0	31.3	28.1	32.5	31.1	29.9	28.8
10	24.5	22.5	26.7	25.0	29.1	26.7	29.0	27.1	32.6	31.4	30.0	28.8
11	24.4	22.5	26.5	25.3	28.7	26.5	29.7	27.9	32.4	32.0	30.8	28.9
12	25.0	23.3	26.6	24.7	28.8	27.9	29.8	28.7	32.6	31.5	30.8	28.8
13	24.8	23.7	26.6	25.3	29.4	27.9	30.4	29.1	32.9	30.7	30.9	29.3
14	24.3	23.2	26.0	24.6	29.9	28.2	30.2	29.0	33.5	31.5	30.4	29.2
15	23.7	22.9	26.6	25.3	30.1	28.5	31.7	29.7	33.7	31.5	30.3	28.9
16	23.2	21.2	27.5	25.9	30.0	28.7	32.4	30.7	33.7	31.9	30.2	28.9
17	22.9	20.2	27.5	25.8	30.6	29.0	32.0	30.8	33.5	32.2	30.2	28.7
18	22.8	21.2	28.2	26.4	31.3	28.9	32.3	31.0	33.8	32.5	30.1	28.8
19	23.7	21.8	28.0	25.9	31.4	28.3	31.6	31.0	34.2	32.7	29.7	28.6
20	23.1	22.0	28.1	25.7	30.7	28.3	31.7	30.2	34.0	31.9	29.3	28.1
21	24.1	21.9	28.7	26.6	29.4	28.5	32.6	30.2	33.4	31.4	28.1	27.4
22	24.4	22.6	28.8	26.9	28.7	27.4	33.2	30.8	33.3	30.9	27.9	27.5
23	24.3	22.7	28.8	27.2	28.6	27.4	32.6	30.5	33.1	31.5	28.0	27.3
24	23.7	22.1	28.5	27.2	29.0	27.8	32.1	29.8	32.8	31.0	28.8	27.2
25	23.1	20.9	28.3	27.2	30.3	28.1	31.1	29.6	32.5	30.8	29.6	27.2
26	23.9	21.6	28.3	27.2	30.9	28.5	31.5	30.0	31.8	29.4	29.7	27.8
27	24.9	22.6	28.9	27.5	30.4	29.1	31.3	30.5	30.3	29.0	30.4	28.4
28	24.6	23.1	29.5	28.2	29.8	28.8	31.4	30.2	30.3	28.3	30.7	29.3
29	24.5	22.5	29.8	28.4	29.8	29.3	32.2	30.2	30.9	29.6	30.8	28.8
30	26.2	23.6	29.9	28.2	30.2	28.9	33.0	31.4	31.7	29.8	30.5	29.0
31	---	---	29.7	28.1	---	---	32.9	30.8	32.2	29.9	---	---
MONTH	26.2	20.2	29.9	23.0	31.4	26.5	33.8	27.1	34.2	28.3	31.1	27.2
YEAR	34.2	12.2										

02299733 DONNA BAY AT NOKOMIS, FL.

LOCATION.--Lat 27° 06'48", long 82° 27'24" (1927 North American datum), in NW$^{1}/_{4}$ sec.1, T.39 S., R.18 E., Sarasota County, Hydrologic Unit 03100201, on southwest corner of Donna Bay, near the Intercoastal Waterway, approximately 4,000 ft west of Venice Inlet and Gulf of Mexico

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--May 2003 to current year (tidal high-high and low-low only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Interruptions in record were due to days in which tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 3.45 ft, July 10, 2005; minimum, 1.79 ft below NGVD of 1929, Feb. 18, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.45 ft, July 10; minimum, 1.76 ft below NGVD of 1929; Dec. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	1.98	-0.04	1.47	-0.32	0.65	-0.23	1.05	-0.18	1.20	-0.35	---	---
2	1.98	0.11	1.37	-0.04	0.69	-0.35	1.27	-0.45	1.26	-0.81	---	---
3	---	---	1.94	0.36	1.39	-0.30	1.56	-0.50	1.33	-1.02	---	---
4	---	---	1.87	0.44	1.75	-0.06	1.83	-0.48	1.65	-1.17	---	---
5	---	---	1.78	0.57	1.45	-0.07	1.80	-0.60	1.71	-0.89	---	---
6	---	---	1.76	0.38	0.89	-0.87	1.51	-0.74	1.93	-0.73	---	---
7	---	---	1.94	0.20	1.44	-1.15	1.17	-1.52	0.48	-0.75	---	---
8	---	---	1.96	-0.12	1.49	-0.80	1.92	-1.02	0.75	-1.72	---	---
9	---	---	1.28	-0.42	1.98	-0.90	2.37	-0.31	0.81	-0.91	---	---
10	---	---	1.83	-0.76	1.86	-0.36	0.26	-0.88	1.14	-0.31	1.35	-1.04
11	---	---	1.12	-0.49	1.69	-0.73	0.96	-1.27	1.17	-0.33	1.15	-0.80
12	---	---	2.22	-0.07	0.67	-0.61	0.93	-0.58	1.34	-0.46	1.58	-0.56
13	---	---	1.69	0.12	1.37	-0.37	1.04	-0.32	1.22	---	1.46	---
14	---	---	---	-0.43	1.91	0.39	1.24	-0.05	2.05	-0.56	1.65	-0.90
15	---	---	1.84	0.03	0.93	-0.64	1.27	0.24	0.90	-0.52	1.77	-0.79
16	---	---	1.83	0.17	1.35	-0.03	1.58	-0.26	1.09	-1.26	1.87	-0.51
17	---	---	1.40	-0.01	1.30	-0.31	2.02	-0.42	1.17	-1.50	1.38	-0.41
18	---	---	1.89	0.59	1.40	-0.50	2.28	-0.20	0.76	-1.79	1.62	-0.82
19	---	---	2.34	0.63	1.16	-0.39	1.93	-0.73	1.66	-1.45	1.50	-0.56
20	---	---	1.58	-0.28	1.12	-0.88	1.64	-1.41	1.96	-0.81	1.15	-0.34
21	1.79	0.28	1.83	-0.11	1.38	-1.49	1.83	-1.37	0.95	-0.56	1.39	-0.20
22	1.73	0.05	2.07	-0.64	1.82	-1.50	1.65	-1.29	1.80	-0.22	1.33	-0.76
23	1.90	0.43	2.35	-0.64	2.29	-1.16	0.37	-1.14	---	---	0.91	-0.78
24	1.94	0.12	2.48	-0.70	2.01	-1.05	1.37	-0.88	---	---	0.96	-0.69
25	1.63	-0.33	2.36	-0.81	1.55	-1.11	1.42	-0.34	---	---	1.58	-0.66
26	2.30	-0.49	---	-0.87	1.23	-1.24	1.37	-0.01	---	---	1.41	0.26
27	1.60	-0.34	2.26	-0.43	0.74	-0.84	1.26	-0.24	---	---	1.38	-0.55
28	2.69	-0.02	2.15	-0.35	1.24	-0.34	0.29	-0.63	---	---	1.43	---
29	---	-0.73	---	-1.47	1.26	0.08	1.06	-0.67	---	---	1.24	-0.46
30	1.93	-0.60	0.66	-0.60	1.36	0.37	0.71	-0.25	---	---	1.01	-0.71
31	1.32	-0.67	---	---	1.10	0.30	1.08	-0.80	---	---	1.61	-0.31
MAX	---	---	---	0.63	2.29	0.39	2.37	0.24	---	---	---	---
MIN	---	---	---	-1.47	0.65	-1.50	0.26	-1.52	---	---	---	---

02299733 DONNA BAY AT NOKOMIS, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	1.18		-0.20		1.66		-0.24		2.08		-0.60		2.22		-0.97		2.66		-0.63		1.47		0.02	
2	1.50		-0.70		1.83		0.10		2.13		-0.76		2.20		-1.09		2.15		-0.38		1.32		-0.10	
3	1.41		-0.45		1.83		-0.59		2.27		-1.13		2.26		-0.95		2.19		-0.05		1.41		-0.02	
4	1.25		-0.32		1.40		-1.18		2.26		-1.00		2.24		-0.78		1.73		0.24		1.41		-0.18	
5	1.45		-0.53		1.61		-1.25		2.38		-0.81		2.07		-0.54		1.52		0.44		1.15		-0.02	
6	1.59		-0.60		1.98		-1.10		2.14		-0.63		1.63		-0.47		1.65		0.54		2.96		1.18	
7	1.84		-0.72		1.97		-1.07		1.90		-0.40		1.44		0.04		1.64		0.49		2.16		0.48	
8	2.16		-0.55		1.99		-0.79		1.66		0.83		1.15		0.29		1.75		0.30		1.79		0.11	
9	2.05		-0.59		2.01		---		1.40		-0.31		1.18		0.30		1.41		-0.05		1.79		0.11	
10	1.69		---		1.69		-0.64		1.34		0.07		1.34		-0.05		1.49		-0.18		1.59		-0.25	
11	1.89		-0.72		1.41		-0.37		1.39		0.43		1.50		-0.06		1.65		-0.22		---		---	
12	2.05		-0.51		1.46		-0.29		1.46		0.07		1.40		-0.49		2.03		-0.08		---		---	
13	1.57		1.03		1.29		-0.01		1.61		-0.16		1.73		-0.38		2.18		-0.84		1.93		0.36	
14	0.52		-1.39		1.23		0.04		1.84		-0.22		1.69		-0.57		1.99		-0.41		2.29		0.67	
15	0.71		-1.25		1.34		-0.15		1.87		-0.31		1.87		-0.65		1.91		-0.51		---		---	
16	0.82		-0.81		1.62		-0.50		1.82		-0.63		1.88		-0.56		1.83		-0.32		---		---	
17	0.78		-0.59		1.35		-0.45		1.87		-0.60		2.15		-0.46		1.78		-0.02		---		---	
18	1.04		-0.65		1.52		-0.60		1.87		-0.72		2.18		-0.55		1.71		0.08		---		---	
19	1.27		-0.79		1.78		-0.41		1.89		-0.55		2.31		-0.25		1.55		0.27		---		---	
20	1.31		-0.71		1.81		-0.54		1.86		-0.61		1.88		-0.29		1.50		0.43		---		---	
21	1.70		-0.50		1.65		-0.55		1.86		-0.36		1.52		-0.25		1.68		0.22		---		---	
22	1.59		-0.75		1.90		-0.38		1.74		-0.49		1.25		-0.05		1.79		0.08		---		---	
23	1.31		-0.78		1.76		-0.42		1.53		-0.08		1.16		0.15		1.82		-0.07		---		---	
24	1.45		-0.64		1.58		-0.42		1.29		0.60		1.40		0.41		1.83		-0.35		---		---	
25	1.38		-0.47		1.39		---		1.18		0.02		1.58		0.02		1.79		-0.57		---		---	
26	1.27		---		1.21		-0.49		1.24		0.09		1.55		-0.32		1.98		-0.59		---		---	
27	1.10		-0.32		0.92		-0.24		1.53		0.00		1.79		-0.59		2.07		-0.67		---		---	
28	1.17		-0.76		1.12		-0.15		1.61		-0.42		1.82		-0.83		2.05		-0.53		---		---	
29	1.01		-0.53		1.18		-0.03		1.89		-0.78		2.03		-0.83		2.12		-0.41		---		---	
30	1.34		-0.43		1.69		0.04		2.00		-0.87		2.40		-0.50		2.07		-0.16		---		---	
31	---		---		1.86		-0.39		---		---		2.45		-0.59		1.88		0.03		---		---	
MAX	2.16		---		2.01		---		2.38		0.83		2.45		0.41		2.66		0.54		---		---	
MIN	0.52		---		0.92		---		1.18		-1.13		1.15		-1.09		1.41		-0.84		---		---	

02299733 DONNA BAY AT NOKOMIS, FL.---Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	---	---	---	---	2.16	0.15			1.68	-0.63			0.92	-0.56			1.76	0.23			0.93	-0.49		
2	---	---	---	---	2.16	0.30			1.34	-0.39			1.10	-0.16			1.66	0.07			0.96	-0.79		
3	---	---	---	---	1.98	0.13			1.13	-0.57			1.06	-0.21			2.00	-0.37			1.12	---		
4	---	---	---	---	1.71	0.20			1.07	-0.40			1.14	-0.06			1.36	-0.45			1.21	-1.17		
5	---	---	---	---	2.04	-0.20			0.89	-0.37			1.44	-0.24			1.75	-1.15			1.11	-1.14		
6	1.62	0.14			0.83	-0.28			1.12	0.11			1.58	-0.67			2.36	-1.24			1.40	-1.27		
7	1.34	-0.14			1.37	0.12			1.51	-0.10			1.62	-0.87			2.54	-0.93			2.07	-1.03		
8	1.53	0.22			1.24	0.08			1.35	-0.23			1.76	-1.22			2.65	-0.44			1.42	-0.29		
9	1.91	0.54			1.24	0.03			1.84	-0.84			1.68	-1.64			1.60	-0.50			1.35	-1.04		
10	1.97	0.55			1.74	-0.40			2.04	-0.69			1.92	-1.60			2.65	-0.03			0.67	-1.04		
11	2.32	0.56			2.43	-0.18			1.42	-0.97			2.21	-1.29			1.51	-0.83			1.60	-0.37		
12	1.97	0.59			2.76	-0.09			1.70	-1.75			0.81	-0.97			1.18	-0.33			1.30	-0.63		
13	1.89	0.48			2.30	-0.35			---	-1.60			2.05	-0.29			1.87	0.43			1.35	-0.50		
14	2.24	-0.06			---	-1.00			1.77	-1.51			1.98	-0.58			1.64	0.19			1.24	-0.90		
15	1.99	0.40			1.57	-1.27			-0.40	-1.76			0.62	-0.74			1.46	0.71			1.28	-0.65		
16	1.13	-0.43			1.89	-0.79			0.60	-1.40			0.37	-0.97			1.47	-0.16			1.84	-0.19		
17	1.94	-0.60			1.94	-0.48			0.89	-0.69			0.66	-0.75			1.57	0.00			1.52	---		
18	2.05	-0.44			1.65	-0.19			0.88	-0.28			0.70	-1.00			1.13	-0.55			0.82	-0.31		
19	2.22	-0.20			1.56	0.05			0.95	-0.29			1.21	-1.18			1.17	-0.95			0.83	-0.59		
20	2.01	-0.23			1.58	0.35			0.59	-0.67			1.62	-0.92			1.41	-0.88			1.34	-0.58		
21	1.68	-0.27			1.55	0.49			1.12	-0.78			1.88	-0.32			1.44	-0.74			1.66	-0.32		
22	1.46	-0.18			1.85	0.26			1.75	-0.82			2.14	-0.45			1.46	-0.78			1.57	-0.11		
23	1.68	0.08			2.14	0.19			1.62	-0.43			0.84	-0.35			1.67	-0.73			1.60	-0.22		
24	1.79	0.44			2.73	0.17			1.24	-0.87			1.43	-1.45			1.12	-0.39			1.05	-0.21		
25	1.76	0.40			1.61	0.40			1.04	-1.36			1.78	-1.00			1.51	-0.35			1.33	-0.19		
26	1.77	0.05			1.71	-0.89			2.76	-0.77			1.13	-0.36			1.50	-0.33			1.50	-0.15		
27	1.93	-0.19			2.64	-0.64			0.74	-1.73			1.91	-0.59			2.41	0.16			1.84	-0.14		
28	2.09	-0.18			1.44	-0.44			0.03	-1.58			1.81	-0.41			1.68	-0.18			1.73	-0.64		
29	2.13	-0.22			1.52	-0.86			1.10	-1.09			1.24	-0.40			---	---			1.42	-0.78		
30	2.21	-0.12			---	-0.67			0.62	-1.05			1.72	0.49			---	---			1.52	-0.74		
31	---	-0.04			---	---			1.33	-0.63			1.51	0.12			---	---			1.82	-0.56		
MAX	---	---			---	0.49			---	0.11			2.21	0.49			2.65	0.71			2.07	---		
MIN	---	---			---	-1.27			---	-1.76			0.37	-1.64			1.12	-1.24			0.67	---		
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	1.83	---			1.50	-0.60			1.61	0.14			1.74	-0.06			1.81	-0.38			1.98	-0.27		
2	1.35	-0.37			1.38	-0.20			1.81	0.06			1.83	-0.20			1.88	-0.46			2.10	-0.03		
3	0.89	-1.42			1.39	-0.35			2.13	0.03			1.96	-0.27			1.93	-0.50			1.93	0.15		
4	1.30	-1.20			1.76	0.05			1.93	-0.25			1.87	-0.53			1.82	-0.58			1.80	0.32		
5	1.66	-0.71			2.04	0.14			2.07	-0.47			2.06	-0.39			1.88	-0.49			1.67	0.34		
6	1.75	-0.30			1.37	-0.73			1.99	-0.45			2.26	-0.27			1.72	-0.75			1.59	0.25		
7	1.87	0.06			1.44	-0.82			1.92	-0.63			2.12	-0.29			1.63	-0.59			1.64	0.27		
8	1.75	-0.23			2.01	-0.56			2.00	-0.45			2.15	-0.60			1.52	-0.08			1.75	0.20		
9	1.61	-0.65			2.04	-0.68			1.96	-0.55			2.61	0.76			1.29	0.08			1.73	0.14		
10	1.68	-0.74			2.07	-0.63			1.02	0.59			3.39	0.95			1.34	0.30			1.78	0.08		
11	1.98	-0.30			1.80	-0.68			2.31	0.59			1.75	0.16			1.43	0.27			1.75	-0.10		
12	2.09	-0.08			1.85	-0.43			1.52	0.23			1.57	0.34			1.69	0.17			1.85	-0.09		
13	1.87	-0.43			1.72	-0.35			1.53	1.19			1.33	0.48			1.63	-0.04			2.33	-0.08		
14	1.70	-0.43			1.75	-0.07			1.44	0.46			1.40	0.56			1.82	-0.28			2.48	0.01		
15	0.93	---			1.49	---			1.28	0.83			1.69	0.39			1.93	-0.55			2.37	-0.12		
16	0.55	-1.03			1.22	-0.04			1.52	0.49			1.87	0.23			1.99	-0.55			2.55	0.04		
17	0.93	-1.11			1.08	-0.03			1.72	0.17			1.86	-0.20			2.17	-0.67			2.30	0.23		
18	0.98	-0.80			1.20	-0.06			1.91	-0.15			2.16	-0.40			2.45	-0.55			2.24	0.38		
19	1.32	-0.44			1.40	0.01			1.02	-0.61			2.34	-0.59			2.51	-0.33			1.92	0.21		
20	1.52	-0.24			1.68	0.14			2.00	-0.75			2.40	-0.61			2.38	-0.22			1.59	-0.55		
21	1.58	0.21			1.98	-0.33			2.15	-0.73			2.49	-0.60			2.21	0.07			0.82	-0.11		
22	1.72	0.12			1.84	-0.69			2.30	-1.09			2.45	-0.56			1.92	0.23			3.12	0.47		
23	1.88	0.14			1.95	-0.92			2.34	-0.93			1.94	-0.57			1.82	0.29			2.70	0.34		
24	1.55	-0.68			2.19	-0.89			2.10	-0.72			1.86	-0.33			1.83	0.25			2.27	0.36		
25	1.82	-0.85			2.36	-0.83			2.13	-0.33			1.56	0.22			1.72	-0.12			1.92	0.30		
26	2.31	-0.57			2.26	-0.81			1.88	0.02			1.31	0.40			0.63	-1.04			1.85	0.20		
27	2.05	-0.91			2.13	-0.76			1.46	0.00			1.45	0.16			2.57	1.43			1.80	0.27		
28	1.55	-0.77			1.87	-0.47			1.42	0.45			1.42	-0.07			2.58	0.54			1.98	0.40		
29	1.88	-0.47			1.55	-0.17			1.59	0.44			1.52	-0.16			2.33	0.26			1.97	0.29		
30	2.31	---			1.67	0.88			1.66	0.28			1.57	-0.38			2.20	0.16			1.86	0.42		
31	---	---			1.90	0.22			---	---			1.72	-0.35			1.97	-0.03			---	---		
MAX	2.31	---			2.36	---			2.34	1.19			3.39	0.95			2.58	1.43			3.12	0.47		
MIN	0.55	---			1.08	---			1.02	-1.09			1.31	-0.61			0.63	-1.04			0.82	-0.55		

02299733 DONNA BAY AT NOKOMIS, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 2003 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors.

REMARKS.--Specific conductance and temperature records good. Interruptions in record were due to malfunctions of the recording instruments or probe out of water.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 53,900 microsiemens, Oct. 26, 27, 2003; bottom sensor maximum, 54,700 microsiemens, Sept. 27, 2005, top sensor minimum, 337 microsiemens, June 14, 2005; bottom sensor minimum, 331 microsiemens, June 14, 2005.

TEMPERATURE.--Top sensor maximum, 34.7° C, Aug. 12, 2005; bottom sensor maximum, 34.8 °C, July 7, Aug. 13, 2005; top sensor minimum, 12.1° C, Dec. 27, 2004, Jan. 24, 2005; bottom sensor minimum, 12.3° C, Dec. 27, 2004, Jan. 24, 2005.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 53,200 microsiemens, Jan. 11; bottom sensor maximum, 54,700 microsiemens, Sept. 27; top sensor minimum, 337 microsiemens, June 14; bottom sensor minimum, 331 microsiemens, June 14.

TEMPERATURE.--Top sensor maximum, 34.7° C, Aug. 12; bottom sensor maximum, 34.8° C, July, 7, Aug. 13; top sensor minimum, 12.1° C, Dec. 27, Jan. 24; bottom sensor minimum, 12.3° C, Dec. 27, Jan. 24.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	51,400	47,000	51,600	49,600	48,300	32,300	48,300	38,700	---	---
2	---	---	51,500	47,900	51,800	49,500	49,500	32,300	50,000	32,800	---	---
3	---	---	53,400	49,900	51,900	49,200	50,500	33,300	50,200	31,500	---	---
4	---	---	52,600	47,600	51,900	49,200	49,800	35,800	50,300	33,700	---	---
5	---	---	53,000	47,800	51,400	47,500	50,300	33,900	49,900	33,700	---	---
6	---	---	52,000	46,900	50,600	47,300	50,300	32,900	50,500	35,100	---	---
7	---	---	53,200	46,100	51,200	47,300	48,300	35,700	50,600	35,100	---	---
8	---	---	52,400	45,100	51,200	47,500	50,900	39,200	48,600	36,200	---	---
9	---	---	51,400	44,300	51,100	46,800	50,900	40,100	48,900	35,800	---	---
10	---	---	52,500	44,200	51,100	47,300	50,900	41,100	50,300	39,100	49,600	29,200
11	---	---	53,000	45,500	50,800	47,600	47,300	40,800	50,300	39,700	48,900	29,400
12	---	---	53,600	43,500	50,800	47,400	49,000	42,800	50,300	39,000	50,000	32,400
13	---	---	53,600	32,600	50,500	47,500	49,400	42,500	49,100	38,500	48,300	34,100
14	---	---	53,300	38,700	50,600	44,600	49,900	42,100	50,300	35,800	48,800	34,500
15	---	---	53,500	44,500	45,000	36,600	49,800	42,000	---	---	50,500	36,000
16	---	---	53,500	45,600	44,700	18,000	50,100	39,800	---	---	50,300	38,400
17	---	---	52,000	44,700	25,600	9,520	50,100	41,700	---	---	50,200	36,900
18	---	---	53,100	48,300	45,700	8,930	49,600	42,500	---	---	50,100	34,700
19	---	---	53,200	49,000	46,000	8,610	50,000	37,100	---	---	49,900	35,900
20	46,300	36,000	52,200	44,700	32,900	6,710	49,900	35,800	---	---	49,700	38,700
21	51,700	40,700	52,300	46,000	49,200	9,270	49,800	36,100	---	---	50,100	40,600
22	52,100	41,700	52,600	45,400	49,500	18,300	49,600	36,300	---	---	50,400	39,700
23	52,000	42,900	52,500	45,800	49,800	20,800	50,100	38,000	---	---	49,200	40,800
24	53,100	39,100	52,600	46,200	49,800	23,300	50,300	37,600	---	---	50,100	41,200
25	53,200	40,800	53,000	46,100	49,700	26,300	50,500	40,300	---	---	49,700	41,600
26	53,900	42,300	52,900	47,400	49,700	30,000	50,300	42,700	---	---	49,500	41,600
27	53,900	43,600	52,800	47,800	48,100	32,800	47,800	41,800	---	---	49,700	41,900
28	53,800	44,700	52,800	48,200	46,700	35,600	43,100	38,300	---	---	50,700	43,400
29	52,100	42,000	50,600	46,400	48,800	36,300	49,800	37,800	---	---	50,500	42,100
30	53,300	44,600	51,500	49,000	49,800	37,000	48,300	40,300	---	---	51,400	42,700
31	51,100	45,700	---	---	47,600	33,800	47,500	38,600	---	---	51,500	45,000
MONTH	---	---	53,600	32,600	51,900	6,710	50,900	32,300	---	---	---	---

02299733 DONNA BAY AT NOKOMIS, FL—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	51,200	46,100	51,500	37,700	53,300	47,700	51,500	39,900	49,500	4,000	42,900	15,100
2	50,900	44,000	52,100	40,800	53,300	49,800	52,400	40,600	48,600	4,020	41,900	19,700
3	50,900	44,300	51,800	36,700	53,300	50,700	52,900	41,300	40,000	1,630	44,400	24,200
4	50,900	44,900	48,000	36,700	53,400	48,400	53,000	39,900	17,200	1,210	42,700	26,500
5	50,700	44,900	51,300	36,800	53,500	50,100	52,800	39,500	3,630	936	47,000	32,200
6	50,700	45,000	51,500	38,100	53,600	50,900	52,100	39,500	3,700	878	46,000	5,000
7	51,000	45,100	51,900	41,700	53,500	51,300	50,700	42,200	3,050	841	8,620	1,090
8	51,200	45,500	52,200	42,900	53,400	51,300	49,400	38,600	6,970	809	5,450	650
9	51,300	44,400	52,300	44,000	53,300	51,400	47,100	38,700	8,080	1,240	8,200	896
10	51,700	44,400	51,900	44,100	53,500	52,000	48,000	38,800	28,300	2,060	8,700	1,200
11	52,000	44,100	51,500	45,000	53,400	52,600	50,100	40,000	44,600	2,790	---	---
12	51,400	46,600	51,700	46,700	53,500	52,100	48,800	27,100	45,100	7,900	---	---
13	49,200	45,700	51,400	47,800	53,300	49,800	52,200	27,600	40,400	12,800	25,200	2,620
14	48,200	40,900	50,800	47,700	53,200	48,800	52,800	29,200	30,800	1,960	40,100	8,340
15	50,800	37,600	51,800	47,200	53,100	47,800	53,300	30,100	34,000	1,160	---	---
16	50,400	41,900	51,500	46,200	52,700	43,900	53,300	34,600	21,600	810	---	---
17	49,500	43,800	51,800	46,200	51,800	42,000	53,000	34,400	41,800	817	---	---
18	50,100	44,800	52,300	45,600	53,000	44,100	53,500	36,900	28,800	1,820	---	---
19	50,800	43,000	52,300	47,800	53,200	45,200	53,500	39,400	35,200	4,480	---	---
20	51,700	45,300	52,300	47,700	53,500	45,500	51,400	26,200	33,400	6,700	---	---
21	52,000	44,600	52,600	48,000	53,500	45,800	44,400	10,300	30,100	5,310	---	---
22	51,800	44,000	52,800	48,400	53,600	44,500	39,100	7,490	29,700	6,860	---	---
23	51,800	45,200	52,100	45,900	53,100	44,800	39,500	7,490	34,400	5,800	---	---
24	51,600	46,100	52,700	42,100	51,900	47,500	45,300	10,500	39,000	6,570	---	---
25	52,000	45,500	52,800	48,600	52,000	47,800	47,800	16,100	42,600	5,990	---	---
26	51,900	45,500	53,000	48,400	52,200	47,900	47,200	19,000	46,300	6,650	---	---
27	50,700	47,100	52,900	49,400	52,800	46,300	52,100	20,900	47,200	1,410	---	---
28	51,100	45,500	53,100	50,400	51,400	44,400	52,200	15,700	46,500	5,520	---	---
29	51,200	46,200	53,100	48,300	52,800	42,100	51,300	11,400	47,500	6,760	---	---
30	49,900	41,200	53,200	50,800	52,500	39,100	50,500	6,260	47,500	9,270	---	---
31	---	---	53,300	50,200	---	---	49,600	2,680	48,700	13,400	---	---
MONTH	52,000	37,600	53,300	36,700	53,600	39,100	53,500	2,680	49,500	809	---	---

02299733 DONNA BAY AT NOKOMIS, FL—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	50,800	46,300	50,200	47,700	50,500	32,500	50,000	38,900	---	---
2	---	---	52,200	47,300	50,300	46,500	51,100	31,900	51,000	32,900	---	---
3	---	---	52,800	49,200	50,400	47,100	51,000	33,300	50,400	31,500	---	---
4	---	---	52,000	46,700	50,700	47,800	51,100	35,400	50,500	33,200	---	---
5	---	---	52,400	46,800	50,100	46,300	50,900	33,800	50,500	33,900	---	---
6	---	---	52,000	46,400	48,900	46,300	50,800	32,800	50,800	35,000	---	---
7	---	---	52,500	45,600	49,800	45,700	50,200	35,700	50,700	36,900	---	---
8	---	---	52,100	44,400	49,300	45,100	51,200	38,800	49,400	36,200	---	---
9	---	---	50,500	43,200	49,400	43,800	50,900	40,900	49,800	39,800	---	---
10	---	---	51,500	42,500	47,800	39,300	50,700	40,400	49,800	39,100	48,900	28,700
11	---	---	52,100	44,100	48,800	42,400	50,100	40,300	50,600	39,100	48,100	28,700
12	---	---	51,800	42,700	46,300	41,000	49,900	42,700	49,500	38,600	49,000	31,400
13	---	---	51,900	31,300	49,200	41,500	50,600	43,100	49,400	38,100	47,000	32,800
14	---	---	51,500	37,100	49,200	37,700	50,600	43,200	49,300	38,000	48,500	32,500
15	---	---	51,800	42,400	44,000	30,900	50,300	42,000	---	---	49,200	35,800
16	---	---	51,700	43,900	46,500	18,400	50,700	40,400	---	---	48,800	37,100
17	---	---	51,300	42,200	38,300	9,350	50,800	42,000	---	---	49,000	35,400
18	---	---	51,200	46,700	47,500	8,810	50,500	44,400	---	---	48,700	33,000
19	---	---	51,100	46,600	47,100	10,100	51,100	37,700	---	---	49,500	34,400
20	51,500	37,500	50,400	42,800	45,800	9,120	50,400	36,200	---	---	47,600	36,800
21	52,000	40,700	50,500	44,300	48,500	11,900	51,100	35,900	---	---	48,600	38,900
22	51,900	41,600	50,400	43,000	48,900	18,000	50,400	36,700	---	---	47,900	37,400
23	51,900	42,700	50,000	43,200	48,800	20,600	51,100	37,700	---	---	46,300	33,600
24	53,400	39,200	49,900	41,700	48,800	23,200	51,300	38,300	---	---	47,800	38,800
25	52,200	40,600	51,600	43,600	48,900	26,100	51,200	41,100	---	---	47,800	38,800
26	52,700	41,200	51,700	45,800	49,800	29,400	51,400	43,700	---	---	47,600	38,900
27	52,700	42,700	51,800	46,700	50,400	32,000	48,700	42,400	---	---	49,200	39,300
28	52,500	43,400	51,700	47,000	50,200	34,600	46,400	38,600	---	---	48,400	41,000
29	51,800	41,600	50,400	43,200	50,000	36,000	50,800	38,200	---	---	49,100	40,100
30	51,800	44,800	50,300	48,400	49,700	36,400	49,800	40,900	---	---	50,200	41,400
31	50,600	45,200	---	---	48,800	35,100	48,000	38,400	---	---	50,600	42,800
MONTH	---	---	52,800	31,300	50,700	8,810	51,400	31,900	---	---	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	48,800	43,800	50,600	37,200	53,000	49,200	53,900	43,000	42,000	4,530	46,900	15,400
2	48,700	41,300	51,100	39,600	52,600	49,300	53,400	41,600	42,600	4,980	47,800	20,200
3	48,300	42,000	51,000	36,600	52,400	50,000	54,000	42,200	29,300	2,250	49,800	24,700
4	49,700	42,500	48,400	35,200	52,800	50,000	54,100	40,000	7,070	2,240	48,100	27,100
5	48,900	42,200	50,700	35,600	52,800	48,200	53,900	40,200	4,150	1,320	48,700	33,000
6	49,400	42,500	50,800	39,300	52,800	50,200	54,000	40,200	2,430	1,160	---	---
7	48,600	42,600	51,100	41,800	52,800	50,200	53,000	42,900	2,680	1,160	---	---
8	49,400	43,200	51,200	42,100	52,600	50,100	53,200	39,800	7,100	1,320	---	---
9	49,800	41,600	51,200	43,200	52,700	48,000	52,600	39,800	14,000	1,420	---	---
10	50,100	41,600	51,400	42,900	52,900	49,700	53,200	39,700	30,700	1,620	---	---
11	49,300	41,800	50,100	44,100	52,900	51,600	53,300	40,700	32,500	3,910	---	---
12	49,300	44,000	51,000	44,500	52,700	51,000	51,100	29,000	37,500	4,950	---	---
13	46,300	43,000	50,700	47,000	52,600	49,100	54,000	28,600	28,100	9,020	---	---
14	45,700	38,300	50,200	46,900	52,500	47,800	53,800	30,000	29,400	2,320	---	---
15	50,700	32,800	51,300	46,900	52,500	46,800	53,800	31,200	27,700	1,860	---	---
16	50,500	41,500	51,000	45,300	52,300	42,600	53,800	35,400	19,300	1,360	---	---
17	49,100	43,300	51,200	45,700	52,200	42,900	54,000	35,300	41,800	1,320	---	---
18	49,600	44,200	51,400	45,400	52,300	43,200	54,200	38,500	38,800	1,870	---	---
19	50,700	43,700	51,400	46,600	52,700	44,000	54,300	40,200	39,700	4,930	---	---
20	51,100	45,400	51,000	45,100	52,800	43,000	52,400	28,000	38,600	7,050	---	---
21	51,300	43,900	51,900	47,100	52,800	43,200	46,100	11,400	38,000	5,350	---	---
22	51,100	43,900	51,600	47,300	52,700	42,400	43,000	8,510	42,100	7,610	---	---
23	50,900	44,400	51,700	47,600	52,300	45,700	39,100	8,380	40,100	6,450	---	---
24	50,600	45,100	53,100	47,700	51,200	46,100	42,000	11,000	45,600	6,800	---	---
25	51,200	44,800	52,800	48,500	51,200	45,100	44,600	17,200	49,000	6,210	---	---
26	51,200	44,800	53,000	48,300	52,000	46,900	49,000	20,000	48,700	7,280	---	---
27	51,200	46,300	53,000	48,400	51,800	45,400	52,000	21,500	48,400	8,660	---	---
28	50,300	44,200	52,700	49,500	52,200	45,300	52,700	16,500	48,500	5,760	---	---
29	50,400	45,300	52,800	50,100	54,100	45,000	53,100	12,700	49,700	6,970	---	---
30	50,100	40,400	52,900	50,300	53,900	43,400	51,400	6,910	50,600	10,100	---	---
31	---	---	53,000	49,400	---	---	48,200	3,930	50,500	13,700	---	---
MONTH	51,300	32,800	53,100	35,200	54,100	42,400	54,300	3,930	50,600	1,160	---	---

02299733 DONNA BAY AT NOKOMIS, FL—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	26.3	23.4	20.0	18.1	20.2	18.5	18.8	15.8	---	---
2	---	---	26.1	23.6	19.9	17.3	20.6	18.8	18.8	17.1	---	---
3	---	---	25.2	24.0	20.0	17.2	20.4	18.9	19.5	16.9	---	---
4	---	---	25.7	24.3	20.8	18.5	21.0	19.4	19.1	17.4	---	---
5	---	---	27.0	24.8	21.0	19.9	21.6	19.9	20.2	17.6	---	---
6	---	---	27.2	25.7	20.0	17.2	22.6	20.4	21.4	18.3	---	---
7	---	---	27.6	25.6	18.6	15.0	20.5	16.0	21.1	18.4	---	---
8	---	---	27.8	25.9	18.4	15.3	19.0	15.0	18.5	15.2	---	---
9	---	---	26.7	24.8	18.9	16.8	18.7	16.9	19.1	14.6	---	---
10	---	---	26.0	24.1	19.2	18.0	18.5	14.8	20.3	16.1	21.3	18.7
11	---	---	25.7	24.1	18.6	17.3	15.6	12.5	21.3	18.4	21.2	15.0
12	---	---	26.1	23.9	18.0	16.7	16.6	13.3	22.5	19.7	21.4	17.0
13	---	---	26.2	23.8	17.9	16.7	16.8	13.8	22.6	20.7	22.1	18.3
14	---	---	24.6	22.0	19.0	17.8	17.2	13.8	21.9	20.3	21.9	18.6
15	---	---	24.5	21.1	18.4	16.9	17.6	16.0	---	---	21.8	20.3
16	---	---	25.0	21.0	19.4	15.6	17.9	15.6	---	---	22.1	20.6
17	---	---	25.6	22.3	18.8	16.2	17.3	16.1	---	---	24.0	21.4
18	---	---	25.3	22.9	17.7	14.8	17.9	16.8	---	---	24.3	20.8
19	---	---	24.3	22.5	17.8	15.5	19.7	17.5	---	---	24.6	21.4
20	---	---	23.0	20.8	16.6	13.3	18.2	16.2	---	---	24.0	20.7
21	27.7	24.6	23.0	20.5	16.1	12.6	17.4	15.3	---	---	24.3	21.6
22	27.6	25.4	23.3	20.9	17.3	13.6	17.8	14.9	---	---	23.6	20.8
23	27.6	25.4	23.2	21.3	18.0	15.1	17.3	14.5	---	---	21.9	18.9
24	27.0	24.1	23.1	21.8	19.2	15.8	17.3	14.5	---	---	21.2	18.2
25	26.6	24.8	23.0	22.4	18.9	16.4	17.8	15.0	---	---	21.3	18.1
26	27.2	25.3	23.8	22.0	18.8	15.0	19.4	16.5	---	---	21.9	19.2
27	27.1	26.0	23.6	21.8	19.4	15.1	20.7	18.9	---	---	22.3	19.5
28	26.8	25.9	24.3	21.3	18.8	15.6	19.1	15.5	---	---	23.0	20.0
29	27.1	25.2	22.9	17.5	19.3	15.9	16.9	13.7	---	---	23.5	20.8
30	26.5	22.9	19.1	16.9	19.8	17.6	16.8	15.8	---	---	23.1	21.0
31	26.5	24.0	---	---	21.1	17.9	16.8	15.7	---	---	24.1	22.1
MONTH	---	---	27.8	16.9	21.1	12.6	22.6	12.5	---	---	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	23.4	21.5	28.1	25.3	32.6	29.8	32.2	28.7	30.2	28.0	32.9	29.2
2	23.1	20.2	28.9	25.9	32.4	29.9	32.3	30.0	29.6	27.4	33.1	29.1
3	22.7	20.2	27.5	26.1	32.2	29.2	32.0	28.7	30.2	27.0	32.1	29.1
4	23.2	20.4	27.4	24.3	31.5	29.2	32.0	29.2	29.2	27.7	30.7	28.4
5	22.9	20.1	26.6	22.2	31.4	29.4	32.6	28.7	30.5	27.4	29.3	26.4
6	23.0	19.7	27.1	22.4	31.8	29.1	33.1	29.9	31.5	28.0	27.3	26.0
7	23.7	20.5	27.0	23.0	31.4	29.0	32.2	29.8	31.9	28.9	29.0	26.1
8	24.5	21.7	27.0	23.0	31.5	29.5	33.1	29.1	30.4	28.8	30.0	27.6
9	25.0	22.4	26.6	23.8	31.9	29.2	34.1	30.3	31.7	28.5	29.5	28.0
10	26.6	23.5	26.1	24.0	32.4	29.6	34.6	31.0	32.2	28.6	30.5	27.3
11	25.6	23.0	26.4	24.4	33.1	30.0	34.5	31.0	32.3	29.5	---	---
12	25.0	22.1	27.0	25.0	33.5	30.6	33.0	29.5	32.6	30.9	---	---
13	23.8	21.9	27.4	25.4	33.6	31.0	33.9	31.5	31.8	27.3	29.5	27.6
14	22.0	19.1	27.8	25.5	32.3	29.8	33.4	31.5	29.3	26.9	29.0	27.6
15	21.8	17.9	28.0	25.5	32.3	29.2	32.6	31.3	29.8	26.6	---	---
16	23.0	18.6	27.7	25.7	32.1	29.3	32.0	30.1	31.2	27.4	---	---
17	23.5	20.3	28.3	25.4	31.9	29.2	31.1	29.4	31.9	27.8	---	---
18	23.7	20.2	28.8	25.6	32.0	28.5	30.9	29.5	32.4	28.4	---	---
19	24.1	20.4	28.0	25.6	32.6	28.9	30.2	28.3	32.8	28.7	---	---
20	24.1	21.1	28.5	25.4	32.6	30.5	29.2	27.3	33.3	29.7	---	---
21	24.2	21.2	28.7	25.5	32.5	30.7	31.4	27.2	32.9	29.5	---	---
22	25.4	21.0	29.0	26.0	32.6	30.6	32.2	27.3	33.8	29.4	---	---
23	26.5	23.0	29.1	26.6	33.0	29.8	33.1	28.2	31.5	29.4	---	---
24	26.4	23.0	29.2	25.9	32.6	30.5	33.2	28.9	31.9	29.0	---	---
25	26.5	24.2	29.6	26.6	32.9	29.2	33.5	29.3	32.1	30.0	---	---
26	27.2	24.3	30.0	27.4	33.5	30.5	32.4	30.0	32.3	30.2	---	---
27	27.0	25.2	31.0	28.3	33.0	29.8	33.5	30.5	32.6	29.9	---	---
28	25.7	23.1	31.2	28.4	32.6	29.9	32.8	29.4	32.0	29.2	---	---
29	25.8	24.0	32.0	28.9	32.2	29.6	32.0	29.2	32.6	29.0	---	---
30	27.5	24.3	32.5	29.3	31.5	28.7	31.3	28.8	33.8	29.5	---	---
31	---	---	32.7	29.5	---	---	30.6	28.2	34.1	29.7	---	---
MONTH	27.5	17.9	32.7	22.2	33.6	28.5	34.6	27.2	34.1	26.6	---	---

02299733 DONNA BAY AT NOKOMIS, FL—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	26.3	23.4	20.1	18.1	20.1	18.3	18.8	15.8	---	---
2	---	---	26.1	23.6	19.9	17.4	20.2	18.3	18.7	16.7	---	---
3	---	---	25.1	24.0	20.0	17.4	20.3	18.4	19.2	16.8	---	---
4	---	---	25.7	24.3	20.8	18.6	20.8	19.1	18.2	17.1	---	---
5	---	---	26.9	24.8	21.0	19.9	21.6	19.8	20.1	17.4	---	---
6	---	---	27.2	25.6	20.0	17.2	22.6	20.3	21.3	18.3	---	---
7	---	---	27.5	25.6	18.6	15.0	20.5	16.5	21.1	18.1	---	---
8	---	---	27.7	26.0	18.4	15.6	18.4	15.5	18.2	15.1	---	---
9	---	---	26.7	24.9	18.9	16.8	18.7	17.2	18.9	14.9	---	---
10	---	---	26.0	24.1	19.2	18.0	18.4	15.8	20.3	16.5	21.3	18.7
11	---	---	25.7	24.1	18.6	17.6	16.9	13.2	21.3	18.4	21.2	15.2
12	---	---	26.0	23.9	18.2	16.7	16.6	13.4	22.5	19.4	21.5	18.3
13	---	---	25.9	24.2	17.9	16.7	16.7	13.8	22.6	20.4	22.1	19.1
14	---	---	25.1	22.0	19.0	17.8	16.9	14.3	22.0	20.2	21.8	19.1
15	---	---	24.2	22.4	18.4	16.9	17.5	16.0	---	---	21.9	20.3
16	---	---	24.9	22.8	19.0	16.4	17.6	16.0	---	---	22.2	20.7
17	---	---	25.5	22.3	18.7	16.4	17.3	16.2	---	---	24.0	21.3
18	---	---	25.1	22.9	17.6	15.7	17.8	16.8	---	---	24.3	20.8
19	---	---	24.3	22.6	17.8	15.5	19.5	17.4	---	---	24.7	21.5
20	---	---	23.0	20.8	16.7	14.2	18.2	16.3	---	---	24.1	20.8
21	27.7	24.6	22.9	20.7	16.1	12.7	17.4	15.4	---	---	24.4	21.7
22	27.6	25.3	23.3	20.9	16.6	13.6	17.8	15.0	---	---	23.6	20.9
23	27.6	25.4	23.1	21.4	17.3	15.2	17.3	14.6	---	---	21.9	18.9
24	27.0	24.7	23.1	21.8	18.3	16.0	17.3	14.7	---	---	21.3	18.5
25	26.6	25.0	23.0	22.4	18.1	16.3	17.8	15.1	---	---	21.3	18.4
26	27.2	25.3	23.3	22.0	18.6	15.6	19.4	16.4	---	---	22.0	19.3
27	27.1	26.0	23.5	21.8	17.7	15.4	20.7	18.8	---	---	22.3	19.6
28	26.8	25.9	24.2	22.7	18.3	15.8	19.1	15.6	---	---	23.1	20.1
29	27.1	25.3	22.9	17.7	18.9	16.7	16.9	13.8	---	---	23.6	21.0
30	26.5	24.5	19.5	16.9	19.7	17.8	16.8	15.9	---	---	23.1	21.3
31	26.5	23.9	---	---	20.3	18.4	16.7	15.7	---	---	24.1	22.0
MONTH	---	---	27.7	16.9	21.0	12.7	22.6	13.2	---	---	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	23.5	21.5	28.1	25.3	32.6	29.9	32.3	28.9	30.4	28.4	32.9	29.3
2	23.1	20.3	28.9	25.9	32.4	30.0	32.4	30.1	29.9	27.6	33.1	29.4
3	22.8	20.2	27.7	26.2	32.2	29.2	32.1	29.2	29.5	27.1	32.2	29.2
4	23.2	20.4	27.6	24.4	31.6	29.3	32.0	29.4	29.2	27.7	31.2	28.4
5	23.0	20.1	26.7	22.7	31.4	29.5	32.7	28.9	30.3	27.5	29.6	26.4
6	23.1	19.7	27.1	23.3	31.8	29.2	33.2	29.9	31.5	28.2	---	---
7	23.7	20.5	27.0	23.2	31.5	29.1	32.2	30.2	31.3	29.0	---	---
8	24.5	21.7	27.1	24.0	31.5	29.6	33.3	29.8	30.2	29.0	---	---
9	25.0	22.5	26.6	24.2	32.0	29.3	34.1	30.8	31.4	28.8	---	---
10	26.6	23.5	26.1	24.3	32.5	29.7	34.6	31.6	32.3	29.4	---	---
11	25.7	23.1	26.3	24.6	33.1	30.1	34.5	31.3	32.4	30.4	---	---
12	25.0	22.2	27.1	25.0	33.5	30.6	33.1	30.1	32.4	30.8	---	---
13	23.8	21.9	27.5	25.5	33.6	31.0	34.0	31.4	31.8	27.5	---	---
14	22.0	19.1	27.9	25.6	32.3	29.9	33.4	31.5	28.7	27.1	---	---
15	21.8	18.0	28.0	25.6	32.3	29.2	32.5	31.3	29.8	26.7	---	---
16	23.0	18.9	27.8	25.8	32.2	29.4	32.1	30.6	30.7	27.4	---	---
17	23.6	20.3	28.3	25.4	32.0	29.2	31.2	29.5	31.9	28.0	---	---
18	23.8	20.3	28.8	25.6	32.0	28.6	30.9	29.7	32.4	28.4	---	---
19	24.1	20.4	28.1	25.7	32.7	29.8	30.3	28.4	32.8	28.8	---	---
20	24.2	21.1	28.6	25.5	32.7	30.5	29.3	27.5	33.3	29.8	---	---
21	24.2	21.3	28.8	25.6	32.5	30.9	31.4	27.5	32.9	29.6	---	---
22	25.5	21.1	29.1	26.4	32.7	30.9	31.1	27.7	33.4	29.4	---	---
23	26.5	23.0	29.1	26.7	33.0	30.0	31.9	28.4	31.7	29.5	---	---
24	26.5	23.0	29.3	26.5	32.6	30.6	32.4	29.1	31.9	29.4	---	---
25	26.6	24.2	29.6	27.1	32.9	29.2	33.1	29.9	32.0	30.3	---	---
26	27.2	24.3	30.1	27.6	33.5	30.6	32.3	30.7	32.3	30.3	---	---
27	27.0	25.0	31.1	28.3	33.1	30.3	33.3	30.5	32.6	30.4	---	---
28	25.8	23.8	31.1	28.4	32.7	29.8	32.9	30.0	32.0	29.6	---	---
29	25.8	24.0	32.0	28.9	32.2	30.2	31.9	29.4	32.5	29.2	---	---
30	27.5	24.2	32.5	29.3	31.6	28.9	31.1	29.0	33.6	29.6	---	---
31	---	---	32.8	29.6	---	---	30.7	28.8	34.1	30.0	---	---
MONTH	27.5	18.0	32.8	22.7	33.6	28.6	34.6	27.5	34.1	26.7	---	---

02299733 DONNA BAY AT NOKOMIS, FL—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	51,900	45,300	52,500	45,200	49,800	36,800	51,900	42,100	29,200	5,900
2	---	---	52,500	46,100	52,500	46,500	48,500	39,600	51,400	42,700	33,100	4,520
3	---	---	52,800	45,200	51,600	48,700	49,300	40,400	52,000	39,600	35,900	5,100
4	---	---	53,000	45,700	52,200	48,400	52,300	40,800	49,300	41,900	49,000	8,770
5	41,800	23,500	53,000	44,600	52,100	48,900	51,800	40,000	51,400	41,400	48,200	13,700
6	46,800	28,600	49,300	44,300	52,000	49,500	52,200	37,300	52,300	43,600	49,200	11,900
7	41,300	31,300	51,800	45,900	52,100	48,700	51,600	37,100	52,400	44,500	49,700	11,400
8	47,700	31,700	51,200	45,800	51,600	47,800	52,500	37,400	52,200	44,800	49,700	27,100
9	51,500	33,700	49,600	46,300	52,300	47,400	52,600	38,400	52,300	45,400	47,400	23,700
10	51,200	36,700	51,400	45,600	52,200	45,900	52,800	40,400	52,200	46,100	48,500	23,400
11	51,200	37,700	52,100	46,200	51,900	47,500	53,200	41,400	51,200	45,500	49,100	26,700
12	50,600	33,700	52,100	46,200	51,700	47,700	52,800	44,000	51,500	46,300	48,800	21,100
13	51,200	33,200	52,100	46,600	51,700	48,000	52,800	45,900	51,700	47,000	49,200	23,800
14	51,600	26,500	51,700	47,400	51,600	48,800	52,800	36,300	51,200	47,200	47,100	20,200
15	51,600	33,900	51,900	48,100	51,500	48,800	38,300	29,900	50,600	45,300	46,600	11,900
16	51,100	31,100	52,000	44,100	52,600	50,600	36,300	26,300	51,200	43,200	48,100	25,500
17	51,800	31,100	52,400	48,800	52,300	49,200	43,300	19,100	51,300	43,800	35,000	6,610
18	52,000	34,600	52,300	49,000	52,000	50,400	45,100	28,800	51,400	43,700	6,820	1,260
19	52,000	37,100	52,400	50,100	52,100	50,500	51,800	32,100	51,600	44,400	3,390	714
20	52,300	35,800	52,300	50,900	52,100	49,900	52,100	26,600	51,700	43,600	11,500	800
21	52,300	36,400	52,300	51,000	52,700	50,600	52,000	32,700	51,400	44,200	39,100	1,190
22	49,200	39,400	52,400	50,600	52,800	49,700	52,300	31,500	51,200	43,200	31,800	3,360
23	49,200	42,200	52,500	50,000	52,700	50,100	52,000	36,200	51,300	43,200	35,700	4,670
24	52,100	43,300	52,500	49,700	52,100	49,400	51,600	31,000	51,300	44,800	39,400	6,360
25	52,300	42,100	51,700	48,900	51,500	45,500	51,500	33,300	51,100	44,600	46,100	15,000
26	51,200	42,900	51,800	46,800	51,900	29,600	51,500	37,100	50,000	45,300	46,600	17,600
27	51,600	41,900	52,500	47,600	44,600	22,000	51,400	35,300	50,400	39,900	47,200	21,600
28	52,000	42,900	52,100	46,700	51,000	23,700	51,100	39,500	42,200	11,000	46,700	18,600
29	52,600	42,700	51,600	47,600	51,100	29,200	50,400	41,400	---	---	48,100	16,100
30	52,600	43,300	52,500	45,500	49,100	31,700	51,300	42,000	---	---	48,900	17,500
31	52,600	44,000	---	---	49,500	30,800	51,000	42,400	---	---	48,800	18,200
MONTH	---	---	53,000	44,100	52,800	22,000	53,200	19,100	52,400	11,000	49,700	714
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	49,100	23,000	52,100	40,600	50,100	35,500	2,230	511	48,100	15,600	48,300	32,100
2	44,300	23,500	50,200	37,500	41,300	13,200	6,250	488	48,200	17,500	49,500	35,400
3	49,400	17,500	51,000	39,300	35,900	8,480	24,100	674	49,300	19,100	50,200	36,200
4	50,300	16,100	52,600	39,200	38,300	6,930	40,900	1,050	49,800	20,500	49,000	39,400
5	50,400	15,000	52,000	40,500	34,500	1,470	45,700	3,840	50,400	23,500	49,000	41,400
6	50,600	29,900	45,200	33,600	34,100	1,810	47,000	9,340	50,300	25,900	49,900	41,700
7	50,800	35,200	49,600	35,500	45,800	1,960	47,200	12,500	50,200	21,700	50,800	43,100
8	49,900	32,400	51,900	35,700	50,400	3,290	48,000	16,900	49,900	24,900	51,100	43,100
9	50,400	27,800	51,900	35,700	44,000	5,100	30,400	11,700	47,600	21,100	52,100	44,700
10	50,200	29,700	51,900	36,600	26,400	6,120	26,400	1,190	47,300	23,200	52,400	43,200
11	51,400	32,500	51,900	33,900	37,000	594	7,170	1,190	48,800	23,800	52,500	44,100
12	51,700	35,100	52,100	38,700	1,600	464	15,300	1,210	49,900	26,100	52,700	45,100
13	51,600	35,200	50,700	40,700	647	343	17,600	2,330	49,200	29,400	52,700	46,000
14	52,200	34,500	52,000	42,600	624	337	8,500	1,290	50,300	29,100	52,400	45,900
15	48,000	33,700	52,100	44,600	2,120	414	16,000	717	50,200	28,200	52,200	45,800
16	47,800	35,900	51,900	43,000	6,540	807	20,600	923	50,500	31,400	52,300	46,800
17	51,400	37,200	51,700	44,900	27,600	3,060	31,600	2,210	50,700	32,100	52,100	46,300
18	51,000	40,500	50,400	44,900	38,300	6,930	43,900	7,630	50,700	30,300	51,900	48,000
19	51,700	42,500	50,600	46,700	45,500	10,100	45,800	7,110	50,400	34,000	51,700	47,900
20	52,300	44,300	52,000	47,200	50,200	10,500	46,700	6,350	49,800	36,500	51,800	47,500
21	52,000	45,400	52,100	45,700	41,300	2,790	46,700	8,930	50,400	37,200	52,600	49,200
22	52,700	44,000	52,100	45,900	49,700	7,360	46,200	11,200	49,700	39,000	52,500	48,300
23	53,100	46,500	51,900	44,500	49,800	9,100	48,100	12,400	48,900	37,900	52,000	47,900
24	52,400	43,100	52,000	45,100	49,400	8,200	49,600	13,100	48,900	33,700	51,400	47,000
25	52,900	43,400	53,100	48,000	50,300	8,370	45,600	16,600	48,900	33,700	51,600	46,900
26	53,000	44,700	52,900	48,300	47,900	8,370	43,000	11,300	47,400	36,100	50,800	46,400
27	52,600	39,000	53,100	47,900	43,400	12,500	39,300	8,850	51,500	45,500	51,900	47,300
28	51,400	38,100	53,000	46,800	34,500	10,200	43,100	9,040	48,800	40,000	50,500	46,100
29	52,900	37,800	53,100	46,800	28,600	2,760	46,100	11,200	42,900	36,100	50,500	46,300
30	52,800	38,200	53,100	48,800	8,390	760	42,400	11,700	41,200	33,100	49,700	44,800
31	---	---	52,200	49,400	---	---	47,900	14,200	46,000	30,900	---	---
MONTH	53,100	15,000	53,100	33,600	50,400	337	49,600	488	51,500	15,600	52,700	32,100

02299733 DONNA BAY AT NOKOMIS, FL—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	52,600	45,600	52,400	47,000	50,300	36,500	51,700	42,000	30,600	5,820
2	---	---	52,800	46,100	52,400	45,600	49,500	39,300	51,600	42,700	35,400	4,530
3	---	---	52,900	45,700	52,200	46,600	52,100	40,300	51,900	39,400	36,300	4,760
4	---	---	53,000	46,400	52,300	46,900	52,300	40,800	51,300	41,800	49,000	11,500
5	50,500	23,900	53,000	44,500	52,200	48,400	52,200	39,900	51,900	41,300	48,500	13,900
6	51,100	28,900	51,200	43,800	52,100	48,600	52,100	37,100	52,100	43,400	49,400	12,200
7	43,700	31,700	51,800	46,200	52,100	48,700	52,000	37,000	52,200	44,400	49,800	12,900
8	51,800	31,700	51,400	46,600	52,500	47,900	52,200	36,300	52,100	44,700	49,800	28,000
9	52,800	33,000	50,600	45,600	52,600	47,900	52,300	37,300	52,200	45,200	48,700	22,700
10	52,600	35,800	51,000	45,000	52,500	47,700	52,400	40,200	52,000	46,000	49,000	22,800
11	52,800	38,200	51,800	45,900	52,200	47,700	52,900	39,600	50,800	45,200	49,200	26,500
12	51,800	34,400	51,900	45,900	52,100	47,000	52,500	43,700	51,300	46,200	49,000	24,500
13	52,800	33,900	51,800	44,900	52,200	47,900	52,400	45,500	51,500	46,900	49,500	24,100
14	52,800	27,500	51,200	46,100	52,200	48,100	52,300	36,500	51,100	47,100	47,800	21,100
15	52,800	35,100	51,300	45,800	50,800	46,700	39,200	29,700	50,300	45,100	49,300	21,100
16	52,400	31,600	51,400	47,300	52,300	44,300	44,600	24,400	51,100	43,300	48,200	25,700
17	52,800	31,600	52,200	48,500	52,100	50,400	45,100	19,100	51,100	43,700	37,300	6,790
18	52,900	35,100	52,100	48,400	51,800	50,200	46,400	28,500	51,200	43,500	7,010	1,300
19	52,900	37,900	52,200	48,900	51,900	50,300	52,000	32,000	51,500	44,100	5,360	915
20	52,900	36,200	52,000	48,900	51,900	49,600	51,900	27,000	51,600	44,200	13,400	830
21	52,900	38,100	52,000	49,600	52,600	50,200	51,800	32,700	51,300	43,900	41,600	1,240
22	52,800	39,800	52,000	49,900	52,600	49,500	52,000	31,500	51,100	43,700	33,400	4,340
23	51,200	42,600	52,100	49,500	52,500	49,800	51,700	36,300	51,200	42,600	40,000	5,180
24	52,700	43,700	52,100	48,700	51,900	49,100	51,300	30,900	51,200	44,900	42,200	6,500
25	52,800	43,100	51,300	47,500	51,200	45,600	51,300	33,200	51,000	44,600	47,200	15,400
26	52,400	42,800	51,800	46,500	51,600	29,600	51,200	37,000	50,400	45,600	48,400	18,000
27	52,500	42,200	52,200	47,000	49,700	21,900	51,200	35,400	50,300	39,900	47,300	22,200
28	52,700	42,900	51,800	46,300	50,800	24,100	51,000	39,300	42,100	11,000	48,100	18,800
29	52,800	42,900	51,700	47,100	51,100	29,000	50,900	41,200	---	---	49,100	17,200
30	52,800	43,500	52,200	45,200	51,100	31,300	51,300	41,900	---	---	49,000	19,100
31	52,800	45,100	---	---	49,800	36,100	50,800	42,300	---	---	49,100	18,800
MONTH	---	---	53,000	43,800	52,600	21,900	52,900	19,100	52,200	11,000	49,800	830
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	48,600	23,500	51,000	39,600	49,200	34,700	2,220	504	48,800	16,200	48,700	32,200
2	45,400	25,900	50,000	37,200	40,500	13,300	8,120	509	48,300	17,400	49,500	35,500
3	49,400	17,900	50,900	38,400	40,600	9,100	25,100	708	49,200	19,100	50,200	36,300
4	49,900	17,100	51,200	38,300	39,500	6,840	41,200	1,050	50,000	22,500	49,000	39,400
5	50,100	23,000	50,600	39,700	37,000	1,480	49,600	3,820	50,500	23,400	48,200	41,200
6	50,000	30,300	45,200	32,900	36,500	1,790	47,100	9,320	50,400	26,000	49,500	41,400
7	49,900	35,800	50,000	34,700	48,000	1,890	47,300	12,500	50,500	23,700	50,900	42,700
8	49,300	32,400	50,900	35,000	49,900	4,570	48,200	16,800	50,200	24,700	51,300	43,500
9	49,700	28,800	51,000	35,500	46,000	5,140	36,000	11,600	49,100	20,800	51,800	44,700
10	49,700	31,700	50,900	35,900	32,100	6,160	29,100	1,250	46,900	23,300	52,500	43,400
11	50,200	32,900	51,000	37,500	36,500	584	8,190	1,160	48,600	23,700	52,500	44,300
12	50,500	35,300	51,100	38,200	1,520	463	26,300	1,210	49,800	26,100	53,000	45,400
13	50,900	35,000	50,600	39,900	654	342	28,900	2,500	49,000	28,900	53,100	46,500
14	51,400	34,000	51,300	42,000	592	331	14,600	1,340	50,100	29,100	52,900	46,500
15	47,300	33,200	51,300	44,000	2,160	401	21,600	759	50,100	28,100	53,000	46,700
16	48,200	33,900	51,400	42,600	6,170	812	29,600	966	50,400	31,400	53,400	47,900
17	50,400	35,600	51,300	44,400	28,900	3,020	36,900	2,170	50,600	32,100	53,200	47,300
18	50,100	40,200	50,100	45,500	39,600	6,760	44,500	7,750	50,500	30,300	53,200	49,200
19	50,900	41,800	50,500	45,900	45,800	9,990	45,700	7,570	50,300	34,000	53,100	49,200
20	51,700	43,500	51,800	45,700	49,900	10,600	46,700	8,920	49,800	36,300	53,500	48,900
21	51,200	44,500	51,900	46,300	41,600	2,800	47,000	10,100	50,300	37,300	54,500	51,000
22	51,400	43,100	51,900	45,900	49,300	7,390	46,400	11,400	49,800	37,600	54,500	50,400
23	51,400	45,100	51,900	45,100	49,400	9,030	48,300	12,700	48,800	38,000	54,200	49,900
24	51,100	43,400	51,900	44,800	49,200	8,150	49,900	13,400	48,900	33,800	53,800	49,300
25	51,300	42,300	52,200	46,800	49,900	8,230	49,800	17,000	48,800	33,800	54,100	49,300
26	51,300	43,500	52,100	46,300	47,600	8,230	45,300	11,400	47,000	37,100	53,600	49,000
27	51,700	39,200	52,200	46,800	43,300	12,500	43,400	9,070	51,400	45,500	54,700	49,900
28	51,200	37,500	52,300	47,100	35,900	10,100	45,000	9,650	48,900	39,700	53,700	48,900
29	51,700	37,100	52,300	47,400	31,400	2,710	47,700	11,500	42,900	36,000	53,800	49,200
30	51,700	37,600	52,300	47,900	9,580	793	46,500	11,600	41,300	33,100	53,000	47,600
31	---	---	51,300	48,300	---	---	49,300	14,100	46,100	31,000	---	---
MONTH	51,700	17,100	52,300	32,900	49,900	331	49,900	504	51,400	16,200	54,700	32,200

02299733 DONNA BAY AT NOKOMIS, FL—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	26.7	25.0	23.8	21.5	19.3	17.1	18.9	16.2	22.7	19.3
2	---	---	27.2	25.2	23.5	22.1	19.6	16.9	19.1	17.0	21.2	18.1
3	---	---	27.9	25.4	23.1	20.6	19.8	17.0	19.9	17.2	18.3	15.6
4	---	---	27.7	25.5	21.9	19.3	19.9	17.3	20.0	15.1	19.7	14.6
5	31.3	27.5	27.0	24.2	21.0	19.0	19.9	18.3	17.6	14.2	19.7	14.9
6	30.4	26.5	25.5	21.8	21.8	19.9	20.5	18.9	18.3	15.5	19.9	16.7
7	28.8	25.9	24.9	22.2	22.6	21.3	21.7	20.0	19.0	16.7	21.1	18.7
8	28.3	24.3	24.3	21.3	23.4	22.1	21.6	20.2	19.0	16.7	20.9	19.0
9	28.3	25.9	24.1	21.6	23.8	22.4	22.4	20.1	19.9	17.2	19.4	16.1
10	28.0	26.3	23.9	22.1	23.7	22.9	21.5	19.5	20.0	17.8	20.4	15.2
11	27.4	25.5	24.2	22.1	23.0	20.3	20.6	18.6	17.9	15.8	20.8	17.7
12	28.4	24.7	24.4	22.7	20.6	18.4	20.8	18.9	17.2	14.9	22.1	18.1
13	28.3	25.9	24.9	23.4	20.8	18.3	21.6	19.7	17.6	14.6	22.0	18.4
14	28.5	25.6	24.1	22.9	20.4	17.2	21.6	20.0	18.8	16.0	22.6	19.7
15	27.4	25.3	23.2	21.5	17.5	14.9	20.5	19.1	20.4	17.3	22.5	20.6
16	26.9	23.7	23.2	21.2	16.9	12.5	19.3	15.9	21.3	18.1	23.3	21.1
17	26.9	23.8	22.9	20.8	16.8	15.9	17.8	13.1	20.8	18.2	23.1	21.1
18	26.9	24.5	23.3	21.2	17.5	16.4	16.7	12.6	20.6	17.6	22.1	19.9
19	27.6	26.0	23.2	21.4	17.8	16.1	17.1	12.8	19.2	16.8	22.0	18.6
20	29.7	26.6	23.6	21.9	16.5	14.6	16.5	13.7	19.3	17.4	21.9	18.1
21	29.7	27.0	24.1	22.3	17.1	14.2	17.4	15.4	20.4	18.3	22.6	18.8
22	28.7	25.4	24.3	22.9	17.6	15.1	18.3	16.6	21.9	18.4	25.5	21.0
23	27.7	24.6	24.4	23.1	18.1	16.9	18.3	14.7	22.7	19.7	23.7	22.2
24	27.4	24.7	24.6	23.4	18.2	16.6	16.2	12.1	22.6	20.1	24.5	21.3
25	27.8	25.1	24.6	22.8	16.8	15.8	17.2	13.3	22.2	20.5	25.7	22.4
26	27.3	25.3	23.1	20.9	16.6	12.8	17.4	14.6	22.3	20.6	26.9	23.2
27	26.7	24.9	22.7	20.4	15.2	12.1	20.0	16.4	21.5	20.0	26.8	23.9
28	26.6	24.7	23.3	21.7	16.5	12.8	19.5	17.4	23.9	20.8	26.0	23.4
29	26.8	25.0	22.8	20.4	17.8	14.0	18.4	16.8	---	---	25.6	20.6
30	27.0	24.8	22.6	20.9	18.6	15.0	19.5	16.8	---	---	26.1	20.4
31	26.9	25.6	---	---	18.8	16.3	19.9	17.5	---	---	25.8	23.5
MONTH	---	---	27.9	20.4	23.8	12.1	22.4	12.1	23.9	14.2	26.9	14.6
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	26.3	24.4	26.0	24.1	29.6	27.2	31.4	28.0	33.6	31.3	32.1	29.8
2	25.8	22.3	27.6	24.1	28.4	26.3	31.1	28.9	34.0	31.7	31.7	29.6
3	23.8	19.8	27.9	24.7	27.8	26.4	32.8	29.1	33.5	31.4	31.4	29.1
4	24.9	19.0	26.1	24.2	28.2	26.0	32.7	30.1	33.7	30.6	30.6	28.8
5	25.8	21.1	25.4	23.8	28.5	26.0	33.8	30.9	33.5	28.7	30.2	27.8
6	25.7	22.7	26.2	23.5	29.3	26.1	34.5	31.5	33.8	29.8	30.4	27.5
7	24.3	23.2	26.4	22.9	31.2	27.3	34.1	31.4	33.4	29.3	30.8	28.6
8	25.8	22.6	26.9	23.6	32.4	27.3	33.2	30.0	33.1	29.9	30.5	28.5
9	25.8	22.7	27.3	24.1	30.1	27.5	30.2	27.1	33.0	30.2	30.9	28.2
10	26.2	22.4	27.4	24.7	27.7	25.8	28.2	26.7	34.0	29.4	31.5	28.2
11	25.8	21.3	27.5	24.0	28.1	25.7	30.8	26.7	33.6	30.4	31.8	27.7
12	25.6	23.3	27.2	24.7	29.2	27.4	32.1	28.5	34.7	29.9	32.1	27.8
13	25.9	23.6	26.8	23.9	30.0	27.9	32.8	29.1	34.6	29.7	32.2	27.9
14	25.3	23.3	26.4	23.6	31.4	28.6	31.0	28.4	34.5	30.8	31.7	28.9
15	23.8	20.8	27.6	25.2	32.1	29.4	31.0	28.0	34.5	31.2	31.4	28.4
16	23.5	19.2	28.7	26.1	32.9	29.3	31.8	28.5	34.6	32.0	30.9	28.5
17	23.6	18.3	29.2	26.2	33.2	30.2	32.3	29.1	33.4	30.4	31.1	28.8
18	24.1	19.7	29.3	26.8	33.3	30.1	32.5	30.9	33.6	30.1	30.5	28.9
19	24.6	21.5	28.8	26.0	33.1	29.7	32.0	30.1	34.4	31.5	30.1	28.7
20	24.3	22.2	29.2	25.9	31.5	28.7	31.9	29.2	34.4	31.3	29.2	27.8
21	25.2	22.0	30.0	26.7	29.3	27.4	32.3	29.6	33.3	30.8	28.1	27.0
22	25.6	22.9	30.0	27.1	29.0	26.1	33.8	29.2	34.1	30.6	27.7	27.1
23	25.7	22.9	29.8	27.2	28.8	26.2	33.3	30.1	33.4	30.6	28.3	27.0
24	24.5	22.1	28.9	26.9	28.8	25.4	33.3	29.9	33.9	30.2	29.7	27.1
25	23.8	19.9	28.9	27.1	30.7	25.7	31.7	29.5	32.9	30.5	30.3	27.2
26	23.9	20.8	28.7	26.6	32.4	27.6	33.2	29.8	30.5	27.0	31.2	27.6
27	25.2	22.2	29.5	26.6	30.5	28.4	33.8	29.8	29.8	28.2	31.2	27.9
28	25.7	21.4	30.2	27.7	30.8	27.9	32.3	30.1	30.5	28.1	31.3	28.2
29	25.3	22.6	30.8	28.4	29.4	27.6	34.0	30.8	31.7	28.8	31.1	28.4
30	26.1	23.6	30.6	28.5	30.1	27.2	33.5	30.8	32.3	30.1	30.9	28.8
31	---	---	30.7	27.9	---	---	33.2	30.9	32.8	30.2	---	---
MONTH	26.3	18.3	30.8	22.9	33.3	25.4	34.5	26.7	34.7	27.0	32.2	27.0

02299733 DONNA BAY AT NOKOMIS, FL—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	26.7	25.0	23.8	21.5	18.8	16.7	18.9	16.2	22.4	19.3
2	---	---	27.1	25.1	23.4	22.1	19.5	17.0	19.0	17.0	21.2	18.0
3	---	---	27.6	25.3	23.1	20.7	19.7	17.0	19.9	17.1	18.3	14.8
4	---	---	27.7	25.5	21.9	19.3	19.9	17.3	20.0	15.6	19.6	14.5
5	31.3	28.1	27.0	24.5	21.0	19.0	19.9	17.9	17.6	14.2	19.4	15.4
6	30.4	26.5	25.5	22.0	21.8	19.9	20.4	18.4	17.9	15.5	19.8	16.0
7	28.8	26.1	24.9	22.3	22.5	21.4	21.5	19.6	19.0	16.7	21.0	17.7
8	28.3	24.5	24.2	21.5	23.3	21.9	21.4	20.0	18.8	16.8	20.9	19.0
9	28.3	26.2	24.1	21.8	23.8	22.4	21.9	20.1	19.8	17.2	19.4	16.6
10	27.9	26.4	23.9	22.1	23.6	22.9	21.4	19.2	19.9	17.8	20.3	15.6
11	27.3	25.5	24.1	22.1	22.9	20.3	20.3	18.5	18.0	15.8	20.8	17.7
12	28.3	24.8	24.4	22.8	20.8	17.3	20.7	18.9	17.2	14.9	22.0	18.1
13	28.2	26.0	24.9	23.4	20.7	18.2	21.6	19.7	17.6	14.9	22.0	18.4
14	28.3	25.7	24.1	22.9	20.4	17.2	21.6	20.1	18.8	15.9	22.6	19.7
15	27.4	25.4	23.2	21.7	17.6	14.0	20.6	19.1	20.4	17.2	22.5	20.2
16	26.6	23.7	23.2	21.2	16.9	13.6	19.2	17.0	21.3	18.1	23.3	21.0
17	26.8	23.8	22.8	21.1	17.0	15.9	18.3	13.7	20.8	18.2	23.1	21.1
18	26.8	24.5	23.2	21.2	17.5	16.4	17.1	12.6	20.6	17.6	22.1	19.9
19	27.5	25.2	23.2	21.4	17.8	16.1	17.1	12.9	19.0	16.8	22.0	18.6
20	29.1	25.8	23.6	21.9	16.5	14.6	16.5	13.9	19.4	17.4	21.9	18.1
21	29.6	26.5	24.0	22.3	17.1	14.3	17.3	15.5	20.3	18.4	22.4	18.8
22	28.7	25.5	24.2	22.8	17.5	15.2	18.1	16.7	21.9	19.0	25.2	21.0
23	27.7	24.7	24.4	23.1	18.0	16.9	18.3	15.0	22.5	19.7	23.7	22.1
24	27.4	24.9	24.6	23.3	18.2	16.6	16.2	12.3	22.5	20.0	24.3	21.3
25	27.7	25.1	24.6	23.0	16.8	15.8	17.2	13.7	22.1	20.5	25.7	22.1
26	27.3	25.3	23.1	20.9	16.5	13.1	17.4	14.8	22.3	20.6	26.9	22.9
27	26.7	24.9	22.6	20.4	15.4	12.3	20.0	16.4	21.5	20.0	26.8	23.8
28	26.5	24.7	23.3	21.7	16.4	13.1	19.2	17.3	23.8	20.8	25.8	23.4
29	26.8	25.0	22.8	20.5	16.7	14.1	18.4	16.7	---	---	25.4	20.6
30	26.9	25.2	22.5	20.8	18.2	15.1	19.5	16.7	---	---	25.9	22.4
31	26.8	25.0	---	---	17.9	16.3	19.9	17.5	---	---	25.8	23.6
MONTH	---	---	27.7	20.4	23.8	12.3	21.9	12.3	23.8	14.2	26.9	14.5
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	26.2	24.3	26.0	24.1	29.6	27.2	31.3	28.0	33.6	31.1	32.1	29.7
2	25.9	22.4	27.5	24.2	28.3	26.3	31.0	28.9	33.9	31.6	31.7	29.6
3	23.3	19.8	27.6	24.5	27.7	26.6	32.7	29.1	33.5	31.3	31.4	29.1
4	24.7	20.4	26.0	24.3	28.2	26.1	32.7	30.0	33.7	31.0	30.6	28.8
5	25.5	21.4	25.4	23.8	28.5	26.0	33.8	30.7	33.4	28.9	30.2	27.8
6	25.6	22.7	26.1	23.5	29.2	26.1	33.9	31.4	33.8	29.8	30.4	27.5
7	24.3	23.2	26.4	23.0	31.7	27.4	34.8	31.5	33.3	30.1	30.8	28.6
8	25.8	22.4	26.9	23.7	31.8	27.6	33.3	30.0	33.1	29.9	30.5	28.5
9	25.7	22.6	27.3	24.2	29.9	27.5	31.2	27.1	33.0	30.2	30.9	28.2
10	26.1	22.5	27.4	25.0	27.7	25.8	28.3	26.7	34.0	29.4	31.4	28.3
11	25.8	21.7	27.4	24.9	28.0	25.7	30.6	26.7	33.5	30.2	31.8	27.7
12	25.5	23.4	27.2	24.8	29.2	27.4	33.3	28.7	34.6	29.7	32.0	27.9
13	25.9	23.6	26.8	24.1	30.0	27.9	33.3	29.2	34.8	29.6	32.1	27.9
14	25.3	23.3	26.4	24.0	31.4	28.5	30.9	28.4	34.5	30.8	31.7	28.9
15	23.8	20.8	27.6	25.2	32.0	29.4	30.9	28.1	34.5	31.6	31.4	28.6
16	23.5	19.3	28.7	26.0	32.8	29.3	31.8	28.5	34.6	32.0	30.9	28.5
17	23.6	18.4	29.1	26.0	33.1	30.2	32.3	29.1	33.3	30.5	31.1	28.8
18	24.1	20.2	29.3	26.9	33.3	29.9	32.5	31.0	33.6	30.1	30.5	28.9
19	24.5	22.1	28.8	26.1	33.4	29.5	31.9	30.2	34.4	31.4	30.0	28.7
20	24.2	22.0	29.1	25.8	31.3	28.6	31.8	29.1	34.4	31.1	29.0	27.8
21	25.2	22.0	30.0	26.7	29.4	27.4	32.3	28.9	33.5	30.8	28.0	27.0
22	25.6	22.8	30.0	27.2	29.0	26.3	33.1	30.0	34.0	30.6	27.7	27.1
23	25.7	22.8	29.7	27.2	28.7	26.2	33.2	30.1	33.4	30.6	28.3	27.0
24	24.5	22.1	28.9	26.8	28.9	25.4	33.0	29.8	33.8	30.1	29.8	27.1
25	23.8	20.0	28.9	27.0	30.8	25.9	31.5	29.6	32.8	30.5	30.3	27.2
26	23.9	21.0	28.7	26.6	32.3	27.5	32.9	29.5	30.5	26.8	31.2	27.5
27	25.2	22.2	29.4	26.8	30.4	28.6	33.2	29.9	29.8	28.2	31.2	27.9
28	25.6	21.7	30.2	27.8	30.8	27.9	32.0	30.2	30.5	28.1	31.3	28.2
29	25.3	22.4	30.8	28.3	29.4	27.5	33.7	30.9	31.7	28.8	31.1	28.3
30	26.1	23.5	30.6	28.5	30.0	27.2	33.4	31.2	32.2	30.0	30.9	28.8
31	---	---	30.6	27.8	---	---	33.2	31.0	32.8	30.3	---	---
MONTH	26.2	18.4	30.8	23.0	33.4	25.4	34.8	26.7	34.8	26.8	32.1	27.0

02299735 VENICE INLET AT CROW'S NEST MARINA AT VENICE, FL.

LOCATION.--Lat 27° 06'44", long 82° 27'56" (1988 North American datum), in SW$^{1}/_{4}$ sec.1, T.39 S., R.19 E., Sarasota County, Hydrologic Unit 03100201, at the end of a "V" shaped mooring dock at Crow's Nest Marina, on the south side of the Venice Inlet and Gulf of Mexico just prior to entering the city park for the jetty protecting the inlet.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--April 2004 to current year (tidal high-high and low-low only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Interruptions in record were due to days in which tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 2.25 ft, July 10, 2005; minimum, 3.77 ft below NGVD of 1929, Dec. 15, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 2.25 ft, July 10; minimum, 3.77 ft below NGVD of 1929, Dec. 15.

GAGE HEIGHT, FEET
PERIOD APRIL 2004 TO SEPTEMBER 2004

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW
1	---	---	0.61	-1.33	1.03	-1.74	1.17	-2.13	1.61	-1.84	0.46	-1.09
2	---	---	0.75	-1.02	1.07	-1.89	1.17	-2.29	1.11	-1.56	0.26	-1.18
3	---	---	0.76	-1.74	1.23	-2.31	1.21	-2.10	1.11	-1.24	0.41	-1.10
4	---	---	0.38	-2.31	1.20	-2.14	1.18	-1.96	0.69	-0.93	0.38	-1.24
5	---	---	0.54	-2.41	1.32	-1.98	1.04	-1.66	0.45	-0.71	0.11	-1.08
6	---	---	0.94	-2.24	1.07	-1.75	0.56	-1.57	0.58	-0.64	1.95	-0.05
7	---	---	0.89	-2.21	0.85	-1.51	0.36	-1.03	0.58	-0.67	1.05	-0.73
8	---	---	0.94	-1.92	0.60	-1.39	0.10	-0.78	0.69	-0.84	0.65	-1.09
9	---	---	0.95	-1.74	0.37	-0.29	0.13	-0.78	0.35	-1.19	0.21	-1.06
10	---	---	0.64	---	0.29	-1.02	0.31	-1.13	0.43	-1.31	0.51	-1.43
11	---	---	0.34	-1.47	0.34	-0.63	0.45	-1.15	0.61	-1.37	0.70	-1.25
12	---	---	0.40	-1.37	0.43	-1.03	0.37	-1.63	1.00	-1.21	0.94	-0.94
13	---	---	0.25	-1.12	0.55	-1.24	0.65	-1.49	1.17	-2.15	0.88	-0.89
14	---	---	0.19	-1.02	0.79	-1.34	0.62	-1.69	0.95	-1.58	1.26	-0.44
15	---	---	0.30	-1.24	0.82	-1.41	0.79	-1.76	0.86	-1.71	2.23	-0.10
16	---	---	0.15	-1.60	0.76	-1.74	0.80	-1.66	0.77	-1.48	1.11	-0.65
17	---	---	0.32	-1.55	0.82	-1.72	1.06	-1.59	0.71	-1.18	0.70	-0.76
18	---	---	0.46	-1.71	0.83	-1.85	1.10	-1.71	0.67	-1.04	0.72	-1.26
19	---	---	0.71	-1.52	0.84	-1.66	1.33	-1.38	0.50	-0.85	0.89	-1.50
20	---	---	0.77	-1.65	0.80	-1.71	0.91	-1.40	0.47	-0.67	0.72	-1.53
21	---	---	0.60	-1.67	0.81	-1.46	0.44	-1.39	0.63	-0.95	0.46	-1.99
22	---	---	0.82	-1.46	0.68	-1.61	0.19	-1.14	0.73	-1.02	0.96	-1.21
23	0.23	-1.88	0.70	-1.51	0.45	-1.18	0.11	-0.95	0.79	-1.19	0.88	-1.23
24	0.37	-1.74	0.52	-1.49	0.22	-0.46	0.33	-0.67	0.78	-1.48	0.85	-1.25
25	0.30	-1.60	0.33	-1.58	0.16	-1.04	0.53	-1.09	0.72	-1.73	1.06	-1.34
26	0.20	-1.41	0.15	---	0.20	-0.85	0.50	-1.42	0.92	-1.74	1.71	-0.70
27	0.01	---	-0.11	-1.30	0.48	-1.10	0.73	-1.71	1.00	-1.83	1.46	-0.33
28	0.11	-1.87	0.07	-1.21	0.57	-1.54	0.75	-1.99	0.99	-1.71	0.78	-0.69
29	-0.05	-1.64	0.15	-1.08	0.85	-1.95	0.99	-2.00	1.06	-1.57	0.68	-1.10
30	0.28	-1.55	0.65	-1.06	0.94	-2.01	1.34	-1.69	1.01	-1.30	0.40	-1.22
31	---	---	0.81	-1.49	---	---	1.40	-1.80	0.82	-1.10	---	---
MAX	---	---	0.95	---	1.32	-0.29	1.40	-0.67	1.61	-0.64	2.23	-0.05
MIN	---	---	-0.11	---	0.16	-2.31	0.10	-2.29	0.35	-2.15	0.11	-1.99

02299735 VENICE INLET AT CROW'S NEST MARINA AT VENICE, FL.---Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	OCTOBER HIGHHIGH	OCTOBER LOWLOW	NOVEMBER HIGHHIGH	NOVEMBER LOWLOW	DECEMBER HIGHHIGH	DECEMBER LOWLOW	JANUARY HIGHHIGH	JANUARY LOWLOW	FEBRUARY HIGHHIGH	FEBRUARY LOWLOW	MARCH HIGHHIGH	MARCH LOWLOW
1	1.09	-1.13	1.10	-0.95	0.80	-1.59	-0.11	-1.65	0.65	-0.81	-0.15	-1.67
2	0.79	-1.25	1.10	-0.77	0.46	-1.33	0.06	-1.25	0.57	-1.03	-0.11	-1.96
3	0.55	-1.27	0.91	-0.95	0.27	-1.46	0.01	-1.42	0.94	-1.48	0.08	---
4	0.67	-0.98	0.65	-0.88	0.20	-1.31	0.09	-1.14	0.29	-1.54	0.16	-2.33
5	0.49	-0.94	0.96	-1.28	-0.09	-1.43	0.36	-1.32	0.70	-2.31	0.04	-2.30
6	0.55	-0.95	-0.22	-1.40	0.11	-0.97	0.51	-1.76	1.30	-2.39	0.33	-2.40
7	0.29	-1.21	0.31	-0.98	0.49	-1.15	0.55	-2.00	1.48	-2.10	1.01	-2.24
8	0.51	-0.84	0.19	-1.01	0.33	-1.31	0.68	-2.37	1.61	-1.59	0.32	-1.45
9	0.87	-0.52	0.17	-1.08	0.83	-1.93	0.62	-2.83	1.60	-1.71	0.30	-2.24
10	0.93	-0.52	0.68	-1.51	1.03	-1.81	0.85	-2.79	0.32	-1.15	-0.36	-2.20
11	1.30	-0.53	1.36	-1.30	0.42	-2.18	1.17	-2.49	0.47	-1.94	0.56	-1.51
12	0.91	-0.48	1.70	-1.23	0.72	-3.05	-0.26	-2.11	0.12	-1.43	0.26	-1.75
13	0.82	-0.61	1.24	-1.57	0.75	-2.74	0.99	-1.41	0.80	-0.64	0.29	-1.62
14	1.16	-1.18	-0.39	-2.19	-0.43	-2.67	0.93	-1.75	0.59	-0.90	0.19	-2.04
15	0.90	-0.73	0.50	-2.44	---	-3.77	-0.41	-1.84	0.39	-0.35	0.23	-1.78
16	0.94	-1.54	0.81	-1.92	-0.39	-2.57	-0.68	-2.08	0.41	-1.24	0.73	---
17	0.89	-1.71	0.87	-1.62	-0.13	-1.76	-0.41	-1.81	0.51	-1.07	0.41	-1.43
18	1.00	-1.55	0.70	-1.16	-0.18	-1.34	-0.35	-2.09	0.07	-1.63	-0.30	-1.50
19	1.20	-1.31	0.61	-0.92	-0.08	-1.30	0.15	-2.29	0.11	-2.05	-0.29	-1.75
20	0.95	-1.35	0.63	-0.60	-0.44	-1.72	0.56	-2.07	0.37	-1.99	0.35	-1.77
21	0.62	-1.36	0.62	-0.49	0.10	-1.88	0.82	-1.43	0.39	-1.85	0.56	-1.48
22	0.40	-1.25	0.92	-0.70	0.72	-1.94	1.05	-1.60	0.39	-1.93	0.48	-1.28
23	0.64	-1.02	1.16	-0.77	0.57	-1.54	-0.19	-1.41	0.61	-1.86	0.58	-1.35
24	0.73	-0.66	1.76	-0.80	0.24	-1.98	0.36	-2.57	0.45	-1.47	-0.01	-1.36
25	0.71	-0.68	0.65	-0.56	0.05	-2.51	0.70	-2.14	0.16	-1.51	0.27	-1.33
26	0.73	-1.06	0.79	-1.86	1.69	-2.16	0.04	-1.48	0.48	-1.42	0.44	-1.28
27	0.86	-1.31	1.83	-1.60	-0.28	-2.89	0.84	-1.72	1.36	-1.02	0.75	-1.31
28	1.04	-1.29	0.54	-1.40	-1.00	-2.70	0.73	-1.54	0.59	-1.34	0.64	-1.82
29	1.07	-1.33	0.65	-1.82	0.09	-2.21	0.20	-1.49	---	---	0.33	-1.94
30	1.14	-1.25	---	-1.60	-0.39	-2.17	0.67	-0.61	---	---	0.45	-1.89
31	0.24	-1.15	---	---	0.32	-1.72	0.45	-0.96	---	---	0.80	-1.72
MAX	1.30	-0.48	---	-0.49	---	-0.97	1.17	-0.61	1.61	-0.35	1.01	---
MIN	0.24	-1.71	---	-2.44	---	-3.77	-0.68	-2.83	0.07	-2.39	-0.36	---

DAY	APRIL HIGHHIGH	APRIL LOWLOW	MAY HIGHHIGH	MAY LOWLOW	JUNE HIGHHIGH	JUNE LOWLOW	JULY HIGHHIGH	JULY LOWLOW	AUGUST HIGHHIGH	AUGUST LOWLOW	SEPTEMBER HIGHHIGH	SEPTEMBER LOWLOW
1	0.76	---	0.97	-1.73	0.59	-1.00	0.66	-1.24	0.70	-1.55	0.92	-1.38
2	0.31	-1.49	0.34	-1.30	0.80	-1.11	0.76	-1.39	0.79	-1.63	1.06	-1.11
3	-0.17	-2.54	0.36	-1.47	1.11	-1.14	0.86	-1.46	0.83	-1.70	0.92	-0.92
4	0.26	-2.32	0.72	-1.03	0.85	-1.40	0.83	-1.71	0.72	-1.76	0.78	-0.74
5	0.60	-1.84	0.99	-0.96	0.97	-1.71	1.00	-1.55	0.75	-1.68	0.65	-0.72
6	0.69	-1.45	0.31	-1.84	0.90	-1.65	1.20	-1.43	0.62	-1.93	0.58	-0.81
7	0.86	-1.05	0.38	-1.95	0.86	-1.77	1.07	-1.41	0.49	-1.77	0.61	-0.79
8	0.70	-1.37	0.94	-1.70	0.92	-1.61	1.08	-1.79	0.39	-1.26	0.73	-0.85
9	0.55	-1.78	0.97	-1.82	0.88	-1.75	1.56	-0.38	0.18	-1.08	0.72	-0.91
10	0.63	-1.85	1.00	-1.74	-0.04	-0.45	2.25	-0.27	0.24	-0.87	0.75	-0.97
11	0.92	-1.44	0.75	-1.82	1.16	-0.61	0.68	-0.98	0.32	-0.84	0.72	-1.15
12	1.08	-1.20	0.79	-1.52	0.39	-0.94	0.48	-0.79	0.57	-0.93	0.83	-1.12
13	0.80	-1.52	0.67	-1.46	0.42	---	0.27	-0.66	0.53	-1.17	1.31	-1.15
14	0.65	---	0.68	-1.13	0.39	-0.68	0.33	-0.58	0.70	-1.44	1.46	-1.09
15	-0.13	-1.65	0.43	---	0.23	-0.45	0.60	-0.78	0.85	-1.68	1.34	-1.21
16	-0.48	-2.13	0.17	-1.11	0.45	-0.60	0.86	-0.92	0.90	-1.71	1.54	-1.05
17	-0.12	-2.21	0.02	-1.11	0.65	-0.98	0.77	-1.35	1.10	-1.84	1.29	-0.86
18	-0.07	-1.91	0.15	-1.14	0.86	-1.28	1.10	-1.56	1.39	-1.75	1.21	-0.72
19	0.28	-1.51	0.37	-1.06	0.75	-1.75	1.26	-1.76	1.45	-1.52	0.91	-0.86
20	0.46	-1.35	0.63	-0.96	0.95	-1.93	1.33	-1.83	1.31	-1.37	0.57	-1.59
21	0.55	-0.87	0.92	-1.46	1.09	-1.94	1.40	-1.81	1.14	-1.04	-0.19	-1.18
22	0.68	-0.98	0.82	-1.81	1.25	-2.32	1.37	-1.77	0.82	-0.89	2.14	-0.58
23	0.83	-0.98	0.89	-2.06	1.30	-2.12	0.87	-1.75	0.73	-0.83	1.70	-0.71
24	0.53	-1.81	1.15	-2.03	1.05	-1.91	0.77	-1.53	0.77	-0.84	1.27	-0.70
25	0.77	-1.97	1.34	-2.01	1.08	-1.46	0.48	-0.91	0.65	-1.24	0.94	-0.74
26	1.27	-1.71	1.20	-1.96	0.80	-1.11	0.22	-0.73	-0.41	-2.15	0.83	-0.84
27	1.03	-2.06	1.07	-1.88	0.39	-1.09	0.36	-0.99	1.46	0.36	0.79	-0.78
28	0.50	-1.88	0.82	-1.59	0.36	-0.63	0.33	-1.20	1.58	-0.54	0.96	-0.65
29	0.81	-1.59	0.49	-1.26	0.53	-0.67	0.44	-1.30	1.30	-0.84	0.96	-0.77
30	1.16	---	0.60	---	0.60	-0.91	0.49	-1.55	1.14	-0.96	0.83	-0.63
31	---	---	1.01	-0.85	---	---	0.62	-1.51	0.91	-1.14	---	---
MAX	1.27	---	1.34	---	1.30	---	2.25	-0.27	1.58	0.36	2.14	-0.58
MIN	-0.48	---	0.02	---	-0.04	---	0.22	-1.83	-0.41	-2.15	-0.19	-1.59

02299735 VENICE INLET AT CROW'S NEST MARINA AT VENICE, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 2004 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors.

REMARKS.--Specific conductance and temperature records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 55,400 microsiemens, Sept. 3, 5, 2004; bottom sensor maximum, 54,700 microsiemens, June 29, 30, 2004; top sensor minimum, 4,240 microsiemens, June 13, 2005; bottom sensor minimum, 7,160 microsiemens, June 12, 2005.

TEMPERATURE.--Top sensor maximum, 33.8° C, Aug. 19, 2005; bottom sensor maximum, 34.2° C, July 5, 2005; top sensor minimum, 12.6° C, Dec. 27, 2004; bottom sensor minimum, 12.8° C, Dec. 27, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 54,500 microsiemens, Oct. 1; bottom sensor maximum, 54,600 microsiemens, Oct. 3; top sensor minimum, 4,240 microsiemens, June 13; bottom sensor minimum, 7,160 microsiemens, June 12.

TEMPERATURE.--Top sensor maximum, 33.8° C, Aug. 19; bottom sensor maximum, 34.2° C, July 5; top sensor minimum, 12.6° C, Dec. 27; bottom sensor minimum, 12.8° C, Dec. 27.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
PERIOD APRIL 2004 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	52,800	46,600	51,800	47,100	54,500	49,500	53,200	27,600	53,100	34,400
2	---	---	52,800	48,200	49,800	43,900	54,200	47,600	51,900	26,400	55,300	34,400
3	---	---	52,600	45,300	47,300	41,200	54,600	49,700	51,800	23,000	55,400	38,200
4	---	---	52,400	45,500	47,200	42,300	54,600	48,700	50,800	20,600	55,100	37,800
5	---	---	52,600	47,100	47,100	42,800	54,500	47,800	50,600	22,300	55,400	36,500
6	---	---	52,600	48,200	48,000	43,200	54,600	48,100	51,700	16,300	52,600	31,200
7	---	---	52,500	48,500	47,800	44,200	54,500	49,300	52,200	14,800	53,100	18,600
8	---	---	52,700	49,300	48,700	44,200	54,500	49,900	52,500	18,900	54,300	13,400
9	---	---	52,600	49,700	48,700	44,300	54,400	49,800	52,600	17,800	53,400	11,400
10	---	---	52,600	49,700	48,600	44,600	54,400	49,400	52,400	20,500	52,900	13,600
11	---	---	52,600	49,700	48,800	44,900	54,400	50,200	52,600	27,900	53,400	17,300
12	---	---	52,700	49,800	49,100	44,700	54,300	46,800	52,600	31,800	53,600	21,500
13	---	---	52,800	49,600	49,200	44,800	54,100	44,500	52,000	30,400	53,600	23,100
14	---	---	52,800	48,600	48,700	43,700	54,000	45,400	51,200	18,700	54,400	27,400
15	---	---	52,400	49,500	49,200	42,900	54,300	46,000	50,200	17,700	54,300	31,200
16	---	---	52,400	49,100	49,300	41,300	54,300	47,300	51,100	15,000	53,300	29,500
17	---	---	52,100	49,300	47,800	42,100	54,500	48,400	52,000	11,600	53,300	30,200
18	---	---	52,400	49,700	48,700	43,700	54,500	49,700	52,600	21,500	53,100	29,900
19	---	---	52,200	49,700	48,900	44,000	54,400	48,400	52,500	26,500	53,200	34,200
20	---	---	51,900	49,600	48,700	45,100	54,100	42,200	52,600	26,600	54,200	37,900
21	---	---	51,900	49,000	49,000	45,400	53,800	33,700	52,300	21,800	55,000	36,300
22	---	---	51,400	48,900	48,800	44,400	54,100	35,100	52,700	23,600	55,300	42,100
23	52,500	46,100	51,000	48,300	48,500	45,300	54,100	38,600	52,000	24,800	54,900	41,900
24	52,500	46,600	54,300	48,600	48,800	45,100	54,200	44,500	51,000	25,500	54,600	43,600
25	52,600	46,900	54,400	52,800	49,400	45,100	54,100	43,300	51,100	28,700	54,400	43,800
26	52,700	49,300	54,400	52,600	49,700	46,500	54,100	40,100	51,100	28,200	53,300	41,000
27	52,700	49,200	54,600	52,900	49,500	45,000	53,900	38,600	50,800	28,800	52,600	37,800
28	52,800	49,700	54,100	53,000	54,700	46,000	53,800	37,400	52,100	26,900	53,100	27,900
29	52,800	47,500	54,000	52,700	54,800	49,800	53,700	34,700	52,400	30,700	53,800	22,200
30	52,800	45,600	53,400	51,800	54,800	50,000	53,400	29,600	53,700	32,400	54,100	27,100
31	---	---	52,800	50,100	---	---	53,000	28,800	53,600	34,500	---	---
MONTH	---	---	54,600	45,300	54,800	41,200	54,600	28,800	53,700	11,600	55,400	11,400

02299735 VENICE INLET AT CROW'S NEST MARINA AT VENICE, FL—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
PERIOD APRIL 2004 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	54,500	52,500	54,000	49,300	53,700	30,000	51,400	36,200
2	---	---	---	---	54,400	51,500	53,600	47,300	52,500	38,000	54,000	35,800
3	---	---	---	---	54,400	52,100	53,500	49,000	52,300	32,600	54,200	42,000
4	---	---	---	---	54,300	52,300	53,600	47,900	51,300	33,100	54,000	42,100
5	---	---	---	---	---	---	53,800	46,800	52,100	36,400	54,000	35,700
6	---	---	---	---	---	---	54,200	48,300	52,800	34,500	52,600	35,000
7	---	---	---	---	---	---	54,400	50,400	53,100	30,400	52,700	30,500
8	---	---	---	---	54,300	52,800	54,600	50,800	53,000	29,900	52,800	18,700
9	---	---	---	---	54,300	52,700	54,200	49,500	53,100	32,400	52,600	23,300
10	---	---	---	---	54,300	53,000	54,300	49,900	53,300	33,800	52,100	21,000
11	---	---	---	---	54,400	53,200	54,400	50,200	53,300	36,300	52,000	29,000
12	---	---	---	---	54,500	52,600	54,100	47,300	53,300	37,600	52,100	29,600
13	---	---	---	---	54,300	52,600	54,400	47,000	52,900	30,600	52,100	23,600
14	---	---	---	---	54,100	50,300	54,400	45,500	51,700	27,000	52,600	36,500
15	---	---	---	---	53,600	49,900	54,600	47,000	51,100	24,700	52,200	32,200
16	---	---	---	---	53,300	48,500	54,400	46,500	52,000	20,800	51,700	35,000
17	---	---	---	---	53,600	48,900	54,200	47,700	52,300	23,700	51,300	39,400
18	---	---	---	---	53,500	49,600	54,200	48,400	52,400	35,100	51,300	35,500
19	---	---	---	---	53,000	50,100	53,800	47,500	52,000	37,500	51,300	37,400
20	---	---	---	---	53,400	49,800	53,400	43,000	52,200	40,500	52,600	37,800
21	---	---	---	---	---	---	53,000	40,300	51,900	31,900	53,300	39,800
22	---	---	---	---	---	---	53,400	43,400	52,100	36,000	53,300	43,700
23	---	---	---	---	---	---	53,700	42,400	51,700	33,800	53,200	42,900
24	---	---	---	---	---	---	54,100	49,600	50,300	32,200	53,200	44,800
25	---	---	53,900	52,500	---	---	54,100	45,400	50,300	30,700	53,200	44,700
26	---	---	54,000	52,500	---	---	53,800	43,700	50,200	31,300	52,900	41,000
27	---	---	54,100	52,900	---	---	52,900	42,100	50,100	33,000	51,800	41,200
28	---	---	54,100	53,100	---	---	53,900	38,200	51,700	31,900	52,400	39,500
29	---	---	54,200	53,400	54,700	49,400	54,000	38,200	51,700	32,300	52,000	33,400
30	---	---	54,300	53,400	54,700	49,600	53,700	37,100	52,400	39,000	52,400	36,600
31	---	---	54,400	52,700	---	---	53,500	29,900	52,100	40,000	---	---
MONTH	---	---	---	---	---	---	54,600	29,900	53,700	20,800	54,200	18,700

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
PERIOD APRIL 2004 TO SEPTEMBER 2004

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	27.0	24.7	32.1	29.7	32.0	29.6	30.3	29.4	33.4	30.1
2	---	---	28.0	25.6	32.2	29.8	31.5	30.6	29.6	28.6	31.9	29.6
3	---	---	27.2	25.6	32.0	29.7	31.6	30.3	29.7	28.5	31.3	29.4
4	---	---	27.0	24.9	31.4	29.9	31.6	30.3	29.8	28.5	30.8	28.7
5	---	---	26.2	23.6	31.2	29.9	32.2	30.2	29.9	28.2	29.3	26.6
6	---	---	26.1	23.1	31.4	30.0	32.2	30.8	30.6	28.7	28.2	26.2
7	---	---	26.2	24.2	31.3	30.0	32.0	30.6	30.6	29.3	28.4	26.7
8	---	---	26.3	24.5	30.8	29.8	32.3	30.1	30.1	29.1	29.9	28.1
9	---	---	26.3	24.8	30.8	29.8	32.7	30.8	31.2	28.9	29.5	28.2
10	---	---	25.8	24.6	31.0	29.8	33.4	30.7	32.1	29.4	30.4	28.2
11	---	---	25.7	24.5	31.9	30.1	33.4	31.0	32.3	29.7	30.4	28.7
12	---	---	26.1	24.8	32.4	30.4	32.7	30.6	32.2	30.6	29.8	28.5
13	---	---	26.8	25.0	32.7	30.7	33.4	31.2	31.2	28.4	29.5	28.4
14	---	---	27.1	25.1	32.1	30.4	33.2	31.4	29.7	28.2	29.2	28.3
15	---	---	27.2	25.2	32.2	30.2	32.3	31.3	30.6	28.7	28.9	27.8
16	---	---	27.1	25.5	31.5	30.2	31.7	31.0	31.2	28.8	29.7	27.7
17	---	---	27.3	25.3	31.6	29.6	31.0	29.9	31.6	28.3	30.5	28.1
18	---	---	27.7	25.6	31.5	29.9	30.8	29.8	32.1	29.3	30.6	28.9
19	---	---	27.3	25.5	32.1	30.3	30.2	28.9	32.4	29.5	29.8	28.7
20	---	---	27.9	25.7	32.0	30.7	29.5	28.1	32.3	29.9	28.9	27.3
21	---	---	27.9	26.1	32.1	30.6	30.9	28.1	32.1	29.6	28.6	26.7
22	---	---	28.3	26.4	32.2	30.7	30.8	28.8	32.4	29.5	28.8	26.6
23	25.4	22.3	28.4	26.7	32.4	30.6	31.1	29.0	31.8	29.8	28.9	26.7
24	25.5	22.7	28.6	26.9	32.3	30.6	31.1	29.4	31.6	30.0	28.8	27.1
25	25.8	23.4	28.8	27.1	32.0	30.3	31.4	29.4	32.0	30.2	28.3	27.1
26	26.8	24.0	29.1	27.2	32.5	30.8	31.7	30.2	32.3	30.9	27.1	25.6
27	26.9	24.5	29.5	27.9	32.3	30.5	32.4	30.1	32.3	31.0	27.4	25.3
28	25.1	24.0	30.0	28.3	32.1	30.5	31.9	30.3	32.3	30.8	29.0	26.6
29	25.2	23.5	30.7	28.5	31.6	30.5	31.7	30.0	32.4	30.6	29.0	27.0
30	25.9	23.8	31.4	28.9	31.3	30.3	31.2	30.1	32.7	30.9	28.9	27.2
31	---	---	31.8	29.4	---	---	31.0	29.8	33.1	30.6	---	---
MONTH	---	---	31.8	23.1	32.7	29.6	33.4	28.1	33.1	28.2	33.4	25.3

02299735 VENICE INLET AT CROW'S NEST MARINA AT VENICE, FL—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
PERIOD APRIL 2004 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	32.1	29.7	32.0	30.0	30.3	29.6	32.9	30.5
2	---	---	---	---	32.2	29.9	31.5	30.8	29.6	28.8	31.6	29.8
3	---	---	---	---	32.0	29.7	31.6	30.3	29.8	28.5	31.3	29.9
4	---	---	---	---	31.4	29.9	31.6	30.5	29.8	28.8	30.8	28.8
5	---	---	---	---	31.2	29.9	32.2	30.5	29.9	28.6	29.4	26.6
6	---	---	---	---	31.4	30.0	32.2	31.0	30.6	28.9	28.2	26.2
7	---	---	---	---	31.2	30.0	32.1	31.0	30.4	29.3	28.4	26.9
8	---	---	---	---	30.9	29.9	32.2	30.4	30.1	29.3	29.2	28.1
9	---	---	---	---	30.8	29.8	32.2	31.0	30.9	29.2	29.5	28.2
10	---	---	---	---	31.1	29.9	33.0	31.2	31.8	29.7	30.1	28.3
11	---	---	---	---	31.6	30.1	33.2	31.3	32.2	29.7	30.2	28.9
12	---	---	---	---	32.4	30.5	32.7	30.8	32.0	30.6	29.8	28.6
13	---	---	---	---	32.7	30.7	33.1	31.2	31.2	29.0	29.6	28.8
14	---	---	---	---	32.1	30.6	33.1	31.4	29.7	28.9	29.3	28.6
15	---	---	---	---	32.2	30.4	32.3	31.3	30.6	29.1	28.9	28.1
16	---	---	---	---	31.5	30.5	31.7	31.0	31.0	29.5	29.1	27.9
17	---	---	---	---	31.6	30.1	31.0	29.9	31.4	29.6	30.1	28.5
18	---	---	---	---	31.5	29.9	30.8	29.8	31.5	29.8	30.7	29.1
19	---	---	---	---	32.1	30.3	30.3	28.9	31.8	30.1	29.6	28.8
20	---	---	---	---	32.1	30.7	29.5	28.1	32.0	30.6	28.9	27.8
21	---	---	---	---	32.1	30.6	30.2	28.1	31.9	30.2	28.6	26.8
22	---	---	---	---	32.2	30.7	30.7	29.4	32.2	30.2	28.4	26.7
23	---	---	---	---	32.4	30.9	30.9	29.5	31.8	30.6	28.4	27.2
24	---	---	---	---	32.3	30.6	30.9	29.5	31.6	30.3	28.7	27.3
25	---	---	28.8	27.1	32.0	30.3	31.1	29.7	31.8	30.4	28.3	27.1
26	---	---	29.1	27.1	32.0	30.8	31.6	30.3	32.4	31.0	27.1	25.6
27	---	---	29.4	27.8	32.2	30.6	32.2	30.2	32.4	31.0	27.4	25.4
28	---	---	29.8	28.3	32.1	30.3	31.9	30.3	32.3	30.8	28.3	26.6
29	---	---	30.7	28.4	31.6	30.5	31.7	30.0	32.5	31.0	28.9	26.9
30	---	---	31.4	28.9	31.3	30.3	31.3	30.1	32.6	30.8	29.0	27.2
31	---	---	31.8	29.4	---	---	30.8	29.9	32.7	31.2	---	---
MONTH	---	---	---	---	32.7	29.7	33.2	28.1	32.7	28.5	32.9	25.4

02299735 VENICE INLET AT CROW'S NEST MARINA AT VENICE, FL—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	54,500	32,600	53,400	47,800	49,700	45,200	51,000	43,200	52,200	46,800	52,300	20,700
2	54,400	31,700	53,800	48,500	50,100	46,000	51,400	44,300	52,500	47,200	52,000	21,900
3	54,500	34,100	53,600	46,200	50,400	46,200	52,800	44,600	52,400	46,600	51,800	32,600
4	54,000	35,500	53,800	48,800	50,500	47,500	53,000	47,500	52,300	46,600	52,000	33,000
5	53,900	33,100	53,000	46,500	50,400	47,700	52,800	47,400	52,300	47,300	52,100	34,300
6	52,700	35,400	53,500	47,800	50,500	47,900	52,800	47,100	52,300	48,500	52,200	37,500
7	53,200	39,000	53,100	49,800	50,200	47,800	52,900	44,500	52,200	49,500	52,400	37,300
8	53,000	42,900	53,000	49,100	49,800	46,900	52,800	43,500	52,200	49,800	52,200	42,700
9	53,000	45,300	53,400	49,500	50,200	44,400	52,800	44,600	52,200	49,900	52,100	40,800
10	52,700	45,500	53,600	48,900	50,100	43,000	53,000	47,000	52,900	49,900	52,100	38,800
11	52,900	42,000	53,900	50,600	49,500	43,300	53,300	48,200	52,900	48,400	52,500	42,700
12	52,700	40,400	53,400	51,100	49,400	38,400	53,100	48,700	52,600	50,700	52,400	42,100
13	52,300	42,300	53,800	49,300	49,700	45,200	52,900	48,400	52,500	51,300	52,400	41,200
14	52,300	39,400	54,000	48,600	49,700	46,200	52,800	33,100	52,500	50,300	52,700	36,800
15	52,200	43,200	53,800	49,000	---	---	52,600	37,900	52,500	49,500	52,800	40,200
16	52,300	38,300	54,400	50,300	50,200	48,400	53,100	40,500	52,500	48,600	52,800	41,400
17	52,300	42,000	53,200	49,800	50,100	47,000	53,000	38,900	52,400	49,400	52,200	21,100
18	52,200	42,300	51,800	50,200	49,800	45,600	52,900	40,800	52,700	48,100	46,200	8,630
19	52,100	43,800	51,900	49,000	49,500	43,600	52,700	42,800	53,100	48,600	51,900	8,630
20	52,400	43,900	51,900	50,100	50,000	45,600	52,400	45,000	53,400	50,100	52,400	11,400
21	52,600	43,600	51,500	49,100	49,900	46,800	52,200	46,100	52,800	50,500	53,000	19,400
22	52,500	45,600	51,700	49,400	49,700	44,500	52,400	44,700	52,900	48,800	52,800	27,000
23	52,400	46,900	52,000	48,600	49,900	47,100	52,300	44,500	53,000	49,300	52,900	27,500
24	53,000	47,600	51,200	48,500	50,600	44,500	51,500	37,100	53,000	50,400	52,500	26,800
25	52,600	48,000	50,000	45,000	50,200	43,900	51,300	45,400	53,100	50,000	52,100	34,700
26	52,600	47,200	50,800	44,700	49,200	36,500	51,400	45,900	53,000	49,700	52,200	36,500
27	52,700	46,900	50,100	47,000	48,900	11,400	51,400	44,800	53,100	44,300	52,200	33,300
28	53,200	47,000	50,100	43,100	48,500	33,500	51,800	45,200	52,800	31,000	51,800	33,100
29	52,800	47,400	50,300	44,500	50,200	39,700	51,900	46,200	---	---	52,000	34,700
30	52,800	48,400	50,700	46,200	50,700	39,500	51,800	48,500	---	---	53,100	36,800
31	53,500	48,700	---	---	50,300	42,700	51,900	46,500	---	---	52,200	37,000
MONTH	54,500	31,700	54,400	43,100	---	---	53,300	33,100	53,400	31,000	53,100	8,630
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	52,000	36,500	52,800	43,900	50,500	32,300	46,800	10,200	50,300	35,900	50,100	41,600
2	51,400	37,900	52,600	43,700	50,100	27,000	46,900	14,400	50,000	32,800	51,100	44,000
3	51,600	37,800	52,600	45,400	49,900	28,000	46,400	17,700	50,500	32,900	51,700	45,300
4	51,800	37,600	52,200	47,200	49,400	26,500	47,100	21,300	51,200	37,000	52,200	47,300
5	51,900	41,600	51,700	44,400	49,100	16,100	48,100	24,500	51,700	38,400	52,500	47,800
6	51,900	43,600	51,300	41,700	48,000	17,000	48,300	29,300	51,300	40,200	52,500	48,800
7	51,900	43,700	51,800	44,500	50,000	21,000	49,000	28,400	51,300	41,700	52,700	49,300
8	51,700	38,800	51,900	46,400	49,700	27,100	50,100	34,300	51,300	39,500	53,200	49,400
9	51,800	39,800	51,500	45,300	49,700	26,400	49,000	26,200	51,700	41,000	53,300	48,100
10	52,700	43,300	51,700	44,900	50,000	24,200	47,900	12,500	51,000	41,100	53,100	47,900
11	52,700	44,600	51,600	44,800	47,000	7,140	46,700	11,000	51,100	42,100	53,100	48,500
12	52,500	44,800	51,200	45,300	48,900	5,170	45,600	16,000	50,700	43,100	53,100	49,400
13	52,200	43,300	51,300	45,800	46,900	4,240	47,500	23,000	50,100	42,300	52,700	48,700
14	52,500	43,700	51,000	46,400	47,300	5,190	48,200	22,300	50,200	41,600	52,500	49,500
15	52,100	41,700	50,900	47,300	47,200	5,930	46,900	16,100	50,300	41,500	52,800	49,700
16	52,300	44,100	51,000	46,900	49,000	12,300	47,100	20,000	50,500	42,100	53,000	50,400
17	52,500	44,400	51,200	47,300	49,500	18,500	46,100	20,600	50,600	41,800	53,000	51,000
18	52,500	47,500	51,200	47,500	50,200	23,500	46,600	25,000	50,500	41,900	53,100	51,600
19	52,700	48,700	51,700	47,600	50,900	27,500	46,500	26,500	50,400	43,400	53,300	51,500
20	53,000	50,000	51,500	48,500	51,400	31,700	49,300	27,800	50,000	43,100	53,500	50,600
21	53,000	50,100	51,700	48,900	50,700	22,100	48,300	29,600	50,200	45,300	53,400	52,000
22	53,300	48,300	51,500	48,500	50,500	24,100	47,300	28,900	49,900	45,700	53,400	51,500
23	53,600	50,600	51,900	49,000	50,400	28,200	49,000	31,000	49,700	45,100	53,500	50,800
24	53,400	46,800	51,700	48,400	50,100	27,000	50,000	32,400	49,700	43,000	53,700	49,900
25	53,400	48,400	52,200	49,000	50,300	28,000	51,000	37,100	51,400	41,000	53,700	50,100
26	53,200	48,700	52,200	49,500	50,400	32,800	50,400	38,200	51,900	40,000	53,700	51,200
27	53,000	44,600	52,200	49,300	50,300	29,000	50,300	31,000	51,900	50,200	53,400	51,200
28	52,800	45,700	52,000	49,500	48,900	27,100	51,000	27,900	51,700	41,600	53,200	50,900
29	52,800	45,700	51,900	49,500	48,200	15,100	51,400	30,800	51,300	37,100	52,900	50,700
30	53,300	45,300	51,800	49,900	47,500	13,900	51,100	33,100	49,900	38,600	52,700	50,700
31	---	---	51,500	48,000	---	---	51,100	36,500	49,100	40,000	---	---
MONTH	53,600	36,500	52,800	41,700	51,400	4,240	51,400	10,200	51,900	32,800	53,700	41,600

02299735 VENICE INLET AT CROW'S NEST MARINA AT VENICE, FL—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	53,900	39,000	52,800	44,800	52,000	44,800	51,100	45,200	50,900	46,700	50,900	35,200
2	54,000	41,000	51,500	46,000	52,400	46,600	51,700	45,600	51,000	46,800	50,700	35,000
3	54,600	39,100	51,400	46,300	52,300	45,000	51,800	43,000	51,100	46,000	50,900	37,400
4	54,500	44,300	51,800	46,000	52,400	47,800	52,100	48,500	51,100	44,300	51,200	38,700
5	54,400	42,900	51,900	45,800	52,700	47,200	51,900	47,700	51,100	46,500	50,800	37,800
6	52,900	41,600	52,500	46,000	52,400	48,200	51,900	46,400	51,100	46,700	50,900	39,500
7	53,200	38,300	52,300	48,000	52,300	47,600	52,000	44,700	51,000	48,400	51,100	41,300
8	53,300	42,600	51,600	47,000	52,400	46,800	51,900	42,500	51,100	47,600	51,100	42,800
9	53,300	45,400	51,900	48,100	52,500	47,700	51,900	42,400	51,100	48,200	50,900	40,400
10	53,200	46,200	51,400	47,500	52,500	47,000	52,400	43,900	51,300	48,200	50,800	40,700
11	53,200	43,800	52,100	47,500	52,400	44,000	52,600	45,300	51,300	48,200	50,700	44,000
12	53,400	43,100	52,300	48,100	51,900	43,400	52,300	46,300	51,000	49,000	50,800	42,500
13	53,500	43,600	52,700	48,100	51,900	48,400	52,200	46,400	50,900	49,800	50,800	43,300
14	53,400	40,700	52,500	48,000	51,900	46,700	52,200	38,800	50,900	48,700	51,200	38,700
15	53,300	44,600	52,300	47,600	52,000	44,400	52,100	37,700	50,800	48,000	51,500	42,800
16	53,400	40,200	52,400	48,800	52,000	48,400	52,100	42,400	50,800	47,800	51,600	40,500
17	53,300	40,900	52,800	49,300	51,700	49,600	52,100	45,500	50,800	48,200	51,200	29,200
18	53,600	43,500	52,000	49,700	51,700	49,800	52,000	45,200	51,100	47,200	49,400	27,500
19	53,700	44,500	52,000	48,400	51,500	48,900	51,900	43,900	51,600	47,200	50,100	25,300
20	53,700	44,800	52,000	49,600	51,700	47,600	51,500	43,900	51,800	48,500	51,300	27,000
21	53,700	45,700	52,000	50,100	52,000	48,500	51,400	45,200	51,400	48,800	51,600	25,300
22	53,700	48,200	52,000	48,300	52,000	47,700	51,700	43,200	51,400	47,300	51,800	33,100
23	53,900	49,400	52,000	49,400	51,700	47,900	51,500	43,500	51,500	47,900	51,500	30,400
24	53,800	49,300	52,100	49,200	51,800	46,900	50,900	40,200	51,500	49,000	51,200	29,500
25	53,900	50,000	51,600	46,500	51,700	46,400	50,900	43,800	51,600	48,700	51,000	39,400
26	53,700	47,600	52,000	44,900	51,500	39,300	50,800	43,000	51,600	48,500	50,700	39,800
27	53,800	46,600	52,000	47,400	49,200	36,600	50,300	43,000	51,700	41,700	50,700	33,900
28	53,800	47,300	51,900	45,200	48,800	40,000	51,300	40,900	51,500	33,300	50,700	33,900
29	53,800	45,900	52,100	45,400	50,000	43,000	50,700	44,100	---	---	50,700	37,300
30	53,000	47,500	52,100	46,500	51,000	42,500	50,500	47,400	---	---	51,400	38,600
31	52,300	47,600	---	---	51,300	44,700	50,500	45,800	---	---	51,400	38,200
MONTH	54,600	38,300	52,800	44,800	52,700	36,600	52,600	37,700	51,800	33,300	51,800	25,300
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	51,600	40,200	50,700	42,100	50,600	35,300	45,500	16,500	46,600	34,500	50,800	42,900
2	50,500	39,000	50,600	42,300	49,800	25,900	45,700	15,600	46,200	34,200	51,600	45,700
3	50,900	41,000	53,100	44,700	49,800	29,900	45,200	23,000	47,200	35,600	52,100	47,200
4	51,800	39,800	52,000	46,900	49,900	28,100	45,800	26,100	47,900	36,500	52,200	48,100
5	51,400	44,300	51,400	43,800	49,700	26,600	45,900	28,300	48,600	38,000	52,700	48,400
6	51,000	44,900	51,400	42,700	49,600	22,200	45,600	30,700	48,200	38,500	52,800	49,700
7	50,900	43,500	51,600	44,900	49,400	26,300	46,000	33,300	48,200	37,900	52,900	49,900
8	51,000	41,200	51,500	46,300	50,100	31,900	47,000	32,100	48,300	38,400	53,500	49,400
9	50,700	42,200	51,300	45,000	49,500	30,800	46,000	27,300	50,400	41,900	53,700	48,600
10	51,900	43,500	51,100	45,400	50,000	26,400	44,900	13,100	50,600	45,100	53,900	48,700
11	52,500	45,100	51,000	45,400	49,400	11,200	44,000	17,400	50,700	44,900	54,000	49,600
12	52,100	46,300	51,100	46,400	48,400	7,160	43,500	27,400	50,500	44,300	53,900	50,300
13	52,400	44,300	50,600	45,900	46,800	14,400	44,600	30,200	50,200	43,400	53,600	49,800
14	51,500	46,000	50,700	46,100	46,600	21,300	45,300	30,900	50,200	42,400	53,500	50,500
15	50,700	44,200	50,500	47,000	46,600	22,800	44,500	29,100	50,200	41,600	53,800	50,800
16	51,200	44,100	50,500	47,000	47,700	26,000	44,300	29,400	50,700	43,400	54,000	51,500
17	51,100	44,800	50,500	47,300	48,100	29,700	44,100	23,600	50,700	42,300	54,100	52,100
18	51,300	46,200	50,700	47,400	48,500	25,200	43,700	28,000	50,500	42,300	53,900	52,400
19	51,400	46,700	50,500	46,300	49,100	30,900	43,400	26,800	50,400	44,200	53,700	51,700
20	51,600	47,300	50,800	47,000	49,600	32,100	46,200	28,800	50,000	43,600	53,800	51,100
21	51,800	48,200	50,300	47,000	48,800	23,600	45,400	28,400	50,400	45,800	53,800	52,300
22	52,200	48,800	50,800	47,900	48,900	26,000	45,100	28,700	50,000	46,100	53,700	52,000
23	52,400	48,500	50,700	48,300	48,500	31,500	46,000	32,500	50,000	45,500	53,900	51,200
24	52,600	46,100	50,900	48,100	48,600	32,100	46,800	33,500	50,400	44,300	54,000	50,300
25	52,500	47,800	51,300	48,300	48,800	35,900	48,300	37,400	52,600	44,000	54,000	50,600
26	52,500	48,200	51,300	48,900	48,600	36,800	48,200	38,800	52,500	41,400	54,100	51,500
27	52,600	43,000	51,300	48,600	48,500	33,600	47,800	35,300	52,500	49,600	53,800	51,600
28	50,900	45,500	51,300	49,000	47,600	35,900	48,200	33,500	52,300	42,700	53,600	51,300
29	50,600	44,700	51,200	48,900	46,800	33,400	48,400	36,700	52,100	38,100	53,300	51,300
30	50,600	43,400	51,300	48,800	46,100	22,800	47,600	34,600	50,700	39,300	53,200	51,300
31	---	---	51,300	46,600	---	---	47,600	35,900	49,800	41,700	---	---
MONTH	52,600	39,000	53,100	42,100	50,600	7,160	48,400	13,100	52,600	34,200	54,100	42,900
YEAR	54,600	7,160										

02299735 VENICE INLET AT CROW'S NEST MARINA AT VENICE, FL—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.0	27.2	25.9	25.2	22.7	21.8	17.4	16.1	18.1	16.0	21.4	19.6
2	29.1	27.6	26.3	25.4	22.8	22.3	17.8	16.5	18.3	16.6	20.7	18.6
3	28.5	27.2	26.7	25.6	22.4	21.5	18.0	16.7	18.5	16.8	19.2	16.3
4	28.3	27.2	26.9	25.5	21.8	20.5	18.2	16.5	19.0	16.6	18.4	16.3
5	29.0	27.3	26.5	24.9	21.1	19.7	18.7	17.1	17.2	15.9	18.6	17.0
6	29.2	27.2	25.0	22.9	21.7	20.7	19.6	18.0	17.1	16.3	19.0	17.9
7	28.3	26.1	24.7	23.2	22.1	21.3	20.2	19.0	17.5	16.5	19.5	18.2
8	27.7	25.4	24.2	23.0	22.8	21.7	20.9	19.4	17.8	16.6	20.4	18.4
9	27.8	26.1	24.1	22.5	23.5	22.3	21.0	19.4	18.2	16.6	19.0	17.6
10	27.5	26.2	23.8	22.5	23.3	22.6	20.8	18.3	19.1	17.5	19.5	16.8
11	27.0	26.0	23.9	22.7	22.7	20.4	20.2	17.8	17.5	16.3	19.9	18.0
12	27.9	25.4	24.1	23.0	20.7	18.6	19.8	18.8	16.9	15.6	20.4	18.4
13	28.1	26.2	24.4	23.4	20.6	18.4	21.3	19.7	17.0	15.6	21.0	18.7
14	28.0	26.1	23.9	23.3	20.4	18.6	21.8	20.2	18.1	16.1	21.9	19.3
15	26.8	25.5	23.3	22.3	18.7	14.3	20.2	19.1	19.4	16.9	21.6	19.8
16	26.2	24.3	22.9	22.0	17.6	14.8	19.3	17.8	19.4	17.1	23.1	20.3
17	25.7	24.0	22.8	21.8	17.2	16.5	18.3	15.6	19.5	17.6	23.1	20.5
18	26.3	24.5	22.6	21.6	17.2	16.7	17.2	14.7	19.6	17.2	22.1	20.0
19	26.7	25.5	22.8	21.8	17.2	16.6	16.9	15.0	18.4	16.7	21.5	19.4
20	28.1	26.1	23.3	22.1	16.6	15.2	16.3	14.8	18.1	16.8	21.5	18.8
21	28.4	26.3	23.5	22.4	16.7	14.7	17.3	15.9	19.7	17.9	21.7	19.5
22	27.9	25.8	23.8	22.7	17.0	15.6	18.1	16.9	20.3	18.5	24.2	20.4
23	27.2	25.6	24.0	23.0	17.5	16.7	18.1	14.9	20.5	18.9	23.1	21.3
24	26.7	25.3	24.3	23.3	17.8	16.7	16.0	13.6	21.5	19.4	23.8	21.1
25	27.2	25.7	24.3	22.7	16.8	16.3	16.1	14.0	21.2	20.1	24.7	21.8
26	27.0	25.6	22.8	21.4	16.7	14.3	16.6	15.3	21.5	20.2	25.6	22.5
27	26.5	25.2	22.4	20.9	15.3	12.6	17.8	16.2	21.5	19.9	26.3	22.9
28	26.3	25.0	22.6	21.8	15.2	13.4	17.8	15.8	22.2	19.7	25.0	22.8
29	26.1	25.0	22.2	21.2	15.5	14.5	17.4	15.8	---	---	24.1	21.2
30	26.1	25.2	22.2	21.3	16.3	15.1	18.6	16.5	---	---	24.5	20.9
31	26.0	25.3	---	---	17.1	15.8	18.2	16.7	---	---	25.1	23.1
MONTH	29.2	24.0	26.9	20.9	23.5	12.6	21.8	13.6	22.2	15.6	26.3	16.3
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.7	23.9	26.1	23.9	29.1	27.7	31.3	29.2	33.0	30.8	31.0	29.6
2	25.8	22.8	25.8	24.0	28.0	26.6	30.9	29.4	33.3	31.2	30.8	29.4
3	22.9	21.1	26.3	24.0	27.7	27.0	31.8	29.4	32.9	30.9	30.8	29.2
4	23.5	20.9	25.6	24.1	28.1	26.8	32.3	30.0	33.0	30.5	30.3	29.1
5	24.2	21.9	25.2	23.9	28.5	26.9	32.9	30.6	32.3	30.1	29.8	28.3
6	24.4	22.6	25.7	24.1	29.6	27.1	33.2	31.2	32.5	30.0	30.2	28.2
7	24.2	23.0	25.7	23.2	30.4	27.4	33.5	31.3	32.2	30.8	30.0	28.6
8	25.1	22.8	26.0	23.2	30.3	27.3	32.5	30.2	32.4	29.9	29.6	28.7
9	24.9	22.8	26.4	23.8	29.2	27.6	30.5	28.1	32.2	30.4	29.6	28.1
10	24.7	22.1	26.5	24.6	27.8	26.5	28.6	27.1	32.7	30.7	29.7	28.4
11	24.5	21.7	26.7	24.8	28.5	26.2	30.4	27.6	32.5	31.3	30.4	28.3
12	24.9	22.6	26.4	24.4	29.3	27.7	31.3	28.6	32.6	31.3	30.5	28.3
13	25.1	23.5	26.4	25.0	30.1	27.8	31.3	28.8	33.1	30.6	31.0	29.1
14	24.7	23.0	25.9	24.3	31.0	28.1	31.4	29.0	33.4	31.1	30.5	28.8
15	23.8	22.4	26.9	25.1	31.5	28.5	31.6	29.4	33.7	31.1	30.4	28.6
16	23.1	21.8	27.6	25.8	31.8	28.3	31.8	29.9	33.7	31.3	30.1	28.5
17	22.6	20.6	27.5	25.6	31.8	28.7	32.1	30.5	33.4	31.8	30.1	28.5
18	22.9	21.0	28.5	25.9	31.8	28.7	32.1	30.8	33.5	32.0	30.0	28.6
19	23.6	21.6	28.0	25.6	31.9	28.0	31.4	30.7	33.8	31.7	29.6	28.4
20	23.3	21.8	28.0	25.5	30.5	28.1	31.8	29.7	33.7	31.9	28.4	28.0
21	24.2	22.0	29.1	26.4	29.2	28.2	32.3	30.0	33.1	31.8	28.0	27.2
22	24.6	22.3	29.2	26.8	28.2	27.4	32.5	30.5	33.3	31.3	27.7	27.3
23	24.6	22.3	29.2	27.0	28.7	27.2	32.2	30.1	33.1	31.8	27.9	27.1
24	23.8	21.7	28.4	27.2	28.9	27.4	31.3	29.5	32.7	30.7	28.7	27.3
25	23.0	20.9	28.6	27.0	29.8	27.7	30.7	29.2	32.4	30.5	29.3	27.2
26	23.9	21.6	28.3	27.0	30.4	28.1	31.4	29.2	30.9	28.9	29.8	27.5
27	24.4	22.5	28.9	27.3	30.0	28.3	31.9	30.2	29.7	28.9	30.1	28.1
28	24.4	22.0	29.5	28.0	29.7	28.3	31.8	30.0	29.9	28.3	30.5	28.7
29	24.8	22.2	29.9	28.1	29.5	28.3	32.9	29.9	30.7	29.1	30.4	28.8
30	26.1	23.4	29.9	27.7	30.2	27.7	33.0	30.5	31.4	29.3	30.3	29.1
31	---	---	29.8	28.1	---	---	32.7	30.3	31.9	29.4	---	---
MONTH	26.1	20.6	29.9	23.2	31.9	26.2	33.5	27.1	33.8	28.3	31.0	27.1
YEAR	33.8	12.6										

02299735 VENICE INLET AT CROW'S NEST MARINA AT VENICE, FL—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.0	27.1	25.9	25.2	22.9	22.1	17.3	16.1	18.3	16.4	21.4	19.7
2	28.7	27.3	26.3	25.4	22.9	22.4	17.6	16.5	18.5	16.7	20.6	18.7
3	28.3	27.3	26.5	25.6	22.5	21.7	18.7	16.7	18.7	17.0	19.3	16.5
4	28.2	27.3	26.9	25.8	22.0	20.6	18.2	16.5	19.4	16.8	18.4	16.4
5	30.1	27.8	26.5	25.0	21.4	19.7	18.6	17.0	17.4	16.2	18.6	17.3
6	30.0	28.4	25.1	23.0	21.8	20.8	19.6	17.9	17.2	16.5	18.9	17.8
7	29.0	27.6	24.7	23.4	22.2	21.4	20.2	18.9	17.6	16.7	19.4	18.1
8	27.9	26.4	24.1	22.9	22.8	21.7	20.9	19.3	18.0	16.8	20.2	18.6
9	27.9	26.5	24.1	22.5	23.3	22.2	20.9	19.3	18.5	16.8	18.9	17.7
10	27.6	26.9	24.0	22.6	23.3	22.5	20.7	18.2	19.3	17.8	19.4	17.0
11	27.1	26.2	24.1	23.0	22.8	20.4	20.1	17.7	17.8	16.5	20.4	17.9
12	27.7	25.7	24.1	23.0	20.7	18.6	19.7	18.7	17.2	15.8	20.2	18.4
13	28.0	26.4	24.4	23.4	20.6	18.4	21.3	19.7	17.3	15.8	20.8	18.5
14	27.7	26.2	23.8	23.3	20.6	18.6	21.9	20.0	18.3	16.3	21.8	19.2
15	26.9	25.5	23.3	22.2	18.7	14.8	20.1	19.3	19.5	17.2	21.3	19.7
16	26.2	24.3	23.0	22.0	17.7	14.9	19.3	18.2	19.5	17.2	23.0	20.2
17	25.7	24.2	23.2	21.8	17.5	16.7	18.4	17.0	19.6	17.7	22.9	20.4
18	26.3	24.6	22.8	21.9	17.4	16.8	17.2	15.8	19.9	17.3	22.0	19.8
19	26.8	25.6	23.1	22.0	17.3	16.7	16.9	15.0	18.6	16.9	21.2	19.4
20	27.7	26.2	23.5	22.4	16.7	15.3	16.4	14.8	18.3	16.9	20.6	19.3
21	28.4	26.6	23.7	22.7	16.8	14.9	17.3	15.9	19.7	17.9	20.6	19.5
22	27.8	25.9	24.0	22.9	17.0	15.7	18.1	16.9	20.3	18.6	23.0	20.3
23	27.0	25.6	24.1	23.2	17.5	16.7	18.1	16.0	20.6	19.0	23.0	21.2
24	26.8	25.5	24.5	23.5	17.8	16.8	16.1	13.8	21.6	19.5	22.8	21.0
25	27.3	25.8	24.5	22.9	16.9	16.3	16.2	14.0	21.2	20.2	24.4	21.7
26	27.1	25.7	23.0	21.7	16.7	15.1	16.7	15.4	21.5	20.1	25.5	22.4
27	26.6	25.4	22.6	21.1	15.3	12.8	17.8	16.3	21.4	19.9	26.3	22.9
28	26.0	25.0	22.8	22.0	15.1	13.4	18.0	16.0	21.9	19.7	24.9	22.7
29	26.1	25.1	22.4	21.4	15.5	14.7	17.3	15.9	---	---	24.1	21.7
30	26.1	25.3	22.4	21.5	16.2	15.1	18.4	16.5	---	---	24.4	22.0
31	25.8	25.4	---	---	16.8	15.9	18.2	16.8	---	---	25.1	22.8
MONTH	30.1	24.2	26.9	21.1	23.3	12.8	21.9	13.8	21.9	15.8	26.3	16.4
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.7	23.9	26.2	24.0	29.2	27.9	31.9	29.8	33.1	31.1	31.2	29.7
2	25.8	23.0	25.8	24.1	28.1	27.1	31.5	29.9	33.6	31.5	30.9	29.6
3	23.0	21.6	25.7	24.0	27.9	27.2	32.2	29.9	33.1	31.2	30.9	29.7
4	22.7	21.2	25.6	24.3	28.1	26.9	32.7	30.4	33.3	30.9	30.4	29.4
5	23.8	21.9	25.3	24.0	28.6	27.0	34.2	31.1	32.5	30.6	30.0	28.6
6	24.3	22.6	25.7	24.2	29.5	27.3	33.9	31.7	32.7	30.9	30.3	28.3
7	24.2	22.9	25.7	23.7	30.3	27.5	33.6	31.6	32.4	31.4	30.1	28.7
8	25.0	22.8	26.0	23.8	29.9	27.5	33.0	30.8	32.7	30.4	29.7	28.9
9	24.9	22.8	26.4	24.3	29.0	27.6	30.9	28.9	32.2	30.9	29.7	28.3
10	24.6	22.4	26.6	24.8	27.7	26.6	29.2	27.7	32.6	31.0	29.9	28.5
11	24.6	22.2	26.7	25.0	28.5	26.6	30.1	28.1	32.7	31.6	30.3	28.4
12	24.9	23.1	26.4	24.4	29.1	28.0	31.2	28.9	32.6	31.5	30.6	28.4
13	25.1	23.5	26.4	24.9	29.6	28.0	31.7	29.1	32.9	30.7	31.0	29.2
14	24.9	23.0	25.9	24.4	30.2	28.2	31.9	29.2	33.5	31.5	30.7	28.9
15	23.9	22.4	26.8	25.2	31.3	28.5	32.0	30.4	33.9	31.2	30.5	28.7
16	23.1	22.0	27.6	25.7	31.7	28.5	32.3	30.8	33.8	31.5	30.2	28.7
17	22.7	21.2	27.5	25.6	31.6	28.7	32.6	30.8	33.6	31.9	30.2	28.7
18	22.8	21.4	28.3	25.8	32.0	28.6	32.6	30.7	33.6	32.4	30.1	28.8
19	23.4	21.7	27.9	25.6	32.1	28.2	31.9	31.2	33.9	32.5	29.7	28.5
20	23.3	21.8	28.0	25.5	30.7	28.4	32.1	30.1	33.8	32.4	28.6	28.1
21	24.2	22.1	29.0	26.4	29.5	28.5	32.5	30.3	33.3	32.0	28.1	27.4
22	24.6	22.4	29.1	26.8	28.6	27.9	32.8	30.4	33.4	31.5	27.9	27.5
23	24.5	22.2	29.2	27.0	29.1	28.0	32.5	30.4	33.2	31.9	28.0	27.2
24	23.8	21.8	28.4	27.2	29.2	28.3	31.6	29.8	32.9	31.1	28.7	27.4
25	23.1	20.9	28.7	26.9	30.0	28.3	31.0	29.7	32.6	30.9	29.4	27.4
26	24.0	21.8	28.3	27.0	30.4	28.6	31.3	30.0	30.9	29.1	29.9	27.8
27	24.5	22.5	28.9	27.3	30.3	29.2	32.1	30.7	29.8	29.1	30.3	28.2
28	24.4	22.6	29.5	28.0	30.1	28.9	32.1	30.2	30.1	28.5	30.6	29.1
29	24.8	22.3	29.9	28.1	30.0	29.5	32.7	30.2	30.8	29.3	30.6	29.1
30	26.2	23.4	29.9	27.6	30.9	29.2	33.0	31.3	31.5	29.5	30.4	29.3
31	---	---	29.7	28.1	---	---	32.6	30.7	32.0	29.6	---	---
MONTH	26.2	20.9	29.9	23.7	32.1	26.6	34.2	27.7	33.9	28.5	31.2	27.2
YEAR	34.2	12.8										

02299861 WALKER CREEK NEAR SARASOTA, FL.

LOCATION.--Lat 27° 22'03", long 82° 32'40" (1927 North American datum), in NW1/ 4 sec.6, T.36 S., R.18 E., Sarasota County, Hydrologic Unit 03100201, on downstream side of 38th Street bridge, 0.6 mi upstream from Whitaker Bayou, and 2.2 mi north of Sarasota.

DRAINAGE AREA.--4.91 mi^2.

PERIOD OF RECORD.--February 1962 to May 1967, April 1980 to October 1981 (discharge measurements only); August 1991 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (City of Sarasota bench mark).

REMARKS.--Records poor. Stage-discharge relation affected by tide on some days.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.3	2.6	1.8	2.3	1.3	12	4.8	11	44	13	8.0	2.6
2	8.0	2.4	1.7	2.3	1.3	9.1	14	6.7	39	10	6.7	2.5
3	7.0	2.3	1.5	2.2	1.3	7.7	6.4	5.9	24	8.8	5.9	2.4
4	6.2	2.4	1.5	2.2	1.2	7.6	4.9	21	83	7.6	5.4	3.2
5	7.3	2.5	1.4	2.1	1.2	6.6	4.2	13	79	7.0	5.0	2.6
6	8.5	2.4	1.3	2.1	1.2	6.0	3.9	9.6	31	6.6	4.8	2.2
7	5.4	2.3	1.2	1.8	1.1	5.7	6.8	7.9	25	6.2	17	2.1
8	4.6	2.3	1.2	1.8	1.1	5.8	6.7	7.0	41	5.9	9.4	2.1
9	4.3	2.2	1.1	1.7	1.1	8.4	4.6	6.6	51	21	6.0	2.0
10	4.1	2.3	1.0	1.7	1.1	7.3	4.1	6.2	32	48	5.1	1.9
11	7.9	2.1	0.93	1.6	0.97	6.1	3.8	5.9	113	14	4.1	2.0
12	7.0	2.2	0.81	1.6	0.96	5.4	3.6	5.6	41	9.7	3.7	1.9
13	5.1	2.0	0.74	1.5	0.95	5.1	3.8	5.4	26	28	3.7	e1.9
14	4.5	2.0	0.64	8.2	0.90	5.0	3.4	5.2	17	25	3.2	1.7
15	4.4	2.0	0.60	3.4	0.80	4.9	3.2	5.1	13	13	3.0	1.5
16	4.0	1.9	0.59	2.6	0.82	6.2	3.0	4.9	9.9	28	5.9	1.5
17	3.7	1.9	0.62	2.2	0.80	105	2.8	4.9	8.5	29	7.2	1.4
18	3.6	1.9	0.77	1.9	0.75	25	2.8	6.3	7.8	13	3.8	1.3
19	3.7	2.0	0.68	1.8	0.72	13	2.8	5.6	7.1	13	3.3	1.3
20	3.6	1.9	0.61	1.8	0.73	10	2.6	5.3	6.6	e12	3.0	1.6
21	3.4	1.9	0.59	1.7	0.72	8.8	2.5	4.9	6.3	e11	3.0	1.5
22	3.3	1.9	0.60	1.6	0.68	7.9	2.5	4.6	8.8	e10	2.9	e1.7
23	3.1	1.9	0.66	1.7	0.70	9.1	2.4	4.4	35	8.7	2.9	e1.7
24	2.9	e1.9	0.64	1.5	0.70	7.9	2.4	4.4	14	15	6.1	1.4
25	2.8	2.2	43	1.5	0.70	6.9	2.3	4.3	9.4	15	5.3	1.2
26	2.8	1.9	8.5	1.4	0.71	6.5	2.9	4.1	8.5	9.0	4.5	1.3
27	2.7	2.0	3.6	1.4	133	6.0	18	3.9	7.8	7.4	e4.5	1.1
28	2.7	3.6	2.9	1.4	31	6.1	7.1	3.9	68	7.6	e4.2	1.0
29	2.6	2.4	2.6	1.4	---	5.3	5.3	3.8	38	23	e3.1	1.0
30	2.6	2.1	2.5	1.3	---	5.0	4.7	4.5	19	60	3.0	1.0
31	2.7	---	2.4	1.3	---	4.9	---	25	---	10	2.8	---
TOTAL	143.8	65.4	88.68	63.0	188.51	336.3	142.3	216.9	913.7	495.5	156.5	52.6
MEAN	4.64	2.18	2.86	2.03	6.73	10.8	4.74	7.00	30.5	16.0	5.05	1.75
MAX	9.3	3.6	43	8.2	133	105	18	25	113	60	17	3.2
MIN	2.6	1.9	0.59	1.3	0.68	4.9	2.3	3.8	6.3	5.9	2.8	1.0
CFSM	0.94	0.44	0.58	0.41	1.37	2.21	0.97	1.43	6.20	3.26	1.03	0.36
IN.	1.09	0.50	0.67	0.48	1.43	2.55	1.08	1.64	6.92	3.75	1.19	0.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2005, BY WATER YEAR (WY)

MEAN	6.85	4.21	4.44	5.09	4.58	5.72	4.14	2.27	10.4	10.2	13.2	12.9
MAX	28.8	17.7	23.7	16.8	16.0	23.5	14.6	7.00	33.5	24.8	45.8	24.9
(WY)	(1996)	(1998)	(1998)	(1998)	(1998)	(1998)	(1993)	(2005)	(1992)	(2001)	(2003)	(2004)
MIN	1.34	1.22	1.00	0.75	0.61	0.87	0.60	0.32	1.79	2.62	3.14	1.75
(WY)	(2001)	(2001)	(2001)	(2001)	(2001)	(2000)	(2000)	(2000)	(1994)	(1998)	(1997)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1992 - 2005	
ANNUAL TOTAL	2,066.66		2,863.19			
ANNUAL MEAN	5.65		7.84		7.00	
HIGHEST ANNUAL MEAN					13.5	2003
LOWEST ANNUAL MEAN					3.13	2000
HIGHEST DAILY MEAN	142	Sep 26	133	Feb 27	350	Sep 14, 2001
LOWEST DAILY MEAN	0.38	Jun 7	0.59	Dec 16	0.01	Jun 4, 2000
ANNUAL SEVEN-DAY MINIMUM	0.45	Jun 1	0.64	Dec 15	0.02	Jun 1, 2000
MAXIMUM PEAK FLOW			601	Feb 27	971	Jun 25, 1992
MAXIMUM PEAK STAGE			10.41	Feb 27	13.01	Jun 25, 1992
ANNUAL RUNOFF (CFSM)	1.15		1.60		1.43	
ANNUAL RUNOFF (INCHES)	15.66		21.69		19.38	
10 PERCENT EXCEEDS	12		15		14	
50 PERCENT EXCEEDS	2.2		3.7		2.8	
90 PERCENT EXCEEDS	0.98		1.1		0.86	

e Estimated

02299950 MANATEE RIVER NEAR MYAKKA HEAD, FL.

LOCATION.--Lat 27° 28'24", long 82° 12'41" (1927 North American datum), in SE$^{1}/_{4}$ sec.33, T.34 S., R.21 E., Manatee County, Hydrologic Unit 03100202, near center of span on downstream side of bridge on State Highway 64, 2.0 mi downstream from confluence of North and East Forks Manatee River, 5.4 mi east of State Highway 675, 8.4 mi west of Myakka Head, and 36 mi upstream from mouth.

DRAINAGE AREA.--65.3 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1966 to current year.

REVISED RECORDS.--WRD FL 1968: 1966. WDR FL-75-3: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 40.93 ft above National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark).

REMARKS.--Records good. Extreme low flow affected at times by ground-water pumpage into channel upstream from station by Manatee County Utilities since about September 1984.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	171	20	15	40	21	823	34	30	70	847	132	34
2	131	17	13	35	20	405	42	40	234	462	153	57
3	104	15	12	31	20	243	44	128	319	280	168	56
4	86	14	13	27	20	185	37	450	330	197	103	49
5	77	15	12	25	18	154	29	237	571	141	73	41
6	65	15	11	24	17	122	24	146	542	104	398	34
7	58	17	9.9	23	16	96	23	90	277	82	497	29
8	52	15	9.7	23	15	79	32	57	307	65	548	26
9	46	14	9.7	23	15	71	34	40	523	138	782	25
10	40	14	9.7	20	16	95	29	31	573	416	626	22
11	38	14	11	19	16	102	23	25	931	447	408	18
12	59	14	13	19	18	84	19	23	781	359	227	17
13	74	13	13	18	15	64	17	21	583	239	152	15
14	70	13	11	88	14	53	22	18	557	173	111	13
15	58	13	11	227	13	46	21	17	332	343	86	12
16	52	12	9.3	189	14	43	16	18	213	514	68	13
17	45	12	10	109	17	470	15	20	152	599	56	12
18	39	12	10	75	14	1,150	14	31	117	701	48	11
19	35	11	9.9	59	13	545	12	35	94	428	43	11
20	32	11	9.3	50	13	289	11	24	77	226	38	9.8
21	29	9.3	8.1	43	12	181	12	18	67	148	33	10
22	29	8.8	9.3	38	10	133	13	16	146	106	33	14
23	27	8.6	10	35	10	108	10	13	166	86	31	20
24	24	8.4	8.6	32	12	100	11	12	161	80	33	19
25	24	9.5	48	28	9.9	91	15	12	128	119	30	15
26	22	15	229	27	9.8	77	11	12	104	103	27	13
27	20	16	232	26	525	64	57	16	85	80	25	11
28	19	15	110	24	2,520	55	64	17	142	97	32	19
29	19	17	72	23	---	46	50	14	725	146	41	42
30	19	18	59	23	---	39	30	11	871	199	35	54
31	19	---	48	24	---	35	---	21	---	221	28	---
TOTAL	1,583	406.6	1,056.5	1,447	3,433.7	6,048	771	1,643	10,178	8,146	5,065	721.8
MEAN	51.1	13.6	34.1	46.7	123	195	25.7	53.0	339	263	163	24.1
MAX	171	20	232	227	2,520	1,150	64	450	931	847	782	57
MIN	19	8.4	8.1	18	9.8	35	10	11	67	65	25	9.8
CFSM	0.78	0.21	0.52	0.71	1.88	2.99	0.39	0.81	5.20	4.02	2.50	0.37
IN.	0.90	0.23	0.60	0.82	1.96	3.45	0.44	0.94	5.80	4.64	2.89	0.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 2005, BY WATER YEAR (WY)

MEAN	52.1	32.0	35.2	41.1	44.4	61.6	24.4	23.0	102	129	180	187
MAX	235	335	307	203	229	358	128	196	597	383	511	544
(WY)	(1972)	(1998)	(1998)	(1998)	(1998)	(1998)	(1993)	(1991)	(2003)	(1968)	(2004)	(2001)
MIN	3.24	2.69	4.72	5.60	6.82	2.66	0.54	0.58	2.48	12.9	17.2	8.06
(WY)	(1975)	(1975)	(1985)	(1968)	(1974)	(1974)	(1975)	(1967)	(1988)	(1972)	(1980)	(1996)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1967 - 2005	
ANNUAL TOTAL	41,008.6		40,499.6			
ANNUAL MEAN	112		111		76.0	
HIGHEST ANNUAL MEAN					173	2003
LOWEST ANNUAL MEAN					23.0	1990
HIGHEST DAILY MEAN	2,290	Sep 6	2,520	Feb 28	6,440	Jun 22, 2003
LOWEST DAILY MEAN	2.6	Jun 23	8.1	Dec 21	0.12	May 24, 1975
ANNUAL SEVEN-DAY MINIMUM	3.6	May 22	9.3	Dec 18	0.18	May 21, 1975
MAXIMUM PEAK FLOW			3,270	Feb 28	11,700	Jun 21, 2003
MAXIMUM PEAK STAGE			16.17	Feb 28	20.58	Jun 21, 2003
ANNUAL RUNOFF (CFSM)	1.72		1.70		1.16	
ANNUAL RUNOFF (INCHES)	23.36		23.07		15.82	
10 PERCENT EXCEEDS	305		323		181	
50 PERCENT EXCEEDS	20		32		18	
90 PERCENT EXCEEDS	6.6		11		4.4	

02299950 MANATEE RIVER NEAR MYAKKA HEAD, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1966 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Color, water, fltrd, Pt-Co units (00080)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
APR													
12...	1150	2.58	19	--	762	7.9	7.4	194	20.7	--	--	--	--
AUG													
31...	1020	2.99	29	125	768	6.7	7.5	182	27.1	13.6	6.03	4.49	8.73

Date	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitrogen, wat unf by analysis, mg/L (62855)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	Aluminum, water, unfltrd recoverable, ug/L (01105)
APR													
12...	--	--	--	--	--	E.02	.17	<.008	.70	.42	.47	14.5	--
AUG													
31...	10.5	.3	8.49	21.5	136	E.03	.17	<.008	.90	.37	.46	15.6	110

Date	Arsenic water unfltrd ug/L (01002)	Cadmium water, unfltrd ug/L (01027)	Chromium, water, unfltrd recoverable, ug/L (01034)	Copper, water, unfltrd recoverable, ug/L (01042)	Iron, water, unfltrd recoverable, ug/L (01045)	Lead, water, unfltrd recoverable, ug/L (01051)	Mercury water, unfltrd recoverable, ug/L (71900)	Nickel, water, unfltrd recoverable, ug/L (01067)	Strontium, water, fltrd, ug/L (01080)	Zinc, water, unfltrd recoverable, ug/L (01092)
APR										
12...	--	--	--	--	--	--	--	--	--	--
AUG										
31...	180	E.04	.62	2.8	330	.17	E.01	2.12	241	6

<--Less than
E--Estimated

02299950 MANATEE RIVER NEAR MYAKKA HEAD, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--July 1993 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15-minute interval, mounted on top of the funnel 8 ft above the bridge handrail.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2001 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	1.01	0.00	0.06	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.00	1.28	0.18	0.00	0.03
3	0.00	0.00	0.00	0.00	0.00	0.25	0.00	2.84	0.60	0.00	0.00	0.01
4	0.27	0.00	0.00	0.00	0.01	0.07	0.00	0.30	1.52	0.00	0.00	0.00
5	0.01	0.07	0.00	0.00	0.00	0.00	0.00	0.01	0.28	0.00	0.01	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.01	0.00	0.23	0.00
8	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.92	0.28	0.97	0.00
9	0.00	0.16	0.00	0.00	0.00	0.59	0.00	0.00	0.00	1.45	0.00	0.04
10	0.00	0.01	0.00	0.00	0.04	0.01	0.00	0.00	0.68	0.34	0.00	0.00
11	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.89	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.01	0.77	0.00	0.00
14	0.00	0.00	0.00	2.17	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
15	0.28	0.00	0.00	0.00	0.00	0.02	0.00	0.80	0.09	0.52	0.00	0.00
16	0.10	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.01	0.46	0.00	0.00
17	0.00	0.00	0.14	0.00	0.00	2.64	0.00	0.16	0.00	0.81	0.05	0.00
18	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.06	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.33
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.02	0.55	0.16
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.02	0.25	0.05	0.06
23	0.00	0.00	0.02	0.00	0.00	0.24	0.15	0.00	0.08	0.00	0.01	0.02
24	0.00	0.09	0.02	0.00	0.00	0.00	0.00	0.00	0.05	0.47	0.02	0.00
25	0.00	0.09	3.29	0.04	0.06	0.00	0.00	0.00	0.00	0.01	0.06	0.00
26	0.00	0.03	0.01	0.00	0.41	0.00	0.81	0.42	0.00	0.00	0.00	0.01
27	0.00	0.47	0.00	0.00	5.70	0.00	1.00	0.00	0.04	0.18	0.19	0.21
28	0.00	0.01	0.00	0.00	0.01	0.01	0.00	0.00	2.31	0.49	0.02	0.51
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.05	0.00	0.00	0.54
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	1.79	0.15	0.01	0.00
31	0.00	---	0.00	0.00	---	0.00	---	1.19	---	0.01	0.00	---
TOTAL	1.48	0.93	3.49	2.21	6.23	4.35	3.38	6.49	12.09	6.49	2.29	1.92

WTR YR 2005 TOTAL 51.35

02300009 MANATEE RIVER AT DEVIL'S ELBOW NEAR FT. HAMER, FL.

LOCATION.--Lat 27° 31'14", long 82° 24'07" (1927 North American datum), in NE$^{1}/_{4}$ sec.16, T.34 S., R.19 E., Manatee County, Hydrologic Unit 03100202, on left bank, on wooden "A" frame structure on Upper Manatee River Road, 3.0 mi upstream from Ft. Hamer, and 6.0 mi downstream from the dam.

DRAINAGE AREA.--139 mi^2.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--March 1997 to March 1998 (gage heights only); January 2001 to September 2003 (gage heights only); October 2003 to current year (tidal high-high and low-low only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Jan. 26, 2001, at datum 18.40 ft higher.

REMARKS.--Interruptions in record were due to days in which a tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low. The extremes for periods published previously as maximum and minimum gage heights are equivalent to tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 8.87 ft, Sept 14, 2001; minimum, 1.71 ft below NGVD, Jan. 24, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 5.12 ft, Feb. 28; minimum, 1.69 ft below NGVD, Dec. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	2.36	0.17	2.41	-0.16	2.09	-0.60	1.24	-0.75	2.03	-0.16	---	---
2	2.11	0.06	2.38	0.02	1.65	-0.56	1.34	-0.50	2.03	-0.15	1.57	0.39
3	1.96	-0.16	2.22	-0.16	1.61	-0.67	1.33	-0.53	2.43	-0.55	1.20	0.14
4	2.05	-0.11	2.02	0.03	1.32	-0.56	1.47	-0.30	1.56	-0.61	1.81	-0.48
5	1.90	0.05	2.70	-0.18	1.25	-0.60	1.73	-0.48	1.99	-0.95	1.71	-0.57
6	1.74	-0.38	1.14	-0.43	1.56	-0.01	1.91	-0.72	---	-0.86	---	---
7	1.43	-0.72	1.71	0.04	1.97	-0.25	2.00	-0.81	2.70	-0.57	1.23	-0.72
8	1.70	-0.15	1.50	0.00	1.71	-0.31	---	-0.87	2.89	-0.18	2.38	0.14
9	2.07	0.13	1.56	-0.21	1.24	-0.76	2.15	-1.05	3.08	-0.05	---	---
10	2.07	0.28	1.22	-0.66	2.22	-0.43	---	---	3.09	0.30	1.82	-0.59
11	2.54	0.81	1.93	-0.31	2.53	-0.12	2.32	-0.82	1.96	-0.49	1.94	0.03
12	2.26	0.38	2.69	-0.11	2.00	-1.23	---	---	1.57	-0.31	1.69	-0.41
13	2.43	0.40	3.20	-0.11	2.10	-0.97	2.40	-0.42	2.26	-0.04	1.84	0.00
14	2.24	-0.03	2.65	-0.86	2.33	-0.90	2.49	0.01	1.99	0.25	1.66	-0.42
15	2.58	0.49	1.72	-1.18	0.86	-1.69	0.99	-0.36	1.83	0.10	1.61	-0.39
16	2.18	-0.48	2.16	-0.80	0.78	-1.28	0.78	-0.24	1.97	-0.28	2.29	-0.73
17	2.24	-0.26	2.26	-0.52	1.17	-0.79	0.89	-0.54	1.98	-0.14	4.19	0.74
18	2.29	-0.46	1.98	-0.35	1.29	-0.44	0.95	-1.00	1.51	-0.69	---	---
19	2.56	-0.30	1.81	-0.15	1.45	-0.19	1.79	-1.16	1.46	-1.04	1.41	1.03
20	2.40	-0.11	1.89	0.17	0.69	-0.81	2.04	-0.78	1.07	-0.97	1.87	0.03
21	2.21	-0.37	1.88	0.40	1.53	-0.85	2.26	-0.41	1.13	-0.68	---	0.50
22	1.63	-0.39	1.67	0.07	2.12	-0.86	---	-0.46	1.89	-0.63	2.21	0.28
23	1.93	-0.20	2.15	0.04	2.02	-0.38	2.60	0.07	1.87	-0.60	2.02	-0.18
24	2.11	0.18	3.25	0.13	1.42	-0.69	1.04	-1.24	2.04	-0.33	2.11	-0.24
25	2.06	0.21	1.87	0.81	---	-1.17	1.82	-0.80	1.90	-0.41	1.78	-0.22
26	2.07	-0.10	2.01	-0.79	3.52	-0.63	2.16	-0.33	1.52	-0.54	1.92	-0.09
27	1.95	-0.26	1.95	-0.60	0.75	-1.44	2.29	-0.42	1.39	-0.08	2.14	-0.12
28	2.13	-0.32	2.98	-0.38	0.99	-1.42	1.93	-0.62	5.12	4.85	2.65	1.37
29	2.39	-0.26	1.79	-0.86	1.39	-1.05	1.39	-0.66	---	---	1.88	-0.02
30	2.46	-0.19	1.86	-0.77	1.55	-0.61	---	---	---	---	1.93	-0.70
31	2.54	-0.19	---	---	1.64	-0.73	1.74	0.04	---	---	2.24	-0.76
MAX	2.58	0.81	3.25	0.81	---	-0.01	---	---	---	4.85	---	---
MIN	1.43	-0.72	1.14	-1.18	---	-1.69	---	---	---	-1.04	---	---

02300009 MANATEE RIVER AT DEVIL'S ELBOW NEAR FT. HAMER, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	2.29	-0.54	2.59	-0.33	1.98	0.71	3.07	1.19	2.16	-0.03	2.39	-0.30
2	2.08	-0.43	1.89	-0.25	2.45	1.33	2.35	0.35	2.29	-0.35	2.49	-0.11
3	1.43	-1.07	1.65	-0.46	2.33	0.48	2.43	-0.04	2.33	0.18	2.17	-0.02
4	1.68	-0.99	2.20	0.19	2.31	0.91	2.20	-0.47	2.27	-0.50	1.88	-0.04
5	1.19	-0.75	2.39	0.20	2.87	1.06	2.49	-0.11	2.31	0.41	1.61	0.00
6	1.92	-0.35	1.78	-0.37	2.50	0.75	2.72	-0.24	2.20	0.06	1.87	0.03
7	1.90	-0.13	1.73	-0.61	2.46	---	2.49	-0.29	2.38	0.65	2.00	0.03
8	2.42	-0.07	2.31	-0.35	2.37	0.18	2.75	---	2.05	0.33	1.99	0.16
9	2.07	-0.36	2.45	-0.40	2.39	1.27	1.77	0.34	1.97	0.56	1.93	0.03
10	1.97	0.02	2.59	---	2.07	1.79	3.25	0.57	2.06	0.57	1.93	-0.19
11	2.28	-0.69	2.27	-0.39	4.08	0.86	2.31	1.30	1.79	0.46	1.92	-0.29
12	2.60	-0.29	2.29	-0.61	2.63	2.52	2.16	-0.18	1.98	0.09	2.04	-0.09
13	2.49	-0.09	1.81	-0.51	1.64	1.45	1.65	0.56	1.97	-0.07	2.72	-0.09
14	2.37	-0.28	2.27	-0.60	1.84	0.92	2.94	0.76	2.13	-0.10	2.91	0.05
15	1.23	-0.63	2.04	-0.30	1.66	0.16	2.24	1.01	2.23	-0.51	2.71	-0.05
16	1.06	-1.12	1.70	-0.22	1.86	0.39	2.47	1.21	2.26	-0.46	2.91	0.11
17	1.30	-1.19	1.55	-0.28	2.18	0.12	2.31	0.31	2.54	-0.32	---	---
18	1.34	-0.89	1.43	-0.12	2.39	-0.16	2.64	0.95	2.87	-0.29	2.52	0.12
19	1.71	-0.67	1.58	-0.17	2.21	-0.49	2.74	0.49	2.90	-0.19	2.07	-0.05
20	1.65	-0.38	2.02	0.14	2.11	-0.70	2.79	0.34	2.82	-0.16	1.75	-0.69
21	1.96	-0.01	2.29	-0.16	2.23	-0.44	2.87	-0.31	2.70	0.10	2.49	-0.78
22	2.11	0.06	2.13	-0.39	2.76	0.82	2.90	0.64	2.36	0.03	3.55	0.24
23	2.39	0.39	2.40	-0.45	2.75	-0.27	2.60	0.07	2.03	0.05	3.04	0.21
24	2.00	-0.33	2.81	-0.27	2.27	-0.55	2.34	0.00	2.02	-0.02	2.52	0.04
25	2.14	-0.55	2.92	---	2.61	-0.52	1.91	0.45	2.08	0.63	2.08	-0.02
26	2.60	0.40	2.65	-0.60	2.37	-0.12	1.69	0.10	1.04	-1.38	2.03	0.14
27	2.66	-0.06	2.74	-0.58	1.75	-0.20	1.77	-0.04	2.24	0.78	1.50	0.05
28	1.89	-0.51	2.43	-0.48	2.30	0.09	1.82	0.32	2.90	0.25	2.06	0.04
29	2.41	-0.75	2.01	-0.40	2.40	1.70	1.77	-0.27	2.62	0.15	2.22	0.15
30	2.35	-0.48	2.02	-0.34	2.77	1.44	1.86	-0.43	2.57	0.16	2.12	0.01
31	---	---	1.88	0.02	---	---	2.03	-0.45	2.37	-0.09	---	---
MAX	2.66	0.40	2.92	---	4.08	---	3.25	---	2.90	0.78	---	---
MIN	1.06	-1.19	1.43	---	1.64	---	1.65	---	1.04	-1.38	---	---

02300009 MANATEE RIVER AT DEVIL'S ELBOW NEAR FT. HAMER, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1997 to March 1998; January 2001 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located 1.0 ft below the surface and 1.0 ft above the bottom.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 32,600 microsiemens, June 7, 8, 2002; bottom sensor maximum, 32,800 microsiemens, June 7, 8, 2002; top sensor minimum, 75 microsiemens, July 13, 2003; bottom sensor minimum, 51 microsiemens, Sept. 10, 11, 2004.

TEMPERATURE.--Top sensor maximum, 33.8° C, June 13, 2001, June 25, 2004; bottom sensor maximum, 33.4° C, July 7, 2004; top sensor minimum, 10.7° C, Jan. 24, 2003; bottom sensor minimum, 11.9° C, Jan. 25, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 20,200 microsiemens, Sept 22; bottom sensor maximum, 20,900 microsiemens, Sept 22; top sensor minimum, 99 microsiemens, July 13; bottom sensor minimum, 110 microsiemens, July 13.

TEMPERATURE.--Top sensor maximum, 33.3° C, Aug. 17, 24; bottom sensor maximum, 32.8° C, Aug. 24; top sensor minimum, 12.9° C, Dec. 27; bottom sensor minimum, 13.5° C, Dec. 27.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	159	134	7,710	577	10,400	1,360	1,610	329	6,970	903	---	---
2	145	133	8,050	687	8,530	1,250	1,370	189	7,000	911	---	---
3	218	130	8,540	650	9,320	1,020	2,020	287	9,340	714	---	---
4	296	160	8,240	774	8,460	1,190	3,210	371	6,110	836	---	---
5	338	151	11,900	826	9,290	781	4,580	385	8,990	700	---	---
6	252	153	5,800	614	10,400	2,550	2,820	441	12,300	976	---	---
7	360	190	7,490	1,380	12,500	1,540	7,600	491	12,500	1,810	---	---
8	472	220	7,490	1,240	12,400	1,390	8,680	793	14,300	2,870	---	---
9	337	138	7,110	895	14,400	894	9,120	647	16,600	3,290	---	---
10	432	168	8,460	622	15,300	1,790	9,640	853	17,100	4,960	---	---
11	1,050	129	12,000	993	16,200	2,610	11,500	1,340	11,900	2,300	---	---
12	349	125	13,800	1,460	13,000	1,020	13,900	1,850	9,800	2,350	184	161
13	608	162	16,800	1,750	15,100	1,290	14,400	2,530	12,900	3,540	454	184
14	572	163	14,100	1,170	17,000	1,710	14,500	395	11,200	5,000	550	196
15	385	130	10,200	361	8,750	1,060	395	226	---	---	432	173
16	381	146	14,100	1,490	8,290	1,100	260	218	---	---	779	179
17	714	166	14,900	2,120	11,400	2,460	383	223	---	---	201	122
18	643	171	14,200	2,460	12,300	3,340	688	327	---	---	192	127
19	1,630	195	13,900	3,180	13,100	3,850	791	360	---	---	142	132
20	2,000	226	14,400	5,020	11,700	1,660	---	---	---	---	221	137
21	841	175	13,900	4,870	13,700	1,410	1,950	345	---	---	201	138
22	1,070	183	15,200	3,970	18,000	1,650	1,910	383	---	---	187	138
23	1,350	199	15,600	3,670	17,800	4,490	1,300	230	---	---	299	164
24	2,420	264	20,100	3,850	17,000	3,060	1,430	234	---	---	333	199
25	2,540	290	20,100	5,370	13,800	180	1,740	381	---	---	438	231
26	2,620	263	12,400	1,290	695	178	3,410	556	---	---	482	203
27	2,880	294	15,600	1,630	1,010	365	4,140	543	---	---	325	144
28	3,830	345	17,200	1,720	1,130	464	3,760	485	---	---	510	174
29	5,530	432	9,590	1,250	1,200	582	3,590	512	---	---	474	184
30	6,610	490	9,070	1,350	1,300	228	5,910	1,770	---	---	602	191
31	7,540	553	---	---	965	250	5,190	1,070	---	---	800	220
MONTH	7,540	125	20,100	361	18,000	178	---	---	---	---	---	---

02300009 MANATEE RIVER AT DEVIL'S ELBOW NEAR FT. HAMER, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	851	218	1,380	167	2,870	217	138	123	208	109	2,390	263
2	476	144	1,040	185	230	209	136	124	132	107	2,890	324
3	500	160	745	214	238	213	129	118	284	111	2,360	375
4	662	220	218	170	233	186	158	124	176	103	1,470	272
5	860	265	205	180	227	198	233	123	384	108	1,230	319
6	1,030	311	191	175	235	211	207	117	203	110	1,820	371
7	1,300	296	249	184	257	223	351	138	119	109	2,420	436
8	415	155	572	217	247	228	278	111	121	109	2,510	506
9	906	183	1,180	246	238	226	120	111	117	112	2,660	490
10	1,110	199	2,330	256	237	217	127	113	121	114	2,780	328
11	2,050	204	2,460	276	217	183	204	119	118	108	3,630	317
12	3,600	281	3,280	290	200	181	181	114	149	106	5,270	529
13	3,540	373	2,940	329	210	165	138	99	157	107	8,480	652
14	3,500	300	4,860	314	194	154	214	105	225	125	10,100	1,080
15	1,750	322	4,710	395	257	177	210	110	157	108	9,290	1,200
16	1,800	314	4,130	431	287	205	220	110	268	142	11,700	1,780
17	3,200	356	3,560	422	333	225	120	112	573	162	11,000	1,780
18	4,120	456	2,130	298	229	171	118	111	342	123	11,500	1,730
19	6,170	474	824	267	335	190	122	113	932	130	10,600	1,800
20	6,750	693	1,370	338	259	161	126	111	1,440	164	9,280	1,130
21	7,760	1,210	2,200	331	415	189	133	113	1,380	128	14,200	765
22	8,410	1,190	2,300	291	189	150	270	133	575	119	20,200	4,020
23	9,670	1,990	4,580	357	270	155	145	109	556	153	17,100	4,480
24	8,200	917	7,090	418	263	158	211	112	474	186	15,100	3,960
25	8,790	878	8,170	540	320	163	115	102	283	112	13,300	4,520
26	12,400	878	8,700	600	316	165	161	106	276	112	14,400	5,200
27	1,710	166	10,400	795	372	174	212	134	856	274	14,700	5,500
28	1,500	247	9,810	1,010	174	135	185	117	1,780	269	14,500	4,950
29	2,850	325	8,750	1,090	139	132	155	121	1,910	276	13,200	5,040
30	4,060	474	9,190	1,210	140	134	148	115	2,190	294	11,900	3,380
31	---	---	7,780	438	---	---	146	103	2,040	264	---	---
MONTH	12,400	144	10,400	167	2,870	132	351	99	2,190	103	20,200	263

02300009 MANATEE RIVER AT DEVIL'S ELBOW NEAR FT. HAMER, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	155	131	7,640	598	10,100	1,550	1,600	1,340	5,950	622	236	205
2	148	128	8,120	655	8,590	1,450	1,420	1,230	6,460	699	225	181
3	202	126	8,580	649	8,990	1,290	1,240	1,110	8,750	593	229	192
4	285	158	8,230	854	7,830	1,230	1,110	1,020	5,450	601	239	194
5	334	147	12,100	844	7,790	895	1,300	1,020	8,230	607	224	181
6	241	153	6,040	644	9,540	3,120	1,680	1,020	11,700	686	211	162
7	363	187	8,080	1,510	11,900	1,610	1,720	1,010	11,700	1,040	474	162
8	469	219	8,040	1,420	11,700	1,280	1,890	1,010	11,900	1,530	589	301
9	307	142	7,500	1,010	13,700	979	1,940	1,010	15,200	1,860	413	157
10	407	168	8,910	700	15,200	1,360	2,210	1,010	15,800	3,810	332	157
11	1,000	124	12,400	1,050	15,700	3,150	2,440	1,020	12,000	1,580	559	173
12	337	121	13,700	1,230	12,900	1,030	2,650	1,030	8,970	2,600	195	162
13	565	158	16,500	1,760	14,000	1,460	2,460	1,030	11,700	2,750	462	173
14	563	160	13,800	917	16,300	1,840	2,490	1,010	10,200	4,150	558	189
15	348	126	10,200	904	7,460	1,070	1,040	1,020	10,600	3,440	460	173
16	374	143	13,600	1,380	7,140	1,590	1,020	991	10,900	2,660	862	203
17	705	164	14,700	2,190	6,940	2,710	992	938	11,400	3,050	222	139
18	673	181	14,200	2,710	7,380	3,350	939	876	9,220	1,400	146	141
19	1,550	204	13,700	4,410	7,620	4,180	879	815	7,220	861	156	146
20	1,960	242	14,000	5,330	6,910	2,600	816	771	5,180	1,430	235	149
21	831	182	13,600	6,570	7,360	2,440	771	743	5,180	1,580	213	149
22	983	184	15,100	4,820	8,400	2,460	743	730	5,340	1,670	202	149
23	1,340	206	16,000	4,380	8,680	3,000	731	725	5,370	1,710	314	177
24	2,470	267	19,600	4,410	8,670	2,630	725	692	5,830	2,450	347	213
25	2,560	302	19,600	6,400	7,190	2,160	692	671	6,160	2,270	463	245
26	2,670	264	12,500	1,430	4,130	2,310	673	669	5,790	1,900	530	219
27	2,870	303	15,700	1,620	2,730	1,640	1,860	670	5,310	2,730	339	157
28	3,850	367	16,700	2,010	2,690	1,560	2,970	538	4,480	235	556	189
29	5,630	461	9,680	1,290	2,590	1,690	2,500	562	---	---	513	200
30	6,650	507	9,220	1,430	2,270	1,700	5,250	1,420	---	---	629	206
31	7,680	572	---	---	1,950	1,520	4,250	837	---	---	852	235
MONTH	7,680	121	19,600	598	16,300	895	5,250	538	15,800	235	862	139
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	900	235	1,520	186	4,170	235	153	139	228	125	2,630	266
2	517	158	988	203	247	228	156	140	148	121	3,110	316
3	525	174	730	237	252	230	150	137	300	128	2,590	369
4	694	230	237	186	247	201	173	141	195	119	1,520	282
5	897	279	220	195	236	208	241	139	389	125	1,300	327
6	1,050	346	214	190	244	233	218	133	223	126	1,930	397
7	1,380	309	249	200	267	237	361	149	135	125	2,520	436
8	424	166	552	224	262	245	286	127	137	124	2,590	501
9	941	197	1,150	276	250	245	137	127	129	125	2,760	508
10	1,200	208	2,240	362	247	231	141	126	130	125	3,220	347
11	2,250	225	2,440	371	231	194	218	133	129	123	3,770	336
12	3,910	318	3,390	387	206	192	191	128	163	119	5,330	547
13	3,700	422	3,380	364	209	171	150	110	169	119	8,810	682
14	3,640	351	4,870	343	192	166	133	118	242	139	10,600	1,190
15	1,860	356	4,970	538	270	190	130	124	166	117	9,980	1,270
16	1,920	341	4,250	623	298	241	133	128	286	160	12,600	1,860
17	3,490	422	3,680	608	324	263	134	127	670	177	11,300	1,840
18	4,190	570	2,650	376	263	200	131	128	431	135	12,400	1,890
19	6,590	614	812	300	304	216	136	127	1,140	146	11,100	1,950
20	6,990	837	1,300	418	256	190	139	127	1,650	180	9,510	1,180
21	8,360	1,480	2,190	457	346	197	149	127	1,520	133	15,300	826
22	8,910	1,480	2,430	368	234	164	279	149	643	128	20,900	4,230
23	10,200	2,550	4,630	381	236	172	158	124	587	155	17,700	5,000
24	8,650	1,050	7,380	512	256	165	227	124	480	175	15,600	4,460
25	9,440	1,170	8,670	693	297	170	127	115	250	119	14,200	5,260
26	13,000	1,070	9,220	701	303	170	177	121	282	119	15,100	7,010
27	2,140	181	10,600	991	393	193	221	141	875	278	15,800	6,040
28	1,500	270	10,200	1,310	193	153	200	120	1,920	275	15,500	5,320
29	2,930	385	9,260	1,350	157	153	164	126	2,080	268	14,200	5,610
30	4,110	582	9,910	1,550	155	151	155	121	2,360	291	12,600	3,660
31	---	---	8,300	580	---	---	161	118	2,160	264	---	---
MONTH	13,000	158	10,600	186	4,170	151	361	110	2,360	117	20,900	266
YEAR	20,900	110										

02300009 MANATEE RIVER AT DEVIL'S ELBOW NEAR FT. HAMER, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	28.6	26.2	27.3	26.1	23.9	22.0	19.7	18.0	19.9	18.0	---	---
2	29.7	27.2	27.9	26.0	23.3	22.6	19.5	17.1	20.2	18.5	---	---
3	30.0	27.2	28.3	26.4	22.7	21.4	20.0	18.3	20.8	19.1	---	---
4	30.9	28.1	28.5	26.5	21.6	20.2	20.7	18.7	20.4	17.5	---	---
5	29.6	28.5	27.7	25.8	21.1	19.2	21.7	19.4	18.0	16.0	---	---
6	29.5	28.0	25.8	24.3	22.0	20.0	20.8	19.6	18.2	16.6	---	---
7	28.7	27.3	24.9	23.5	22.4	20.6	22.1	20.2	19.2	17.4	---	---
8	27.9	26.3	24.2	22.5	22.9	20.9	22.6	20.8	19.7	18.1	---	---
9	27.9	25.9	23.3	21.5	23.3	21.1	23.0	21.1	20.5	18.6	---	---
10	27.6	26.6	23.3	21.3	23.6	22.4	22.8	21.2	20.9	19.6	---	---
11	26.9	25.7	23.7	21.7	23.3	21.2	23.0	21.1	19.7	18.0	---	---
12	27.3	25.9	23.9	22.3	21.2	19.2	23.0	21.4	18.3	16.6	20.3	17.3
13	27.1	26.0	23.6	22.9	20.3	18.3	23.4	21.8	18.4	16.5	20.9	18.1
14	27.8	25.8	23.6	22.8	19.7	17.5	22.9	20.4	19.4	17.2	21.7	19.7
15	26.0	24.6	23.3	22.0	17.7	15.4	20.5	19.6	---	---	21.9	20.1
16	25.3	23.4	23.1	21.4	16.4	14.0	19.9	18.5	---	---	23.5	20.7
17	26.2	23.6	23.1	21.1	16.6	15.3	19.4	17.5	---	---	22.2	20.8
18	26.4	24.2	23.4	21.3	17.9	16.2	17.8	15.5	---	---	20.9	20.3
19	27.5	25.3	23.4	21.4	18.2	16.6	16.2	14.6	---	---	21.3	19.6
20	28.2	26.3	23.6	22.1	17.2	15.5	---	---	---	---	22.6	19.4
21	27.8	26.5	23.8	22.1	16.8	14.1	16.7	15.1	---	---	21.8	20.2
22	27.6	26.7	23.7	21.8	17.1	14.6	17.3	16.0	---	---	23.4	20.7
23	26.9	25.8	23.7	22.0	17.8	16.7	17.7	16.1	---	---	23.0	22.0
24	26.8	25.1	24.1	22.3	17.8	16.9	16.1	13.7	---	---	23.1	21.5
25	27.0	25.0	24.1	22.9	17.1	14.8	15.9	13.8	---	---	24.9	22.6
26	26.6	24.9	23.1	20.9	16.1	14.5	16.7	14.8	---	---	26.4	24.4
27	26.3	24.4	22.0	20.6	16.2	12.9	18.4	16.1	---	---	25.8	23.1
28	25.9	24.3	22.8	21.1	16.6	13.7	19.0	17.6	---	---	25.5	23.7
29	26.2	24.7	22.9	21.0	17.3	14.1	19.3	17.7	---	---	24.9	22.6
30	26.9	25.2	23.2	21.2	17.6	15.2	19.8	18.4	---	---	25.2	22.2
31	27.4	25.6	---	---	18.5	16.7	20.0	18.5	---	---	25.9	23.8
MONTH	30.9	23.4	28.5	20.6	23.9	12.9	---	---	---	---	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	26.6	23.6	26.0	23.8	29.9	27.4	29.1	27.3	31.8	29.6	31.0	30.1
2	25.7	23.2	27.8	24.5	28.2	26.7	29.6	27.3	31.5	29.2	31.0	29.5
3	23.9	21.3	27.3	25.2	28.1	27.2	30.3	27.5	32.1	29.7	31.5	29.0
4	25.1	21.1	26.0	24.5	27.3	26.2	30.6	27.9	32.1	29.0	31.1	29.5
5	25.1	22.1	25.2	24.2	27.7	26.3	31.4	29.4	32.2	29.7	30.3	29.0
6	25.4	23.5	26.0	23.9	28.4	26.7	31.7	29.6	31.5	29.8	30.5	28.8
7	24.8	23.9	26.1	23.1	28.7	26.2	32.5	30.1	31.3	29.5	30.8	29.3
8	25.3	22.8	26.8	24.1	29.6	26.3	32.1	30.6	30.7	29.4	30.3	29.4
9	25.7	23.6	27.4	24.6	29.6	27.9	31.5	28.5	31.0	29.7	31.2	28.8
10	26.0	23.6	27.8	25.1	28.7	26.8	28.6	28.0	31.7	29.5	32.3	29.7
11	26.5	23.7	27.5	25.3	27.7	26.2	29.1	27.6	31.5	29.0	32.6	30.1
12	26.3	24.0	27.9	25.1	27.9	27.4	30.3	27.7	31.1	28.8	31.9	29.8
13	26.3	24.6	28.1	25.5	29.5	27.3	31.0	27.3	32.3	29.2	31.1	30.0
14	25.9	23.8	27.8	24.9	30.9	28.2	29.8	28.0	32.1	29.9	30.8	29.4
15	24.9	23.0	28.2	25.6	31.3	29.2	29.9	27.7	31.7	28.3	30.6	29.0
16	24.0	21.3	28.9	26.1	31.9	29.4	30.6	28.5	32.4	30.4	30.5	28.6
17	25.0	20.8	30.3	26.5	31.9	30.1	30.5	29.0	33.3	31.0	30.7	28.4
18	25.1	21.4	29.2	27.0	31.0	28.1	31.0	29.8	32.7	29.7	30.7	28.3
19	25.1	22.4	28.8	25.5	31.2	28.8	31.0	29.6	32.6	29.8	30.5	28.8
20	25.1	23.2	29.3	26.5	30.3	28.0	31.3	29.3	32.7	30.3	29.7	28.5
21	25.6	23.3	29.6	27.4	29.5	27.8	31.8	29.3	32.0	29.9	29.1	27.9
22	26.2	23.5	29.8	27.9	29.1	27.4	31.7	29.9	31.6	29.5	28.3	27.7
23	26.1	23.9	30.0	27.8	28.7	27.6	31.7	29.3	32.8	30.1	28.5	27.3
24	25.1	23.5	29.7	27.7	29.4	26.8	31.2	28.5	33.3	30.0	30.1	27.5
25	25.0	22.4	30.0	27.8	29.4	27.4	31.5	28.6	32.3	30.0	30.6	28.4
26	24.4	22.6	28.8	27.3	30.5	27.9	31.8	30.0	30.9	29.5	31.0	28.6
27	25.1	22.4	29.4	26.8	30.4	28.7	32.8	30.3	29.8	28.6	31.1	28.9
28	25.1	22.6	30.1	27.6	30.1	28.0	32.1	29.6	30.6	28.4	29.6	28.4
29	26.1	23.4	31.2	28.1	29.5	28.7	31.1	29.2	31.1	29.1	30.1	27.1
30	27.4	24.2	32.2	28.8	29.3	28.2	32.2	29.1	31.4	29.9	30.1	27.9
31	---	---	30.5	28.9	---	---	31.8	30.0	31.5	30.2	---	---
MONTH	27.4	20.8	32.2	23.1	31.9	26.2	32.8	27.3	33.3	28.3	32.6	27.1

02300009 MANATEE RIVER AT DEVIL'S ELBOW NEAR FT. HAMER, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	28.5	26.2	27.3	26.1	23.8	22.2	19.5	18.1	19.8	18.1	20.9	20.0
2	29.6	27.2	27.8	26.2	23.2	22.8	19.4	17.2	19.8	18.6	21.0	19.2
3	29.6	27.1	28.2	26.6	23.0	21.9	19.9	18.4	20.7	19.1	19.3	18.1
4	30.4	28.1	28.3	26.9	22.0	20.4	20.5	18.7	20.5	18.1	20.3	17.7
5	29.5	28.5	27.7	25.9	21.2	19.6	21.2	19.4	18.1	16.3	20.1	17.3
6	29.4	28.0	25.9	24.4	21.9	20.4	21.6	19.7	18.1	16.8	20.4	17.3
7	28.6	27.3	24.9	23.7	22.4	20.9	21.8	20.2	19.0	17.4	20.9	18.4
8	27.9	26.3	24.3	22.6	22.6	21.1	22.5	20.8	19.6	18.1	20.9	19.9
9	27.9	26.0	23.4	21.7	23.2	21.3	22.8	21.1	20.5	18.7	20.1	17.5
10	27.3	26.6	23.2	21.4	23.5	22.4	22.7	21.3	20.9	19.6	19.6	17.0
11	26.9	25.7	23.6	21.8	23.3	21.4	22.4	21.1	19.7	18.0	20.6	18.0
12	27.2	25.9	23.8	22.4	21.4	19.4	22.7	21.3	18.5	16.7	20.2	17.3
13	27.1	26.0	23.5	23.0	20.3	18.5	23.1	21.9	18.3	16.6	20.8	18.1
14	27.6	25.8	23.6	22.8	19.7	18.4	22.8	20.9	19.3	17.3	21.6	19.7
15	26.0	24.6	23.2	22.1	18.4	16.3	20.9	19.6	20.5	18.9	21.7	20.1
16	25.3	23.4	22.9	21.7	16.8	15.1	19.8	18.6	21.4	19.5	23.4	20.6
17	25.9	23.6	23.1	21.5	17.1	15.8	19.0	17.5	21.7	20.1	22.1	20.7
18	26.2	24.2	23.4	21.7	18.0	16.5	17.7	15.7	21.4	19.7	20.7	20.1
19	27.3	25.3	23.3	22.0	18.1	17.0	16.0	14.8	20.5	18.3	21.2	19.5
20	28.0	26.3	23.5	22.2	17.7	16.4	15.9	15.2	21.1	19.1	21.9	19.2
21	27.7	26.5	23.5	22.3	16.6	15.1	16.4	15.1	22.1	19.9	21.6	20.1
22	27.5	26.7	23.5	22.1	17.2	15.0	17.2	16.0	23.2	21.3	23.2	20.6
23	26.9	25.8	23.6	22.2	17.9	16.7	17.5	16.2	24.1	22.5	22.9	21.8
24	26.7	25.1	24.0	22.6	17.9	17.3	16.2	13.7	24.2	22.9	22.9	21.3
25	26.7	25.0	24.0	23.3	17.6	15.5	15.8	13.8	23.7	23.1	24.7	22.5
26	26.5	25.0	23.3	21.4	16.2	15.3	16.7	14.7	23.2	22.4	26.3	24.2
27	26.3	24.5	22.0	20.9	15.5	13.5	18.4	16.1	22.8	21.0	25.6	23.0
28	25.9	24.3	22.7	21.3	16.2	13.9	18.9	17.7	21.0	20.5	25.4	23.6
29	26.2	24.7	22.8	21.2	16.7	14.3	19.2	17.8	---	---	24.7	22.4
30	26.8	25.2	22.9	21.2	17.5	15.4	19.8	18.4	---	---	24.8	22.1
31	27.3	25.6	---	---	18.4	16.8	19.9	18.5	---	---	25.7	23.6
MONTH	30.4	23.4	28.3	20.9	23.8	13.5	23.1	13.7	24.2	16.3	26.3	17.0
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	26.4	23.5	25.8	23.7	29.9	27.2	29.0	27.2	31.6	29.3	30.7	29.9
2	25.6	23.1	26.5	24.3	28.0	26.5	29.4	27.2	31.2	29.0	30.7	29.3
3	23.7	21.2	27.1	25.1	28.0	27.1	30.2	27.3	31.5	29.5	30.9	28.8
4	24.5	21.0	25.8	24.4	27.2	26.0	30.4	27.7	31.5	28.9	30.8	29.3
5	24.9	22.0	25.1	24.0	27.5	26.1	31.1	29.1	32.0	29.5	30.0	28.9
6	25.2	23.3	25.9	23.7	28.3	26.5	31.5	29.4	31.3	29.6	30.3	28.6
7	24.7	23.7	25.7	23.0	28.3	26.0	32.1	29.9	31.1	29.3	30.4	29.1
8	25.2	22.7	26.4	23.9	29.4	26.2	31.9	30.4	30.3	29.3	30.3	29.2
9	25.5	23.4	27.3	24.4	29.4	27.7	31.3	28.3	30.9	29.5	31.2	28.8
10	25.8	23.5	27.6	24.9	28.5	26.7	28.4	27.9	31.5	29.3	32.2	29.7
11	26.2	23.5	27.3	25.1	27.6	26.0	28.9	27.4	31.3	28.8	32.5	30.0
12	26.1	23.9	27.6	24.9	27.7	27.2	30.1	27.6	30.9	28.6	31.7	29.9
13	26.1	24.4	27.8	25.3	29.3	27.1	29.8	27.1	32.1	29.1	31.1	30.1
14	25.7	23.7	27.4	24.8	30.4	28.1	29.7	27.8	31.8	29.7	30.7	29.6
15	24.6	22.8	27.6	25.5	30.8	29.0	29.7	27.5	31.4	28.2	30.5	29.0
16	23.6	21.2	27.7	26.0	31.5	29.2	30.4	28.3	32.2	30.2	30.2	28.6
17	24.1	20.7	29.1	26.4	31.7	29.9	30.3	28.8	32.7	30.8	30.5	28.4
18	24.5	21.3	29.0	26.5	30.8	27.8	30.8	29.6	32.1	29.5	30.6	28.3
19	24.7	22.3	28.6	25.4	30.9	28.6	30.8	29.4	32.2	29.6	30.4	28.8
20	24.9	23.0	28.8	26.4	30.1	27.9	31.1	29.2	32.4	30.1	29.7	28.5
21	25.4	23.1	29.3	27.2	29.0	27.6	31.5	29.1	31.8	29.7	29.0	27.9
22	25.9	23.4	29.6	27.8	28.9	27.2	31.6	29.7	31.2	29.3	28.4	27.8
23	25.9	23.7	29.8	27.7	28.5	27.5	31.3	29.1	32.3	29.9	28.5	27.4
24	24.9	23.4	29.4	27.5	29.1	26.6	31.0	28.3	32.8	29.8	30.1	27.7
25	24.8	22.2	29.8	27.6	29.3	27.2	31.3	28.5	31.9	29.8	30.6	28.7
26	24.2	22.4	28.6	27.2	30.2	27.7	31.5	29.8	30.7	29.3	30.4	28.8
27	24.8	22.2	29.2	26.7	30.2	28.6	32.6	30.2	29.6	28.5	30.3	29.2
28	25.0	22.4	29.9	27.4	29.9	27.8	32.0	29.4	30.3	28.2	29.4	28.3
29	26.0	23.3	30.4	27.9	29.3	28.5	30.9	29.1	30.9	28.9	29.2	27.6
30	26.5	24.0	31.3	28.6	29.1	28.0	31.9	28.9	31.2	29.6	29.7	27.9
31	---	---	30.3	28.7	---	---	31.6	29.8	31.2	30.0	---	---
MONTH	26.5	20.7	31.3	23.0	31.7	26.0	32.6	27.1	32.8	28.2	32.5	27.4
YEAR	32.8	13.5										

023000095 MANATEE RIVER AT RYE, FL.

LOCATION.--Lat 27° 30'48", long 82° 22'02" (1927 North American datum), in SW$^{1}/_{4}$ sec.13, T.34 S., R.19 E., Manatee County, Hydrologic Unit 03100202, on downstream side of bridge on Rye Road, 0.5 mi east of Rye, 1.0 mi downstream from Manatee Dam, 2.0 mi north of State Highway 64, and 22 mi upstream from mouth.

DRAINAGE AREA.--137 mi^{2}.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--September 2000 to September 2003 (gage heights only); October 2003 to September 2004 (tidal high-high and low-low only). Records of gage heights prior to October 2000 not published but are available in files of the Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (U.S. Army Corps of Engineers).

REMARKS.--Interruptions in record were due to days in which a tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low. The extremes for periods published previously as maximum and minimum gage heights are equivalent to tidal high-high and low-low. Gage heights affected at times by releases from the Manatee Dam upstream.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 19.72 ft, June 21, 2003 (from high water mark); minimum, 1.60 ft below NGVD, Oct. 9, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.79 ft, Feb. 28; minimum, 1.00 ft below NGVD, Dec. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	2.47	1.00	2.33	-0.19	1.98	-0.55	1.35	-0.70	1.93	-0.28	---	---
2	2.25	0.95	2.27	-0.08	1.53	-0.57	1.23	-0.54	1.93	-0.28	2.35	1.98
3	2.10	0.12	2.13	-0.23	1.51	-0.63	1.22	-0.60	2.32	-0.62	1.37	0.89
4	1.99	-0.10	1.94	-0.06	1.21	-0.59	1.36	-0.40	1.44	-0.64	1.84	0.71
5	2.03	0.75	2.62	-0.26	1.11	-0.62	1.62	-0.55	1.88	-0.86	1.76	0.66
6	1.71	-0.34	1.03	-0.47	1.45	-0.15	1.80	-0.69	---	-0.79	1.87	0.64
7	0.98	-0.53	1.16	-0.06	1.86	-0.35	1.89	-0.73	2.57	-0.57	---	-0.42
8	1.61	-0.03	1.62	-0.10	1.61	-0.37	---	-0.76	2.77	-0.23	2.25	0.05
9	1.99	0.09	1.49	-0.27	1.12	-0.68	2.05	-0.83	2.96	-0.13	2.03	-0.45
10	2.01	0.22	1.15	-0.57	2.10	-0.45	2.01	-0.79	2.97	0.21	1.81	-0.39
11	2.49	0.73	1.85	-0.32	2.42	-0.18	2.22	-0.71	1.84	-0.50	1.88	0.64
12	3.45	0.38	2.62	-0.14	1.89	-0.75	2.46	-0.60	1.45	-0.39	1.69	0.59
13	2.40	0.34	3.12	-0.10	1.98	-0.76	2.28	-0.45	2.15	-0.16	1.70	-0.30
14	2.32	-0.03	2.58	-0.59	2.21	-0.71	2.36	0.03	1.85	0.11	1.51	-0.40
15	2.71	0.50	1.64	-0.69	0.75	-1.00	1.35	0.83	1.68	-0.05	1.46	-0.20
16	2.13	-0.33	2.08	-0.62	0.67	-0.93	1.23	0.85	1.83	-0.40	---	-0.62
17	2.19	0.64	2.17	-0.49	1.06	-0.72	0.89	-0.39	1.65	-0.29	---	---
18	2.24	-0.37	1.89	-0.40	1.19	-0.50	0.84	-0.84	1.37	-0.76	9.94	---
19	2.49	-0.28	1.72	-0.23	1.34	-0.29	2.03	-0.91	1.33	-0.96	---	2.16
20	2.31	-0.11	1.79	0.06	0.58	-0.81	1.96	-0.57	0.94	-0.91	3.83	0.22
21	2.31	-0.38	1.53	0.29	1.45	-0.74	2.16	-0.44	0.98	-0.71	3.88	0.85
22	1.55	-0.30	1.78	-0.04	2.01	-0.76	---	-0.48	1.74	-0.66	3.95	0.44
23	1.85	-0.24	2.04	-0.03	1.93	-0.43	2.62	-0.06	1.73	-0.65	1.88	-0.23
24	2.04	0.08	2.34	0.04	0.82	-0.63	0.93	-0.95	1.89	-0.44	1.96	-0.27
25	1.99	0.14	3.18	0.69	1.31	-0.85	1.73	-0.70	1.74	-0.53	1.62	-0.30
26	2.00	-0.15	1.90	-0.66	3.51	-0.52	2.07	-0.36	1.33	-0.64	1.75	-0.20
27	1.87	-0.26	1.85	-0.58	0.67	-0.90	2.19	-0.44	1.22	-0.52	1.99	-0.21
28	2.06	-0.33	2.84	-0.40	0.91	-0.96	1.83	-0.65	11.79	11.67	2.50	1.15
29	2.32	-0.27	1.68	-0.70	1.29	-0.81	1.26	-0.70	---	---	1.72	-0.15
30	2.40	-0.19	1.76	-0.67	1.47	0.03	1.99	0.30	---	---	1.77	-0.62
31	2.47	-0.23	---	---	1.56	-0.65	1.64	-0.09	---	---	2.09	-0.67
MAX	3.45	1.00	3.18	0.69	3.51	0.03	---	0.85	---	11.67	---	---
MIN	0.98	-0.53	1.03	-0.70	0.58	-1.00	---	-0.95	---	-0.96	---	---

023000095 MANATEE RIVER AT RYE, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	APRIL HIGH	APRIL LOW	MAY HIGH	MAY LOW	JUNE HIGH	JUNE LOW	JULY HIGH	JULY LOW	AUGUST HIGH	AUGUST LOW	SEPTEMBER HIGH	SEPTEMBER LOW
1	2.13	-0.40	3.43	-0.35	3.93	1.49	7.07	3.61	2.31	1.05	2.21	-0.40
2	2.60	-0.49	1.75	-0.30	5.49	2.79	3.65	1.79	2.19	-0.38	2.34	-0.22
3	1.29	-0.76	2.14	-0.51	3.24	2.02	2.50	0.88	2.23	1.29	2.03	-0.18
4	1.53	-0.80	4.47	1.60	2.50	2.18	2.11	-0.44	2.17	-0.51	1.68	-0.22
5	1.01	-0.67	2.34	0.84	5.73	---	2.53	0.83	3.59	---	1.40	-0.17
6	1.76	-0.42	2.21	0.42	3.50	2.56	2.64	-0.27	2.12	0.13	1.71	-0.15
7	1.74	-0.26	1.61	-0.58	2.40	1.36	2.39	0.61	2.96	2.18	1.83	-0.15
8	2.43	-0.18	2.19	-0.37	2.36	1.30	5.14	-0.33	4.43	1.03	1.81	-0.16
9	1.93	-0.44	2.36	0.29	4.71	3.19	---	0.94	3.91	2.49	1.76	-0.13
10	1.81	-0.18	2.49	-0.41	5.93	3.59	3.38	---	3.99	2.04	1.75	-0.36
11	2.11	-0.67	2.17	-0.42	9.57	---	2.20	0.46	2.48	1.93	1.76	-0.46
12	2.44	-0.41	2.17	-0.56	5.36	4.84	2.74	-0.18	2.47	0.62	1.88	-0.25
13	2.34	-0.25	1.67	-0.53	---	1.78	7.50	0.45	2.48	-0.11	2.55	-0.24
14	2.20	-0.42	2.14	-0.53	3.21	---	---	1.54	2.00	---	2.74	-0.10
15	1.05	-0.69	1.89	-0.37	1.57	0.09	4.72	3.06	---	---	2.54	-0.19
16	0.90	-0.92	1.56	-0.35	1.77	0.29	4.60	---	---	---	2.75	-0.04
17	1.15	-0.95	1.40	-0.41	2.12	0.15	---	2.22	2.44	0.30	2.40	-0.03
18	1.20	-0.80	1.29	-0.07	2.34	-0.20	4.63	---	2.77	-0.29	2.36	-0.05
19	1.57	-0.72	1.43	-0.27	2.13	-0.44	3.24	1.75	2.82	-0.19	1.91	-0.19
20	1.49	-0.48	1.90	-0.02	2.02	-0.57	3.14	2.15	2.74	0.32	1.60	-0.79
21	1.82	-0.17	2.18	-0.29	2.16	0.38	2.79	2.05	3.01	-0.15	2.32	-0.89
22	1.98	-0.09	2.00	-0.47	2.82	1.35	2.82	-0.25	2.19	-0.13	3.37	0.04
23	2.25	0.20	2.28	-0.49	2.69	0.72	2.67	1.05	1.87	-0.11	2.87	0.04
24	1.86	-0.46	2.68	---	2.39	-0.44	2.40	0.17	1.85	-0.17	2.37	-0.12
25	1.98	0.12	2.79	-0.35	2.62	-0.33	3.21	1.76	3.30	1.24	1.91	-0.19
26	2.46	-0.60	2.52	-0.60	2.31	0.08	1.75	0.09	---	-0.98	1.87	-0.03
27	4.54	---	2.59	-0.59	1.67	-0.23	1.66	-0.11	2.05	0.54	1.35	-0.09
28	1.77	-0.44	2.29	-0.51	6.58	0.32	2.58	0.29	2.72	0.04	1.88	-0.07
29	2.28	-0.66	1.86	-0.47	5.26	5.24	1.64	-0.34	2.43	-0.05	2.08	0.00
30	2.23	-0.48	1.87	-0.45	7.11	3.62	1.97	-0.03	2.39	-0.02	2.00	-0.14
31	---	---	2.08	-0.11	---	---	2.64	-0.43	2.19	-0.23	---	---
MAX	4.54	---	4.47	---	---	---	---	---	---	---	3.37	0.04
MIN	0.90	---	1.29	---	---	---	---	---	---	---	1.35	-0.89

023000095 MANATEE RIVER AT RYE, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--December 2000 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located near the surface and near the bottom.

REMARKS.--Specific conductance records good, temperature records excellent.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 8,220 microsiemens, May 31, 2002; bottom sensor maximum, 7,970 microsiemens, May 31, 2002; top sensor minimum, 65 microsiemens, July 8, 2003; bottom sensor minimum, 66 microsiemens, Aug. 23, 2004.

TEMPERATURE.--Top sensor maximum, 32.5° C, July 10, 2004, Aug. 17, 2005; bottom sensor maximum, 32.4° C, Aug. 17, 2005; top sensor minimum, 9.7° C, Jan. 5, 2001; bottom sensor minimum, 9.6° C, Jan. 5, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 788 microsiemens, Feb. 10; bottom sensor maximum, 789 microsiemens, Feb. 10; top sensor minimum, 66 microsiemens, June 14; bottom sensor minimum, 99 microsiemens, July 30.

TEMPERATURE.--Top sensor maximum, 32.5° C, Aug. 17; bottom sensor maximum, 32.4° C, Aug. 17; top sensor minimum, 12.4° C, Dec. 21; bottom sensor minimum, 12.4° C, Dec. 21.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	125	116	405	343	305	247	190	167	250	224	226	196
2	126	114	393	360	347	292	181	176	256	227	199	171
3	125	112	389	313	336	262	184	173	301	220	179	171
4	190	119	378	303	328	264	187	176	251	231	186	176
5	259	122	371	299	413	270	197	176	287	235	181	175
6	206	133	432	305	387	304	203	176	397	238	178	156
7	170	142	413	352	355	274	220	186	403	232	172	158
8	202	121	394	299	344	276	240	206	550	252	188	167
9	300	122	370	313	323	263	243	199	657	267	188	152
10	261	179	363	335	330	271	263	194	788	265	190	161
11	229	112	383	339	345	256	319	194	378	261	191	153
12	154	111	386	356	326	268	385	213	309	271	158	149
13	187	133	409	352	340	250	395	210	412	299	167	153
14	190	112	414	256	394	239	403	199	369	285	183	151
15	148	113	378	292	353	239	201	196	339	264	180	149
16	240	124	389	306	351	238	200	193	392	262	187	148
17	263	117	382	293	327	262	202	196	374	259	157	142
18	136	117	343	276	306	283	208	200	320	251	150	138
19	274	127	394	305	319	286	226	195	321	247	156	144
20	256	204	377	328	336	302	213	195	375	245	178	149
21	259	107	404	352	409	313	218	198	373	239	191	151
22	212	127	387	336	395	332	217	192	372	255	158	144
23	348	176	391	325	386	300	205	198	345	269	176	149
24	343	238	424	369	388	245	223	199	380	261	177	160
25	342	281	427	339	336	163	231	197	361	255	171	159
26	339	236	370	227	187	164	253	205	310	243	218	140
27	332	273	412	216	200	179	248	210	310	200	145	139
28	336	282	440	219	196	180	232	199	227	215	153	145
29	329	263	285	211	207	180	221	200	---	---	228	149
30	370	314	287	215	227	167	250	207	---	---	230	190
31	368	340	---	---	176	169	240	224	---	---	230	175
MONTH	370	107	440	211	413	163	403	167	788	200	230	138

023000095 MANATEE RIVER AT RYE, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	179	143	255	169	252	183	144	130	130	110	182	166
2	167	141	198	178	183	135	138	129	123	111	194	167
3	167	147	221	178	139	131	129	124	135	111	195	177
4	168	155	182	175	139	115	141	126	121	111	188	139
5	235	163	182	177	173	126	149	125	135	115	160	139
6	253	175	185	177	128	119	133	124	127	117	167	142
7	233	145	206	181	125	114	151	132	118	117	171	148
8	155	144	294	189	120	112	147	123	120	117	198	171
9	160	150	295	209	146	110	127	123	120	112	244	182
10	167	155	291	230	137	109	136	123	121	119	323	212
11	210	155	291	262	118	83	155	134	121	115	326	253
12	212	182	301	243	89	80	164	124	180	113	310	232
13	253	193	315	210	82	67	135	105	133	112	322	218
14	246	194	287	224	77	66	122	114	---	---	322	231
15	266	180	337	267	129	77	122	116	---	---	308	241
16	289	214	341	316	121	118	123	119	---	---	349	242
17	249	214	328	278	138	116	122	119	---	---	332	256
18	265	220	304	163	116	102	120	117	121	110	334	287
19	342	242	225	146	111	107	123	115	140	117	335	245
20	347	269	224	212	116	96	118	112	163	131	364	253
21	335	302	225	205	106	98	120	113	252	114	433	289
22	355	317	291	205	98	94	157	113	137	92	500	316
23	350	315	292	246	101	94	113	106	134	113	610	337
24	335	243	275	239	102	90	119	105	139	118	526	285
25	326	230	289	244	100	91	109	87	129	86	446	255
26	347	199	306	238	99	92	124	107	101	87	440	239
27	199	160	333	249	104	99	134	120	116	100	356	262
28	190	171	299	256	108	93	152	108	122	111	360	287
29	214	184	313	298	120	108	138	109	122	100	322	263
30	229	195	319	266	145	115	118	108	152	111	306	228
31	---	---	310	245	---	---	126	108	173	152	---	---
MONTH	355	141	341	146	252	66	164	87	---	---	610	139

023000095 MANATEE RIVER AT RYE, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	126	118	404	352	302	243	191	169	251	225	209	176
2	126	116	389	366	347	297	182	178	254	229	177	154
3	125	114	379	316	334	266	184	180	298	223	160	157
4	185	122	371	308	328	267	200	181	251	235	165	160
5	260	123	368	305	435	271	199	181	287	239	162	158
6	211	136	441	308	385	306	203	179	398	244	159	143
7	170	144	412	352	357	276	219	187	406	234	157	143
8	201	122	391	299	344	278	239	209	543	252	172	151
9	309	123	370	316	322	263	242	204	659	269	172	139
10	261	181	363	339	330	280	264	202	789	268	176	146
11	227	114	382	346	346	263	321	198	377	264	176	141
12	156	114	384	358	328	271	387	218	321	272	142	137
13	189	134	410	359	341	280	393	214	416	302	154	140
14	189	116	414	273	394	235	402	201	366	286	167	138
15	148	115	380	293	349	231	201	200	340	268	169	138
16	243	125	382	309	347	279	201	200	359	267	174	136
17	263	118	377	298	324	279	205	200	364	262	136	114
18	136	120	336	281	305	288	206	202	324	251	130	111
19	263	132	397	308	318	292	225	196	324	248	126	115
20	257	225	376	328	359	303	214	200	375	247	146	119
21	263	122	401	351	407	315	218	200	375	239	150	128
22	214	133	386	337	395	338	218	196	371	256	153	135
23	351	180	390	327	386	307	204	202	343	273	177	149
24	342	241	420	369	386	248	222	199	381	264	179	162
25	344	284	422	338	336	163	228	199	362	256	173	162
26	336	243	368	229	183	163	249	205	310	244	221	142
27	329	279	396	221	196	179	245	212	320	157	147	141
28	331	291	409	221	193	188	230	203	220	135	154	147
29	325	269	282	215	201	184	221	192	---	---	231	151
30	368	315	270	209	226	169	249	210	---	---	233	196
31	361	344	---	---	175	170	240	227	---	---	234	177
MONTH	368	114	441	209	435	163	402	169	789	135	234	111
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	182	145	239	169	266	224	145	131	120	101	252	199
2	173	146	225	195	231	210	138	130	117	102	258	202
3	171	149	235	178	226	210	130	125	133	110	243	203
4	171	157	185	176	288	203	141	127	120	110	228	149
5	237	166	200	183	252	226	---	---	134	115	178	146
6	256	177	203	183	232	227	---	---	127	117	180	149
7	235	147	210	194	250	232	---	---	120	117	189	155
8	157	145	240	210	262	244	---	---	122	111	211	172
9	165	153	258	218	257	232	---	---	116	112	258	184
10	172	158	269	240	242	218	---	---	119	116	338	210
11	212	157	279	264	218	188	---	---	119	111	326	292
12	213	186	283	254	202	191	---	---	128	110	313	264
13	255	196	299	228	191	159	---	---	133	110	316	256
14	244	198	245	231	170	156	122	115	---	---	310	243
15	265	184	283	243	175	168	121	116	---	---	338	256
16	296	252	330	273	178	169	123	116	---	---	344	240
17	286	216	321	292	224	162	121	117	---	---	328	252
18	273	225	300	197	162	156	119	115	119	107	329	286
19	336	242	231	183	166	160	121	113	137	114	330	245
20	345	269	244	220	192	152	116	110	160	129	361	251
21	337	310	236	218	176	153	125	112	250	111	429	288
22	359	315	259	215	153	149	143	111	159	112	496	311
23	350	322	273	248	156	149	114	105	169	150	609	336
24	336	259	269	257	168	149	117	103	175	125	521	285
25	323	238	285	261	166	149	109	103	154	109	444	256
26	339	202	299	255	159	150	121	104	124	109	435	238
27	202	164	326	258	173	154	137	121	161	117	359	263
28	226	186	286	261	---	147	134	102	165	133	354	288
29	266	197	313	276	---	---	123	104	172	136	314	270
30	220	200	314	285	---	---	111	99	269	140	304	232
31	---	---	295	247	---	---	116	100	256	218	---	---
MONTH	359	145	330	169	---	---	---	---	---	---	609	146

023000095 MANATEE RIVER AT RYE, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	28.1	26.0	25.7	23.9	22.4	20.4	19.2	17.2	18.9	17.3	20.8	20.2
2	28.7	27.3	26.3	24.5	22.0	21.1	18.8	16.8	18.8	17.6	20.5	19.4
3	29.1	27.3	26.9	24.6	21.5	20.3	19.3	17.4	19.7	18.4	19.4	18.5
4	28.7	26.7	26.9	24.5	20.5	18.5	19.7	17.8	19.7	17.8	19.7	18.1
5	29.0	26.7	26.3	24.7	19.3	17.3	19.4	18.3	18.1	15.5	19.8	17.7
6	29.1	26.9	24.9	20.9	20.2	17.9	19.6	18.8	18.5	16.1	19.7	17.8
7	28.3	26.6	22.7	21.3	21.1	19.1	20.2	19.1	19.0	16.7	20.1	18.1
8	27.4	26.1	22.0	20.6	21.7	19.8	21.2	19.6	19.3	17.2	20.5	19.0
9	27.6	26.4	21.3	19.6	21.8	20.6	21.8	19.7	19.7	17.6	19.2	17.7
10	26.8	26.3	21.5	20.5	22.4	21.4	21.6	19.5	20.1	18.3	19.5	17.4
11	26.5	25.8	21.9	20.7	22.1	20.8	21.7	19.2	18.8	16.7	19.4	17.6
12	26.9	25.9	22.4	21.2	20.8	18.1	21.8	19.4	17.0	14.7	19.5	17.5
13	26.7	25.3	22.8	21.5	19.3	16.5	21.8	20.2	17.5	14.6	19.6	17.0
14	26.7	24.8	23.0	21.7	19.3	17.1	22.2	19.9	17.9	15.7	21.2	18.6
15	25.7	24.4	22.2	21.2	17.6	13.2	20.4	19.8	18.7	17.1	20.4	19.1
16	24.5	22.0	22.3	20.8	15.9	13.1	19.8	18.8	19.7	18.3	22.7	20.4
17	25.9	22.0	22.1	20.1	16.3	14.1	19.0	17.9	19.9	19.0	21.1	20.7
18	25.9	24.0	22.1	20.0	17.7	15.0	17.9	15.1	20.3	18.6	20.7	20.2
19	26.4	24.3	21.6	19.5	17.5	16.2	16.5	14.6	19.9	17.4	20.5	19.7
20	27.5	25.1	21.8	20.0	16.6	14.6	16.4	15.7	20.0	17.5	21.8	19.2
21	27.1	25.2	21.9	20.6	14.6	12.4	16.5	15.5	20.4	18.2	21.2	20.2
22	26.4	25.7	22.1	20.6	15.7	13.2	17.9	15.9	21.1	19.5	22.2	20.6
23	25.8	24.4	22.3	21.1	16.3	15.0	17.3	16.2	22.1	20.5	22.1	21.1
24	25.5	23.8	22.7	21.7	16.9	16.0	16.2	13.4	22.4	21.1	22.4	20.6
25	25.1	23.4	23.1	22.2	16.5	14.1	15.2	12.8	22.4	21.7	24.0	21.5
26	25.0	23.9	22.4	20.6	16.2	14.8	15.5	13.5	22.3	21.3	25.3	22.8
27	24.6	23.0	21.7	19.4	15.1	13.0	18.0	15.0	21.8	20.6	24.8	22.9
28	24.2	23.0	21.8	19.8	16.1	13.5	18.6	16.4	20.8	20.4	24.6	23.3
29	24.4	23.2	21.8	19.6	16.4	14.4	18.6	17.1	---	---	24.3	21.4
30	24.9	23.6	21.9	19.5	16.9	14.8	19.0	17.7	---	---	23.3	21.5
31	25.6	24.0	---	---	17.8	16.3	18.8	17.5	---	---	24.4	22.7
MONTH	29.1	22.0	26.9	19.4	22.4	12.4	22.2	12.8	22.4	14.6	25.3	17.0
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.9	22.8	25.0	23.5	28.4	27.4	28.4	27.2	31.3	28.1	29.8	28.7
2	24.4	21.9	25.4	23.8	28.2	26.6	28.6	27.5	31.1	29.5	29.4	28.1
3	23.6	20.5	25.9	24.2	27.7	27.1	29.4	27.8	31.3	29.4	29.5	27.4
4	22.5	20.2	25.5	24.5	27.1	26.2	30.3	27.8	31.2	28.8	29.6	27.9
5	22.9	20.5	25.0	24.1	27.8	26.3	30.9	27.6	31.1	29.5	29.5	28.0
6	23.8	21.5	25.2	23.9	27.4	26.3	31.8	29.4	31.3	29.4	29.7	27.7
7	23.6	22.3	26.3	23.4	28.1	26.0	31.8	29.9	30.5	29.6	29.9	28.1
8	24.7	22.9	26.0	23.3	30.1	26.4	32.0	29.0	30.4	29.6	29.2	28.2
9	24.4	22.5	26.2	23.7	29.0	27.6	31.4	28.5	30.3	29.6	29.8	27.7
10	24.7	22.4	26.0	24.6	28.5	26.4	28.5	27.8	30.4	29.2	30.7	27.3
11	24.6	23.1	25.9	24.2	27.5	26.0	28.3	27.3	30.4	29.0	31.1	28.3
12	24.8	23.5	26.2	24.5	27.6	27.2	29.5	27.1	30.6	28.9	30.4	28.6
13	25.6	23.6	26.4	24.6	29.2	27.2	29.3	27.1	31.4	29.3	29.5	28.2
14	24.9	23.2	25.9	24.9	29.2	28.0	29.3	27.6	---	---	29.4	27.8
15	24.1	21.4	26.6	24.8	28.8	27.4	29.3	27.9	---	---	29.3	27.7
16	23.6	20.1	26.9	25.0	29.8	27.4	30.3	28.5	---	---	29.3	27.2
17	22.8	20.0	28.2	25.6	29.5	27.4	30.7	28.8	32.5	---	29.1	26.4
18	23.1	20.3	27.2	23.8	29.7	27.3	30.8	29.6	30.5	28.9	29.2	26.8
19	22.8	20.9	28.1	25.5	30.3	28.0	30.3	29.4	30.9	28.9	29.4	27.3
20	23.6	21.6	28.5	25.7	29.6	27.6	30.7	29.4	31.2	28.9	28.4	27.1
21	23.6	21.6	28.8	26.3	29.0	27.6	31.2	29.4	30.9	28.7	28.7	26.2
22	23.6	21.5	28.1	25.7	29.0	28.3	30.8	28.4	31.0	28.8	28.5	27.0
23	24.0	22.0	28.2	26.2	28.7	27.9	30.2	28.4	30.6	28.3	27.7	27.0
24	23.7	21.9	28.2	26.7	29.5	26.6	30.5	28.4	31.5	28.8	29.4	27.0
25	23.5	21.1	28.9	27.1	28.8	27.8	31.1	29.1	30.9	29.6	29.6	27.6
26	23.2	21.7	27.9	26.8	29.1	27.4	30.9	29.7	30.5	29.4	29.5	27.9
27	24.2	22.2	27.9	26.1	29.2	28.0	31.1	29.0	29.8	28.6	28.9	27.7
28	24.3	21.7	28.3	26.6	29.7	28.1	30.9	29.6	30.1	28.5	28.6	26.9
29	24.5	22.5	28.8	26.9	29.2	28.7	31.1	29.0	30.6	28.9	28.3	26.4
30	25.1	23.5	29.6	27.5	28.8	28.0	32.0	29.7	30.6	29.6	28.1	25.7
31	---	---	29.3	26.1	---	---	31.4	30.2	30.7	29.6	---	---
MONTH	25.6	20.0	29.6	23.3	30.3	26.0	32.0	27.1	---	---	31.1	25.7

023000095 MANATEE RIVER AT RYE, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	28.0	25.9	25.3	23.8	21.9	20.3	18.9	17.0	18.7	17.2	20.7	20.1
2	28.6	27.1	25.9	24.3	21.7	20.9	18.2	16.7	18.7	17.5	20.4	19.3
3	28.9	27.2	26.4	24.5	21.4	20.1	18.7	17.3	19.6	18.3	19.3	18.4
4	28.5	26.5	26.4	24.3	20.4	18.3	19.0	17.7	19.6	17.8	19.5	18.0
5	28.9	26.6	26.2	24.6	19.0	17.0	19.1	18.2	18.0	15.4	19.7	17.6
6	28.9	26.7	24.8	20.5	20.0	17.8	19.4	18.7	18.4	16.0	19.6	17.7
7	28.2	26.5	22.5	21.2	21.0	19.0	20.1	19.0	18.9	16.6	19.5	18.0
8	27.3	26.0	21.9	20.5	21.6	19.7	21.1	19.5	19.2	17.1	20.4	18.9
9	27.5	26.1	21.2	19.5	21.7	20.5	21.2	19.6	19.6	17.5	19.1	17.6
10	26.7	26.1	21.4	20.4	22.3	21.3	21.5	19.4	20.0	18.2	19.3	17.3
11	26.4	25.7	21.8	20.6	22.0	20.7	21.6	19.1	18.7	16.6	19.3	17.5
12	26.7	25.8	22.3	21.0	20.7	18.0	21.6	19.3	16.9	14.5	19.4	17.4
13	26.5	25.2	22.7	21.4	18.9	16.4	21.6	20.1	17.4	14.5	19.5	16.8
14	26.6	24.7	22.8	21.6	19.2	17.0	22.1	19.7	17.7	15.6	21.1	18.5
15	25.6	24.3	22.1	21.0	17.5	13.1	20.3	19.7	18.6	17.0	20.3	19.0
16	24.3	21.9	22.1	20.7	14.5	12.9	19.7	18.7	19.1	18.2	22.5	20.2
17	25.8	21.9	21.8	20.0	16.0	14.0	18.9	17.8	19.7	18.9	21.0	20.6
18	25.4	23.9	21.8	19.8	17.5	14.9	17.8	14.9	20.1	18.5	20.6	20.1
19	26.1	24.2	21.5	19.2	17.3	16.1	16.4	14.5	19.3	17.2	20.4	19.6
20	27.3	25.0	21.7	19.9	16.5	14.5	16.3	15.5	19.9	17.4	21.3	19.2
21	27.0	25.1	21.8	20.5	14.5	12.4	16.4	15.4	20.3	18.1	21.0	20.2
22	26.3	25.6	21.9	20.5	15.6	13.1	17.8	15.8	21.0	19.3	22.2	20.5
23	25.7	24.3	22.2	21.0	16.2	14.9	17.2	16.1	21.9	20.4	22.1	21.1
24	25.3	23.7	22.6	21.6	16.8	15.9	16.1	13.2	22.3	21.0	22.4	20.6
25	25.0	23.3	22.9	22.1	16.4	14.0	15.1	12.7	22.3	21.6	24.0	21.5
26	24.8	23.7	22.3	20.4	16.1	14.6	15.4	13.4	22.2	21.1	25.3	22.8
27	24.5	22.9	21.6	19.3	14.6	12.9	17.2	14.9	21.7	20.5	24.8	22.9
28	24.1	22.9	21.7	19.7	15.0	13.4	18.3	16.2	20.7	20.3	24.6	23.3
29	24.3	23.1	20.7	19.5	15.6	14.3	18.3	17.0	---	---	24.1	21.2
30	24.7	23.5	20.8	19.4	16.7	14.7	18.9	17.6	---	---	23.2	21.5
31	25.1	23.9	---	---	17.3	16.2	18.7	17.4	---	---	24.3	22.7
MONTH	28.9	21.9	26.4	19.2	22.3	12.4	22.1	12.7	22.3	14.5	25.3	16.8
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.1	22.8	24.6	23.6	28.3	27.4	28.4	27.1	31.3	28.2	29.8	28.8
2	24.4	22.0	24.7	24.0	28.1	26.8	28.4	27.3	31.1	29.5	29.4	28.2
3	22.4	20.5	25.6	24.3	27.7	27.1	29.3	27.6	31.3	29.4	29.5	27.4
4	21.7	20.1	25.5	24.5	27.1	26.4	30.1	27.7	31.2	28.8	29.6	28.0
5	22.5	20.5	24.6	24.2	27.2	26.4	---	27.3	31.1	29.5	29.4	28.1
6	23.5	21.6	24.7	24.0	27.2	26.7	---	---	31.3	29.5	29.6	27.8
7	23.6	22.3	25.3	23.6	26.7	26.3	---	---	30.6	29.6	29.8	28.3
8	24.7	22.9	25.2	24.1	27.0	26.4	---	---	30.5	29.6	29.2	28.3
9	24.3	22.5	25.5	24.3	28.8	27.0	---	---	30.3	29.6	29.4	27.9
10	24.5	22.1	25.4	24.8	28.4	26.9	---	---	30.4	29.3	30.3	27.6
11	24.6	23.1	25.4	24.4	27.4	26.1	---	---	30.4	29.0	31.0	28.4
12	24.7	23.5	25.5	24.6	27.6	27.2	---	---	30.6	28.9	30.3	28.7
13	24.9	23.4	25.6	24.8	29.2	27.2	---	27.1	31.4	29.3	29.4	28.3
14	24.4	23.4	25.4	24.9	29.1	28.0	29.3	27.7	---	---	29.4	27.9
15	24.1	21.7	25.6	25.0	28.7	27.4	29.4	27.9	---	---	29.2	27.9
16	21.8	20.6	25.9	25.1	29.7	27.4	30.4	28.5	---	---	29.3	27.4
17	21.8	20.5	27.0	25.7	29.4	27.4	30.7	28.8	32.4	---	29.0	26.5
18	22.0	20.4	26.8	24.8	29.7	27.3	30.8	29.7	30.5	28.9	29.2	26.9
19	22.4	21.1	27.4	25.7	30.3	28.0	30.3	29.5	30.9	28.9	29.4	27.4
20	23.2	21.7	27.5	26.2	29.5	27.6	30.7	29.4	31.2	28.9	28.4	27.2
21	23.6	21.8	27.8	26.6	28.9	27.6	31.2	29.4	30.9	28.8	28.7	26.3
22	23.6	21.6	27.7	26.5	29.0	28.3	30.8	28.3	31.0	29.0	28.5	27.1
23	23.9	22.1	27.5	26.6	28.6	27.9	30.3	28.4	30.6	28.4	27.8	27.0
24	23.6	22.1	27.5	26.9	29.5	26.6	30.5	28.4	31.2	28.9	29.3	27.0
25	23.4	21.3	28.0	27.2	28.7	27.8	31.2	29.2	31.0	29.7	29.6	27.6
26	23.1	21.7	27.8	27.0	29.0	27.5	31.0	29.8	30.5	29.5	29.5	27.9
27	23.6	22.2	27.3	26.5	29.1	28.0	31.0	29.0	29.9	28.7	28.9	27.5
28	23.6	21.9	27.6	26.8	29.7	28.1	31.0	29.6	30.1	28.5	28.4	27.0
29	23.8	22.7	27.9	27.1	29.2	28.7	31.1	28.9	30.5	28.9	28.3	26.4
30	24.5	23.6	28.7	27.6	28.8	28.1	32.1	29.7	30.5	29.6	28.1	25.8
31	---	---	28.7	26.9	---	---	31.4	30.3	30.6	29.7	---	---
MONTH	24.9	20.1	28.7	23.6	30.3	26.1	---	---	---	---	31.0	25.8

02300018 GAMBLE CREEK NEAR PARRISH, FL.

LOCATION.--Lat 27° 33'11", long 82° 23'23" (1927 North American datum), in NE$^{1}/_{4}$ sec.3, T.34 S., R.19 E., Manatee County, Hydrologic Unit 03100202, on downstream side of bridge on Golf Course Road, 0.2 mi downstream from Frye Canal, 3.0 mi southeast of Parrish, and 5.7 mi above mouth.

DRAINAGE AREA.--50.6 mi^2.

PERIOD OF RECORD.--February 1962 to September 1993 (gage height and discharge measurements only); October 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (Manatee County bench mark). Previously published as 7.52 ft below National Geodetic Vertical Datum of 1929 in error.

REMARKS.--Records fair except those for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	128	e12	e18	42	15	366	28	e37	e54	423	e56	20
2	81	e12	e16	35	e14	293	38	44	165	283	48	22
3	58	e11	e15	38	16	137	42	36	155	177	42	38
4	47	e11	e14	26	16	95	31	40	164	112	35	31
5	38	14	e12	27	18	72	25	51	286	e84	30	23
6	37	15	e11	e25	24	47	23	43	273	e74	28	21
7	34	15	e10	e24	23	34	23	33	232	e63	26	19
8	27	17	8.6	e23	17	27	27	26	222	e56	28	18
9	25	13	10	e23	16	27	25	e23	182	122	39	16
10	21	12	8.5	e22	22	54	22	e20	266	288	35	15
11	e22	13	8.9	e22	20	51	e21	e19	588	375	31	16
12	38	11	8.8	e21	20	35	e20	e17	637	489	57	16
13	42	13	8.2	e20	23	24	21	e16	583	397	125	15
14	30	12	8.8	e150	19	21	e20	e16	398	355	58	16
15	e23	8.5	10	222	17	18	e19	e15	198	394	39	16
16	21	8.5	13	158	18	17	e18	e15	165	410	31	e15
17	19	e8.9	14	93	24	358	e18	e16	108	390	90	e13
18	20	e8.7	13	58	21	616	e17	e18	e67	300	103	e12
19	19	10	13	39	14	645	e16	e16	e49	174	81	e11
20	19	10	12	30	14	452	e16	e18	e36	129	43	11
21	17	7.6	12	26	13	198	e16	e20	e40	137	35	14
22	14	9.0	13	23	e13	94	e15	e16	259	e100	34	17
23	e15	9.8	9.4	23	13	65	e15	e14	189	e91	68	14
24	15	9.1	7.3	22	17	57	e14	e12	150	e93	149	11
25	e15	27	66	23	17	50	e14	e11	106	129	61	9.4
26	e14	30	185	20	13	41	e13	e10	85	90	40	8.2
27	e14	16	158	20	142	34	e45	e9.6	e74	e75	31	10
28	e13	54	118	18	361	28	44	e8.8	e126	e70	30	15
29	e13	46	77	16	---	24	30	e8.6	352	126	26	22
30	e13	e24	55	17	---	22	e26	e8.5	429	111	23	23
31	e12	---	45	16	---	25	---	e8.2	---	e79	23	---
TOTAL	904	468.1	978.5	1,322	960	4,027	702	645.7	6,638	6,196	1,545	507.6
MEAN	29.2	15.6	31.6	42.6	34.3	130	23.4	20.8	221	200	49.8	16.9
MAX	128	54	185	222	361	645	45	51	637	489	149	38
MIN	12	7.6	7.3	16	13	17	13	8.2	36	56	23	8.2
CFSM	0.58	0.31	0.62	0.84	0.68	2.57	0.46	0.41	4.37	3.95	0.98	0.33
IN.	0.66	0.34	0.72	0.97	0.71	2.96	0.52	0.47	4.88	4.56	1.14	0.37

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2005, BY WATER YEAR (WY)

MEAN	28.4	20.9	54.4	53.1	38.2	52.6	32.7	12.6	166	154	212	298
MAX	57.5	47.3	200	182	67.2	130	56.3	20.8	467	254	533	625
(WY)	(2004)	(2003)	(2003)	(2003)	(2004)	(2005)	(2003)	(2005)	(2003)	(2001)	(2003)	(2001)
MIN	15.5	10.0	5.46	7.07	17.7	22.7	16.1	5.54	23.9	82.1	49.8	16.9
(WY)	(2001)	(2001)	(2001)	(2001)	(2001)	(2004)	(2002)	(2004)	(2001)	(2002)	(2005)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2001 - 2005	
ANNUAL TOTAL	30,622.8		24,893.9			
ANNUAL MEAN	83.7		68.2		93.7	
HIGHEST ANNUAL MEAN					169	2003
LOWEST ANNUAL MEAN					45.5	2002
HIGHEST DAILY MEAN	1,600	Sep 7	645	Mar 19	5,430	Sep 15, 2001
LOWEST DAILY MEAN	1.8	Jun 4	7.3	Dec 24	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	2.3	May 29	8.8	Dec 8	0.25	Jun 14, 2001
MAXIMUM PEAK FLOW			773	Jun 11	6,660	Sep 15, 2001
MAXIMUM PEAK STAGE			12.02	Jun 11	17.33	Sep 15, 2001
ANNUAL RUNOFF (CFSM)	1.65		1.35		1.85	
ANNUAL RUNOFF (INCHES)	22.51		18.30		25.16	
10 PERCENT EXCEEDS	238		179		233	
50 PERCENT EXCEEDS	16		23		22	
90 PERCENT EXCEEDS	6.7		11		7.4	

e Estimated

02300021 MANATEE RIVER AT FORT HAMER, FL.

LOCATION.--Lat 27° 31'05", long 82° 25'42" (1927 North American datum), in SW$^{1}/_{4}$ sec.17, T.34 S., R.19 E., Manatee County, Hydrologic Unit 03100202, on left bank, on private dock on Upper Manatee River Road, 0.5 mi south of Fort Hamer, and 15 mi upstream from mouth.

DRAINAGE AREA.--216 mi^2.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--March 1997 to September 1998 (gage heights only); January 2001 to September 2003 (gage heights only); October 2003 to current year (tidal high-high and low-low).

REVISED RECORDS.--WRD FL-03-3A: Tidal high-high and low-low for Sept. 19-30 is in error. Corrected data are available in files of the Geologocal Survey. WRD FL-04-3A: Tidal high-high and low-low for 2004 is in error. Corrected data for 2004 published below.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Jan. 24, 2001, at datum 7.25 ft lower.

REMARKS.--Interruptions in record were due to days in which a tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low. The extremes for periods published previously as maximum and minimum gage heights are equivalent to tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 5.88 ft, Sept. 26, 2004; minimum, 1.84 ft below NGVD of 1929, Dec. 15, 2004.

EXTREMES FOR WATER YEAR 2004.--Maximum gage height, 5.88 ft, Sept. 26; minimum, 1.43 ft below NGVD of 1929, Jan. 7.

EXTREMES FOR WATER YEAR 2005.--Maximum gage height, 3.60 ft, Dec. 26; minimum, 1.84 ft below NGVD of 1929, Dec. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	2.24		0.05		1.78		-0.68		0.87		-0.44		1.36		-0.46		1.49		-0.73		1.69		-0.64	
2	2.17		-0.16		1.62		-0.36		0.71		-0.79		1.57		-0.69		1.67		-0.98		1.56		-0.80	
3	2.28		-0.12		1.37		-0.27		0.74		-0.39		1.84		-0.74		---		-1.03		1.69		-0.98	
4	2.40		-0.07		2.20		0.35		2.07		-0.19		2.19		-0.67		1.67		-1.07		---		-0.70	
5	2.03		-0.16		1.99		0.35		1.73		-0.14		---		-0.60		1.79		-0.89		1.92		-0.57	
6	2.19		0.05		2.01		0.15		1.20		-0.58		2.17		-0.72		1.90		-0.73		2.11		-0.40	
7	2.51		0.51		2.04		-0.02		---		-1.04		1.75		-1.43		2.34		-0.34		1.74		-0.61	
8	2.19		0.28		2.22		-0.27		1.77		-0.76		1.33		-1.09		1.16		-1.40		1.72		-0.66	
9	2.19		0.18		2.13		-0.48		1.84		-0.81		2.23		-0.44		1.03		-0.96		1.58		-0.61	
10	2.14		0.05		1.44		-0.92		2.23		-0.39		2.97		-0.51		1.39		-0.52		1.72		-0.27	
11	2.19		-0.02		2.04		-0.62		2.67		-0.35		1.27		-1.23		1.56		-0.38		1.58		-1.00	
12	2.38		0.07		2.31		-0.34		2.00		-0.72		1.20		-0.72		1.72		-0.50		1.99		-0.82	
13	2.17		-0.09		2.57		-0.06		1.66		-0.53		1.40		-0.44		1.56		-0.57		1.65		-0.70	
14	2.26		0.21		1.81		-0.75		2.23		0.27		1.63		-0.26		2.32		-0.77		1.88		-1.05	
15	2.42		-0.25		2.06		-0.15		---		-0.88		1.54		0.07		1.99		-0.52		2.09		-0.91	
16	1.61		-0.53		2.11		-0.11		1.47		-0.35		1.84		-0.42		1.46		-1.14		2.22		-0.59	
17	1.96		-0.02		1.52		-0.33		2.19		---		2.36		-0.63		1.65		-1.17		---		-0.40	
18	2.15		-0.11		2.14		0.39		1.70		-0.60		2.64		-0.24		---		-1.40		1.74		-0.77	
19	1.90		-0.09		2.63		0.85		1.54		-0.42		---		-0.57		0.98		-1.30		1.91		-0.58	
20	1.78		-0.36		1.84		-0.21		1.40		-0.83		2.43		-0.94		1.97		-0.70		1.59		-0.48	
21	2.01		0.10		2.07		-0.19		1.70		-1.27		1.92		-1.03		2.29		-0.43		1.73		-0.37	
22	2.11		0.15		---		-0.53		---		-1.25		2.11		-0.89		2.09		-0.38		1.78		-0.78	
23	2.18		0.28		2.30		-0.51		2.17		-0.90		1.99		-0.84		1.49		-0.45		0.74		-1.01	
24	2.06		-0.04		2.63		-0.49		2.67		-0.67		1.74		-0.75		2.02		---		0.74		---	
25	2.01		-0.41		2.86		-0.51		2.33		-0.88		1.76		-0.45		2.43		-0.08		1.48		-0.97	
26	2.18		-0.50		2.70		-0.65		1.82		-1.06		1.67		-0.20		1.99		0.56		1.45		-0.88	
27	2.54		-0.34		2.60		-0.42		1.52		-0.93		1.74		0.38		0.98		0.06		1.55		-0.78	
28	3.05		0.01		2.51		-0.39		1.54		-0.58		0.77		-0.75		1.37		-1.24		1.96		-0.65	
29	3.07		-0.52		---		-1.39		1.50		-0.26		1.35		-0.94		1.28		-1.10		1.68		-0.65	
30	2.15		-0.80		0.99		-0.83		1.61		0.23		1.05		-0.47		---		---		1.75		-0.92	
31	1.32		-0.94		---		---		1.38		0.14		1.09		-0.96		---		---		2.28		-0.41	
MAX	3.07		0.51		---		0.85		---		---		---		0.38		---		---		---		---	
MIN	1.32		-0.94		---		-1.39		---		---		---		-1.43		---		---		---		---	

02300021 MANATEE RIVER AT FORT HAMER, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	1.57		-0.25		1.59		-0.37		2.48		-0.33		2.48		-0.66		2.96		-0.11		1.83		-0.14	
2	---		-0.58		2.01		0.07		2.55		-0.49		2.62		-0.66		2.54		-0.07		1.50		-0.39	
3	2.15		-0.32		2.15		-0.30		2.71		-0.72		2.74		---		2.79		0.63		1.71		-0.32	
4	1.71		-0.16		1.55		-0.83		2.74		---		2.62		-0.66		2.29		0.86		1.59		-0.37	
5	1.78		-0.37		1.89		-0.88		2.90		-0.68		2.48		-0.52		1.87		0.44		2.73		1.04	
6	1.87		-0.46		2.19		---		2.55		-0.49		2.07		-0.36		2.15		0.60		3.95		2.13	
7	2.15		-0.41		2.35		-0.88		2.50		-0.52		1.67		-0.45		1.96		0.30		2.70		1.32	
8	2.63		---		2.47		-0.83		2.14		-0.42		1.51		-0.13		1.89		0.40		2.13		0.70	
9	2.51		-0.32		2.47		-0.67		1.77		-0.36		1.37		0.08		1.64		-0.04		2.10		0.86	
10	2.17		-0.48		2.08		-0.67		1.56		-0.06		1.51		-0.26		1.55		-0.07		1.94		0.76	
11	2.65		-0.69		1.75		-0.58		1.63		0.31		1.70		-0.19		1.89		-0.23		1.99		0.12	
12	2.35		-0.12		1.80		-0.46		1.74		0.06		1.63		-0.49		2.36		-0.04		1.94		0.00	
13	2.35		-0.25		1.41		-0.23		1.84		-0.24		1.97		-0.31		2.26		0.12		1.85		0.07	
14	1.27		-0.67		1.13		-0.25		2.07		-0.24		2.16		-0.36		2.61		0.56		2.01		0.14	
15	1.08		-1.11		1.50		-0.09		2.18		-0.29		2.39		-0.45		2.52		0.63		3.35		1.00	
16	0.67		-0.88		1.31		-0.53		2.09		-0.54		2.34		-0.45		2.29		0.05		2.54		0.49	
17	0.95		-0.71		1.59		-0.58		2.16		-0.75		2.60		-0.36		2.15		0.10		2.26		0.07	
18	1.11		-0.83		1.78		-0.65		2.23		-0.59		2.85		-0.06		2.19		-0.09		2.10		-0.34	
19	1.52		-0.71		2.14		-0.33		2.37		-0.52		2.61		---		1.94		0.07		2.21		-0.61	
20	1.61		-0.58		2.23		-0.45		2.37		---		2.13		0.19		1.73		0.10		1.86		-0.56	
21	2.10		-0.41		2.11		-0.52		2.39		-0.49		1.87		0.28		1.87		-0.07		1.68		-1.14	
22	2.01		---		2.46		---		2.11		-0.33		1.59		-0.20		1.99		-0.14		2.00		-0.54	
23	1.78		-0.67		2.37		-0.36		1.88		-0.47		1.64		-0.20		2.08		-0.16		2.14		-0.44	
24	1.80		-0.85		2.11		-0.42		1.47		-0.29		1.57		-0.07		2.13		-0.39		2.12		-0.38	
25	1.89		-0.78		1.90		-0.47		1.56		-0.17		1.66		-0.30		2.01		-0.67		2.39		0.02	
26	1.71		-0.53		1.74		-0.59		1.49		-0.03		1.76		-0.25		2.19		-0.53		5.88		---	
27	1.43		-0.37		1.33		-0.47		1.70		-0.24		2.15		-0.34		2.36		-0.55		---		---	
28	1.18		-0.88		1.49		-0.24		1.74		-0.52		2.15		-0.09		2.40		-0.39		---		---	
29	0.92		-0.88		1.51		-0.13		2.16		-0.49		2.29		-0.32		2.56		-0.20		---		---	
30	1.59		-0.65		2.00		0.01		2.27		-0.72		2.49		-0.39		2.40		-0.23		1.95		-0.28	
31	---		---		2.20		-0.24		---		---		2.77		-0.34		2.17		-0.11		---		---	
MAX	---		---		2.47		---		2.90		---		2.85		---		2.96		0.86		---		---	
MIN	---		---		1.13		---		1.47		---		1.37		---		1.55		-0.67		---		---	

02300021 MANATEE RIVER AT FORT HAMER, FL.---Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	2.25		-0.33		2.42		-0.17		2.07		-0.65		1.23		-0.75		2.06		-0.11		1.66		0.69	
2	2.05		-0.38		2.40		0.04		1.65		-0.58		1.35		-0.49		2.06		-0.11		1.43		-0.28	
3	1.88		-0.44		2.23		-0.14		1.58		-0.70		1.33		-0.52		2.48		-0.50		1.15		-0.67	
4	2.02		-0.17		2.05		0.07		1.31		-0.58		1.49		-0.29		1.62		-0.59		1.75		-0.97	
5	1.86		-0.24		2.69		-0.18		1.21		-0.63		1.74		-0.49		2.04		-0.94		1.63		-1.09	
6	1.70		-0.40		1.32		-0.43		1.54		-0.03		1.93		-0.75		2.78		-0.87		1.80		-1.00	
7	1.40		-0.74		1.72		0.06		1.93		-0.26		2.02		-0.86		---		-0.59		---		-0.87	
8	1.68		-0.19		1.55		0.01		1.70		-0.35		2.16		-0.96		2.96		-0.20		2.34		0.08	
9	2.07		0.11		1.49		-0.22		---		-0.81		---		-1.14		3.15		-0.06		1.71		-0.87	
10	2.05		0.27		1.23		-0.68		2.21		-0.49		2.13		-1.05		3.15		0.31		1.76		-0.80	
11	2.51		0.13		1.95		-0.32		2.53		-0.17		2.34		-0.91		2.02		-0.47		1.92		-0.22	
12	2.21		0.34		2.70		-0.14		1.98		-1.36		2.60		-0.68		1.62		-0.29		1.60		-0.52	
13	2.37		0.36		3.21		-0.19		2.10		-1.06		2.43		-0.43		2.32		0.29		1.81		-0.50	
14	2.21		-0.12		2.65		-0.92		2.33		-1.01		2.53		-0.26		2.04		0.31		1.62		0.05	
15	2.53		0.39		1.73		-1.25		0.86		-1.84		0.95		-0.76		1.90		0.17		1.57		-0.78	
16	2.16		-0.58		2.17		-0.83		0.81		-1.34		0.71		-0.51		2.02		-0.22		2.27		-0.78	
17	2.23		-0.56		2.26		-0.54		1.18		-0.78		0.90		-0.83		2.02		-0.08		2.04		-0.06	
18	2.30		-0.51		1.97		-0.33		1.29		-0.44		0.95		-0.99		1.56		-0.63		1.46		0.81	
19	2.55		-0.35		1.81		-0.13		1.46		-0.18		1.78		-1.18		1.52		-1.00		1.23		-0.18	
20	2.42		-0.15		1.88		0.20		0.69		-0.80		2.05		-0.88		1.89		-0.93		1.78		-0.48	
21	2.18		-0.40		1.88		0.43		1.57		-0.85		2.28		-0.39		---		-0.65		1.90		-0.32	
22	1.65		-0.44		2.16		0.08		2.15		-0.87		---		-0.48		1.96		-0.60		---		-0.20	
23	1.92		-0.22		1.90		0.06		2.06		-0.37		2.63		0.11		1.93		-0.58		1.99		-0.27	
24	2.11		0.19		3.25		0.12		1.46		-0.74		1.06		-1.29		2.10		-0.30		2.07		-0.33	
25	2.06		0.21		1.99		0.81		---		-1.20		1.84		-0.83		1.96		-0.37		1.75		-0.28	
26	2.08		-0.13		---		-0.85		3.60		-0.67		2.19		-0.35		1.59		-0.49		1.88		-0.35	
27	1.94		-0.29		1.94		-0.64		0.74		-1.52		2.31		-0.46		3.13		---		2.12		-0.19	
28	2.13		-0.34		2.98		-0.44		0.97		-1.50		1.96		-0.62		2.51		---		2.62		---	
29	2.41		-0.30		1.78		-0.92		1.40		-1.09		1.43		-0.65		---		---		1.84		-0.08	
30	2.46		-0.23		1.85		-0.81		1.56		-1.05		2.14		0.46		---		---		1.91		-0.77	
31	2.53		-0.21		---		---		1.67		-0.75		1.78		0.09		---		---		2.21		-0.81	
MAX	2.55		0.39		---		0.81		---		-0.03		---		0.46		---		---		---		---	
MIN	1.40		-0.74		---		-1.25		---		-1.84		---		-1.29		---		---		---		---	
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	2.31		-0.65		2.61		-0.37		1.99		0.35		2.13		0.15		2.15		-0.34		2.52		-0.19	
2	2.03		-0.42		1.90		-0.27		2.11		0.38		2.22		-0.18		2.29		-0.38		2.59		-0.04	
3	1.45		-1.11		1.62		-0.46		2.24		0.01		2.34		-0.41		2.84		0.16		2.30		0.08	
4	1.71		-0.99		1.99		-0.16		2.30		-0.10		2.13		-0.59		2.76		-0.04		1.96		0.04	
5	---		-0.78		2.33		-0.02		2.51		-0.10		2.41		-0.45		2.79		0.15		1.70		0.08	
6	1.92		-0.39		1.73		-0.55		2.46		-0.12		2.66		-0.36		2.66		0.07		1.93		0.12	
7	1.90		-0.13		1.73		-0.64		2.46		-0.42		2.43		-0.38		2.78		0.12		2.03		0.10	
8	2.38		-0.11		2.31		-0.39		2.37		-0.28		2.41		-0.18		2.42		0.41		2.02		0.06	
9	2.03		-0.41		2.47		-0.43		2.18		-0.05		1.69		-0.08		2.13		0.49		1.99		0.09	
10	1.99		-0.73		2.61		-0.41		1.57		-0.23		3.14		0.51		2.19		0.55		1.97		-0.17	
11	2.29		-0.32		2.26		-0.41		2.61		---		2.22		---		2.13		0.49		1.94		-0.29	
12	2.61		---		2.31		-0.67		2.15		1.04		2.06		-0.32		2.32		0.38		2.03		-0.14	
13	2.49		-0.09		1.84		-0.55		1.80		0.37		1.60		0.10		2.29		0.27		2.67		-0.14	
14	2.36		-0.30		2.27		-0.65		1.87		0.21		1.83		0.45		2.50		0.10		2.84		0.00	
15	1.23		-0.64		2.04		-0.29		1.69		0.21		1.99		0.26		2.58		-0.20		2.65		-0.12	
16	1.09		-1.13		1.69		-0.20		1.89		0.46		2.11		0.15		2.61		-0.16		2.86		0.04	
17	1.32		-1.20		1.56		-0.27		2.23		0.20		2.06		-0.43		2.85		-0.16		2.49		0.07	
18	1.34		-0.90		1.44		-0.20		2.44		-0.12		2.31		-0.34		3.18		-0.05		2.46		0.06	
19	1.73		-0.67		1.58		-0.17		2.27		-0.47		2.64		-0.45		3.21		0.04		2.02		-0.13	
20	1.66		-0.39		2.04		0.15		2.18		-0.68		2.75		-0.38		3.12		0.08		1.70		-0.80	
21	1.99		0.00		2.30		-0.16		2.30		-0.63		2.84		-0.41		2.91		0.36		0.73		-0.86	
22	2.13		0.07		2.16		-0.42		2.78		-0.61		2.89		-0.25		2.61		0.29		3.49		0.22	
23	2.38		0.42		2.42		-0.49		2.83		---		2.57		---		2.28		0.29		2.99		0.17	
24	2.01		-0.32		2.83		-0.30		2.35		-0.59		2.34		-0.34		2.24		0.20		2.46		0.01	
25	2.15		-0.57		2.95		---		2.68		-0.58		1.90		-0.22		2.27		0.06		2.04		-0.06	
26	2.63		---		2.67		-0.63		2.45		-0.28		1.69		-0.02		---		-1.30		1.97		0.08	
27	2.66		-0.37		2.76		-0.60		1.69		---		1.76		-0.04		2.58		1.02		1.88		0.01	
28	1.90		-0.57		2.47		-0.51		1.69		-0.20		1.76		-0.20		3.08		0.44		2.02		-0.01	
29	2.43		-0.78		2.04		-0.39		1.76		0.33		1.78		-0.29		2.81		0.34		2.17		0.09	
30	2.38		-0.50		2.06		-0.29		1.85		0.51		1.85		-0.57		2.73		0.30		2.05		-0.04	
31	---		---		1.92		0.08		---		---		1.99		-0.50		2.50		0.04		---		---	
MAX	---		---		2.95		---		2.83		---		3.14		---		---		1.02		3.49		0.22	
MIN	---		---		1.44		---		1.57		---		1.60		---		---		-1.30		0.73		-0.86	

02300021 MANATEE RIVER AT FORT HAMER, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1997 to September 1998; January 2001 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located 1.0 ft below the surface and 1.0 ft above the bottom.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 40,600 microsiemens, May 17, 2002; bottom sensor maximum, 42,400 microsiemens, May 30, 2002: top sensor minimum, 78 microsiemens, Sept. 21, 2004; bottom sensor minimum, 43 microsiemens, Sept. 21, 2004.

TEMPERATURE.--Top sensor maximum, 35.0° C, June 18, 1998; bottom sensor maximum, 34.9° C, July 2, 1998; top sensor minimum, 11.1° C, Jan. 5, 2002; bottom sensor minimum, 12.0° C, Jan. 25, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 29,400 microsiemens, Nov. 24; bottom sensor maximum, 34,400 microsiemens, Nov. 24; top sensor minimum, 135 microsiemens, Aug. 26; bottom sensor minimum, 120 microsiemens, July 14, Aug. 26.

TEMPERATURE.--Top sensor maximum, 33.4° C, July 8; bottom sensor maximum, 33.3° C, Aug. 16, 17; top sensor minimum, 12.5° C, Dec. 27, 28; bottom sensor minimum, 12.4° C, Dec. 27.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	332	262	17,700	6,130	22,100	13,500	17,000	5,930	21,500	7,930	780	340
2	363	293	16,700	7,110	20,600	13,300	19,200	6,570	20,800	3,900	2,250	470
3	494	343	18,900	7,800	25,000	15,200	22,200	7,060	20,200	3,950	3,120	550
4	924	424	19,900	9,540	27,700	16,100	24,800	8,650	20,700	5,340	4,940	500
5	604	395	18,300	9,950	27,700	15,700	25,100	9,710	21,700	3,550	6,340	610
6	1,120	385	18,000	6,010	25,500	14,000	25,200	9,880	21,400	3,930	9,710	1,030
7	3,210	386	15,000	2,550	25,500	10,600	23,000	8,200	24,400	7,700	7,690	1,060
8	2,930	416	14,800	2,990	26,400	11,900	24,200	8,890	16,200	4,410	7,720	940
9	3,240	417	15,200	3,300	26,700	11,900	27,100	12,000	16,900	5,950	8,100	1,070
10	4,120	528	11,600	3,030	29,400	14,800	29,800	13,500	19,200	7,630	8,920	1,410
11	5,710	658	17,500	4,140	31,000	15,700	21,400	9,770	21,000	8,490	9,690	1,230
12	6,520	709	19,500	5,570	28,000	12,800	22,300	11,300	22,300	8,480	13,900	1,540
13	6,550	850	21,200	7,260	26,700	14,100	23,100	13,000	21,400	8,220	11,300	1,890
14	7,870	1,210	17,700	5,590	29,200	13,500	23,900	14,400	26,000	7,970	15,500	1,900
15	9,060	1,080	20,200	7,870	16,400	4,230	23,900	14,900	16,900	2,680	18,500	2,810
16	5,140	921	20,200	8,300	14,700	1,730	25,400	12,300	11,400	1,600	17,300	4,650
17	8,670	1,320	19,000	8,260	15,400	950	28,900	11,000	12,700	1,300	13,300	2,200
18	11,400	1,640	22,200	11,800	5,210	680	28,600	14,600	12,900	1,180	14,700	3,100
19	10,500	1,750	24,400	14,700	4,300	620	26,900	10,500	15,500	1,530	16,700	3,670
20	10,300	2,050	20,700	9,830	7,470	870	27,700	8,120	19,300	3,330	12,300	1,980
21	12,600	3,220	22,200	10,100	9,640	990	25,000	7,390	20,100	3,770	14,900	3,350
22	13,400	3,480	23,500	9,130	14,800	720	26,700	8,830	19,100	4,930	15,800	4,020
23	14,700	4,290	24,600	10,200	16,200	1,650	25,800	9,460	15,800	5,030	9,470	3,620
24	13,900	3,740	26,500	11,400	19,800	1,970	24,300	10,100	20,600	7,020	11,600	3,670
25	14,500	3,460	28,100	12,000	19,200	2,730	24,700	11,000	8,160	280	17,800	3,950
26	16,300	4,000	28,000	11,900	17,000	3,140	23,400	12,600	390	280	18,300	4,890
27	19,500	5,390	28,200	12,800	14,900	3,660	24,100	13,900	390	290	19,500	5,800
28	21,900	7,600	27,700	13,500	14,200	2,940	19,100	8,990	610	390	21,900	6,530
29	22,100	5,990	23,000	9,140	16,000	5,600	23,100	7,970	500	370	21,900	7,830
30	18,600	5,590	22,200	11,100	18,700	7,540	21,100	9,920	---	---	22,300	7,440
31	14,500	4,960	---	---	16,600	7,870	21,000	7,000	---	---	25,000	10,300
MONTH	22,100	262	28,200	2,550	31,000	620	29,800	5,930	26,000	280	25,000	340

02300021 MANATEE RIVER AT FORT HAMER, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25,200	12,500	25,400	15,400	32,400	15,900	16,200	1,950	1,560	360	545	265
2	24,200	10,500	27,500	16,800	33,600	15,900	19,800	2,310	700	350	437	178
3	25,500	12,100	28,200	15,600	35,200	16,500	21,000	2,360	360	240	309	158
4	23,200	12,700	24,700	12,400	36,000	16,500	21,600	2,780	281	230	301	160
5	23,600	12,300	28,000	12,900	37,000	16,600	21,300	3,630	292	231	622	201
6	24,600	12,600	29,900	12,700	36,400	19,000	17,100	3,060	283	223	273	184
7	27,200	13,300	31,400	13,900	35,700	18,200	12,400	2,760	295	234	216	185
8	30,000	13,400	32,300	15,000	33,300	14,800	11,200	3,060	277	227	237	186
9	29,700	14,300	32,900	16,900	29,600	9,750	11,000	4,280	289	208	199	179
10	28,300	13,800	32,000	17,300	22,600	5,010	12,500	4,890	279	211	201	189
11	30,600	12,900	30,100	17,300	25,000	5,880	14,000	5,880	312	191	212	181
12	27,300	12,600	29,800	18,200	21,100	2,640	14,000	5,230	324	192	254	193
13	22,700	8,140	28,000	20,500	18,100	2,730	18,900	6,500	375	235	286	234
14	16,700	4,720	27,200	20,800	14,200	1,690	20,600	7,000	246	176	277	236
15	14,500	3,040	28,900	22,200	16,200	1,260	22,500	7,480	199	168	2,430	258
16	14,500	3,430	28,400	19,900	5,130	870	22,400	8,160	220	159	950	319
17	13,900	4,710	30,200	20,600	6,800	773	24,800	9,010	202	141	1,060	361
18	15,900	6,300	31,600	21,100	13,500	927	25,800	8,540	244	152	1,050	413
19	20,000	6,960	34,300	23,100	16,900	1,120	21,700	2,950	254	164	2,000	465
20	20,600	8,270	34,800	21,500	18,400	1,560	2,950	510	255	196	2,180	527
21	25,000	10,000	33,200	11,000	19,800	2,310	620	410	279	197	1,640	78
22	24,600	9,730	34,400	10,000	18,400	3,450	670	460	310	249	5,410	690
23	23,800	9,370	30,700	4,820	16,200	3,800	590	420	331	152	6,890	870
24	24,200	9,090	27,900	3,680	14,400	4,760	630	500	243	142	7,240	1,050
25	26,200	10,000	24,600	4,310	15,800	5,620	900	500	295	144	9,820	600
26	24,900	12,000	23,200	3,090	16,100	7,230	720	470	316	216	20,000	160
27	23,000	13,100	20,100	6,270	18,100	7,260	470	340	427	217	620	150
28	22,700	10,900	22,200	9,580	10,300	1,540	370	290	619	219	210	130
29	22,900	12,300	23,700	11,600	14,800	1,700	340	270	1,610	320	280	180
30	25,600	14,000	26,900	14,400	12,200	1,180	350	280	1,600	292	290	170
31	---	---	29,400	15,000	---	---	650	320	2,360	363	---	---
MONTH	30,600	3,040	34,800	3,090	37,000	773	25,800	270	2,360	141	20,000	78
YEAR	37,000	78										

02300021 MANATEE RIVER AT FORT HAMER, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	571	528	19,000	5,750	22,500	14,800	17,800	6,700	22,000	9,060	950	350
2	608	554	17,800	7,130	20,600	14,100	20,100	7,010	21,300	7,570	2,990	470
3	715	599	20,300	7,940	24,700	15,800	23,000	7,540	20,600	6,090	3,950	560
4	1,040	690	21,300	10,200	27,600	16,400	25,600	8,910	21,000	5,590	5,390	500
5	802	657	19,500	10,300	27,800	16,300	25,700	10,100	22,800	3,780	6,960	650
6	1,410	663	19,600	6,150	25,300	14,400	25,700	10,200	22,600	4,180	10,000	1,050
7	3,500	676	15,900	1,980	25,000	11,500	23,500	8,450	25,000	8,040	8,160	1,180
8	3,250	693	15,900	2,340	26,300	12,600	25,200	9,220	17,100	4,570	8,390	950
9	3,740	709	17,000	2,640	27,200	12,200	27,800	13,200	17,800	6,490	8,320	1,110
10	4,770	805	12,800	2,370	29,500	15,000	30,200	14,000	20,100	8,550	8,940	1,460
11	6,270	952	19,100	3,570	31,000	16,500	22,500	10,800	21,300	9,770	9,970	1,230
12	7,210	1,010	20,400	4,920	28,400	13,900	23,600	12,200	23,000	9,210	14,300	1,580
13	6,980	1,170	22,700	7,030	26,900	14,800	23,800	14,400	22,800	9,030	13,400	2,050
14	8,510	1,560	18,600	4,970	29,400	15,200	25,000	15,400	26,600	8,450	16,300	2,000
15	9,260	1,430	22,600	8,040	19,700	4,480	24,800	17,700	17,800	3,000	19,000	2,930
16	5,500	1,280	22,400	8,270	15,300	1,860	26,200	13,300	12,800	1,670	18,500	4,670
17	9,010	1,390	20,400	8,810	16,000	970	29,500	12,100	12,900	1,350	15,900	2,600
18	12,000	1,730	22,600	13,300	5,220	690	29,100	15,000	13,600	1,210	15,100	3,220
19	10,900	2,060	24,700	15,000	4,190	650	27,800	11,700	15,700	1,610	16,900	3,860
20	11,000	1,960	21,300	10,100	7,860	890	27,800	9,100	19,800	3,480	12,800	2,050
21	12,900	3,120	22,600	10,400	10,400	1,020	25,900	7,890	21,100	4,440	15,500	3,600
22	13,700	3,360	24,000	9,470	12,200	770	27,300	9,750	20,000	5,160	16,300	4,030
23	14,800	4,150	25,400	10,500	16,400	1,730	26,300	9,840	16,400	5,330	11,300	3,730
24	14,600	3,530	26,400	11,600	19,600	2,200	25,000	10,700	21,000	7,140	13,800	3,730
25	14,700	3,310	28,400	12,400	18,700	2,870	25,200	12,100	11,700	280	18,900	4,070
26	16,500	3,780	28,300	12,200	16,500	3,250	23,900	13,900	400	280	19,300	5,070
27	19,700	5,180	28,300	13,200	14,800	3,850	24,900	14,900	400	300	21,600	6,090
28	22,100	7,430	28,100	14,200	14,100	3,160	19,600	10,400	610	400	22,600	7,140
29	22,200	5,980	22,100	9,540	15,900	5,880	23,600	9,380	520	380	22,800	8,230
30	19,300	5,120	22,400	11,800	18,600	10,300	22,900	12,800	---	---	23,000	7,880
31	15,800	4,610	---	---	16,800	9,410	21,900	10,000	---	---	25,500	11,000
MONTH	22,200	528	28,400	1,980	31,000	650	30,200	6,700	26,600	280	25,500	350
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25,800	12,800	25,400	15,400	31,700	15,800	16,600	2,120	1,650	350	464	224
2	24,900	11,100	26,800	16,700	33,100	16,300	19,800	2,480	680	340	365	146
3	26,300	12,500	27,400	15,300	34,200	16,300	20,900	2,690	360	250	257	126
4	23,700	12,800	24,300	12,400	35,000	16,300	21,500	2,910	---	---	257	127
5	24,200	12,600	27,400	12,800	36,200	16,900	21,100	3,850	---	---	574	168
6	25,600	12,900	29,400	13,000	35,800	18,700	17,400	3,280	310	240	229	149
7	27,800	13,600	30,900	13,600	35,100	18,200	12,500	2,940	311	241	170	150
8	30,400	13,800	31,700	14,900	32,400	16,100	12,200	3,070	272	232	191	150
9	30,200	14,700	32,200	16,600	29,800	9,950	12,300	4,530	283	213	155	142
10	28,600	14,200	31,400	17,100	23,600	6,190	13,600	5,080	284	204	153	142
11	30,700	13,100	30,300	17,200	24,800	8,670	15,700	6,020	305	185	164	134
12	27,700	12,800	30,200	18,300	22,000	3,200	15,400	5,380	316	185	205	144
13	23,500	10,700	29,000	20,500	19,100	2,760	19,200	6,560	357	227	236	185
14	17,300	5,730	27,800	20,800	15,400	1,730	20,900	7,130	237	168	237	186
15	15,000	3,160	29,500	22,300	16,600	1,340	22,900	7,550	179	158	2,940	217
16	15,000	3,410	28,900	20,400	7,630	946	22,800	8,240	200	149	1,120	258
17	15,300	5,150	35,400	20,900	7,680	850	24,200	9,250	191	131	1,490	309
18	16,800	6,240	31,400	20,900	13,700	1,010	25,500	10,700	212	131	1,270	350
19	19,800	7,020	33,500	22,900	16,500	1,200	22,000	2,800	232	142	2,600	421
20	20,700	8,140	34,200	21,300	18,000	1,660	2,800	510	223	163	2,600	482
21	24,800	9,770	32,800	11,200	19,700	2,360	620	410	245	154	2,280	43
22	24,600	9,550	33,600	11,200	18,400	3,470	660	450	275	215	5,940	702
23	24,100	9,430	31,000	9,300	17,200	3,880	610	420	296	126	7,240	893
24	25,400	9,060	28,900	5,480	14,900	4,790	700	490	207	126	7,670	1,070
25	25,900	10,200	25,600	6,030	16,100	5,900	940	480	258	118	10,300	615
26	24,900	12,300	23,300	3,560	16,100	7,280	730	470	279	189	20,300	176
27	22,900	13,100	21,200	7,030	18,300	7,220	470	330	370	189	617	158
28	23,300	11,100	22,700	9,930	11,500	1,670	370	300	533	190	219	138
29	24,200	12,500	23,900	12,000	14,800	1,880	340	280	1,730	272	290	189
30	25,500	14,100	27,200	14,900	12,900	1,330	350	270	1,590	232	301	181
31	---	---	29,100	14,800	---	---	720	300	2,370	303	---	---
MONTH	30,700	3,160	35,400	3,560	36,200	850	25,500	270	---	---	20,300	43

02300021 MANATEE RIVER AT FORT HAMER, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	26.0	25.2	26.0	23.4	20.4	17.5	22.5	19.4	18.7	16.1	19.4	17.7
2	25.9	24.9	25.9	24.1	19.8	17.8	22.0	19.5	19.2	16.7	21.2	18.6
3	26.5	24.9	25.5	24.6	20.1	17.9	22.2	19.7	20.2	16.8	21.7	19.7
4	27.1	25.9	25.8	24.5	20.9	18.4	22.5	20.6	21.6	17.9	22.7	20.6
5	27.6	26.3	26.8	24.9	21.1	19.9	22.9	21.1	22.1	19.7	23.7	21.5
6	28.1	26.4	27.0	25.4	20.5	18.6	23.1	21.1	23.2	20.7	24.6	22.1
7	28.2	26.3	27.4	24.8	18.7	15.9	22.9	18.8	23.1	20.5	25.2	23.6
8	28.6	26.0	27.6	25.2	17.4	15.7	18.8	16.7	21.2	17.5	24.7	23.1
9	28.3	26.2	27.0	25.3	18.5	16.4	19.1	17.6	19.1	16.5	23.1	21.6
10	27.8	26.4	25.5	23.9	19.6	17.9	19.0	16.1	20.4	18.1	22.0	20.5
11	27.7	26.3	25.8	24.0	19.4	17.4	16.7	14.2	21.6	19.1	21.4	19.9
12	28.1	26.4	26.0	24.1	18.9	16.8	16.6	13.6	23.0	20.9	21.4	19.9
13	29.1	27.0	26.3	24.4	18.6	16.3	17.2	14.3	23.2	22.4	22.4	20.3
14	29.1	27.6	26.1	22.8	19.1	18.1	17.4	14.1	22.6	21.8	22.0	20.1
15	28.7	27.2	24.6	22.2	18.6	15.6	17.7	15.4	21.9	20.5	22.2	20.9
16	27.9	25.9	24.5	21.8	18.5	15.7	18.2	16.1	20.6	18.9	22.8	21.7
17	27.5	25.7	24.6	22.4	18.5	16.8	17.8	15.3	19.5	18.5	23.9	21.2
18	27.6	25.0	24.9	23.4	17.1	15.6	18.9	16.9	18.9	16.7	25.0	21.2
19	27.5	25.4	24.5	23.3	16.5	15.5	18.7	16.8	18.3	15.8	25.3	22.1
20	27.1	25.9	23.4	21.6	15.7	14.5	18.6	16.2	18.4	16.5	24.9	22.5
21	27.8	25.5	23.4	20.4	14.9	12.8	18.0	15.3	19.9	17.7	25.4	22.8
22	27.0	25.4	22.8	20.6	15.6	13.2	17.7	15.7	21.1	18.8	24.7	23.0
23	27.6	25.4	22.9	21.0	17.2	14.7	17.6	15.6	22.3	19.7	23.1	21.1
24	26.8	24.3	23.2	21.4	17.9	16.1	18.0	15.1	23.4	21.4	21.8	20.2
25	26.1	24.2	23.2	22.4	17.9	16.4	18.6	16.0	22.2	19.0	21.8	19.7
26	26.9	24.8	23.8	22.0	18.0	15.9	20.1	17.3	20.8	18.9	22.2	20.0
27	27.6	25.6	24.1	22.4	18.5	16.3	21.2	19.5	19.5	16.9	22.9	21.3
28	27.4	25.9	24.7	22.7	19.1	16.6	20.3	16.4	17.5	15.5	23.3	21.3
29	26.6	25.1	23.8	18.5	19.7	17.9	18.3	15.2	18.2	16.0	24.4	21.9
30	26.3	24.1	20.4	16.0	20.0	17.7	17.9	16.9	---	---	24.4	21.8
31	26.2	23.9	---	---	22.0	19.0	17.5	16.1	---	---	24.9	22.8
MONTH	29.1	23.9	27.6	16.0	22.0	12.8	23.1	13.6	23.4	15.5	25.4	17.7
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.1	22.7	28.3	26.2	32.3	30.3	31.8	29.3	29.3	27.7	32.1	28.6
2	23.4	21.4	28.8	26.6	32.2	30.3	30.9	29.2	28.6	27.2	31.5	28.8
3	23.3	21.3	28.0	26.7	32.0	29.9	30.9	28.8	28.2	27.5	31.0	29.2
4	23.1	21.2	28.0	25.1	30.8	29.2	30.8	28.8	28.4	27.4	30.1	28.6
5	23.3	21.1	27.6	24.9	30.3	28.4	31.2	29.0	29.6	27.0	28.6	25.8
6	23.4	20.8	27.2	24.7	29.7	28.7	32.0	29.5	30.0	27.4	26.1	25.5
7	23.7	21.8	27.5	25.0	30.0	28.2	31.7	29.2	29.1	27.7	27.0	25.9
8	24.5	22.3	27.3	25.4	30.4	27.6	31.3	28.9	28.3	27.4	27.7	26.4
9	25.5	23.6	27.3	25.7	31.0	28.2	33.3	30.2	28.8	27.2	27.1	26.4
10	26.5	24.2	26.8	25.6	31.0	28.3	33.5	30.8	29.9	26.6	27.8	26.3
11	26.2	24.5	27.4	25.7	31.2	28.2	33.6	31.5	29.9	27.7	28.6	27.2
12	25.3	22.7	28.2	25.9	30.3	27.2	32.9	30.5	30.2	28.3	29.1	27.3
13	23.7	21.7	28.5	26.2	31.7	27.5	33.0	30.6	29.5	27.4	29.0	27.2
14	22.3	19.4	28.4	26.3	31.3	28.2	33.0	30.7	28.0	26.9	28.2	27.3
15	23.3	18.6	28.8	26.1	30.8	27.6	32.5	31.0	28.5	27.0	27.8	26.9
16	24.4	19.6	28.3	26.5	30.9	26.6	31.7	30.4	28.8	26.6	28.5	27.0
17	24.2	20.5	28.7	26.1	30.6	27.1	30.8	29.0	29.7	26.3	29.8	27.6
18	24.7	21.5	28.7	26.2	32.0	28.4	29.7	28.5	29.9	26.9	31.0	28.5
19	25.5	22.1	28.2	26.3	32.0	28.9	29.2	27.8	30.0	26.7	30.5	28.8
20	26.1	22.1	29.1	26.3	32.1	29.7	28.0	26.9	29.8	27.6	29.9	28.2
21	25.1	23.2	29.7	25.8	31.9	30.0	29.6	26.5	30.7	27.6	28.4	26.7
22	26.4	23.0	29.2	25.8	32.3	30.3	31.3	27.1	30.0	28.1	27.3	26.1
23	28.0	23.8	29.3	26.8	32.9	30.6	29.7	27.5	30.5	28.3	28.0	25.9
24	28.1	24.8	29.4	26.7	32.2	30.8	30.5	28.8	29.7	28.0	28.1	26.5
25	27.6	25.7	29.9	27.5	33.1	30.2	31.5	29.0	29.9	27.6	27.8	26.3
26	27.9	26.0	29.9	27.9	32.5	30.6	30.7	27.4	30.0	28.9	26.4	25.0
27	27.5	25.7	30.6	28.1	31.9	29.2	28.8	27.1	31.4	28.6	26.4	24.9
28	27.4	24.1	32.0	28.7	31.0	28.6	29.3	27.2	30.4	27.8	27.5	25.7
29	26.5	24.7	31.9	29.1	32.3	29.3	29.2	27.8	31.2	28.5	28.1	25.7
30	27.5	24.9	32.3	29.8	31.3	28.6	29.6	27.4	31.3	28.8	28.3	25.9
31	---	---	32.3	30.2	---	---	29.8	27.4	31.9	28.7	---	---
MONTH	28.1	18.6	32.3	24.7	33.1	26.6	33.6	26.5	31.9	26.3	32.1	24.9
YEAR	33.6	12.8										

02300021 MANATEE RIVER AT FORT HAMER, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	26.0	25.2	26.3	24.8	20.2	18.0	21.5	19.5	17.9	16.1	19.2	17.7
2	25.8	24.9	25.9	24.7	19.9	17.9	21.4	19.5	19.0	17.2	21.0	18.5
3	26.4	24.9	25.5	24.5	20.0	17.9	21.7	19.8	19.8	17.3	21.5	19.6
4	27.1	25.9	25.7	24.5	20.2	18.7	22.5	20.6	20.9	17.8	22.6	20.5
5	27.5	26.2	26.6	24.9	20.9	19.9	23.0	21.1	22.1	19.6	23.5	21.4
6	28.1	26.4	26.8	25.4	20.5	18.5	23.1	21.1	23.1	20.7	24.4	22.0
7	28.1	26.3	26.8	24.7	18.5	15.9	22.9	18.8	23.1	20.6	25.2	23.5
8	28.6	26.0	27.5	25.2	17.4	15.7	18.8	16.8	21.7	17.6	24.7	23.0
9	28.3	26.1	26.9	25.4	18.5	16.3	19.0	17.5	19.1	16.6	23.0	21.5
10	27.8	26.4	25.5	23.9	19.6	17.8	18.9	16.2	20.4	18.2	22.0	20.4
11	27.7	26.3	25.8	24.0	19.4	17.8	17.1	14.1	21.6	19.6	21.3	19.8
12	28.1	26.4	26.0	24.1	18.9	16.7	16.7	14.1	23.0	21.1	21.3	19.8
13	29.2	27.0	26.3	24.4	18.6	17.0	17.2	15.0	23.2	22.4	22.3	20.0
14	29.1	27.6	26.2	22.8	19.0	18.1	17.4	15.2	22.7	21.7	21.9	20.1
15	28.7	27.2	24.6	22.4	18.8	16.7	17.7	16.1	21.8	20.6	22.2	20.9
16	28.0	25.9	24.4	22.7	18.5	16.7	18.2	16.3	20.7	19.0	22.7	21.7
17	27.6	25.7	24.5	23.5	18.5	16.7	17.8	15.6	19.9	18.4	23.7	21.2
18	27.6	25.7	24.9	23.6	17.1	15.5	17.9	16.8	18.8	16.6	23.9	21.2
19	27.5	25.9	24.5	23.4	16.5	15.5	18.7	16.8	18.3	15.7	25.2	22.1
20	27.3	26.1	23.4	21.6	15.8	14.4	18.5	16.2	18.3	16.4	24.9	22.8
21	27.3	25.5	22.6	20.4	15.6	12.7	18.0	15.2	19.8	17.7	25.3	22.7
22	27.0	25.4	22.7	20.5	15.6	13.1	17.9	15.7	21.1	18.8	24.7	22.9
23	27.1	25.4	22.7	21.0	17.2	14.6	17.5	15.6	22.2	19.7	23.4	21.1
24	26.7	24.3	23.2	21.4	18.0	16.1	18.0	15.1	23.3	21.4	22.1	20.2
25	26.1	24.2	23.1	22.3	18.0	16.3	18.6	15.9	22.5	19.0	21.8	19.9
26	26.8	24.8	23.9	22.0	18.1	15.9	20.0	17.4	20.8	18.9	22.2	20.3
27	27.6	25.5	24.1	22.4	18.6	16.3	21.2	19.6	19.5	16.8	22.8	20.8
28	27.4	25.9	24.6	22.7	19.1	16.8	20.4	17.2	17.4	15.4	23.2	21.2
29	26.7	25.0	23.9	19.7	19.7	18.2	19.0	16.8	18.1	16.0	23.8	21.7
30	26.5	24.4	20.6	16.9	19.9	18.5	18.0	17.3	---	---	24.2	21.9
31	26.1	23.9	---	---	20.7	19.3	17.5	16.4	---	---	24.7	22.9
MONTH	29.2	23.9	27.5	16.9	20.9	12.7	23.1	14.1	23.3	15.4	25.3	17.7
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.0	22.6	28.2	26.2	32.2	30.2	31.7	29.2	29.2	27.6	31.1	28.7
2	23.4	21.3	28.7	26.5	32.1	30.1	30.9	29.1	28.5	27.0	30.8	28.8
3	23.2	21.2	27.9	26.7	31.9	29.9	30.7	28.7	28.0	27.3	30.9	29.3
4	23.0	21.2	27.8	25.1	30.7	29.1	30.6	28.7	---	---	30.1	28.7
5	23.2	21.0	27.3	24.9	30.2	28.7	31.1	28.9	---	---	28.7	25.8
6	23.3	20.9	27.1	24.7	29.6	28.7	32.0	29.3	---	---	26.1	25.5
7	23.6	21.7	27.4	24.9	30.0	28.1	30.6	29.0	29.1	27.7	27.1	26.0
8	24.5	22.6	27.2	25.3	30.2	27.9	30.9	28.8	28.3	27.5	27.8	26.4
9	25.4	23.6	27.2	25.4	30.1	28.5	32.8	30.1	28.8	27.3	27.2	26.5
10	26.4	24.3	26.6	25.4	30.4	28.4	33.4	30.8	30.0	26.7	27.9	26.4
11	26.1	24.6	27.1	25.4	30.9	28.6	33.4	31.2	30.0	27.8	28.7	27.3
12	25.2	22.7	28.1	25.6	30.0	27.8	32.6	30.6	30.2	28.4	29.2	27.3
13	23.7	22.2	28.5	26.0	30.9	27.7	32.9	30.6	29.6	27.5	29.0	27.2
14	22.2	19.7	28.3	26.2	29.9	28.1	32.9	31.1	28.1	26.9	28.2	27.4
15	21.9	18.6	28.8	26.1	29.8	27.6	32.4	30.9	28.5	27.0	27.9	27.0
16	24.2	19.7	28.2	26.5	29.7	26.5	31.7	30.3	28.9	26.7	28.6	27.1
17	24.2	20.9	28.3	26.1	30.1	27.0	30.7	29.0	29.0	26.3	29.8	27.6
18	24.6	21.5	28.6	26.1	30.6	28.4	29.5	28.5	29.9	27.0	31.0	28.6
19	25.1	22.1	28.1	26.2	31.7	28.8	29.1	27.7	30.0	26.8	30.6	28.8
20	25.4	22.6	28.7	26.3	32.0	29.6	27.9	26.8	29.6	27.7	29.9	28.3
21	25.1	23.4	29.0	26.8	31.8	29.9	29.5	26.4	29.3	27.7	28.5	26.8
22	26.2	23.1	28.9	27.3	32.2	30.2	30.6	27.0	29.7	28.1	27.3	26.1
23	27.8	24.1	28.9	27.3	32.6	30.5	29.4	27.4	30.5	28.3	28.0	25.9
24	27.8	24.9	29.0	27.5	31.9	30.6	30.0	28.7	29.8	28.1	28.2	26.5
25	27.2	25.3	29.4	27.5	32.1	30.0	31.1	28.9	29.9	27.7	27.9	26.3
26	27.6	25.9	29.7	27.9	32.1	30.4	30.2	27.3	30.0	28.9	26.5	25.1
27	27.4	25.6	30.1	28.2	31.7	29.3	28.7	27.0	30.9	28.7	26.4	24.9
28	26.3	24.3	30.5	28.8	30.9	28.9	29.0	27.0	30.4	27.9	27.5	25.8
29	26.4	24.7	31.8	29.2	31.7	29.2	29.1	27.7	31.3	28.5	28.1	25.8
30	27.3	24.9	32.2	29.7	31.0	28.5	29.5	27.2	31.3	28.8	28.4	26.0
31	---	---	32.2	30.2	---	---	29.6	27.3	32.0	28.7	---	---
MONTH	27.8	18.6	32.2	24.7	32.6	26.5	33.4	26.4	---	---	31.1	24.9

02300021 MANATEE RIVER AT FORT HAMER, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	350	250	19,400	6,300	22,800	7,110	10,600	1,640	17,400	5,670	361	258
2	340	230	20,200	7,170	20,400	7,240	10,200	1,360	18,400	5,950	402	361
3	370	210	19,700	6,610	19,700	7,640	11,900	2,080	22,000	5,230	413	320
4	630	340	19,700	8,160	19,300	8,450	13,800	3,070	17,000	5,870	569	372
5	610	340	21,900	8,540	19,400	8,460	17,500	3,350	21,200	5,020	631	414
6	550	360	15,900	6,750	21,200	12,000	18,800	3,410	25,400	6,020	694	414
7	850	420	17,100	9,040	23,500	10,700	20,600	4,030	25,400	8,060	2,290	394
8	2,060	540	16,800	8,670	21,600	11,000	22,100	4,630	26,600	10,400	2,600	612
9	3,780	430	17,000	7,940	25,900	9,470	22,200	5,010	28,000	12,300	1,290	488
10	5,770	650	20,700	6,560	27,200	11,900	23,100	5,960	28,600	14,000	976	374
11	9,910	810	24,400	8,110	27,600	13,600	24,000	7,720	22,500	10,200	1,890	499
12	4,080	380	25,700	10,100	25,100	7,900	25,900	9,480	20,800	10,200	999	396
13	7,110	630	27,200	10,800	27,200	10,000	25,700	11,100	25,000	10,800	1,640	396
14	6,000	670	25,700	8,740	28,300	11,900	25,500	3,250	22,600	12,000	1,760	563
15	6,640	490	22,800	7,300	20,300	9,070	5,400	540	22,000	10,400	1,720	553
16	4,860	460	25,900	10,000	22,100	9,600	670	470	22,800	9,190	6,160	595
17	8,360	600	26,400	10,300	23,400	10,900	760	430	22,700	9,000	993	209
18	9,070	700	25,200	12,100	23,900	12,600	950	520	20,600	7,190	209	179
19	12,200	1,170	24,300	13,100	23,500	14,800	7,430	690	21,500	6,590	251	199
20	12,500	1,750	24,100	14,600	22,200	11,000	9,940	570	23,900	8,330	315	231
21	10,600	1,010	23,700	16,200	25,400	10,400	12,500	990	24,200	10,800	336	231
22	7,620	1,150	25,500	14,300	29,100	11,000	14,900	1,490	24,900	11,400	347	210
23	9,500	1,660	26,900	14,200	27,700	14,000	15,400	1,220	24,900	11,000	410	305
24	11,800	2,540	29,400	14,100	27,700	13,200	11,000	880	25,900	12,900	516	410
25	12,000	3,180	27,600	15,400	24,700	11,500	12,500	1,430	24,700	12,000	621	495
26	12,400	2,770	22,300	7,250	25,200	1,230	14,300	2,780	22,400	11,500	790	548
27	13,400	2,930	26,800	7,650	3,190	780	15,600	3,040	22,800	1,580	981	454
28	15,200	3,370	27,400	8,600	3,120	860	13,900	3,110	1,580	299	2,820	496
29	17,500	4,230	20,700	4,990	7,500	960	12,500	3,530	---	---	1,450	570
30	19,100	5,080	20,900	5,060	10,200	1,110	17,100	6,860	---	---	2,790	571
31	20,000	5,070	---	---	11,300	1,120	14,900	5,160	---	---	5,200	645
MONTH	20,000	210	29,400	4,990	29,100	780	25,900	430	28,600	299	6,160	179
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6,680	667	11,800	2,160	12,700	692	210	160	450	240	11,400	1,790
2	4,110	636	6,510	968	715	324	250	170	670	250	12,400	2,110
3	2,740	233	5,370	991	526	313	300	190	3,360	280	10,400	2,010
4	4,950	595	2,510	403	526	336	360	240	2,480	230	7,660	1,620
5	6,720	723	2,920	360	370	302	670	270	5,010	260	7,010	1,780
6	7,400	1,070	589	393	381	314	1,310	300	2,980	179	9,710	1,960
7	8,150	1,430	863	382	404	325	2,250	310	529	169	11,100	2,140
8	9,480	928	6,550	503	438	359	980	200	319	159	11,700	2,570
9	7,580	992	9,580	821	382	326	270	170	209	149	11,900	3,060
10	8,030	1,020	12,100	997	360	315	1,730	260	209	138	12,500	2,180
11	11,500	1,020	11,100	1,400	360	281	390	260	218	168	13,600	2,710
12	14,600	1,730	12,400	1,590	293	270	300	210	228	168	15,500	4,420
13	13,800	2,680	10,500	2,280	316	282	240	150	298	188	21,400	5,290
14	13,800	2,470	13,000	2,090	339	271	200	140	457	258	22,700	7,060
15	7,540	2,280	11,900	3,380	384	327	190	150	556	227	21,800	7,360
16	7,880	1,140	10,400	3,620	441	373	180	150	3,370	347	23,500	9,280
17	10,700	290	9,070	3,270	599	407	210	150	6,230	505	22,400	9,240
18	11,500	3,010	6,520	971	634	385	210	150	8,430	366	22,600	9,500
19	14,800	4,010	4,500	872	827	453	220	150	9,750	495	20,000	10,100
20	16,000	6,050	8,380	1,270	873	397	290	170	10,800	852	18,400	8,730
21	16,400	7,400	11,400	1,840	1,920	454	430	170	11,200	692	25,300	7,710
22	17,600	7,400	10,600	1,830	1,990	341	2,740	220	7,800	494	29,300	12,700
23	19,300	8,980	13,400	2,290	2,590	329	1,330	220	5,320	672	27,100	14,000
24	16,800	7,280	16,300	3,310	1,160	341	1,700	220	3,320	414	24,600	13,000
25	18,100	6,720	16,900	3,920	3,310	341	290	160	1,710	145	23,600	13,300
26	21,400	7,160	16,500	3,560	3,280	376	310	190	601	135	24,000	14,200
27	12,000	1,020	17,400	4,600	1,920	444	390	250	8,080	582	24,800	14,800
28	8,110	1,210	17,000	5,400	800	210	380	170	10,600	1,270	25,400	14,000
29	14,000	1,300	14,400	5,910	220	170	310	170	10,700	1,500	26,000	11,800
30	13,700	1,790	15,200	6,290	200	170	310	250	11,000	1,830	23,600	11,400
31	---	---	13,700	6,210	---	---	280	170	10,800	1,700	---	---
MONTH	21,400	233	17,400	360	12,700	170	2,740	140	11,200	135	29,300	1,620
YEAR	29,400	135										

02300021 MANATEE RIVER AT FORT HAMER, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	365	254	23,300	7,530	25,200	8,610	11,000	1,690	16,400	5,490	338	246
2	345	234	24,500	8,570	23,500	8,900	10,700	1,420	17,700	6,100	389	328
3	377	224	23,800	8,560	22,400	8,250	12,100	2,300	20,800	5,120	400	297
4	702	336	23,900	10,700	20,700	9,620	14,300	3,450	16,700	5,710	534	359
5	622	326	26,000	10,300	20,100	9,770	18,500	3,600	19,400	5,010	596	390
6	571	368	19,600	8,590	21,800	13,000	19,600	3,530	22,800	5,900	658	390
7	951	450	21,500	11,900	24,000	11,400	21,000	4,230	23,000	7,890	2,300	380
8	3,760	553	21,400	11,300	23,100	11,500	22,500	4,700	24,300	10,300	2,630	607
9	4,590	441	20,700	9,520	26,900	9,860	22,500	5,160	25,500	11,700	1,320	484
10	6,590	678	24,900	8,130	27,900	12,000	23,100	6,240	26,500	13,300	1,000	371
11	10,500	833	28,700	9,630	28,300	13,800	24,300	8,080	21,200	9,730	1,970	506
12	4,630	401	30,500	12,000	25,600	8,750	25,600	9,580	19,500	9,820	1,040	392
13	7,830	659	32,600	13,300	27,800	11,200	25,500	11,200	23,100	11,700	1,700	392
14	6,720	681	30,500	10,400	28,600	11,900	25,600	3,390	21,000	11,800	1,820	558
15	7,480	506	27,500	9,400	20,900	8,600	8,740	550	20,500	11,800	2,100	558
16	5,780	445	30,600	11,900	23,000	9,730	670	490	20,300	10,700	6,610	600
17	9,400	611	31,300	13,500	24,000	11,900	770	450	20,200	11,200	1,040	198
18	10,300	720	31,000	14,800	23,900	14,200	1,060	520	17,300	9,400	208	178
19	13,000	1,260	29,200	16,200	23,400	16,500	8,160	690	18,400	7,480	249	198
20	13,400	1,970	29,200	18,100	22,000	11,300	10,500	580	21,700	8,580	311	229
21	11,900	1,140	28,200	19,500	26,800	11,200	13,200	1,000	21,900	10,500	332	229
22	9,600	1,270	29,300	17,400	29,900	11,600	15,300	1,500	22,500	11,100	343	209
23	11,200	1,840	30,600	17,200	29,600	14,600	15,700	1,220	22,300	11,100	406	312
24	13,500	2,820	34,400	17,900	28,200	13,900	11,700	890	24,300	12,400	500	406
25	14,000	3,530	33,500	19,200	25,000	11,500	12,800	1,440	23,400	11,700	615	489
26	14,600	3,200	27,200	9,510	25,400	1,240	14,900	2,790	21,100	11,300	782	552
27	15,500	2,980	30,800	10,000	3,950	990	15,900	3,150	22,500	1,520	970	449
28	18,100	3,950	31,200	10,900	4,120	880	14,900	3,100	1,520	286	2,700	480
29	20,600	5,190	23,700	5,990	9,560	980	13,100	3,470	---	---	1,530	553
30	22,500	6,120	24,800	6,700	11,100	1,180	17,400	6,750	---	---	2,970	564
31	23,400	6,680	---	---	13,200	1,170	14,800	5,490	---	---	5,560	638
MONTH	23,400	224	34,400	5,990	29,900	880	25,600	450	26,500	286	6,610	178
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	7,050	649	15,100	2,540	16,900	797	200	150	550	230	11,400	1,670
2	4,150	639	9,430	1,070	797	262	240	160	700	230	12,100	2,010
3	2,760	503	8,490	1,090	547	251	290	180	3,530	270	11,000	1,960
4	5,450	598	3,980	375	536	273	340	230	2,560	210	8,650	1,510
5	7,320	724	4,130	332	317	231	700	260	5,270	260	7,460	1,660
6	7,940	1,080	611	354	328	252	1,300	280	3,230	190	10,200	1,830
7	8,320	1,500	1,130	343	350	263	2,280	300	540	170	11,500	2,180
8	9,770	916	8,750	483	406	307	1,110	190	310	150	11,500	2,630
9	7,750	990	12,400	860	329	263	260	160	200	140	12,000	3,180
10	8,360	1,030	14,400	1,120	307	252	1,890	250	190	140	12,500	3,270
11	11,900	1,020	13,200	1,530	307	211	380	240	210	160	14,600	3,670
12	14,400	1,700	15,300	1,780	222	212	290	210	220	160	16,400	5,410
13	13,800	2,640	15,100	2,620	253	212	230	140	280	180	20,800	6,180
14	14,200	2,500	17,100	2,560	275	202	190	120	440	250	22,100	7,740
15	9,290	2,380	14,200	4,180	330	264	180	130	530	210	21,400	8,070
16	10,700	1,950	13,800	4,470	397	319	170	140	3,670	340	23,100	9,490
17	12,500	2,110	12,500	3,910	574	353	200	130	6,390	510	22,200	9,430
18	13,600	3,180	8,180	1,090	607	331	190	130	8,660	360	22,700	9,860
19	16,400	4,490	7,250	985	928	398	210	130	9,890	490	21,000	10,200
20	17,500	6,470	11,600	1,340	1,050	354	280	150	11,000	840	19,100	8,840
21	18,400	8,110	13,600	2,160	2,210	398	540	160	11,000	710	25,300	8,090
22	19,800	8,680	13,400	2,140	2,220	287	2,680	210	8,460	470	28,300	13,200
23	22,400	10,200	17,300	2,880	3,180	265	1,300	210	5,340	650	26,800	13,500
24	19,100	8,280	21,200	4,180	1,590	288	1,740	200	3,510	390	25,200	12,500
25	21,000	7,570	22,100	5,310	4,080	277	280	160	1,820	130	24,300	12,900
26	24,300	8,840	21,900	4,870	4,090	321	290	180	590	120	24,000	14,500
27	14,800	1,120	22,700	6,030	1,740	399	370	240	7,890	570	24,000	14,100
28	10,100	1,320	22,100	7,370	810	210	370	170	11,400	1,280	24,000	12,900
29	17,000	1,430	19,400	7,950	220	170	300	160	10,500	1,420	24,300	12,000
30	16,600	2,090	20,200	8,240	200	160	300	240	10,900	1,720	23,300	10,700
31	---	---	17,600	8,690	---	---	260	150	10,900	1,600	---	---
MONTH	24,300	503	22,700	332	16,900	160	2,680	120	11,400	120	28,300	1,510
YEAR	34,400	120										

02300021 MANATEE RIVER AT FORT HAMER, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	28.9	27.0	27.6	25.9	23.9	22.0	19.6	17.7	20.0	17.8	21.0	19.5
2	29.3	27.4	27.9	25.7	23.9	22.2	20.3	18.1	19.8	18.5	20.3	18.1
3	29.7	27.7	28.2	25.6	23.4	20.6	20.7	18.4	20.4	18.9	18.6	16.1
4	30.4	28.0	28.4	26.4	22.7	18.4	21.1	19.1	20.1	16.3	18.6	15.9
5	30.3	28.2	28.3	25.3	21.6	18.8	22.1	19.7	18.1	15.6	19.2	16.7
6	30.1	28.5	26.4	23.2	22.7	20.3	22.0	20.0	17.6	16.3	20.9	17.3
7	28.9	27.3	25.5	23.2	22.9	21.1	22.6	20.3	19.2	17.0	20.7	18.4
8	27.9	26.5	24.7	22.6	24.3	21.4	22.9	20.8	19.8	17.7	20.7	19.6
9	27.9	26.7	24.1	21.8	23.6	21.7	23.3	21.2	20.5	18.3	20.1	17.4
10	27.7	26.8	23.6	21.6	23.7	22.8	23.2	21.4	20.9	19.4	18.8	16.2
11	27.0	25.5	23.8	22.0	23.6	21.1	23.2	21.2	19.6	16.9	19.7	17.4
12	27.0	25.3	23.8	22.3	21.1	19.1	23.1	21.3	18.1	16.0	20.4	18.1
13	27.0	25.5	23.6	22.8	20.2	18.1	23.4	22.0	18.3	16.0	21.0	18.6
14	27.3	25.2	23.5	22.6	19.9	17.0	23.2	19.9	19.4	16.5	21.8	20.0
15	26.7	24.8	23.0	21.5	18.1	14.8	20.5	18.9	20.7	17.7	22.2	21.0
16	25.5	23.1	22.8	21.0	15.9	13.2	19.0	18.0	21.6	19.3	23.7	21.2
17	25.6	23.3	23.1	20.8	16.3	14.4	18.1	16.3	21.4	19.6	22.8	20.4
18	26.6	24.1	23.5	20.3	17.7	15.4	16.3	14.8	21.2	18.5	20.8	19.8
19	27.5	25.6	23.7	20.7	17.7	15.6	15.7	13.6	20.4	17.7	20.6	18.7
20	28.3	26.4	24.0	22.4	17.0	13.4	15.5	14.2	21.3	18.6	20.7	18.3
21	28.5	26.8	24.5	22.4	17.0	13.6	16.8	14.3	22.0	19.5	21.0	19.0
22	28.2	27.2	24.8	22.5	17.0	14.9	17.7	15.5	23.0	21.0	23.0	20.2
23	27.7	26.3	24.4	22.6	17.8	16.6	17.7	16.4	24.2	22.2	22.5	21.8
24	27.4	25.7	24.2	22.8	17.8	16.7	16.5	13.6	24.4	22.5	22.8	21.1
25	27.9	25.4	24.0	23.3	17.4	15.6	15.8	13.3	23.9	22.9	24.6	22.2
26	27.2	25.2	23.4	20.7	15.9	14.2	17.0	14.6	23.4	22.0	26.2	24.0
27	26.9	24.8	22.1	20.2	14.6	12.5	18.8	16.0	22.7	21.0	26.1	24.6
28	26.5	24.5	22.5	21.0	14.9	12.5	18.7	17.4	21.2	20.4	25.5	23.4
29	26.8	24.7	22.7	20.1	16.3	13.7	19.1	17.5	---	---	24.4	22.5
30	27.3	25.2	23.2	20.3	17.3	14.9	20.0	18.4	---	---	24.6	22.4
31	27.6	25.6	---	---	18.5	16.3	20.2	17.9	---	---	25.3	23.8
MONTH	30.4	23.1	28.4	20.1	24.3	12.5	23.4	13.3	24.4	15.6	26.2	15.9
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	26.2	24.3	25.8	24.0	30.2	26.7	29.8	27.9	31.7	29.7	31.1	30.1
2	25.7	23.6	27.0	23.9	27.3	25.9	29.8	27.2	31.9	29.9	31.0	29.6
3	23.7	21.0	28.0	24.6	27.4	26.4	30.4	28.1	32.1	30.3	31.6	29.0
4	25.2	20.7	26.0	24.4	26.5	25.7	31.4	29.3	32.5	29.7	31.1	29.2
5	24.7	21.7	24.6	23.5	27.1	25.4	32.2	30.1	32.0	29.9	30.2	28.7
6	25.2	23.0	25.8	23.4	28.6	26.0	32.3	30.1	31.9	28.9	30.5	28.5
7	24.5	23.4	26.6	23.4	28.6	26.1	32.6	30.5	31.0	29.5	30.4	28.9
8	25.0	23.0	27.0	24.5	29.9	26.3	33.4	30.9	30.3	28.8	30.1	28.8
9	25.4	23.4	27.2	24.9	29.1	27.3	30.9	27.6	31.3	28.9	30.6	28.1
10	26.2	23.6	27.4	25.2	28.1	26.1	27.9	26.5	31.7	29.0	31.8	28.6
11	26.1	23.5	27.5	25.4	27.6	25.7	28.6	26.5	32.4	29.5	32.4	29.1
12	25.5	23.6	28.0	25.3	28.0	27.0	29.7	27.1	31.6	29.9	31.8	29.2
13	25.5	24.3	28.2	25.9	30.2	26.8	31.1	26.9	31.8	29.6	31.4	29.7
14	25.0	23.8	27.2	25.2	31.4	27.7	29.2	27.0	31.8	30.4	31.2	29.1
15	24.3	22.8	27.6	25.6	32.0	28.8	29.3	27.1	31.6	30.1	31.2	29.5
16	23.2	20.7	30.4	26.2	31.3	29.1	30.3	28.1	33.3	31.2	30.8	29.1
17	22.6	20.0	31.3	26.2	31.4	29.7	30.3	28.5	33.3	31.4	31.1	28.6
18	25.4	21.0	28.5	25.8	31.1	30.1	30.7	29.0	33.3	30.6	30.8	28.6
19	25.3	22.1	28.6	26.0	31.7	29.8	31.2	29.2	32.8	30.0	30.7	29.0
20	25.5	22.5	29.5	26.6	30.9	28.9	31.1	28.8	32.8	30.3	29.8	28.3
21	25.1	22.5	29.7	27.3	30.7	28.2	31.1	28.7	32.6	30.4	28.7	27.7
22	25.9	23.3	30.5	28.0	28.6	26.7	31.9	29.6	32.5	29.6	28.1	27.4
23	25.6	23.9	29.8	28.0	28.2	26.5	32.0	29.9	32.6	30.0	28.2	27.0
24	24.9	23.1	29.1	27.7	28.4	26.3	32.3	29.6	31.6	29.2	29.6	27.0
25	24.9	21.8	29.4	27.6	29.0	27.0	31.9	28.4	30.9	29.4	30.2	27.1
26	23.8	22.3	28.3	27.0	30.4	27.9	31.9	29.6	29.9	28.8	31.1	28.0
27	24.6	22.0	28.5	26.7	30.1	28.2	32.3	30.3	29.2	28.2	31.1	28.0
28	26.0	22.6	29.5	27.6	31.0	28.3	31.8	30.8	30.1	27.9	30.7	28.1
29	26.6	23.3	30.6	28.3	28.9	27.7	31.6	30.2	30.7	28.8	31.8	27.1
30	26.8	24.0	32.0	29.0	29.1	27.2	31.3	29.6	31.4	29.6	30.7	27.8
31	---	---	30.5	28.8	---	---	31.3	29.6	31.6	30.3	---	---
MONTH	26.8	20.0	32.0	23.4	32.0	25.4	33.4	26.5	33.3	27.9	32.4	27.0
YEAR	33.4	12.5										

02300021 MANATEE RIVER AT FORT HAMER, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	28.8	27.0	27.7	26.0	24.1	22.0	19.7	17.8	20.0	17.8	21.1	19.5
2	29.3	27.4	28.0	26.2	23.9	22.6	20.4	18.6	19.8	18.6	20.4	18.2
3	29.8	27.7	28.4	26.2	23.7	20.9	20.8	18.9	20.5	18.9	18.7	16.1
4	30.5	28.0	28.5	26.7	22.8	20.5	21.2	19.3	20.1	17.1	18.6	15.9
5	30.1	28.3	28.3	25.5	21.8	19.1	21.6	19.8	17.8	15.7	19.1	16.7
6	29.8	28.5	26.6	23.3	22.5	20.4	22.1	20.0	17.7	16.3	19.7	17.4
7	28.9	27.3	25.4	23.7	23.0	21.3	22.4	20.4	18.7	17.0	20.7	18.5
8	28.0	26.5	24.6	22.9	23.7	21.6	22.9	20.8	19.6	17.8	20.8	19.6
9	27.9	26.6	23.9	22.0	23.7	21.8	23.3	21.3	20.5	18.4	20.2	17.4
10	27.7	26.8	23.7	21.7	23.8	22.8	23.3	21.4	21.0	19.5	18.8	16.2
11	27.0	25.6	23.8	22.0	23.6	21.1	23.2	21.3	19.7	17.0	19.7	17.5
12	27.0	25.4	23.8	22.4	21.1	19.1	23.1	21.4	18.1	16.1	20.3	18.2
13	27.0	25.5	23.7	22.8	20.4	18.2	23.5	22.1	18.3	16.5	21.0	18.7
14	27.2	25.2	23.6	22.6	20.0	17.2	23.3	20.0	19.3	17.2	21.8	20.0
15	26.7	24.9	23.1	21.8	19.1	14.9	21.2	18.9	20.4	18.9	22.3	21.1
16	25.6	23.1	22.8	21.1	16.1	13.3	19.0	18.0	21.3	19.5	23.7	21.2
17	25.8	23.4	23.2	20.9	16.3	15.0	18.1	16.3	21.4	20.4	22.8	20.4
18	26.9	24.2	23.6	21.4	17.4	15.9	16.3	14.8	21.3	19.7	20.9	19.8
19	27.7	25.7	23.8	22.2	17.8	16.6	15.8	13.7	20.6	18.0	20.6	18.7
20	28.5	26.7	24.0	22.7	17.1	15.1	15.5	14.2	21.0	18.7	20.5	18.3
21	28.6	27.2	24.4	22.6	16.2	14.3	16.9	14.3	21.8	19.7	20.9	19.1
22	28.4	27.2	24.1	22.6	16.5	15.0	17.8	15.5	23.1	21.0	23.1	20.3
23	27.7	26.3	24.2	22.7	17.8	16.4	17.8	16.4	24.2	22.2	22.5	21.9
24	27.2	25.7	24.2	22.9	17.8	16.9	16.6	13.6	24.4	22.5	22.8	21.2
25	27.3	25.4	24.0	23.3	17.4	15.7	15.8	13.5	24.0	22.9	24.7	22.3
26	27.2	25.3	23.3	20.7	15.9	14.3	17.0	14.6	23.7	22.0	26.3	24.1
27	26.8	24.8	22.2	20.3	14.7	12.4	18.6	16.1	23.0	21.0	26.1	24.6
28	26.5	24.5	22.8	21.1	15.0	12.5	18.8	17.4	21.3	20.4	25.5	23.4
29	26.8	24.8	22.8	20.2	16.4	13.7	19.2	17.5	---	---	24.4	22.5
30	27.4	25.2	23.3	20.6	17.6	14.9	20.1	18.5	---	---	24.7	22.4
31	27.8	25.6	---	---	18.5	16.5	20.2	18.2	---	---	25.4	23.8
MONTH	30.5	23.1	28.5	20.2	24.1	12.4	23.5	13.5	24.4	15.7	26.3	15.9
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	26.2	24.4	25.8	24.1	30.2	26.7	29.9	28.0	31.5	29.7	31.1	30.1
2	25.7	23.6	26.3	24.0	27.4	26.0	29.9	27.3	31.8	30.0	31.0	29.6
3	23.7	21.3	27.0	24.6	27.5	26.4	30.5	28.1	32.1	30.0	31.6	29.0
4	24.3	20.8	26.0	24.4	26.6	25.8	31.4	29.3	32.6	29.8	31.1	29.2
5	24.8	21.8	24.7	23.6	27.2	25.5	32.3	30.2	32.0	30.0	30.3	28.8
6	25.3	23.0	25.9	23.5	28.5	26.1	32.4	30.1	31.9	29.0	30.4	28.5
7	24.5	23.5	26.6	23.5	28.7	26.1	32.7	30.5	31.0	29.6	30.5	29.0
8	25.1	23.1	26.6	24.5	29.2	26.3	33.1	30.9	30.4	28.8	30.2	28.9
9	25.4	23.4	27.1	24.9	29.0	27.4	30.9	27.6	31.2	28.9	30.7	28.3
10	26.3	23.6	27.3	25.2	28.1	26.2	28.0	26.5	31.7	29.1	31.9	29.2
11	25.8	23.5	27.5	25.4	27.7	25.8	28.4	26.6	31.7	29.5	32.1	30.1
12	25.5	23.6	27.5	25.4	28.1	27.1	29.6	27.1	31.1	29.9	31.9	30.6
13	25.5	24.3	28.1	25.7	30.2	26.9	29.6	27.0	31.5	29.6	31.4	30.2
14	24.9	23.8	27.1	25.1	31.1	27.8	29.2	27.1	31.8	30.5	31.2	29.6
15	24.3	22.7	27.4	25.6	30.3	28.9	29.3	27.2	31.6	30.1	31.1	29.5
16	22.9	21.2	27.5	26.2	31.0	29.1	30.5	28.1	33.3	31.1	30.8	29.2
17	22.5	20.8	28.2	26.3	31.3	29.8	30.4	28.6	33.3	31.5	30.9	28.6
18	24.5	21.0	28.1	25.8	31.3	30.2	30.8	28.9	33.1	30.6	30.8	28.7
19	24.4	22.1	28.7	26.1	31.8	29.9	31.2	29.3	32.9	30.1	30.7	29.1
20	24.8	22.6	29.1	26.7	30.9	28.9	31.0	28.8	32.9	30.3	29.8	28.4
21	25.2	22.8	29.7	27.5	29.7	28.2	31.2	28.7	32.7	30.5	29.0	27.7
22	25.9	23.4	30.1	28.0	28.7	26.8	32.0	29.6	32.6	29.7	28.2	27.5
23	25.6	24.0	29.9	28.1	28.2	26.6	32.1	29.9	32.7	30.1	28.3	27.2
24	24.9	23.2	29.1	27.8	28.5	26.4	32.3	29.7	31.7	29.2	29.6	27.4
25	24.5	22.0	29.4	27.6	29.0	27.0	31.5	28.5	30.9	29.5	30.2	28.0
26	23.9	22.3	28.3	27.1	30.5	27.9	31.3	29.6	30.2	28.8	31.0	28.6
27	24.4	22.2	28.6	26.7	30.0	28.9	32.4	30.3	29.3	28.2	31.0	29.2
28	25.4	22.6	29.5	27.6	30.3	28.4	31.7	30.9	30.2	28.0	29.9	28.7
29	25.7	23.4	30.5	28.3	29.0	27.8	31.1	30.2	30.8	28.8	30.0	28.0
30	26.9	24.0	31.3	29.1	29.1	27.2	31.3	29.7	31.5	29.6	30.4	28.2
31	---	---	30.6	28.8	---	---	31.4	29.7	31.5	30.4	---	---
MONTH	26.9	20.8	31.3	23.5	31.8	25.5	33.1	26.5	33.3	28.0	32.1	27.2
YEAR	33.3	12.4										

02300029 BRADEN RIVER AT LORRAINE, FL.

LOCATION.--Lat 27° 25'05", long 82° 23'55" (1927 North American datum), in SW$^{1}/_{4}$ sec.22, T.35 S., R.19 E., Manatee County, Hydrologic Unit 03100202, on north bank, 100 ft upstream from old wooden bridge on Lorraine Road, 1 mi south of Lorraine, 1 mi south of State Highway 70, and 16.5 mi upstream from mouth.

DRAINAGE AREA.--20.1 mi^2.

PERIOD OF RECORD.--March 2002 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 30.15 ft, June 22, 2003; minimum, 19.33 ft, July 14, 2004.

EXTREMES FOR CURRENT YEAR.-Maximum gage height, 29.58 ft, Feb. 28; minimum, 19.44 ft, Nov. 12.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.97	19.72	19.70	20.45	19.91	26.15	19.96	20.60	21.01	25.14	20.66	20.22
2	21.43	19.67	19.69	20.42	19.89	24.01	20.36	20.94	22.62	23.37	20.83	20.36
3	21.00	19.64	19.70	20.33	19.85	22.64	21.13	20.65	22.95	22.57	20.65	20.39
4	20.70	19.62	19.81	20.33	19.82	22.04	20.80	20.51	22.89	21.68	20.48	20.34
5	20.53	19.65	19.79	20.29	19.88	21.76	20.53	20.94	25.43	21.12	20.36	20.23
6	20.46	19.67	19.79	20.21	19.84	21.31	20.34	21.04	23.40	20.80	22.15	20.15
7	20.38	19.67	19.97	20.11	19.85	21.04	20.27	20.74	22.06	20.61	22.75	20.09
8	20.24	19.66	19.94	20.09	19.85	20.88	20.40	20.47	21.39	20.46	23.37	20.06
9	20.11	19.62	19.88	20.16	19.84	20.83	20.58	20.27	23.71	20.77	22.30	20.03
10	20.06	19.58	19.60	20.10	19.83	21.48	20.41	20.16	24.34	21.88	21.31	19.99
11	20.14	19.56	19.74	20.09	19.84	21.43	20.28	20.03	27.40	22.19	20.90	19.97
12	20.92	19.54	19.73	20.09	19.83	20.98	20.17	19.76	27.49	25.03	20.69	19.95
13	21.13	19.65	19.76	19.92	19.81	20.67	20.12	19.66	26.79	24.62	20.70	19.93
14	20.84	19.76	19.78	20.18	19.79	20.55	20.08	19.61	24.73	26.38	21.05	19.91
15	20.65	19.78	19.71	21.05	19.80	20.46	20.02	19.55	23.00	25.14	20.83	19.89
16	20.60	19.80	19.69	21.05	19.71	20.35	19.99	19.53	22.13	23.26	20.61	19.88
17	20.48	19.80	19.67	20.75	19.75	25.02	19.95	19.60	21.90	22.29	20.44	19.88
18	20.31	19.74	19.68	20.57	19.82	27.91	19.89	21.68	21.37	23.80	20.30	19.86
19	20.19	19.79	19.71	20.43	19.72	25.53	19.82	21.66	20.95	22.21	20.23	19.85
20	20.10	19.77	19.74	20.35	19.70	23.50	19.84	21.56	20.66	23.07	20.17	19.85
21	19.99	19.72	19.78	20.41	19.68	22.26	19.84	21.42	20.50	22.83	20.22	19.87
22	19.94	19.73	19.81	20.46	19.75	21.48	19.81	21.31	21.14	22.03	22.34	19.93
23	19.84	19.77	19.77	20.43	19.74	21.25	19.81	21.20	21.69	21.32	22.38	19.99
24	19.87	19.76	19.83	20.34	19.70	21.29	19.80	21.07	20.82	21.19	21.36	20.00
25	19.84	19.77	20.67	20.10	19.73	21.03	19.77	20.99	20.57	21.72	20.86	19.97
26	19.82	19.84	24.52	20.10	19.71	20.76	19.81	20.89	20.45	21.98	20.62	19.94
27	19.84	19.79	22.65	20.19	22.87	20.60	22.07	20.78	20.34	21.50	20.47	19.92
28	19.87	19.78	21.62	20.11	28.70	20.50	22.37	20.75	20.55	21.05	20.42	20.05
29	19.83	19.79	21.13	19.98	---	20.41	21.13	20.73	22.89	20.85	20.39	20.83
30	19.80	19.75	20.84	19.89	---	20.30	20.64	20.58	25.81	20.67	20.33	21.39
31	19.76	---	20.63	19.95	---	20.15	---	20.46	---	20.52	20.26	---
MEAN	20.34	19.71	20.20	20.29	20.22	21.89	20.33	20.62	22.70	22.32	20.98	20.09
MAX	21.97	19.84	24.52	21.05	28.70	27.91	22.37	21.68	27.49	26.38	23.37	21.39
MIN	19.76	19.54	19.60	19.89	19.68	20.15	19.77	19.53	20.34	20.46	20.17	19.85

02300032 BRADEN RIVER NEAR LORRAINE, FL.

LOCATION.--Lat 27° 25'20", long 82° 25'00" (1927 North American datum), in SE$^{1}/_{4}$ sec.20, T.35 S., R.19 E., Manatee County, Hydrologic Unit 03100202, 0.7 mi south of State Highway 70, 1.4 mi southwest of Lorraine, and 14.8 mi upstream from mouth.

DRAINAGE AREA.--25.8 mi^2.

PERIOD OF RECORD.--July 1988 to current year.

GAGE.--Water-stage recorder. Datum of gage is 3.79 ft below National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark), and 2.82 ft below NAVD88 (differential GPS).

REMARKS.--Records poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	57	3.3	2.5	13	3.4	348	7.1	22	54	272	14	12
2	39	3.0	2.4	12	3.2	140	16	27	111	137	16	23
3	28	2.6	2.3	10	2.9	83	24	21	110	93	e22	17
4	21	2.4	2.4	9.3	2.8	62	17	16	109	54	e19	11
5	18	2.9	2.3	8.5	2.8	51	11	24	305	34	e16	e10
6	15	2.5	2.1	7.7	2.5	38	8.0	26	142	23	e25	e9.6
7	13	2.2	3.0	7.3	2.5	29	6.8	18	77	17	e39	e8.6
8	9.2	2.0	3.2	7.6	2.6	24	12	13	52	e16	e62	e7.2
9	7.2	1.8	3.1	6.3	2.6	24	12	9.1	132	e28	54	e7.8
10	6.1	1.8	2.2	5.6	2.6	36	8.8	6.9	167	e54	24	e5.8
11	7.4	1.6	2.2	5.0	2.4	35	6.4	5.8	779	e60	13	e4.6
12	23	1.5	1.8	4.9	2.3	25	5.0	5.6	892	e192	10	e5.3
13	30	1.5	1.7	4.4	2.3	18	4.2	5.0	673	e323	9.7	e5.8
14	21	1.5	2.2	24	2.3	14	3.5	e3.5	260	e359	16	e4.3
15	18	1.4	1.5	31	2.7	12	e3.7	e3.7	141	228	14	e5.6
16	17	1.4	1.4	28	2.4	10	e3.6	e5.0	95	110	e8.6	e5.6
17	14	1.3	1.3	19	2.3	452	e3.4	6.5	73	79	e12	e5.8
18	11	1.4	2.0	14	2.9	902	e3.3	46	49	155	e22	e4.6
19	9.8	1.5	1.6	11	2.3	259	e3.2	18	33	77	e20	e4.3
20	e9.0	1.4	1.6	9.0	2.2	122	e3.2	9.9	22	102	e16	e4.1
21	e8.5	1.4	1.5	9.3	2.2	73	e3.4	7.1	16	91	e14	e4.8
22	e7.8	1.4	1.6	10	2.2	51	e3.6	5.7	e21	58	e12	e5.6
23	e6.7	1.3	1.6	9.3	2.1	42	e3.0	5.1	40	32	e16	e6.6
24	e5.9	1.2	2.6	7.7	2.0	42	e3.1	e4.8	21	25	e70	e6.9
25	e5.4	1.3	44	5.7	1.9	35	e3.5	e4.4	13	60	e37	e5.3
26	4.7	1.1	160	5.3	1.9	27	e12	e4.3	e11	74	25	e2.5
27	4.8	1.4	78	5.8	305	21	80	e4.7	e10	45	18	e3.8
28	5.0	3.8	43	5.2	e1,360	17	76	e4.8	e23	28	15	e5.1
29	4.8	3.6	28	4.4	---	13	34	e4.5	152	21	11	e10
30	4.2	3.0	21	4.0	---	11	19	e4.2	417	15	10	e12
31	3.8	---	16	3.6	---	8.6	---	e8.6	---	e12	10	---
TOTAL	435.3	58.5	440.1	307.9	1,729.3	3,024.6	399.8	350.2	5,000	2,874	670.3	224.6
MEAN	14.0	1.95	14.2	9.93	61.8	97.6	13.3	11.3	167	92.7	21.6	7.49
MAX	57	3.8	160	31	1,360	902	80	46	892	359	70	23
MIN	3.8	1.1	1.3	3.6	1.9	8.6	3.0	3.5	10	12	8.6	2.5
CFSM	0.54	0.08	0.55	0.38	2.39	3.78	0.52	0.44	6.46	3.59	0.84	0.29
IN.	0.63	0.08	0.63	0.44	2.49	4.36	0.58	0.50	7.21	4.14	0.97	0.32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2005, BY WATER YEAR (WY)

MEAN	22.5	20.1	19.9	17.9	19.2	24.5	14.1	12.6	61.2	84.8	93.9	78.8
MAX	114	208	172	90.1	100	160	61.6	154	264	255	340	212
(WY)	(1991)	(1998)	(1998)	(1998)	(1998)	(1998)	(1993)	(1991)	(1992)	(2001)	(2003)	(2004)
MIN	4.50	0.79	0.93	0.54	0.37	0.35	0.25	0.16	0.28	7.72	10.3	4.43
(WY)	(2001)	(1997)	(2002)	(1997)	(1997)	(1997)	(1999)	(2000)	(2000)	(2000)	(1996)	(1996)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1989 - 2005	
ANNUAL TOTAL	19,727.94		15,514.6			
ANNUAL MEAN	53.9		42.5		39.2	
HIGHEST ANNUAL MEAN					75.3	2003
LOWEST ANNUAL MEAN					12.0	2000
HIGHEST DAILY MEAN	1,300	Jul 21	1,360	Feb 28	2,930	Jun 26, 1992
LOWEST DAILY MEAN	0.20	Jun 2	1.1	Nov 26	0.08	May 28, 2000
ANNUAL SEVEN-DAY MINIMUM	0.22	May 29	1.3	Nov 20	0.10	May 28, 2000
MAXIMUM PEAK FLOW			1,710	Feb 28	3,120	Jun 26, 1992
MAXIMUM PEAK STAGE			*24.99	Feb 28	27.90	Jun 26, 1992
ANNUAL RUNOFF (CFSM)	2.09		1.65		1.52	
ANNUAL RUNOFF (INCHES)	28.44		22.37		20.66	
10 PERCENT EXCEEDS	128		81		86	
50 PERCENT EXCEEDS	4.7		9.8		6.0	
90 PERCENT EXCEEDS	0.76		2.2		0.73	

e Estimated
* From high water mark

02300032 BRADEN RIVER NEAR LORRAINE, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--May 1993 to September 1997; December 1999 to September 2001; October 2001 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15--minute-interval, mounted on wooden platform with the top of funnel 6 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2001 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	0.00	0.00	0.00	0.00	0.10	0.00	0.64	1.78	0.00	0.00	0.62
2	---	0.00	0.00	0.00	0.00	0.00	0.82	0.01	0.91	0.15	0.00	0.29
3	---	0.00	0.00	0.00	0.00	0.22	0.00	0.02	0.13	0.00	0.00	0.00
4	---	0.00	0.00	0.00	0.02	0.04	0.00	0.43	1.34	0.00	0.00	0.00
5	0.00	0.29	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.53	0.07
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.00	0.28	0.00
8	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.87	0.33	0.01	0.00
9	0.00	0.05	0.00	0.00	0.00	0.62	0.00	0.00	0.01	1.02	0.01	0.00
10	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.71	0.34	0.00	0.00
11	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.23	1.89	0.02	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.67	0.00	0.01	0.00
13	0.00	0.00	0.00	0.00	0.00	0.01	0.13	0.00	0.01	0.41	0.01	0.00
14	0.00	0.00	0.01	0.90	0.00	0.05	0.00	0.17	0.00	0.34	0.16	0.00
15	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.96	0.07	0.00	0.00
16	0.00	0.00	0.00	0.02	0.00	0.90	0.00	0.67	0.00	0.17	0.03	0.00
17	0.00	0.00	0.11	0.00	0.00	3.01	0.00	0.00	0.00	1.04	0.01	0.00
18	0.00	0.00	0.01	0.00	0.00	0.00	0.00	2.36	0.00	0.03	0.09	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.26	0.00	0.32
21	0.01	0.00	0.00	0.00	0.03	0.01	0.00	0.00	0.10	0.11	1.63	0.35
22	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.68	0.14
23	0.00	0.00	0.04	0.00	0.00	0.30	0.01	0.00	0.03	0.00	1.64	0.03
24	0.00	0.12	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.01	0.00
25	0.00	0.06	2.64	0.00	0.05	0.00	0.00	0.00	0.00	1.75	0.09	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	1.31	0.00	0.00	0.00	0.00	0.00
27	0.00	0.83	0.00	0.00	6.23	0.00	0.92	0.00	0.01	0.00	0.06	0.05
28	0.00	0.01	0.00	0.00	0.00	0.04	0.00	0.00	1.83	0.02	0.00	0.82
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.41	0.08	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	1.34	0.03	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	1.25	---	0.32	0.00	---
TOTAL	---	1.36	2.84	0.93	6.36	5.33	3.71	5.80	14.01	7.19	5.26	2.69

023000358 BRADEN RIVER AT LINGER LODGE NEAR BRADENTON, FL.

LOCATION.--Lat 27° 24'45", long 82° 26'56" (1927 North American datum), in NE$^{1}/_{4}$ sec.25, T.35 S., R.18 E., Manatee County, Hydrologic Unit 03100202, on north bank at Linger Lodge RV park, 0.5 mi east of I-75, 4.5 miles upstream from Ward Lake weir station, and 15.5 mi southeast of Bradenton.

DRAINAGE AREA.--45.3 mi^2.

PERIOD OF RECORD.--March 2002 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 9.44 ft, June 23, 2003; minimum, 0.32 ft, June 5, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.84 ft, Feb. 28; minimum, 2.86 ft, Dec. 23.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.01	3.75	3.28	3.81	3.73	5.19	3.79	3.85	4.31	4.74	3.88	3.79
2	3.97	3.74	3.27	3.80	3.72	4.24	3.86	3.87	4.54	4.27	3.87	3.85
3	3.93	3.73	3.26	3.80	3.71	4.03	3.87	3.85	4.33	4.14	3.85	3.84
4	3.90	3.71	3.24	3.79	3.72	3.98	3.84	3.85	4.29	4.02	3.84	3.81
5	3.88	3.73	3.21	3.78	3.70	3.94	3.82	3.89	5.20	3.96	3.82	3.79
6	3.87	3.72	3.18	3.78	3.69	3.90	3.80	3.88	4.48	3.92	3.86	3.77
7	3.86	3.70	3.15	3.78	3.66	3.87	3.79	3.85	4.13	3.90	3.97	3.76
8	3.84	3.68	3.14	3.78	3.65	3.86	3.84	3.82	4.07	3.88	3.99	3.74
9	3.83	3.65	3.14	3.77	3.64	3.87	3.84	3.80	4.49	3.97	3.96	3.73
10	3.83	3.61	3.14	3.76	3.63	3.91	3.82	3.79	4.48	4.07	3.89	3.71
11	3.84	3.58	3.14	3.76	3.61	3.89	3.80	3.78	6.06	4.06	3.86	3.68
12	3.89	3.55	3.10	3.76	3.59	3.86	3.78	3.77	6.64	4.21	3.85	3.64
13	3.89	3.52	3.08	3.75	3.57	3.83	3.78	3.75	6.12	4.36	3.83	3.61
14	3.87	3.48	3.06	3.87	3.55	3.82	3.77	3.74	4.87	4.92	3.87	3.58
15	3.87	3.44	3.02	3.91	3.53	3.82	3.75	3.75	4.60	4.64	3.87	3.53
16	3.86	3.40	2.98	3.88	3.52	3.81	3.73	3.75	4.43	4.30	3.83	3.49
17	3.84	3.38	2.96	3.85	3.50	5.11	3.72	3.75	4.22	4.17	3.84	3.45
18	3.82	3.35	2.96	3.83	3.49	6.32	3.71	4.17	4.07	4.33	3.85	3.42
19	3.81	3.32	2.95	3.82	3.45	4.70	3.69	3.91	4.00	4.13	3.85	3.37
20	3.81	3.30	2.94	3.79	3.42	4.16	3.66	3.85	3.96	4.14	3.82	3.33
21	3.81	3.28	2.90	3.79	3.40	4.00	3.64	3.81	3.93	4.11	3.85	3.30
22	3.80	3.25	2.88	3.78	3.38	3.93	3.62	3.79	3.92	4.03	3.99	3.31
23	3.79	3.22	2.87	3.79	3.35	3.92	3.60	3.78	3.95	3.96	4.16	3.31
24	3.78	3.19	2.89	3.77	3.32	3.92	3.57	3.77	3.91	3.93	4.19	3.33
25	3.77	3.22	3.19	3.76	3.30	3.90	3.53	3.76	3.89	4.02	3.99	3.32
26	3.78	3.17	4.19	3.75	3.28	3.87	3.51	3.74	3.87	4.18	3.90	3.30
27	3.78	3.15	3.99	3.76	4.49	3.85	4.04	3.73	3.87	4.02	3.86	3.27
28	3.77	3.25	3.89	3.76	7.35	3.85	4.00	3.71	3.92	3.96	3.83	3.34
29	3.77	3.28	3.85	3.75	---	3.83	3.88	3.68	4.21	3.92	3.80	3.64
30	3.76	3.30	3.83	3.74	---	3.81	3.82	3.65	5.11	3.92	3.79	3.79
31	3.75	---	3.82	3.74	---	3.79	---	3.79	---	3.89	3.79	---
MEAN	3.84	3.46	3.24	3.79	3.71	4.09	3.76	3.80	4.46	4.13	3.89	3.56
MAX	4.01	3.75	4.19	3.91	7.35	6.32	4.04	4.17	6.64	4.92	4.19	3.85
MIN	3.75	3.15	2.87	3.74	3.28	3.79	3.51	3.65	3.87	3.88	3.79	3.27

02300042 WARD LAKE OUTFALL NEAR BRADENTON, FL.

LOCATION.--Lat 27° 26'28", long 82° 29'16" (1927 North American datum), in NE$^{1}/_{4}$ sec.15, T.35 S., R.18 E., Manatee County, Hydrologic Unit 03100202, on west shore of lake, 40 ft upstream from control structure, and 5 mi southeast of Bradenton.

SURFACE AREA.--57.6 acres (0.09mi^2).

DRAINAGE AREA.--59.5 mi^2, approximately.

PERIOD OF RECORD.--November 1942 to September 1947 (four times weekly); August 1976 to current year. Records of elevations priod to August 1976 are available in files of the Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1987, on east shore of lake at same datum; Oct. 1, 1987, to Apr. 9, 1992, on west shore of lake at same datum.

REMARKS.--Records fair. Discharge affected by diversion by city of Bradenton. Records of gage height are published as elevations for Ward Lake (station 02300042) in the section of this report entitled LAKE ELEVATIONS.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	277	11	0.00	39	6.8	716	0.00	69	270	314	81	5.4
2	225	11	0.00	35	5.3	204	5.2	88	642	245	62	10
3	183	7.6	0.00	31	3.3	86	8.4	72	595	150	46	19
4	147	3.7	0.00	30	2.5	53	3.6	53	397	86	33	17
5	110	3.1	0.00	25	1.6	30	0.93	87	661	47	26	10
6	95	2.2	0.00	25	0.30	18	0.11	86	642	24	21	6.8
7	84	0.70	0.00	25	0.00	12	0.17	65	380	12	44	3.0
8	70	0.05	0.00	25	0.00	5.7	2.7	45	261	6.8	88	0.99
9	62	0.00	0.00	19	0.00	8.9	2.5	31	343	17	120	0.07
10	59	0.00	0.00	14	0.00	18	0.92	22	483	91	98	0.00
11	59	0.00	0.00	15	0.00	16	0.08	17	920	150	66	0.00
12	100	0.00	0.00	14	0.00	5.5	0.00	15	1,470	146	50	0.00
13	103	0.00	0.00	15	0.00	2.2	0.04	10	1,320	319	38	0.00
14	95	0.00	0.00	88	0.00	0.82	0.00	4.7	830	869	33	0.00
15	88	0.00	0.00	114	0.00	0.73	0.00	4.8	448	826	37	0.00
16	77	0.00	0.00	84	0.00	1.0	0.00	4.1	479	632	31	0.00
17	63	0.00	0.00	62	0.00	605	0.00	3.3	274	492	25	0.00
18	54	0.00	0.00	48	0.00	1,080	0.00	198	140	419	27	0.00
19	51	0.00	0.00	38	0.00	402	0.00	154	77	353	45	0.00
20	47	0.00	0.00	33	0.00	123	0.00	79	42	280	40	0.00
21	46	0.00	0.00	29	0.00	54	0.00	45	24	264	28	0.00
22	40	0.00	0.00	31	0.00	28	0.00	27	14	212	62	0.00
23	31	0.00	0.00	25	0.00	24	0.00	18	11	152	111	0.00
24	26	0.00	0.00	21	0.00	23	0.00	13	11	112	195	0.00
25	20	0.00	0.49	15	0.00	18	0.00	9.9	6.1	104	170	0.00
26	21	0.00	300	14	0.00	10	0.00	4.9	2.6	229	125	0.00
27	20	0.00	196	14	503	7.0	135	2.4	0.88	239	78	0.00
28	20	0.00	106	17	1,910	2.6	222	0.53	2.6	167	50	0.00
29	20	0.00	72	12	---	1.2	121	0.03	29	125	29	0.00
30	18	0.00	57	8.9	---	0.34	67	0.00	155	120	16	0.00
31	13	---	48	5.7	---	0.03	---	6.5	---	107	9.2	---
TOTAL	2,324	39.35	779.49	971.6	2,432.80	3,556.02	569.65	1,235.16	10,930.18	7,309.8	1,884.2	72.26
MEAN	75.0	1.31	25.1	31.3	86.9	115	19.0	39.8	364	236	60.8	2.41
MAX	277	11	300	114	1,910	1,080	222	198	1,470	869	195	19
MIN	13	0.00	0.00	5.7	0.00	0.03	0.00	0.00	0.88	6.8	9.2	0.00
IN.	1.45	0.02	0.49	0.61	1.52	2.22	0.36	0.77	6.83	4.57	1.18	0.05

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2005, BY WATER YEAR (WY)

MEAN	58.3	52.0	49.4	48.8	36.9	52.8	21.1	11.0	100	183	266	220
MAX	140	452	408	261	243	361	127	46.4	511	485	699	503
(WY)	(1996)	(1998)	(1998)	(1998)	(1998)	(1998)	(1993)	(1997)	(2003)	(2001)	(2003)	(2001)
MIN	12.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.7	1.71
(WY)	(2001)	(1997)	(1994)	(1997)	(1997)	(1997)	(1999)	(1998)	(1998)	(1998)	(1996)	(1996)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1993 - 2005	
ANNUAL TOTAL	40,755.45		32,104.51			
ANNUAL MEAN	111		88.0		92.0	
HIGHEST ANNUAL MEAN					191	2003
LOWEST ANNUAL MEAN					20.8	2000
HIGHEST DAILY MEAN	1,750	Sep 7	1,910	Feb 28	4,580	Nov 14, 1997
LOWEST DAILY MEAN	0.00	Many days	0.00	Many days	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.00	Jan 9	0.00	Nov 9	0.00	Nov 8, 1992
MAXIMUM PEAK FLOW			2,120	Feb 28	7,350	Jun 26, 1992
MAXIMUM PEAK STAGE			4.77	Feb 28	5.67	Jun 26, 1992
ANNUAL RUNOFF (INCHES)	25.48		20.07		21.01	
10 PERCENT EXCEEDS	355		241		251	
50 PERCENT EXCEEDS	5.4		15		4.1	
90 PERCENT EXCEEDS	0.00		0.00		0.00	

02300042 WARD LAKE OUTFALL NEAR BRADENTON, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--June 11, 1992 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15--minute interval, mounted on post 50 ft west of stream gage structure with the top of funnel 8 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards of the National Weather Service. Records of precipitation prior to October 1, 2001 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	---	---	1.54	0.00	0.03	0.04
2	0.00	0.00	0.00	0.00	0.00	0.00	---	---	0.96	0.54	0.00	0.29
3	0.00	0.00	0.00	0.00	0.00	0.20	---	---	0.05	0.01	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.03	---	---	0.79	0.03	0.06	0.00
5	0.04	0.19	0.00	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.00
6	0.02	0.00	0.00	0.00	0.00	0.00	---	---	0.05	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	---	---	0.00	0.03	0.72	0.01
8	0.00	0.00	0.00	0.00	0.00	0.02	---	---	0.79	0.22	0.00	0.00
9	0.00	0.03	0.00	0.00	0.00	0.55	---	---	0.04	0.98	0.26	0.01
10	0.00	0.00	0.24	0.00	0.01	0.01	---	---	0.49	0.28	0.10	0.00
11	0.85	0.00	0.00	0.00	0.00	0.00	---	---	1.39	0.04	0.05	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	---	0.14	0.34	0.08	0.00	0.02
13	0.00	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	4.13	0.01	0.00
14	0.04	0.00	0.00	1.42	0.00	0.00	---	0.14	0.00	0.41	0.47	0.00
15	0.33	0.00	0.00	0.00	0.00	0.00	---	0.00	1.36	0.63	0.00	0.03
16	0.00	0.00	0.00	0.01	0.00	0.91	---	0.13	0.04	0.67	0.07	0.00
17	0.00	0.00	0.10	0.00	0.00	2.83	---	0.00	0.00	0.32	0.42	0.00
18	0.00	0.00	0.01	0.00	0.00	0.00	---	0.74	0.00	0.02	0.45	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	---	0.08	0.00	0.38	0.01	0.00
20	0.00	0.00	0.00	0.00	0.00	0.02	---	0.00	0.02	0.06	0.00	0.01
21	0.08	0.00	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.40	0.44
22	0.01	0.00	0.00	0.00	0.00	---	---	0.00	0.01	0.01	0.03	0.12
23	0.00	0.00	0.04	0.01	0.00	---	---	0.15	0.11	0.00	0.03	0.10
24	0.00	0.48	0.01	0.00	0.00	---	---	0.00	0.00	0.32	0.17	0.00
25	0.00	0.01	2.80	0.00	0.04	---	---	0.00	0.08	0.87	0.21	0.00
26	0.01	0.00	0.01	0.00	0.00	---	---	0.13	0.00	0.00	0.00	0.03
27	0.00	0.71	0.00	0.00	4.56	---	---	0.00	0.71	0.00	0.06	0.00
28	0.00	0.01	0.00	0.00	0.02	---	---	0.00	0.43	0.24	0.00	0.73
29	0.00	0.00	0.00	0.00	---	---	---	0.00	0.02	0.63	0.00	0.02
30	0.00	0.00	0.00	0.00	---	---	---	0.12	0.08	0.01	0.00	0.00
31	0.00	---	0.00	0.00	---	---	---	1.33	---	0.00	0.00	---
TOTAL	1.38	1.43	3.21	1.44	4.63	---	---	---	9.30	10.91	3.55	1.85

CAL YR 2004 TOTAL 55.82

02300044 BRADEN RIVER NEAR ELWOOD PARK, FL.

LOCATION.--Lat 27° 26'44", long 82° 29'28" (1927 North American datum), in NW$^{1}/_{4}$ sec.15, T.35 S., R.18 E., Manatee County, Hydrologic Unit 03100202, on right bank, 250 ft upstream from State Highway 70 bridge, 0.5 mi downstream from Ward Lake Outfall, 1.6 mi south of Elwood Park, 6 miles upstream from mouth, and 6.2 mi southeast of Bradenton.

DRAINAGE AREA.--59.5 mi^2, approximately.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--April 1992 to September 2003 (gage heights only), incomplete; October 2003 to current year (tidal high-high and low-low only). Records of gage height prior to October 1993 are available in files of the Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 10.00 ft below National Geodetic Vertical Datum of 1929 (Manatee County bench mark). Prior to June 5, 1998, on left bank 50 ft upstream of State Highway 70 bridge, 250 ft downstream at same datum.

REMARKS.--Interruptions in record were due to days in which a tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low. The extremes for periods published previously as maximum and minimum gage heights are equivalent to tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.56 ft, Sept. 14, 2001; minimum, 8.38 ft, Feb. 5, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.58 ft, Dec. 26; minimum, 8.51 ft, Dec. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	12.29	9.90	---	---	11.88	9.29	11.08	9.26	---	---	---	---
2	12.07	9.76	---	---	11.49	9.33	11.22	9.50	---	---	---	---
3	11.89	9.67	---	---	11.39	9.30	11.17	9.46	---	---	---	---
4	12.01	9.91	---	---	11.15	9.41	---	---	---	---	---	---
5	11.87	9.81	---	---	11.05	9.34	---	---	---	---	---	---
6	11.72	9.73	---	---	11.35	9.84	11.73	9.23	---	---	---	---
7	11.39	9.48	---	---	11.76	9.65	11.81	9.15	---	---	---	---
8	11.72	9.88	---	---	11.51	9.57	11.99	9.09	---	---	12.17	9.75
9	12.12	10.15	---	---	11.96	9.19	---	8.96	---	---	10.70	9.23
10	12.03	10.31	---	---	12.32	9.37	11.96	9.02	---	---	11.63	9.30
11	12.53	10.12	---	---	11.47	9.70	12.18	9.11	---	---	11.81	9.65
12	12.19	10.38	---	---	11.85	8.84	12.45	9.26	---	---	11.43	9.42
13	12.32	10.38	13.03	9.69	11.91	9.03	12.26	9.42	---	---	11.54	9.82
14	12.21	9.94	12.51	9.20	12.16	9.13	12.50	9.70	---	---	11.41	---
15	12.52	10.31	11.56	8.97	10.75	8.51	10.77	9.28	---	---	11.45	---
16	12.15	9.55	12.01	9.22	10.66	8.83	10.55	9.46	---	---	12.05	9.19
17	12.22	9.51	12.10	9.42	11.00	9.19	10.75	9.12	---	---	11.96	9.85
18	12.26	9.53	---	---	11.10	9.52	10.81	9.07	---	---	11.39	10.93
19	12.51	9.66	---	---	11.23	9.65	11.58	---	---	---	10.91	9.86
20	---	---	---	---	10.52	9.18	11.86	9.09	---	---	11.67	9.39
21	---	---	11.68	10.26	11.34	9.14	12.08	9.53	---	---	11.75	9.48
22	---	---	11.94	9.96	11.91	9.13	---	9.45	---	---	11.87	9.66
23	---	---	11.69	9.92	11.83	9.48	12.34	10.08	---	---	11.25	9.67
24	---	---	13.12	9.97	11.28	9.27	10.99	8.90	---	---	11.92	9.67
25	---	---	11.83	10.61	10.82	8.93	11.67	9.18	---	---	11.55	9.64
26	---	---	11.77	9.21	13.58	9.52	11.99	9.56	---	---	11.68	9.59
27	---	---	---	9.31	10.66	8.93	12.13	9.47	---	---	11.78	9.68
28	---	---	12.76	9.54	10.87	8.82	---	---	---	---	12.38	11.17
29	---	---	---	---	11.24	9.04	---	---	---	---	11.67	9.74
30	---	---	---	9.19	11.39	9.04	---	---	---	---	11.74	9.25
31	---	---	---	---	11.52	9.26	---	---	---	---	12.01	9.19
MAX	---	---	---	---	13.58	9.84	---	---	---	---	---	---
MIN	---	---	---	---	10.52	8.51	---	---	---	---	---	---

02300044 BRADEN RIVER NEAR ELWOOD PARK, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	12.06		9.25		12.44		9.50		11.90		10.24		11.99		10.00		11.99		9.61		---		---	
2	11.89		9.33		11.71		9.70		11.95		10.21		12.07		9.80		---		9.64		---		---	
3	11.25		9.04		11.46		9.51		12.06		9.98		12.21		9.65		---		---		---		---	
4	11.51		9.06		11.69		9.73		12.14		9.95		12.03		9.52		---		---		---		---	
5	11.03		9.23		12.10		9.72		12.32		10.07		12.31		9.59		---		---		---		---	
6	11.80		9.58		11.60		9.46		12.29		9.79		12.56		9.69		---		---		---		---	
7	11.73		9.72		11.59		9.38		12.30		9.57		12.37		9.69		---		---		---		---	
8	12.21		9.82		12.20		9.58		12.22		---		12.30		10.69		---		---		---		---	
9	11.87		9.57		12.31		9.52		12.01		9.75		11.85		9.51		---		---		---		---	
10	11.86		9.99		12.43		---		11.63		9.83		13.11		10.50		---		---		---		---	
11	12.17		9.32		12.12		9.53		12.23		9.81		12.05		11.25		---		---		---		---	
12	12.35		10.67		12.19		9.35		12.08		11.07		11.94		9.72		---		---		---		---	
13	12.31		9.73		11.78		9.43		11.73		10.74		11.74		10.10		---		---		---		---	
14	12.13		9.60		12.08		9.33		11.69		10.32		11.73		10.57		---		---		---		---	
15	11.12		9.36		11.39		9.65		11.53		10.19		11.90		10.23		---		---		---		---	
16	11.01		8.96		11.51		9.69		11.71		10.36		12.00		10.00		---		---		---		---	
17	11.19		8.90		11.39		9.67		12.02		10.06		11.99		9.65		---		---		---		---	
18	11.17		9.12		11.34		9.83		12.17		9.84		12.29		9.70		---		---		---		---	
19	11.54		9.30		11.50		9.79		12.07		9.54		12.56		9.62		---		---		---		---	
20	11.47		9.56		11.90		10.04		12.03		9.35		12.63		9.69		---		---		---		---	
21	11.79		9.91		12.15		9.69		12.15		9.39		12.81		9.69		---		---		---		---	
22	11.93		9.96		12.01		9.55		12.57		9.33		12.80		9.76		---		---		13.49		10.24	
23	12.02		10.17		12.29		9.46		12.65		---		12.42		10.37		---		---		12.94		10.16	
24	11.83		9.59		12.61		9.52		12.30		9.45		12.25		9.67		---		---		12.42		---	
25	11.97		9.37		12.69		---		12.50		9.41		11.83		9.73		---		---		12.00		10.00	
26	12.31		10.26		12.53		9.36		12.19		9.58		11.56		10.03		---		---		11.90		10.07	
27	12.39		9.67		12.49		9.37		11.64		9.74		11.63		9.97		---		---		11.80		---	
28	11.77		9.57		12.19		9.45		11.58		9.81		11.59		9.66		---		---		---		---	
29	12.17		9.29		11.80		9.53		11.64		10.08		11.66		9.57		---		---		---		---	
30	12.09		9.47		11.80		9.60		11.75		10.30		11.71		9.46		---		---		---		---	
31	---		---		11.68		9.95		---		---		11.81		9.51		---		---		---		---	
MAX	12.39		10.67		12.69		---		12.65		---		13.11		11.25		---		---		---		---	
MIN	11.01		8.90		11.34		---		11.53		---		11.56		9.46		---		---		---		---	

02300044 BRADEN RIVER NEAR ELWOOD PARK, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 1993 to current year, incomplete. Records of specific conductance and temperature prior to October 1993 are available in files of the Geological Survey.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located 3.0 ft above the bottom and 1.0 ft above the bottom. Prior to June 5, 1998, sensors located 5.0 ft above the bottom, and 1.0 ft above the bottom at site on State Highway 70 bridge, 250 ft downstream.

REMARKS.--Temperature records fair, conductance records fair. Data collected at previous site on bridge is considered comparable to data collected at current site on right bank.

EXTREMES FOR PERIOD OF PERIOD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 48,900 microsiemens, June 14, 2000; bottom sensor maximum, 49,200 microsiemens, June 12, 2000; top sensor minimum, 101 microsiemens, Nov. 15, 1997; bottom sensor minimum, 84 microsiemens, Sept. 23, 2004.

TEMPERATURE.--Top sensor maximum, 38.2° C, June 5, 1998; bottom sensor maximum, 35.2° C, Aug. 16, 1998; top sensor minimum, 11.1° C, Feb. 5, 1996; bottom sensor minimum, 12.0° C, Jan. 11, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 28,100 microsiemens, Nov. 24; bottom sensor maximum, 28,000 microsiemens, Dec. 23; top sensor minimum, 255 microsiemens, June 13; bottom sensor minimum, 144 microsiemens, July 1, 2.

TEMPERATURE.--Top sensor maximum, 34.5° C, July 5; bottom sensor maximum, 33.6° C, Aug. 1; top sensor minimum, 15.0° C, Jan. 19; bottom sensor minimum, 14.0° C, Dec. 28.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	480	298	---	---	26,600	23,800	---	---	---	---	---	---
2	445	302	---	---	---	---	---	---	---	---	---	---
3	422	304	---	---	---	---	---	---	---	---	---	---
4	508	312	---	---	---	---	---	---	---	---	---	---
5	388	337	---	---	---	---	---	---	---	---	---	---
6	390	350	---	---	---	---	---	---	---	---	---	---
7	397	345	---	---	---	---	17,300	5,680	---	---	---	---
8	428	348	---	---	---	---	17,600	5,220	---	---	715	423
9	491	386	---	---	---	---	17,700	2,800	---	---	551	391
10	1,590	482	---	---	---	---	19,500	3,860	---	---	544	392
11	6,820	1,270	---	---	---	---	21,000	7,770	---	---	464	365
12	4,290	1,020	---	---	---	---	21,800	13,200	---	---	497	401
13	3,790	588	23,400	20,500	---	---	21,400	18,100	---	---	491	395
14	2,330	477	21,900	19,800	---	---	22,600	854	---	---	507	424
15	3,240	762	22,400	17,800	---	---	1,280	735	---	---	491	434
16	1,610	715	23,800	19,700	---	---	1,170	713	---	---	613	437
17	2,250	645	23,600	19,900	---	---	1,210	786	---	---	499	372
18	3,730	1,130	---	---	---	---	1,220	765	---	---	376	300
19	5,230	1,990	---	---	---	---	1,680	1,000	---	---	328	294
20	---	---	---	---	---	---	---	---	---	---	367	303
21	---	---	---	---	---	---	---	---	---	---	386	306
22	---	---	---	---	---	---	---	---	---	---	381	313
23	---	---	27,400	24,500	---	---	---	---	---	---	396	310
24	---	---	28,100	27,000	---	---	---	---	---	---	417	307
25	---	---	---	---	---	---	---	---	---	---	416	324
26	---	---	26,300	22,400	---	---	---	---	---	---	415	325
27	---	---	27,700	21,500	---	---	---	---	---	---	399	350
28	---	---	---	---	---	---	---	---	---	---	506	374
29	---	---	---	---	---	---	---	---	---	---	450	375
30	---	---	---	---	---	---	---	---	---	---	530	355
31	---	---	---	---	---	---	---	---	---	---	880	372
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02300044 BRADEN RIVER NEAR ELWOOD PARK, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	1,900	486	7,290	1,030	17,900	470	348	298	390	327	---	---
2	2,930	770	2,070	564	672	439	384	298	415	349	---	---
3	871	504	1,020	564	587	434	377	294	---	---	---	---
4	719	367	1,330	652	554	416	357	294	---	---	---	---
5	689	415	2,300	612	563	421	334	294	---	---	---	---
6	1,780	636	1,040	512	508	383	361	308	---	---	---	---
7	2,700	1,650	713	525	513	389	381	318	---	---	---	---
8	3,330	967	1,260	667	502	391	399	322	---	---	---	---
9	2,720	620	4,060	575	467	390	399	315	---	---	---	---
10	1,450	637	5,630	868	467	383	340	299	---	---	---	---
11	4,270	835	6,220	1,140	460	343	379	303	---	---	---	---
12	8,120	1,670	8,100	1,500	343	272	389	308	---	---	---	---
13	9,240	3,400	8,790	2,710	305	255	395	310	---	---	---	---
14	9,640	3,820	12,000	4,650	306	264	392	282	---	---	---	---
15	6,200	4,260	13,800	6,300	328	257	334	278	---	---	---	---
16	6,120	4,010	14,500	6,940	385	269	371	264	---	---	---	---
17	6,860	5,320	14,100	7,650	401	257	314	267	---	---	---	---
18	8,280	6,050	10,700	575	331	261	---	---	---	---	---	---
19	12,700	6,620	685	537	342	270	---	---	---	---	---	---
20	13,900	8,230	1,470	607	339	281	---	---	---	---	---	---
21	15,800	10,100	3,810	701	376	285	---	---	---	---	---	---
22	15,700	11,700	5,950	1,010	387	296	---	---	---	---	---	---
23	17,000	12,400	7,890	1,630	401	279	---	---	---	---	---	---
24	15,700	14,900	9,500	3,070	388	301	---	---	---	---	---	---
25	16,000	14,600	12,000	3,680	438	338	---	---	---	---	---	---
26	17,300	10,100	14,700	3,990	498	319	---	---	---	---	---	---
27	14,900	600	17,000	8,360	566	367	---	---	---	---	---	---
28	996	487	18,300	11,600	523	362	---	---	---	---	---	---
29	2,020	577	18,800	13,300	435	300	---	---	---	---	---	---
30	6,580	691	19,700	14,600	329	294	---	---	---	---	---	---
31	---	---	18,200	11,400	---	---	---	---	---	---	---	---
MONTH	17,300	367	19,700	512	17,900	255	---	---	---	---	---	---

02300044 BRADEN RIVER NEAR ELWOOD PARK, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	722	306	---	---	25,900	24,000	9,510	1,940	---	---	---	---
2	884	295	---	---	26,400	24,300	10,100	2,740	---	---	---	---
3	448	307	---	---	25,300	23,600	---	---	---	---	---	---
4	561	290	---	---	25,200	23,200	---	---	---	---	---	---
5	614	309	---	---	24,400	22,200	---	---	---	---	---	---
6	844	320	---	---	25,200	23,900	---	---	---	---	---	---
7	392	301	---	---	26,100	24,000	16,400	11,100	---	---	---	---
8	416	346	---	---	25,400	23,600	16,700	9,980	---	---	814	492
9	738	383	---	---	25,600	23,600	16,200	9,890	---	---	642	479
10	2,040	476	---	---	27,100	24,400	16,400	9,600	---	---	582	476
11	6,920	1,210	---	---	26,600	23,700	17,500	10,500	---	---	544	447
12	4,550	1,240	---	---	26,200	22,100	18,200	12,500	---	---	540	462
13	4,720	674	23,300	20,200	27,200	24,000	18,600	14,900	---	---	609	461
14	2,860	513	22,300	19,000	26,700	24,100	18,400	1,140	---	---	614	497
15	3,660	867	21,000	17,900	24,800	22,000	1,360	998	---	---	861	496
16	1,740	733	22,500	18,400	24,700	21,700	1,310	992	---	---	777	497
17	2,550	579	23,600	19,100	26,700	21,900	1,340	1,000	---	---	586	407
18	4,460	1,160	---	---	27,300	22,300	1,350	1,010	---	---	425	334
19	6,500	1,860	---	---	26,100	22,800	2,420	1,130	---	---	379	335
20	---	---	---	---	24,400	22,900	6,330	1,150	---	---	412	352
21	---	---	---	---	26,100	22,600	9,920	2,900	---	---	438	346
22	---	---	---	---	27,700	23,000	12,900	4,310	---	---	484	351
23	---	---	26,900	24,800	28,000	25,100	12,700	7,510	---	---	437	335
24	---	---	27,900	25,700	25,900	24,600	9,530	3,610	---	---	459	339
25	---	---	---	---	25,000	11,300	11,500	7,960	---	---	464	366
26	---	---	25,900	21,400	22,600	976	12,800	9,200	---	---	464	361
27	---	---	27,200	22,700	1,150	980	12,700	10,700	---	---	429	377
28	---	---	26,300	22,300	1,350	957	---	---	---	---	523	402
29	---	---	---	---	1,430	958	---	---	---	---	470	413
30	---	---	---	---	3,710	1,010	---	---	---	---	592	404
31	---	---	---	---	7,000	1,420	---	---	---	---	1,260	400
MONTH	---	---	---	---	28,000	957	---	---	---	---	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	3,620	575	9,030	1,320	22,600	473	344	144	396	342	---	---
2	3,060	943	4,430	642	680	443	409	144	448	351	---	---
3	949	575	1,630	595	591	431	386	298	---	---	---	---
4	772	503	4,220	721	570	419	359	298	---	---	---	---
5	947	485	3,740	708	577	420	366	309	---	---	---	---
6	2,290	788	1,350	535	491	387	552	330	---	---	---	---
7	2,760	1,770	705	600	552	397	428	325	---	---	---	---
8	3,740	1,000	1,760	665	512	397	409	328	---	---	---	---
9	3,230	671	4,730	663	477	394	398	318	---	---	---	---
10	2,180	641	6,770	863	478	389	557	221	---	---	---	---
11	4,580	837	7,200	1,280	476	345	398	311	---	---	---	---
12	9,600	1,730	9,040	1,590	345	272	393	315	---	---	---	---
13	11,000	3,940	10,800	3,030	307	256	421	307	---	---	---	---
14	11,300	4,420	14,300	5,850	310	268	425	284	---	---	---	---
15	6,540	4,920	16,200	7,190	331	259	332	279	---	---	---	---
16	7,180	4,720	18,300	10,400	424	269	327	252	---	---	---	---
17	7,390	5,620	17,300	10,200	398	264	323	241	---	---	---	---
18	10,300	6,370	12,200	577	331	273	---	---	---	---	---	---
19	14,700	7,060	687	560	368	278	---	---	---	---	---	---
20	17,100	8,860	3,160	655	345	290	---	---	---	---	---	---
21	18,400	11,000	5,630	1,040	378	300	---	---	---	---	---	---
22	17,900	12,900	7,080	1,990	453	243	---	---	---	---	---	---
23	19,400	13,700	9,090	2,330	576	183	---	---	---	---	---	---
24	17,700	16,600	10,400	3,240	391	317	---	---	---	---	---	---
25	19,200	16,500	14,700	4,220	612	345	---	---	---	---	---	---
26	20,000	12,800	17,800	4,090	691	336	---	---	---	---	---	---
27	17,800	684	20,000	9,550	739	378	---	---	---	---	---	---
28	1,010	503	21,500	14,500	553	363	---	---	---	---	---	---
29	3,060	603	23,100	15,300	469	302	---	---	---	---	---	---
30	9,320	732	23,900	18,500	328	294	---	---	---	---	---	---
31	---	---	23,100	16,200	---	---	---	---	---	---	---	---
MONTH	20,000	485	23,900	535	22,600	183	---	---	---	---	---	---

02300044 BRADEN RIVER NEAR ELWOOD PARK, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	30.1	26.9	---	---	26.4	23.4	---	---	---	---	---	---
2	31.3	27.4	---	---	---	---	---	---	---	---	---	---
3	31.2	27.6	---	---	---	---	---	---	---	---	---	---
4	32.0	27.8	---	---	---	---	---	---	---	---	---	---
5	31.5	28.0	---	---	---	---	---	---	---	---	---	---
6	30.1	28.3	---	---	---	---	---	---	---	---	---	---
7	28.9	27.5	---	---	---	---	---	---	---	---	---	---
8	28.5	26.8	---	---	---	---	23.0	21.9	---	---	20.7	19.0
9	28.2	26.8	---	---	---	---	23.8	21.7	---	---	19.0	17.7
10	27.8	26.6	---	---	---	---	24.2	22.9	---	---	20.4	17.6
11	27.5	25.8	---	---	---	---	24.1	23.0	---	---	20.1	17.8
12	28.5	25.4	---	---	---	---	24.5	21.6	---	---	21.2	18.2
13	27.6	26.0	24.6	22.7	---	---	24.5	23.2	---	---	22.6	18.7
14	27.7	25.4	24.3	22.3	---	---	23.7	19.8	---	---	22.5	19.9
15	26.9	25.2	23.9	22.0	---	---	20.7	18.9	---	---	22.6	21.0
16	26.8	24.2	24.6	21.3	---	---	20.2	17.7	---	---	23.3	21.2
17	28.6	24.0	25.3	21.7	---	---	19.4	16.1	---	---	22.2	21.0
18	28.6	24.6	---	---	---	---	17.9	15.5	---	---	21.1	20.3
19	29.9	26.0	---	---	---	---	16.3	15.0	---	---	20.8	19.5
20	---	---	---	---	---	---	---	---	---	---	21.5	19.4
21	---	---	---	---	---	---	---	---	---	---	21.3	19.8
22	---	---	---	---	---	---	---	---	---	---	23.2	20.4
23	---	---	25.1	23.4	---	---	---	---	---	---	22.3	21.1
24	---	---	25.0	23.5	---	---	---	---	---	---	23.8	21.0
25	---	---	---	---	---	---	---	---	---	---	25.6	22.2
26	---	---	23.0	21.4	---	---	---	---	---	---	26.5	23.4
27	---	---	23.5	21.6	---	---	---	---	---	---	25.9	23.8
28	---	---	---	---	---	---	---	---	---	---	24.7	23.3
29	---	---	---	---	---	---	---	---	---	---	25.2	22.4
30	---	---	---	---	---	---	---	---	---	---	25.6	22.5
31	---	---	---	---	---	---	---	---	---	---	26.0	24.1
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	26.5	23.9	25.9	24.1	29.6	28.3	31.0	28.2	33.8	30.7	---	---
2	24.8	23.3	26.9	24.1	28.5	27.5	31.1	28.9	33.1	30.7	---	---
3	24.6	21.9	27.7	24.0	27.9	26.9	33.1	29.3	---	---	---	---
4	25.8	21.4	26.0	24.4	27.1	26.4	33.5	30.0	---	---	---	---
5	26.2	22.3	25.8	23.9	27.3	26.0	34.5	30.4	---	---	---	---
6	25.7	23.1	26.6	24.0	27.8	26.2	34.3	30.7	---	---	---	---
7	24.8	23.2	26.5	23.1	30.1	26.6	33.1	31.0	---	---	---	---
8	25.6	22.9	26.3	24.2	31.2	26.7	33.1	30.7	---	---	---	---
9	25.4	22.7	26.9	24.4	28.6	27.7	30.7	28.4	---	---	---	---
10	26.4	22.7	27.3	25.0	28.0	26.7	28.8	27.9	---	---	---	---
11	25.5	23.0	27.4	24.9	27.6	26.4	30.4	28.0	---	---	---	---
12	25.2	23.2	27.4	24.8	27.6	26.8	30.6	28.4	---	---	---	---
13	25.9	24.1	28.0	24.7	28.5	27.1	30.6	28.4	---	---	---	---
14	25.2	22.4	26.9	24.3	29.4	27.7	29.3	28.1	---	---	---	---
15	24.5	21.7	27.8	24.8	29.8	28.2	30.6	28.0	---	---	---	---
16	24.4	20.5	28.3	25.9	31.1	28.8	30.2	28.1	---	---	---	---
17	23.4	19.8	29.2	25.7	32.6	29.0	30.7	28.4	---	---	---	---
18	26.1	20.7	28.6	26.6	32.5	29.8	---	---	---	---	---	---
19	24.7	20.9	29.3	26.6	33.5	29.3	---	---	---	---	---	---
20	24.7	21.8	30.5	26.4	32.5	29.4	---	---	---	---	---	---
21	25.0	22.1	30.7	27.6	30.9	29.2	---	---	---	---	---	---
22	26.2	22.7	30.2	27.4	29.5	28.4	---	---	---	---	---	---
23	25.8	23.5	30.1	27.4	29.4	28.0	---	---	---	---	---	---
24	24.7	22.8	29.2	27.8	29.7	27.7	---	---	---	---	---	---
25	24.7	22.0	29.1	27.9	30.1	27.6	---	---	---	---	---	---
26	24.4	22.0	28.6	26.0	30.7	28.2	---	---	---	---	---	---
27	25.2	21.6	29.0	26.2	30.9	28.7	---	---	---	---	---	---
28	25.8	23.1	29.2	27.2	31.2	28.5	---	---	---	---	---	---
29	26.0	22.8	29.6	27.8	29.9	28.6	---	---	---	---	---	---
30	27.0	24.0	30.1	28.0	30.4	28.7	---	---	---	---	---	---
31	---	---	30.6	28.0	---	---	---	---	---	---	---	---
MONTH	27.0	19.8	30.7	23.1	33.5	26.0	---	---	---	---	---	---

02300044 BRADEN RIVER NEAR ELWOOD PARK, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	30.0	27.0	---	---	25.0	23.7	19.8	17.3	---	---	---	---
2	31.5	27.4	---	---	24.8	23.9	20.6	18.4	---	---	---	---
3	31.0	27.6	---	---	24.1	22.5	---	---	---	---	---	---
4	32.0	27.9	---	---	23.8	21.2	---	---	---	---	---	---
5	31.2	28.0	---	---	22.9	21.1	---	---	---	---	---	---
6	30.0	28.3	---	---	24.3	22.2	---	---	---	---	---	---
7	28.9	27.5	---	---	23.8	22.2	22.1	21.6	---	---	---	---
8	28.4	26.8	---	---	23.6	22.4	22.6	21.7	---	---	20.7	19.0
9	28.0	26.8	---	---	24.7	22.7	23.6	22.2	---	---	19.0	17.7
10	27.8	26.6	---	---	24.2	23.4	24.0	22.8	---	---	20.2	17.6
11	27.5	25.8	---	---	23.8	20.9	24.0	22.3	---	---	20.0	17.8
12	28.4	25.8	---	---	21.7	19.3	24.3	22.8	---	---	20.9	18.2
13	27.4	26.2	24.5	23.5	21.9	19.3	24.7	23.4	---	---	21.4	18.6
14	27.3	25.4	24.3	23.0	21.3	17.7	23.7	19.9	---	---	21.9	19.9
15	26.8	25.3	24.0	22.2	18.4	16.1	20.8	19.0	---	---	22.3	20.9
16	26.8	24.2	24.2	21.9	17.9	15.9	19.9	17.7	---	---	23.2	21.1
17	28.0	24.0	24.5	22.9	17.2	16.2	18.9	16.3	---	---	22.1	21.0
18	28.3	24.7	---	---	18.1	17.0	17.4	15.4	---	---	21.0	20.3
19	29.4	26.2	---	---	18.9	16.7	16.5	15.1	---	---	20.6	19.5
20	---	---	---	---	17.4	15.5	17.0	14.7	---	---	21.4	19.3
21	---	---	---	---	17.4	14.8	17.6	16.2	---	---	21.1	19.7
22	---	---	---	---	17.7	15.7	17.4	16.7	---	---	22.9	20.4
23	---	---	24.8	23.5	18.2	17.2	17.7	16.4	---	---	22.2	21.1
24	---	---	25.0	23.6	18.1	17.0	16.8	16.0	---	---	22.8	20.9
25	---	---	---	---	17.1	15.5	17.3	16.4	---	---	24.4	22.1
26	---	---	23.1	20.6	16.6	14.6	17.4	16.7	---	---	25.8	23.3
27	---	---	23.3	20.6	16.4	14.1	18.3	17.1	---	---	25.6	23.7
28	---	---	23.6	22.2	16.7	14.0	---	---	---	---	24.7	23.1
29	---	---	---	---	17.3	14.5	---	---	---	---	24.9	22.3
30	---	---	---	---	17.9	14.9	---	---	---	---	25.3	22.4
31	---	---	---	---	18.2	16.2	---	---	---	---	25.3	23.0
MONTH	---	---	---	---	25.0	14.0	---	---	---	---	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.2	23.9	25.5	24.0	29.3	28.2	30.1	28.1	33.6	30.5	---	---
2	24.7	23.2	25.5	24.1	28.4	27.4	30.3	28.7	32.9	30.5	---	---
3	24.2	22.0	26.1	24.0	27.8	26.7	32.2	29.1	---	---	---	---
4	25.3	21.4	25.9	24.4	26.9	26.3	33.2	29.8	---	---	---	---
5	24.9	22.3	25.3	23.8	26.9	25.8	33.3	30.2	---	---	---	---
6	25.4	22.7	26.4	23.8	27.5	26.1	33.0	30.5	---	---	---	---
7	24.7	23.1	26.1	23.0	29.4	26.4	32.9	30.8	---	---	---	---
8	25.3	23.0	26.1	24.1	30.8	26.6	31.9	30.6	---	---	---	---
9	25.3	22.6	26.8	24.3	28.5	27.5	30.6	28.3	---	---	---	---
10	25.9	22.7	27.2	25.0	27.9	26.6	28.6	27.7	---	---	---	---
11	25.1	23.0	27.2	25.5	27.5	26.3	29.9	27.9	---	---	---	---
12	24.9	23.2	27.0	24.9	27.5	26.7	29.8	28.2	---	---	---	---
13	25.7	24.1	27.2	25.6	28.3	27.0	30.2	28.3	---	---	---	---
14	25.0	24.0	26.7	25.0	29.2	27.5	29.1	28.0	---	---	---	---
15	24.4	21.7	27.0	24.9	29.5	28.1	29.5	27.9	---	---	---	---
16	23.1	20.6	27.4	26.2	30.6	28.7	30.0	28.0	---	---	---	---
17	23.1	20.5	28.7	26.5	31.8	28.7	30.0	28.3	---	---	---	---
18	24.9	20.7	28.7	26.5	32.1	29.6	---	---	---	---	---	---
19	24.5	20.9	28.9	26.5	33.2	29.1	---	---	---	---	---	---
20	24.3	21.7	28.5	26.3	31.0	29.3	---	---	---	---	---	---
21	24.9	22.0	29.8	27.5	30.2	29.0	---	---	---	---	---	---
22	25.9	22.8	29.8	27.9	29.3	28.3	---	---	---	---	---	---
23	25.2	23.6	29.8	27.6	29.0	27.9	---	---	---	---	---	---
24	24.7	22.7	28.7	27.7	29.4	27.6	---	---	---	---	---	---
25	24.0	21.9	28.8	27.7	29.6	27.5	---	---	---	---	---	---
26	24.3	22.2	28.2	27.3	29.6	27.7	---	---	---	---	---	---
27	24.6	21.8	28.4	27.0	30.3	28.4	---	---	---	---	---	---
28	25.1	23.0	28.5	27.3	30.8	28.4	---	---	---	---	---	---
29	25.6	22.8	29.1	27.7	29.7	28.5	---	---	---	---	---	---
30	26.1	23.9	29.4	28.2	30.2	28.6	---	---	---	---	---	---
31	---	---	29.6	28.1	---	---	---	---	---	---	---	---
MONTH	26.1	20.5	29.8	23.0	33.2	25.8	---	---	---	---	---	---

02300064 BRADEN RIVER AT BRADENTON, FL.

LOCATION.--Lat 27° 29'46", long 82° 31'32" (1927 North American datum), in SW $^{1}/_{4}$ sec.29, T.34 S., R.18 E., Manatee County, Hydrologic Unit 03100202, on left bank on public dock, 100 ft upstream from State Road 64 bridge, 0.7 mi upstream from mouth, and 2.9 mi east of Bradenton.

DRAINAGE AREA.--83 mi^2.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1994 to September 2003 (gage heights only), incomplete; October 2003 to current year (tidal high-high and low-low only).

GAGE.--Water-stage recorder. Datum of gage is 10.00 ft below National Geodetic Vertical Datum of 1929 (Manatee County reference mark).

REMARKS.--Interruptions in record were due to days in which a tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low. The extremes for periods published previously as maximum and minimum gage heights are equivalent to tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.05 ft, Sept. 26, 2004; minimum, 8.42 ft, Jan. 15, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.47 ft, Sept. 22; minimum, 8.92 ft, Aug. 26.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	12.24	9.94	---	---	11.07	9.39	---	---	---	---
2	---	---	12.20	10.10	---	---	11.21	9.68	---	---	---	---
3	---	---	---	---	---	---	11.13	9.61	---	---	---	---
4	---	---	---	---	---	---	11.27	9.82	---	---	---	---
5	---	---	---	---	---	---	11.57	9.58	---	---	---	---
6	---	---	---	---	---	---	11.71	9.34	---	---	---	---
7	---	---	---	---	---	---	11.81	9.23	---	---	---	---
8	---	---	---	---	---	---	11.97	9.12	---	---	---	---
9	---	---	---	---	---	---	---	8.96	---	---	---	---
10	---	---	---	---	---	---	11.90	8.99	---	---	---	---
11	---	---	---	---	---	---	12.13	9.15	---	---	---	---
12	---	---	---	---	---	---	12.35	9.37	---	---	---	---
13	---	---	---	---	---	---	12.20	9.68	---	---	---	---
14	---	---	---	---	---	---	12.17	9.74	---	---	---	---
15	---	---	---	---	---	---	10.69	9.28	---	---	---	---
16	---	---	---	---	---	---	10.44	9.44	---	---	---	---
17	---	---	---	---	---	---	10.70	9.14	---	---	---	---
18	---	---	---	---	---	---	10.76	9.08	---	---	---	---
19	---	---	---	---	---	---	11.54	8.97	---	---	---	---
20	---	---	---	---	---	---	11.82	9.18	---	---	---	---
21	11.98	9.56	---	---	---	---	12.09	9.67	---	---	---	---
22	11.51	9.63	---	---	---	---	12.37	9.59	---	---	---	---
23	11.77	9.87	---	---	---	---	10.95	10.11	---	---	11.27	9.77
24	11.91	10.26	---	---	---	---	11.60	8.96	---	---	11.85	9.75
25	11.90	10.26	---	---	---	---	10.66	9.23	---	---	11.54	9.78
26	11.72	9.95	---	---	---	---	11.94	9.69	---	---	11.65	9.72
27	11.79	9.79	---	---	---	---	12.05	9.56	---	---	11.80	9.84
28	11.94	9.74	---	---	---	---	---	---	---	---	12.29	9.82
29	12.20	9.78	---	---	---	---	---	---	---	---	11.60	9.30
30	12.27	9.84	---	---	11.34	9.09	---	---	---	---	11.68	10.41
31	12.35	9.88	---	---	11.50	9.41	---	---	---	---	11.95	9.26
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

02300064 BRADEN RIVER AT BRADENTON, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	11.99		9.35		---		---		11.66		10.27		---		---		11.97		9.69		12.09		9.72	
2	11.70		9.48		---		---		11.92		10.15		---		---		12.11		9.72		12.18		9.88	
3	11.21		8.99		---		---		12.10		9.99		12.35		9.81		---		---		11.95		9.96	
4	11.46		9.06		---		---		12.11		9.80		12.21		9.69		---		---		11.73		9.95	
5	11.77		9.30		---		---		12.28		9.74		12.41		9.81		---		---		11.56		9.99	
6	---		---		---		---		12.24		9.71		12.66		9.97		---		---		11.55		10.04	
7	---		---		---		---		12.18		9.52		12.47		9.94		---		---		11.69		10.03	
8	---		---		---		---		12.20		9.62		12.25		9.64		---		---		11.70		10.01	
9	---		---		---		---		12.06		9.72		11.90		10.26		---		---		11.71		10.02	
10	---		---		---		---		11.70		9.74		13.09		10.60		---		---		11.74		9.90	
11	---		---		---		---		12.15		---		11.98		9.79		---		---		11.77		9.81	
12	---		---		---		---		11.93		10.38		11.82		10.79		---		---		11.90		9.90	
13	---		---		---		---		11.66		10.12		11.50		10.12		11.79		9.92		12.56		9.95	
14	---		---		---		---		11.64		10.14		11.61		10.36		11.98		9.82		12.72		10.13	
15	---		---		---		---		---		---		11.81		10.15		12.02		9.56		12.56		10.05	
16	---		---		---		---		---		---		11.95		9.97		12.13		9.56		12.76		10.21	
17	---		---		11.45		10.08		---		---		11.99		9.59		12.34		9.59		12.43		10.25	
18	---		---		11.39		9.89		---		---		12.23		9.60		12.69		9.74		12.42		10.26	
19	---		---		11.53		9.97		---		---		12.51		9.57		12.71		9.87		12.09		10.15	
20	---		---		11.90		10.20		---		---		12.57		9.60		12.62		9.91		11.64		9.68	
21	---		---		12.14		9.89		---		---		12.65		9.66		12.43		10.12		10.77		9.53	
22	---		---		12.05		9.68		---		---		12.63		9.79		12.13		10.15		13.47		10.38	
23	---		---		12.26		9.57		---		---		12.28		9.67		11.87		10.17		12.89		10.31	
24	---		---		12.60		9.66		---		---		12.13		9.78		11.90		10.10		12.37		10.19	
25	---		---		12.70		9.50		---		---		11.77		10.02		11.88		9.93		11.99		10.13	
26	---		---		12.46		---		---		---		11.50		10.12		10.57		8.92		11.88		10.14	
27	---		---		12.46		9.50		---		---		11.58		10.00		12.27		10.87		11.83		10.14	
28	---		---		12.23		9.59		---		---		11.56		9.76		12.69		10.30		11.97		10.17	
29	---		---		11.83		9.68		---		---		11.63		9.65		12.42		10.09		12.09		10.25	
30	---		---		11.83		9.78		---		---		11.67		9.55		12.26		10.11		11.98		10.19	
31	---		---		11.83		10.15		---		---		11.84		9.61		12.08		9.91		---		---	
MAX	---		---		---		---		---		---		---		---		---		---		13.47		10.38	
MIN	---		---		---		---		---		---		---		---		---		---		10.77		9.53	

02300064 BRADEN RIVER AT BRADENTON, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 1995 to current year, incomplete.

INSTRUMENTATION.--Water-quality monitor consisting of a specific conductance and temperature sensor located 0.2 ft above the bottom.

REMARKS.--Specific conductance records good, temperature records excellent. Interruptions in record were due to periods when the sensor lost power.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 54,000 microsiemens, June 16, 2000; minimum, 282 microsiemens, Mar. 20, 1998.

TEMPERATURE.--Maximum, 35.0° C, Aug. 25, 2001; minimum, 4.6° C, Dec. 21, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Maximum, 40,600 microsiemens, Nov. 24; minimum, 887 microsiemens, March 18.

TEMPERATURE.--Maximum, 34.4° C, Aug. 12, 13; minimum, 11.5° C, Jan. 19.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	9,180	2,250	35,100	28,900	38,100	33,300	32,900	22,900	---	---	2,780	1,700
2	11,500	2,700	35,600	29,600	37,400	33,400	33,400	25,000	---	---	2,410	1,820
3	15,500	3,660	34,800	28,500	37,100	33,200	33,200	23,900	---	---	4,530	1,860
4	19,300	5,230	36,900	30,500	36,500	33,600	35,300	25,600	---	---	8,090	1,940
5	17,800	6,800	37,600	31,200	36,700	32,100	37,000	25,300	---	---	11,500	2,290
6	18,700	7,860	33,000	29,700	38,200	34,200	37,500	26,000	---	---	13,900	3,220
7	21,100	7,780	34,300	31,100	38,900	34,600	37,600	24,400	---	---	22,700	4,970
8	23,900	11,800	34,700	31,400	38,500	35,000	37,800	26,500	---	---	22,500	11,900
9	27,000	16,100	34,500	31,400	39,400	34,000	37,900	27,800	---	---	17,000	9,250
10	28,700	18,200	36,600	29,900	39,500	35,300	37,900	26,000	---	---	16,600	8,170
11	31,200	20,600	38,200	31,200	39,500	35,900	38,600	30,100	---	---	21,400	11,700
12	29,700	19,200	39,200	33,300	39,500	33,700	38,900	30,600	---	---	20,000	11,000
13	29,600	19,600	39,300	33,700	38,800	34,500	39,300	33,400	---	---	23,500	12,900
14	29,500	18,900	37,800	32,400	39,300	34,500	39,500	25,000	---	---	23,100	13,900
15	30,500	22,000	36,500	31,500	36,400	32,700	30,000	23,000	---	---	20,200	13,100
16	28,700	18,000	37,100	32,900	37,000	33,600	28,600	21,800	---	---	27,900	13,300
17	29,400	17,800	37,900	33,400	37,600	34,500	25,000	18,600	---	---	22,200	3,190
18	29,800	19,400	37,800	33,600	38,600	34,900	27,600	17,000	---	---	3,190	887
19	31,700	20,900	38,600	34,600	38,400	36,200	32,000	15,500	37,300	32,800	1,660	1,040
20	32,300	21,400	39,000	35,900	---	---	33,900	18,300	39,000	33,000	5,130	1,120
21	30,900	21,300	38,400	35,900	---	---	34,000	21,700	39,400	34,800	10,200	1,890
22	28,000	21,600	39,200	35,500	---	---	35,300	24,300	39,400	35,400	16,800	5,500
23	29,300	22,800	39,900	36,300	---	---	35,300	26,800	39,100	35,600	18,800	6,020
24	32,100	24,400	40,600	36,900	---	---	30,100	22,800	39,500	35,800	18,900	6,440
25	32,800	25,800	40,200	35,600	---	---	33,100	23,700	38,700	35,600	21,800	7,670
26	32,800	25,400	38,100	33,200	---	---	34,200	26,500	37,200	35,300	23,300	11,700
27	32,500	25,600	39,100	32,500	---	---	34,900	27,200	37,600	18,100	26,300	13,600
28	33,100	25,900	39,200	33,200	---	---	33,300	27,300	27,900	2,780	28,700	15,500
29	33,600	26,400	36,400	29,100	31,600	15,100	---	---	---	---	21,700	12,700
30	34,200	27,100	37,700	32,300	32,600	18,600	---	---	---	---	24,800	11,400
31	34,500	28,200	---	---	33,600	23,100	---	---	---	---	29,300	11,600
MONTH	34,500	2,250	40,600	28,500	---	---	---	---	---	---	29,300	887

02300064 BRADEN RIVER AT BRADENTON, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	31,700	13,800	---	---	31,900	28,000	---	---	5,280	4,530	31,200	22,300
2	26,900	18,100	---	---	28,500	26,100	---	---	5,460	4,850	31,600	23,400
3	21,200	11,300	---	---	27,500	23,100	12,700	8,440	5,380	5,070	29,600	23,500
4	25,900	11,000	---	---	25,700	20,000	13,400	9,650	---	---	30,900	23,500
5	27,400	13,900	---	---	22,800	15,300	17,300	11,000	---	---	30,200	22,700
6	---	---	---	---	20,300	14,400	22,300	11,300	---	---	31,300	24,200
7	---	---	---	---	17,800	13,400	23,000	13,700	---	---	31,400	24,800
8	---	---	---	---	18,200	15,900	17,500	12,600	---	---	31,600	25,200
9	---	---	---	---	16,700	14,700	17,600	11,500	---	---	31,400	24,800
10	---	---	---	---	14,700	8,720	19,100	12,600	---	---	32,500	24,900
11	---	---	---	---	15,500	9,340	18,300	12,000	---	---	32,400	24,400
12	---	---	---	---	12,500	7,830	14,000	12,000	19,400	14,000	33,900	27,200
13	---	---	---	---	8,910	6,040	14,200	11,800	22,900	14,700	35,600	28,600
14	---	---	---	---	10,300	6,770	14,100	5,780	24,800	13,100	36,400	29,400
15	---	---	---	---	---	---	12,600	8,490	25,600	12,000	36,200	29,900
16	---	---	---	30,900	---	---	12,800	8,190	27,400	13,700	36,600	30,700
17	---	---	34,200	26,300	---	---	12,200	7,840	28,700	13,400	35,100	30,600
18	---	---	32,300	24,700	---	---	10,300	9,110	29,800	16,200	36,000	31,200
19	---	---	32,900	25,500	---	---	11,600	10,000	29,800	17,900	35,400	30,700
20	---	---	34,400	25,500	---	---	12,100	10,800	30,100	19,100	34,400	29,900
21	---	---	35,200	29,800	---	---	12,100	11,000	29,800	19,500	39,000	30,100
22	---	---	34,600	29,500	---	---	12,700	10,900	28,400	19,200	39,400	31,800
23	---	---	35,800	29,600	---	---	12,300	10,500	28,300	17,200	37,800	32,400
24	---	---	36,800	30,300	---	---	13,000	8,400	26,600	11,700	37,600	31,700
25	---	---	38,300	31,000	---	---	8,880	7,340	26,000	11,200	37,300	31,600
26	---	---	36,300	29,800	---	---	9,170	8,580	18,500	9,900	37,600	33,000
27	---	---	37,400	31,200	---	---	8,580	4,560	29,600	17,400	38,300	33,500
28	---	---	37,200	32,000	---	---	4,660	4,400	32,400	20,300	38,300	33,900
29	---	---	34,600	29,800	---	---	4,660	4,330	31,800	22,100	38,600	34,700
30	---	---	33,600	29,300	---	---	4,620	4,220	33,100	22,000	38,200	34,900
31	---	---	32,500	30,200	---	---	4,640	4,180	31,300	22,700	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	39,400	22,300

02300064 BRADEN RIVER AT BRADENTON, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.9	28.1	27.6	25.6	24.4	21.5	20.3	16.7	---	---	21.3	18.7
2	30.5	28.0	27.8	25.4	23.4	21.9	20.8	16.5	---	---	19.9	16.9
3	30.8	27.5	28.0	25.6	22.5	20.7	21.3	17.3	---	---	17.8	14.8
4	31.5	26.8	28.5	26.1	21.5	19.4	21.5	18.1	---	---	18.9	14.2
5	31.5	28.1	27.1	23.8	21.7	18.4	21.6	19.1	---	---	19.3	16.2
6	30.7	27.6	24.8	22.4	22.6	19.8	21.6	20.0	---	---	20.6	17.8
7	28.7	26.1	24.6	22.1	22.9	20.9	21.9	20.3	---	---	21.3	19.3
8	28.4	25.4	23.9	21.6	23.5	21.5	22.4	20.4	---	---	20.7	19.2
9	28.2	25.8	23.4	21.4	23.6	21.8	23.3	21.0	---	---	19.2	16.9
10	27.5	26.2	23.5	20.8	23.6	22.7	23.5	21.1	---	---	19.3	15.7
11	27.1	25.2	23.6	21.6	22.8	19.6	23.6	21.0	---	---	20.1	17.9
12	27.7	24.7	23.8	22.1	20.3	17.4	23.8	20.9	---	---	20.3	18.0
13	27.2	25.7	23.8	22.8	20.3	17.4	23.5	21.0	---	---	21.7	18.9
14	27.3	25.4	24.2	22.3	19.3	15.6	22.0	20.2	---	---	22.1	20.4
15	26.7	24.6	23.3	21.0	15.6	12.6	20.5	18.5	---	---	22.5	21.4
16	25.6	23.3	23.2	20.5	16.4	12.3	18.5	16.5	---	---	22.9	21.5
17	26.4	23.8	23.0	20.0	16.1	14.2	16.7	14.4	---	---	22.7	20.9
18	27.2	24.1	23.4	20.3	18.2	15.2	15.8	12.0	---	---	21.9	19.7
19	28.3	24.9	23.7	20.4	17.7	15.7	16.3	11.5	20.5	17.5	21.0	18.5
20	29.1	25.6	24.0	21.4	---	---	16.1	13.4	20.4	17.8	21.7	18.7
21	30.1	26.6	24.4	22.1	---	---	17.2	14.7	21.7	19.0	21.3	19.9
22	28.8	26.1	24.5	22.5	---	---	17.8	16.5	22.4	20.1	24.1	20.9
23	27.5	25.4	24.1	22.8	---	---	17.7	14.9	23.9	21.3	23.1	21.4
24	27.2	25.0	24.1	22.8	---	---	15.4	11.9	23.6	21.7	23.2	21.1
25	27.5	25.3	23.9	22.2	---	---	16.0	13.1	23.3	22.1	25.4	21.9
26	27.0	25.1	22.2	19.6	---	---	16.9	14.8	22.5	21.1	26.4	23.7
27	26.5	24.4	21.5	19.7	---	---	18.9	15.7	21.8	20.9	26.1	24.2
28	26.2	24.4	23.2	21.0	---	---	19.1	17.2	22.4	20.7	25.4	22.6
29	26.5	24.9	23.3	20.6	17.9	14.2	---	---	---	---	23.9	21.4
30	27.0	25.3	24.2	20.8	19.5	14.2	---	---	---	---	25.1	21.5
31	27.7	25.7	---	---	19.1	15.5	---	---	---	---	25.5	23.8
MONTH	31.5	23.3	28.5	19.6	---	---	---	---	---	---	26.4	14.2
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.6	24.1	---	---	29.5	28.2	---	---	32.5	31.1	31.4	30.2
2	25.5	22.2	---	---	28.3	27.4	---	---	32.5	31.2	32.0	30.1
3	22.9	19.0	---	---	28.4	27.1	32.0	30.3	32.0	31.1	31.6	29.4
4	25.8	19.6	---	---	27.8	26.9	32.2	30.7	---	---	31.3	29.3
5	25.7	21.6	---	---	28.7	26.2	32.6	31.0	---	---	30.3	28.3
6	---	---	---	---	29.7	27.3	32.5	31.0	---	---	30.3	27.9
7	---	---	---	---	30.4	28.1	32.5	31.0	---	---	30.0	28.3
8	---	---	---	---	30.8	28.2	32.5	30.9	---	---	29.6	28.2
9	---	---	---	---	29.6	28.4	31.0	27.5	---	---	30.6	27.8
10	---	---	---	---	28.4	26.1	28.5	27.6	---	---	31.9	28.2
11	---	---	---	---	28.7	26.0	29.7	27.8	---	---	32.8	28.5
12	---	---	---	---	28.5	27.5	30.0	28.7	34.4	32.0	32.4	28.6
13	---	---	---	---	30.0	27.2	30.2	27.9	34.4	30.7	31.8	29.3
14	---	---	---	---	30.4	28.4	29.6	27.7	33.4	31.2	31.2	29.0
15	---	---	---	---	---	---	30.5	29.0	34.2	31.1	31.2	29.0
16	---	---	28.8	27.0	---	---	30.8	29.6	33.8	31.3	30.9	28.9
17	---	---	29.3	27.2	---	---	30.6	29.4	33.9	31.2	30.9	28.7
18	---	---	29.5	27.5	---	---	30.9	29.6	33.5	30.7	30.9	28.8
19	---	---	29.3	27.1	---	---	30.7	29.7	33.9	30.8	30.9	29.0
20	---	---	29.4	26.7	---	---	31.0	29.5	33.7	31.1	29.7	27.8
21	---	---	29.8	27.7	---	---	31.6	29.6	33.3	31.2	28.7	26.9
22	---	---	29.7	27.9	---	---	32.2	30.3	33.4	31.3	28.1	27.3
23	---	---	29.7	27.6	---	---	31.9	30.9	33.6	31.3	28.3	27.1
24	---	---	29.0	28.0	---	---	31.9	31.0	33.6	30.1	30.0	27.1
25	---	---	29.1	27.7	---	---	32.1	30.8	32.6	30.3	30.5	26.8
26	---	---	28.3	26.9	---	---	31.8	30.9	30.4	28.0	30.8	27.4
27	---	---	28.8	26.8	---	---	32.6	31.1	29.6	28.0	31.3	27.8
28	---	---	29.6	28.0	---	---	33.1	31.5	31.0	28.0	30.2	28.0
29	---	---	30.4	28.4	---	---	33.0	31.7	31.7	29.0	30.6	27.8
30	---	---	30.8	29.0	---	---	32.8	31.1	31.8	29.9	30.5	28.4
31	---	---	30.4	28.8	---	---	32.2	30.8	32.1	30.2	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	32.8	26.8

273126082384700 MANATEE RIVER NEAR MOUTH AT PALMA SOLA, FL.

LOCATION.--Lat 27° 31'26", long 82° 38'47" (1983 North American datum), in SE$^{1}/_{4}$ sec.13, T.34 S., R.16 E., Manatee County, Hydrologic Unit 03100202, on left bank of private dock, 500 ft downstream from the De Soto National Memorial Park, and near mouth of the Manatee River.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--May 2004 to current year (tidal high-high and low-low only).

GAGE.--Water-stage recorder. Datum of gage is North American Vertical Datum of 1988.

REMARKS.--Interruptions in record were due to days in which tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 2.82 ft, Sept. 26, 2004; minimum, 2.44 ft below NAVD of 1988, April 3, 2005.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 2.44 ft, Sept. 22; minimum, 2.44 ft be;pw NAVD of 1988, April 3.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	---	---	---	---	---	---	---	---	---	---	---	---	1.26	-2.16			1.48	-1.73			0.58	-1.28		
2	---	---	---	---	---	---	---	---	---	---	---	---	1.34	-2.31			1.12	-1.60			0.35	-1.44		
3	---	---	---	---	---	---	---	---	---	---	---	---	1.40	-2.13			1.06	-1.38			0.39	-1.32		
4	---	---	---	---	---	---	---	---	---	---	---	---	1.34	-1.97			---	---			0.34	-1.36		
5	---	---	---	---	---	---	---	---	---	---	---	---	1.13	-1.75			---	---			0.47	-0.74		
6	---	---	---	---	---	---	---	---	---	---	---	---	0.70	-1.71			---	---			2.16	0.32		
7	---	---	---	---	---	---	---	---	---	---	---	---	0.38	-1.20			---	---			1.17	-0.86		
8	---	---	---	---	---	---	---	---	---	---	---	---	0.16	-0.92			---	---			0.82	-1.26		
9	---	---	---	---	---	---	---	---	---	---	---	---	0.09	-0.91			---	---			0.26	-1.34		
10	---	---	---	---	---	---	---	---	---	---	---	---	0.20	-1.33			---	---			0.52	-1.70		
11	---	---	---	---	---	---	---	---	---	---	---	---	0.45	-1.32			---	---			0.74	-1.53		
12	---	---	---	---	---	---	---	---	---	---	---	---	0.40	-1.75			---	---			0.94	-1.16		
13	---	---	---	---	---	---	---	---	---	---	---	---	0.67	-1.59			---	---			0.84	-1.01		
14	---	---	---	---	---	---	---	---	---	---	---	---	0.76	-1.77			---	---			1.08	-0.65		
15	---	---	---	---	---	---	---	---	---	---	---	---	0.95	-1.83			---	---			2.40	0.10		
16	---	---	---	---	---	---	---	---	---	---	---	---	1.00	-1.80			---	---			1.24	-0.52		
17	---	---	---	---	---	---	---	---	---	---	---	---	1.24	-1.62			---	---			0.91	-0.97		
18	---	---	---	---	---	---	---	---	---	---	---	---	1.29	-1.54			---	---			0.86	-1.51		
19	---	---	---	---	---	---	---	---	---	---	---	---	1.20	-1.34			---	---			1.01	-1.65		
20	---	---	---	---	---	---	---	---	---	---	---	---	0.71	-1.47			---	---			0.68	-1.58		
21	---	---	---	---	---	---	---	---	---	---	---	---	0.45	-1.54			---	---			0.62	-2.20		
22	---	---	---	---	---	---	---	---	---	---	---	---	0.23	-1.39			---	---			0.96	-1.41		
23	---	---	---	---	---	---	---	---	---	---	---	---	0.21	-1.14			---	---			0.99	-1.43		
24	---	---	---	---	---	---	---	---	0.14	-1.24			0.28	-0.90			0.85	-1.67			0.96	-1.41		
25	---	---	---	---	---	---	---	---	0.15	-1.06			0.44	-1.32			0.78	-1.96			1.16	-1.30		
26	---	---	---	---	---	---	---	---	0.20	-1.01			0.52	-1.57			0.99	-1.92			2.82	-0.40		
27	---	---	---	---	---	---	---	---	0.51	-1.31			0.78	-1.80			1.12	-1.96			---	---		
28	---	---	---	---	---	---	---	---	0.58	-1.68			0.84	-2.10			1.12	-1.80			---	---		
29	---	---	---	---	---	---	---	---	0.91	-2.06			1.02	-2.14			1.20	-1.63			---	---		
30	---	---	---	---	---	---	---	---	1.03	-2.12			1.36	-1.94			1.19	-1.45			---	---		
31	---	---	---	---	---	---	---	---	---	---			1.42	-1.86			0.94	-1.27			---	---		
MAX	---	---	---	---	---	---	---	---	---	---	---	---	1.42	-0.90			---	---			---	---		
MIN	---	---	---	---	---	---	---	---	---	---	---	---	0.09	-2.31			---	---			---	---		

273126082384700 MANATEE RIVER NEAR MOUTH AT PALMA SOLA, FL.---Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	---		---		---		---		---		---		---		---		---		---		---		---	
2	---		---		---		---		---		---		---		---		---		---		---		---	
3	---		---		---		---		---		---		---		---		---		---		---		---	
4	---		---		---		---		---		---		---		---		---		---		---		---	
5	---		---		---		---		---		---		---		---		---		---		---		---	
6	---		---		---		---		---		---		---		---		---		---		---		---	
7	---		---		---		---		---		---		---		---		---		---		---		---	
8	---		---		---		---		---		---		---		---		---		---		---		---	
9	---		---		---		---		---		---		---		---		---		---		-0.53		-1.54	
10	---		---		---		---		---		---		---		---		---		---		0.27		-2.43	
11	---		---		---		---		---		---		---		---		---		---		0.69		-1.56	
12	---		---		---		---		---		---		---		---		---		---		0.30		-1.80	
13	---		---		---		---		---		---		---		---		---		---		0.36		-1.74	
14	---		---		---		---		---		---		---		---		---		---		0.25		-2.12	
15	---		---		---		---		---		---		---		---		---		---		0.31		-1.95	
16	---		---		---		---		---		---		---		---		---		---		0.91		-1.42	
17	---		---		---		---		---		---		---		---		---		---		0.50		---	
18	---		---		---		---		---		---		---		---		---		---		-0.18		-1.64	
19	---		---		---		---		---		---		---		---		---		---		-0.18		-2.12	
20	---		---		---		---		---		---		---		---		---		---		0.43		-2.07	
21	---		---		---		---		---		---		---		---		---		---		0.63		-1.71	
22	---		---		---		---		---		---		---		---		---		---		0.70		-1.52	
23	---		---		---		---		---		---		---		---		---		---		0.65		-1.61	
24	---		---		---		---		---		---		---		---		---		---		-0.04		-1.55	
25	---		---		---		---		---		---		---		---		---		---		0.38		-1.48	
26	---		---		---		---		---		---		---		---		---		---		0.53		-1.49	
27	---		---		---		---		---		---		---		---		---		---		0.75		-1.44	
28	---		---		---		---		---		---		---		---		---		---		0.96		-1.68	
29	---		---		---		---		---		---		---		---		---		---		0.40		-2.07	
30	---		---		---		---		---		---		---		---		---		---		0.53		-2.04	
31	---		---		---		---		---		---		---		---		---		---		0.89		-1.83	
MAX	---		---		---		---		---		---		---		---		---		---		---		---	
MIN	---		---		---		---		---		---		---		---		---		---		---		---	
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	0.92		---		0.65		-1.66		0.45		-0.86		0.70		-1.53		---		---		1.04		-1.45	
2	0.44		-1.72		0.06		-1.22		0.82		-1.12		0.80		-1.63		---		---		1.16		-1.25	
3	0.00		-2.44		-0.55		-1.41		0.99		-1.32		0.98		-1.75		---		---		0.95		-1.05	
4	0.30		-2.32		---		---		1.02		-1.58		0.89		-1.90		---		---		0.82		-0.98	
5	0.74		-2.08		0.48		-0.92		1.06		-1.82		1.10		-1.75		---		---		0.75		-0.93	
6	0.73		-1.56		0.04		-1.66		1.02		-1.78		1.35		-1.54		---		---		0.57		-0.92	
7	0.40		-1.20		-0.11		-1.65		1.00		-2.00		1.13		-1.54		---		---		0.69		-0.93	
8	1.10		-1.38		---		---		1.03		-1.83		1.15		-1.78		---		---		0.71		-0.99	
9	0.57		-1.78		0.65		-1.51		0.93		-1.80		1.18		-0.50		---		---		0.69		-1.03	
10	0.70		-1.88		0.87		-1.58		0.79		-1.36		2.24		-0.38		---		---		0.75		-1.20	
11	1.08		-1.46		0.60		-1.93		1.07		-1.04		0.78		-1.32		---		---		0.73		-1.28	
12	1.20		-1.25		0.68		-1.56		0.73		-1.34		0.52		-0.94		---		---		0.81		-1.28	
13	0.96		-1.51		0.52		-1.62		0.44		-1.14		0.30		-0.69		---		---		1.43		-1.29	
14	0.80		---		0.80		---		0.37		-0.05		0.36		-0.74		---		---		1.57		-1.14	
15	-0.06		-1.73		0.56		-1.28		0.16		-0.94		0.56		-0.91		---		---		1.45		-1.28	
16	-0.16		-2.26		0.12		-1.20		0.48		-0.86		0.64		-1.11		1.01		-1.71		1.67		-1.06	
17	-0.01		-2.35		0.07		-1.20		0.74		-1.11		0.65		-1.11		1.24		-1.79		1.41		-0.96	
18	-0.02		-2.01		0.10		-1.26		0.92		-1.47		0.90		-1.52		1.58		-1.70		1.38		-0.84	
19	0.37		-1.68		0.28		-1.16		0.88		-1.90		1.20		-1.38		1.63		-1.53		1.07		-1.03	
20	0.57		-1.41		0.60		-1.04		0.94		-2.10		1.34		-1.36		1.56		-1.33		0.55		-1.62	
21	0.59		-1.00		0.78		-1.47		1.11		-2.10		1.47		-1.44		1.36		-1.09		-0.15		-1.60	
22	0.74		-0.99		0.85		-1.80		1.41		-2.23		---		---		1.01		-0.94		2.44		-0.64	
23	0.85		-0.95		1.01		-1.99		1.44		-2.15		---		---		0.80		-0.93		1.90		-0.67	
24	0.56		-1.74		1.29		-1.92		1.24		-2.05		---		---		0.81		-1.03		1.32		-0.83	
25	0.76		-1.94		1.45		-1.92		1.20		-1.66		---		---		0.76		-1.23		0.95		-0.86	
26	1.24		-1.55		1.30		-1.92		0.94		-1.34		---		---		-0.45		-2.12		0.82		-0.94	
27	1.11		-1.95		1.21		-1.83		0.48		-1.25		---		---		1.47		0.07		0.76		-0.93	
28	0.50		-1.98		0.94		-1.59		0.44		-0.83		---		---		1.81		-0.65		0.91		-0.88	
29	0.72		---		0.58		---		0.48		-0.95		---		---		1.45		-0.84		1.01		-0.88	
30	0.81		-1.58		0.60		-1.37		0.54		-1.22		---		---		1.23		-0.95		0.93		-0.83	
31	---		---		0.46		-0.90		---		---		---		---		1.02		-1.21		---		---	
MAX	1.24		---		---		---		1.44		-0.05		---		---		---		---		2.44		-0.64	
MIN	-0.16		---		---		---		0.16		-2.23		---		---		---		---		-0.15		-1.62	

273126082384700 MANATEE RIVER NEAR MOUTH AT PALMA SOLA, FL.d

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 2004 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature senors.

REMARKS.--Specific conductance and temperature records fair.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 57,000 microsiemens, July 19, 2004; bottom sensor maximum, 55,700 microsiemens, June 12, 13 2004; top sensor minimum 10,100 microsiemens, Sept. 14, 2004; bottom sensor minimum, 14,100 microsiemens, Sept. 19, 2004.

TEMPERATURE.--Top sensor maximum, 34.3° C, July 30, Aug. 13, 2005; bottom sensor maximum, 35.2° C, Aug. 12, 2005; top sensor minimum, 16.3° C, March 10, 2005; bottom sensor minimum, 15.9° C, March 10, 2005.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 49,200 microsiemens, May 25, Aug. 31; bottom sensor maximum, 50,300 microsiemens, May 25, 30; top sensor minimum, 13,200 microsiemens, July 15; bottom sensor minimum, 18,700 microsiemens, March 19.

TEMPERATURE.--Top sensor maximum, 34.3° C, July 30, Aug. 13; bottom sensor maximum, 35.2° C, Aug. 12; top sensor minimum 16.3° C, March 10; bottom sensor minimum, 15.9° C, March 10.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	46,700	44,900	51,100	44,200	50,900	39,600	36,700	22,400
2	---	---	---	---	46,500	44,300	51,300	46,600	50,300	41,000	36,700	22,700
3	---	---	---	---	45,500	44,400	50,800	43,900	48,900	34,500	38,500	20,100
4	---	---	---	---	45,200	43,700	50,900	43,600	---	---	36,300	28,100
5	---	---	---	---	45,300	41,800	51,200	47,100	---	---	37,900	33,000
6	---	---	---	---	45,200	44,300	51,000	48,300	---	---	39,500	23,500
7	---	---	---	---	44,900	43,900	50,900	45,400	---	---	29,300	12,300
8	---	---	---	---	44,400	40,200	52,000	44,400	---	---	29,900	11,200
9	---	---	---	---	44,800	43,500	51,800	37,900	---	---	28,200	10,100
10	---	---	---	---	43,700	42,200	51,500	46,600	---	---	31,600	15,600
11	---	---	---	---	43,500	38,300	52,700	49,000	---	---	35,500	21,000
12	---	---	---	---	44,900	41,400	52,200	49,500	---	---	36,800	20,000
13	---	---	---	---	43,800	40,200	53,400	44,700	---	---	38,100	20,200
14	---	---	---	---	43,600	40,900	54,400	51,300	---	---	39,100	23,700
15	---	---	---	---	44,000	40,800	53,900	50,700	---	---	39,300	31,600
16	---	---	---	---	43,500	40,800	54,700	51,400	---	---	38,900	29,900
17	---	---	---	---	43,300	40,900	55,400	51,500	---	---	38,000	29,400
18	---	---	---	---	45,600	42,300	56,200	51,900	---	---	37,400	29,300
19	---	---	---	---	46,100	42,800	57,000	51,200	---	---	35,100	27,900
20	---	---	49,000	47,600	46,100	42,600	54,800	44,200	---	---	32,300	15,500
21	---	---	49,400	48,300	46,300	44,300	51,900	37,300	---	---	31,800	26,400
22	---	---	50,300	48,900	46,700	43,900	48,900	36,200	---	---	32,700	25,200
23	---	---	50,800	49,200	46,700	45,100	49,500	33,200	---	---	35,000	24,800
24	---	---	51,200	49,600	46,500	44,800	51,100	35,500	40,200	29,400	33,700	27,000
25	---	---	51,100	49,900	46,400	44,000	51,300	39,800	39,900	30,800	32,600	27,600
26	---	---	51,000	50,200	49,100	38,600	52,600	40,100	42,400	33,400	33,800	26,700
27	---	---	50,800	49,500	49,000	46,200	53,500	38,200	42,200	33,300	37,900	24,800
28	---	---	50,300	48,300	49,800	48,000	52,400	40,000	40,600	33,500	32,400	20,700
29	---	---	48,500	45,400	51,300	46,700	51,900	41,700	41,700	34,600	31,000	17,200
30	---	---	47,200	43,700	50,800	47,600	52,400	37,900	40,500	21,600	30,000	20,800
31	---	---	46,700	44,500	---	---	51,700	39,000	42,200	20,100	---	---
MONTH	---	---	---	---	51,300	38,300	57,000	33,200	---	---	39,500	10,100

273126082384700 MANATEE RIVER NEAR MOUTH AT PALMA SOLA, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	55,300	53,200	52,000	48,100	---	---	38,400	28,600
2	---	---	---	---	54,900	52,900	52,000	48,300	---	---	38,000	29,100
3	---	---	---	---	54,500	52,800	52,000	47,800	---	---	39,100	29,000
4	---	---	---	---	55,100	52,200	52,400	47,900	---	---	35,500	28,100
5	---	---	---	---	54,600	52,800	---	---	---	---	36,800	31,100
6	---	---	---	---	54,300	52,700	---	---	---	---	37,400	23,400
7	---	---	---	---	53,900	52,500	---	---	---	---	39,800	23,200
8	---	---	---	---	54,100	53,000	---	---	---	---	39,900	20,200
9	---	---	---	---	54,200	52,600	---	---	---	---	39,700	14,100
10	---	---	---	---	55,100	51,200	---	---	---	---	37,000	18,700
11	---	---	---	---	55,400	53,200	---	---	---	---	38,700	19,800
12	---	---	---	---	55,700	53,400	---	---	---	---	38,900	21,500
13	---	---	---	---	55,700	51,200	---	---	---	---	39,700	24,400
14	---	---	---	---	55,300	52,600	---	---	---	---	41,100	29,000
15	---	---	---	---	55,300	52,500	---	---	---	---	42,300	34,500
16	---	---	---	---	54,600	51,000	---	---	---	---	41,500	31,200
17	---	---	---	---	53,500	50,600	---	---	---	---	41,200	31,400
18	---	---	---	---	52,900	49,400	---	---	---	---	40,300	29,700
19	---	---	---	---	52,000	49,100	---	---	---	---	38,200	29,600
20	---	---	49,700	48,200	51,200	48,400	---	---	---	---	35,900	29,600
21	---	---	50,100	48,600	51,300	47,400	---	---	---	---	35,700	28,900
22	---	---	50,900	49,000	50,300	46,700	---	---	---	---	38,300	30,600
23	---	---	51,500	49,600	49,800	45,400	---	---	---	---	38,000	30,700
24	---	---	51,700	49,900	48,800	45,500	---	---	41,200	23,300	37,900	30,600
25	---	---	51,700	49,900	49,100	44,200	---	---	40,900	26,500	37,500	32,200
26	---	---	51,900	50,100	51,600	43,400	---	---	42,800	25,500	37,800	32,300
27	---	---	52,400	50,500	51,600	46,100	---	---	42,600	29,100	43,900	29,400
28	---	---	53,200	50,700	51,700	47,400	---	---	40,500	30,400	39,200	26,300
29	---	---	54,200	51,400	51,500	48,400	---	---	40,300	32,000	36,700	20,900
30	---	---	55,100	51,700	51,700	48,200	---	---	41,100	30,400	37,100	22,300
31	---	---	55,400	53,100	---	---	---	---	40,700	31,700	---	---
MONTH	---	---	---	---	55,700	43,400	---	---	---	---	43,900	14,100

273126082384700 MANATEE RIVER NEAR MOUTH AT PALMA SOLA, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	31.6	30.1	32.0	29.7	31.0	29.5	33.0	30.4
2	---	---	---	---	31.5	30.0	31.7	29.9	29.5	28.5	31.7	28.9
3	---	---	---	---	31.6	29.9	32.8	29.4	29.2	28.3	31.6	29.9
4	---	---	---	---	32.1	29.6	31.6	29.8	---	---	30.4	27.8
5	---	---	---	---	31.2	29.0	31.4	29.4	---	---	28.3	25.8
6	---	---	---	---	31.5	29.5	32.6	30.1	---	---	26.9	26.3
7	---	---	---	---	31.6	29.4	31.1	29.6	---	---	29.0	26.2
8	---	---	---	---	31.4	29.1	32.3	29.6	---	---	30.0	27.3
9	---	---	---	---	31.3	29.1	33.2	30.4	---	---	29.4	27.8
10	---	---	---	---	31.7	29.3	32.6	30.5	---	---	30.4	27.5
11	---	---	---	---	31.6	29.5	32.1	31.0	---	---	29.8	28.2
12	---	---	---	---	32.7	30.2	31.8	30.3	---	---	30.6	27.9
13	---	---	---	---	32.1	30.9	32.0	30.7	---	---	30.0	28.0
14	---	---	---	---	31.9	30.2	32.4	30.7	---	---	29.1	28.0
15	---	---	---	---	31.1	29.4	31.5	30.3	---	---	28.4	27.7
16	---	---	---	---	30.8	29.2	31.3	29.9	---	---	28.9	27.5
17	---	---	---	---	30.8	29.1	30.5	29.5	---	---	29.7	28.1
18	---	---	---	---	31.5	29.1	29.7	28.5	---	---	32.0	28.4
19	---	---	---	---	31.6	29.9	29.5	28.2	---	---	30.2	28.5
20	---	---	28.5	25.7	32.0	30.2	28.7	27.5	---	---	28.8	27.3
21	---	---	28.8	25.9	32.0	30.0	31.1	27.2	---	---	27.3	26.3
22	---	---	29.1	26.4	32.0	30.3	31.9	28.0	---	---	26.9	26.1
23	---	---	29.4	26.7	32.8	30.2	32.3	28.5	---	---	27.5	25.9
24	---	---	29.0	26.8	33.2	30.5	32.3	29.3	31.9	29.8	27.4	26.2
25	---	---	29.3	27.0	31.9	30.5	32.3	29.8	32.0	30.2	27.2	25.9
26	---	---	30.4	27.5	33.1	30.4	31.0	29.8	32.3	30.4	26.1	25.3
27	---	---	30.6	28.1	31.4	30.5	31.0	29.3	33.9	30.3	27.0	25.2
28	---	---	31.2	28.2	30.9	30.0	31.5	29.7	33.6	30.6	28.2	25.6
29	---	---	31.5	28.5	31.1	29.3	31.1	29.8	32.6	30.2	29.5	26.7
30	---	---	31.5	29.7	31.0	29.3	31.1	29.7	32.8	30.3	30.4	27.2
31	---	---	31.5	29.9	---	---	32.1	29.5	32.5	30.9	---	---
MONTH	---	---	---	---	33.2	29.0	33.2	27.2	---	---	33.0	25.2

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	32.4	30.0	33.3	29.7	31.1	29.4	32.8	30.2
2	---	---	---	---	32.2	29.9	31.9	29.9	29.5	28.5	31.7	30.1
3	---	---	---	---	32.0	29.9	32.3	29.8	29.2	28.4	31.3	29.8
4	---	---	---	---	32.2	29.4	31.7	30.0	---	---	30.7	27.7
5	---	---	---	---	31.2	29.4	31.3	29.7	---	---	28.3	25.8
6	---	---	---	---	31.4	29.5	32.4	29.8	---	---	27.0	26.2
7	---	---	---	---	31.5	29.4	31.0	29.9	---	---	29.2	26.3
8	---	---	---	---	31.3	29.0	31.9	29.8	---	---	31.0	27.7
9	---	---	---	---	31.1	29.1	32.9	30.4	---	---	31.2	27.9
10	---	---	---	---	31.4	29.3	33.3	30.8	---	---	30.7	28.4
11	---	---	---	---	31.6	29.6	33.5	30.3	---	---	30.5	28.2
12	---	---	---	---	32.8	30.2	32.8	30.5	---	---	30.6	28.2
13	---	---	---	---	34.2	30.8	32.9	30.8	---	---	29.7	28.0
14	---	---	---	---	32.1	30.3	32.5	30.7	---	---	29.1	28.0
15	---	---	---	---	31.9	29.4	31.9	30.3	---	---	28.3	27.6
16	---	---	---	---	32.1	29.1	31.6	29.8	---	---	28.8	27.5
17	---	---	---	---	31.1	29.1	30.5	29.5	---	---	29.6	28.0
18	---	---	---	---	31.6	29.1	29.6	28.5	---	---	31.9	28.3
19	---	---	---	---	31.7	29.8	29.5	28.2	---	---	30.3	28.3
20	---	---	28.9	25.7	31.8	30.0	28.7	27.7	---	---	29.4	27.3
21	---	---	28.7	25.8	31.8	30.2	30.5	27.7	---	---	27.4	26.5
22	---	---	28.7	26.3	31.9	30.3	31.5	28.2	---	---	27.3	26.1
23	---	---	28.8	26.8	32.5	30.5	32.0	29.1	---	---	27.8	25.9
24	---	---	28.9	26.9	32.4	30.5	32.5	29.5	32.5	30.3	28.7	26.2
25	---	---	29.3	27.0	31.9	30.5	33.4	29.8	33.6	30.3	27.4	25.9
26	---	---	30.3	27.5	33.1	30.6	32.6	30.4	33.6	30.4	26.0	25.2
27	---	---	30.5	28.0	33.3	30.5	31.8	30.1	34.1	30.3	27.1	25.2
28	---	---	30.9	28.2	31.6	30.0	34.1	30.2	33.1	30.5	28.7	25.7
29	---	---	31.8	28.5	32.3	29.3	31.7	30.1	32.7	30.6	29.2	26.6
30	---	---	32.4	29.6	32.0	29.2	31.5	30.2	32.5	31.0	30.1	27.3
31	---	---	32.1	29.8	---	---	32.1	29.7	32.4	30.7	---	---
MONTH	---	---	---	---	34.2	29.0	34.1	27.7	---	---	32.8	25.2

273126082384700 MANATEE RIVER NEAR MOUTH AT PALMA SOLA, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	41,200	27,700	---	---	---	---	---	---	---	---	---	---
2	42,200	25,700	---	---	---	---	---	---	---	---	---	---
3	41,000	29,900	---	---	---	---	---	---	---	---	---	---
4	39,900	26,400	---	---	---	---	---	---	---	---	---	---
5	41,800	29,300	---	---	---	---	---	---	---	---	---	---
6	39,900	31,600	---	---	---	---	---	---	---	---	---	---
7	43,300	29,500	---	---	---	---	---	---	---	---	---	---
8	41,900	32,200	---	---	---	---	---	---	---	---	---	---
9	43,900	28,700	---	---	---	---	---	---	---	---	43,900	32,300
10	45,000	33,100	---	---	---	---	---	---	---	---	44,500	35,700
11	44,500	37,900	---	---	---	---	---	---	---	---	45,700	38,300
12	45,900	40,600	---	---	---	---	---	---	---	---	45,300	38,000
13	46,600	41,800	---	---	---	---	---	---	---	---	47,300	39,300
14	46,300	40,700	---	---	---	---	---	---	---	---	48,300	39,100
15	---	---	---	---	---	---	---	---	---	---	47,400	38,600
16	---	---	---	---	---	---	---	---	---	---	49,100	38,900
17	---	---	---	---	---	---	---	---	---	---	48,800	38,700
18	---	---	---	---	---	---	---	---	---	---	38,700	26,600
19	---	---	---	---	---	---	---	---	---	---	31,600	19,000
20	---	---	---	---	---	---	---	---	---	---	43,700	19,400
21	---	---	---	---	---	---	---	---	---	---	46,900	25,700
22	---	---	---	---	---	---	---	---	---	---	48,100	28,300
23	---	---	---	---	---	---	---	---	---	---	48,900	34,600
24	---	---	---	---	---	---	---	---	---	---	48,700	35,700
25	---	---	---	---	---	---	---	---	---	---	47,200	36,000
26	---	---	---	---	---	---	---	---	---	---	47,200	38,800
27	---	---	---	---	---	---	---	---	---	---	48,200	39,000
28	---	---	---	---	---	---	---	---	---	---	48,300	40,700
29	---	---	---	---	---	---	---	---	---	---	47,000	39,600
30	---	---	---	---	---	---	---	---	---	---	46,100	38,600
31	---	---	---	---	---	---	---	---	---	---	47,300	36,900
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	46,600	37,800	---	---	48,000	44,700	42,800	27,500	47,000	35,300	48,900	42,900
2	47,100	37,300	45,100	41,600	47,700	42,600	44,900	26,700	46,000	37,300	48,300	43,300
3	43,400	39,100	44,800	40,700	47,900	40,700	46,700	28,500	45,500	38,200	47,400	42,900
4	44,000	39,200	46,100	41,400	47,700	38,300	46,900	27,200	44,700	37,500	47,600	42,200
5	45,900	38,500	46,400	41,800	47,700	34,900	47,300	32,800	44,200	38,300	46,200	40,700
6	46,800	38,500	45,300	40,700	47,200	33,500	46,700	34,500	44,300	38,500	46,700	41,600
7	47,400	41,700	44,000	40,100	45,800	33,000	45,000	36,100	44,600	38,200	46,700	42,700
8	47,500	41,800	45,300	40,600	45,700	32,300	45,100	35,500	44,900	37,400	46,100	41,700
9	45,900	41,100	46,200	40,900	47,300	32,600	44,400	36,300	45,100	36,300	45,800	42,000
10	44,400	40,500	46,100	41,100	46,500	33,400	45,200	35,500	44,900	35,500	46,700	39,300
11	45,300	40,700	45,500	39,400	47,000	35,100	44,100	36,000	45,000	33,000	47,800	41,300
12	47,200	40,900	46,100	39,200	44,100	28,600	43,100	34,100	44,700	33,600	48,100	42,200
13	47,500	41,800	46,900	41,600	43,300	18,900	44,100	32,300	46,200	33,700	48,200	43,300
14	47,800	41,500	47,300	41,700	43,200	17,700	43,200	25,100	44,900	34,400	48,700	44,500
15	44,300	39,900	47,200	43,200	43,000	18,900	44,100	13,200	45,900	36,300	48,100	44,000
16	45,600	38,600	48,000	43,000	42,100	24,600	41,100	13,900	46,900	38,900	47,400	43,600
17	45,000	40,400	47,600	43,400	44,900	28,300	45,000	28,900	44,700	38,600	46,400	41,800
18	44,100	41,200	47,100	43,200	45,800	21,700	45,300	29,300	45,600	38,100	45,900	41,800
19	46,100	40,300	47,400	43,000	42,800	29,400	45,900	31,800	45,900	38,700	45,100	41,400
20	45,900	41,800	48,100	44,100	44,000	15,400	44,400	32,800	45,000	38,500	44,700	39,300
21	46,200	43,200	48,200	44,100	43,800	20,700	43,500	34,500	45,200	39,000	---	---
22	46,200	43,100	48,000	42,600	44,500	25,800	43,900	36,400	45,800	39,300	---	---
23	47,100	43,900	47,400	43,400	44,400	19,800	43,000	36,700	45,700	39,800	---	---
24	47,000	42,500	47,600	44,200	41,700	20,000	42,100	35,100	45,200	39,400	---	---
25	---	---	49,200	44,100	44,500	36,800	41,100	32,500	44,400	37,000	---	---
26	---	---	48,000	42,700	45,800	37,000	43,900	32,100	43,600	34,200	---	---
27	45,700	41,000	---	---	45,400	37,900	43,100	30,500	45,800	41,500	---	---
28	---	---	---	---	45,900	35,100	41,300	30,100	46,600	40,000	---	---
29	---	---	---	---	46,700	38,900	44,900	29,500	47,900	40,600	---	---
30	---	---	49,100	45,300	44,600	30,200	44,700	27,500	48,500	40,700	---	---
31	---	---	48,300	45,700	---	---	47,100	33,800	49,200	41,200	---	---
MONTH	---	---	---	---	48,000	15,400	47,300	13,200	49,200	33,000	---	---

273126082384700 MANATEE RIVER NEAR MOUTH AT PALMA SOLA, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	42,500	27,400	---	---	---	---	---	---	---	---	---	---
2	42,100	27,800	---	---	---	---	---	---	---	---	---	---
3	40,000	28,600	---	---	---	---	---	---	---	---	---	---
4	42,300	25,800	---	---	---	---	---	---	---	---	---	---
5	42,100	30,300	---	---	---	---	---	---	---	---	---	---
6	42,600	30,600	---	---	---	---	---	---	---	---	---	---
7	43,700	32,600	---	---	---	---	---	---	---	---	---	---
8	44,500	34,200	---	---	---	---	---	---	---	---	---	---
9	45,800	36,100	---	---	---	---	---	---	---	---	44,700	33,100
10	46,600	39,400	---	---	---	---	---	---	---	---	44,900	36,100
11	46,600	39,400	---	---	---	---	---	---	---	---	46,000	38,700
12	45,900	40,500	---	---	---	---	---	---	---	---	45,700	37,900
13	45,900	41,600	---	---	---	---	---	---	---	---	47,000	38,800
14	45,600	40,100	---	---	---	---	---	---	---	---	47,500	40,100
15	---	---	---	---	---	---	---	---	---	---	46,900	37,800
16	---	---	---	---	---	---	---	---	---	---	48,200	39,000
17	---	---	---	---	---	---	---	---	---	---	47,400	37,800
18	---	---	---	---	---	---	---	---	---	---	37,800	26,100
19	---	---	---	---	---	---	---	---	---	---	44,500	18,700
20	---	---	---	---	---	---	---	---	---	---	44,700	20,900
21	---	---	---	---	---	---	---	---	---	---	45,800	27,000
22	---	---	---	---	---	---	---	---	---	---	46,900	32,300
23	---	---	---	---	---	---	---	---	---	---	48,000	35,800
24	---	---	---	---	---	---	---	---	---	---	47,800	35,600
25	---	---	---	---	---	---	---	---	---	---	47,000	36,600
26	---	---	---	---	---	---	---	---	---	---	47,200	38,900
27	---	---	---	---	---	---	---	---	---	---	48,500	39,400
28	---	---	---	---	---	---	---	---	---	---	48,900	40,800
29	---	---	---	---	---	---	---	---	---	---	48,200	37,500
30	---	---	---	---	---	---	---	---	---	---	46,300	39,300
31	---	---	---	---	---	---	---	---	---	---	47,800	37,100
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	47,400	38,500	46,000	41,700	48,800	45,100	45,300	29,100	46,400	34,500	49,100	42,600
2	47,600	42,000	45,700	42,400	49,100	43,000	46,600	28,000	45,600	37,200	48,300	43,600
3	43,700	38,900	45,400	41,500	49,400	41,700	47,300	30,300	44,400	37,500	47,300	37,800
4	44,600	38,700	46,800	41,800	49,300	39,500	47,700	30,600	44,000	37,600	47,900	35,800
5	46,500	38,800	46,900	42,200	49,300	35,900	48,000	33,200	44,200	38,000	47,600	36,600
6	47,600	40,200	45,600	40,700	49,200	34,600	47,300	35,800	44,400	38,400	46,200	41,900
7	48,100	42,000	44,300	39,800	47,400	35,100	45,900	36,000	44,600	38,100	47,400	42,900
8	48,100	42,200	46,000	41,500	48,100	35,000	45,500	36,900	45,300	38,000	46,400	44,000
9	46,400	41,600	46,400	41,400	49,300	35,500	44,700	37,100	45,500	37,000	46,600	44,000
10	44,900	41,000	46,500	41,700	48,700	35,500	45,300	36,400	45,000	36,200	47,300	43,000
11	46,100	41,100	46,000	41,200	49,000	36,300	45,400	36,800	44,900	34,300	48,800	42,800
12	47,700	41,400	46,900	41,200	49,100	30,600	45,000	34,300	44,800	34,300	48,100	41,700
13	48,200	42,300	47,500	42,100	49,700	27,700	44,600	32,700	47,300	34,400	49,000	44,400
14	48,400	42,100	48,100	42,100	47,500	27,200	45,300	26,900	46,100	37,000	49,700	44,100
15	45,100	40,500	47,900	43,700	45,700	25,300	44,800	29,300	46,600	36,300	48,500	43,100
16	46,000	39,900	48,600	43,400	44,200	25,400	45,500	28,100	46,700	38,800	46,300	42,200
17	45,200	40,600	48,500	43,800	45,700	28,900	45,300	28,800	45,000	38,900	45,400	38,700
18	44,800	42,100	47,900	44,000	46,400	32,300	44,900	29,200	46,500	39,100	45,400	41,400
19	46,500	41,800	48,500	43,600	45,400	31,200	45,000	31,100	47,100	39,300	45,100	41,600
20	46,700	42,200	48,900	44,700	44,800	30,600	43,400	32,500	45,500	39,700	45,100	41,200
21	46,400	41,100	49,100	44,900	47,100	34,700	42,900	33,500	45,900	39,700	---	---
22	46,500	43,000	48,800	44,800	47,300	36,300	43,200	34,700	46,000	40,100	---	---
23	46,700	42,300	48,300	44,800	47,600	36,900	41,900	34,700	46,100	40,300	---	---
24	47,400	43,400	48,700	45,100	46,300	37,400	41,200	34,100	45,300	39,200	---	---
25	46,400	40,300	50,300	45,300	45,300	37,400	40,300	31,400	44,500	38,100	---	---
26	48,000	43,100	49,300	45,400	46,500	38,900	42,900	32,100	44,200	34,800	---	---
27	46,200	42,200	49,300	45,500	46,400	38,800	42,800	30,700	46,100	42,200	---	---
28	44,500	41,800	49,300	45,500	47,700	37,500	41,400	30,700	47,100	41,100	---	---
29	46,400	41,700	49,600	46,300	48,500	40,400	45,000	29,900	48,500	41,100	---	---
30	47,500	42,400	50,300	46,600	46,800	31,800	44,500	32,500	49,300	41,400	---	---
31	---	---	49,500	46,600	---	---	46,300	33,500	49,700	41,300	---	---
MONTH	48,400	38,500	50,300	39,800	49,700	25,300	48,000	26,900	49,700	34,300	---	---

273126082384700 MANATEE RIVER NEAR MOUTH AT PALMA SOLA, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	30.0	27.7	---	---	---	---	---	---	---	---	---	---
2	30.5	28.0	---	---	---	---	---	---	---	---	---	---
3	30.0	28.1	---	---	---	---	---	---	---	---	---	---
4	31.0	27.6	---	---	---	---	---	---	---	---	---	---
5	30.7	28.3	---	---	---	---	---	---	---	---	---	---
6	29.4	27.8	---	---	---	---	---	---	---	---	---	---
7	28.0	26.6	---	---	---	---	---	---	---	---	---	---
8	27.7	25.7	---	---	---	---	---	---	---	---	---	---
9	27.3	26.1	---	---	---	---	---	---	---	---	17.7	16.7
10	27.2	26.5	---	---	---	---	---	---	---	---	18.6	16.3
11	27.0	25.7	---	---	---	---	---	---	---	---	20.1	17.3
12	27.5	25.4	---	---	---	---	---	---	---	---	20.3	17.7
13	26.8	25.6	---	---	---	---	---	---	---	---	20.1	17.9
14	27.0	25.4	---	---	---	---	---	---	---	---	20.5	19.1
15	---	---	---	---	---	---	---	---	---	---	21.1	20.0
16	---	---	---	---	---	---	---	---	---	---	21.3	20.0
17	---	---	---	---	---	---	---	---	---	---	21.1	20.3
18	---	---	---	---	---	---	---	---	---	---	22.0	19.1
19	---	---	---	---	---	---	---	---	---	---	22.1	18.1
20	---	---	---	---	---	---	---	---	---	---	22.0	18.5
21	---	---	---	---	---	---	---	---	---	---	20.9	19.6
22	---	---	---	---	---	---	---	---	---	---	22.5	20.1
23	---	---	---	---	---	---	---	---	---	---	21.7	21.0
24	---	---	---	---	---	---	---	---	---	---	23.5	20.8
25	---	---	---	---	---	---	---	---	---	---	23.4	21.4
26	---	---	---	---	---	---	---	---	---	---	24.4	22.5
27	---	---	---	---	---	---	---	---	---	---	24.2	23.0
28	---	---	---	---	---	---	---	---	---	---	24.2	22.4
29	---	---	---	---	---	---	---	---	---	---	24.4	21.0
30	---	---	---	---	---	---	---	---	---	---	24.5	21.1
31	---	---	---	---	---	---	---	---	---	---	24.4	22.7
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.8	23.3	24.0	23.1	29.0	28.0	32.2	29.4	33.3	30.2	31.1	30.0
2	24.2	22.2	26.7	23.5	28.5	27.2	31.6	29.4	34.0	31.1	31.8	30.2
3	22.6	20.7	26.3	24.0	28.1	27.2	31.6	29.8	33.2	30.6	31.4	30.0
4	23.6	20.3	25.1	24.1	27.6	26.7	32.9	30.3	33.6	30.6	30.8	29.6
5	23.7	20.7	24.4	23.5	28.5	26.6	32.8	30.3	33.5	30.8	30.2	29.0
6	24.0	21.7	25.1	23.3	31.0	27.3	32.8	30.8	33.6	31.1	30.4	28.6
7	23.2	22.3	24.8	22.7	31.0	27.7	33.6	30.9	32.0	30.9	29.9	28.4
8	24.4	22.1	25.0	23.0	31.1	28.3	32.5	30.8	32.2	30.4	29.6	28.3
9	25.2	22.1	25.6	23.7	29.8	28.7	31.2	28.1	31.8	30.4	30.2	27.7
10	24.7	22.2	26.6	24.2	28.9	26.8	28.6	27.8	32.6	30.6	30.3	28.2
11	24.4	22.4	27.0	24.4	28.8	27.0	30.4	27.9	33.6	31.0	30.6	28.3
12	24.4	23.0	27.2	24.6	30.5	27.8	31.2	28.4	33.5	31.3	30.8	28.2
13	24.9	23.0	26.8	25.0	31.6	27.7	32.6	29.1	34.3	31.0	30.5	28.4
14	24.3	22.5	27.1	24.4	33.0	28.2	33.3	29.0	33.2	31.5	30.1	28.4
15	23.2	21.0	27.1	25.1	33.9	29.3	32.4	29.8	33.3	30.9	30.2	28.3
16	22.2	19.6	28.8	25.6	32.4	29.5	32.3	29.9	33.4	31.5	30.0	28.5
17	22.6	19.7	28.9	26.2	31.4	30.1	31.8	29.5	33.3	31.4	30.1	28.8
18	23.0	19.5	29.4	26.7	31.3	29.4	32.6	29.8	33.3	31.2	30.2	28.9
19	23.0	20.0	28.1	26.7	32.5	29.2	31.5	30.0	33.4	31.4	30.2	29.0
20	23.7	21.1	28.9	26.6	30.8	29.7	31.5	29.9	33.8	31.4	29.1	28.3
21	24.3	21.4	29.8	26.9	30.2	29.0	32.1	29.8	33.1	31.6	---	---
22	25.3	22.1	29.8	27.1	29.0	28.6	33.2	30.4	33.4	31.5	---	---
23	24.3	22.8	29.5	26.9	30.4	27.8	32.3	30.1	33.3	31.6	---	---
24	23.3	21.1	28.4	26.9	29.1	27.9	32.2	30.2	33.4	31.3	---	---
25	22.6	20.2	28.8	26.7	30.2	27.3	32.7	30.1	32.2	30.6	---	---
26	22.6	20.8	28.3	26.4	30.8	28.7	32.1	30.8	30.6	29.1	---	---
27	23.5	20.2	28.5	26.3	30.0	29.2	33.4	30.2	29.9	28.6	---	---
28	23.9	21.5	29.4	27.2	30.8	28.5	33.8	30.0	30.2	28.6	---	---
29	24.1	22.1	30.3	27.9	31.3	29.1	32.9	30.9	30.5	29.1	---	---
30	24.8	23.0	30.7	28.7	31.3	29.0	34.3	30.6	30.6	29.5	---	---
31	---	---	30.3	28.7	---	---	32.3	30.1	30.8	29.7	---	---
MONTH	25.3	19.5	30.7	22.7	33.9	26.6	34.3	27.8	34.3	28.6	---	---

273126082384700 MANATEE RIVER NEAR MOUTH AT PALMA SOLA, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.9	27.8	---	---	---	---	---	---	---	---	---	---
2	30.0	27.9	---	---	---	---	---	---	---	---	---	---
3	30.0	28.2	---	---	---	---	---	---	---	---	---	---
4	30.8	28.2	---	---	---	---	---	---	---	---	---	---
5	30.7	28.4	---	---	---	---	---	---	---	---	---	---
6	30.1	27.9	---	---	---	---	---	---	---	---	---	---
7	28.1	26.8	---	---	---	---	---	---	---	---	---	---
8	28.1	26.0	---	---	---	---	---	---	---	---	---	---
9	27.5	26.3	---	---	---	---	---	---	---	---	17.8	16.8
10	27.3	26.4	---	---	---	---	---	---	---	---	19.2	15.9
11	27.0	25.8	---	---	---	---	---	---	---	---	19.8	17.1
12	27.5	25.5	---	---	---	---	---	---	---	---	19.2	17.4
13	26.7	25.6	---	---	---	---	---	---	---	---	19.8	18.1
14	26.8	25.1	---	---	---	---	---	---	---	---	20.3	19.1
15	---	---	---	---	---	---	---	---	---	---	20.7	19.9
16	---	---	---	---	---	---	---	---	---	---	21.3	19.9
17	---	---	---	---	---	---	---	---	---	---	21.0	20.3
18	---	---	---	---	---	---	---	---	---	---	21.8	18.9
19	---	---	---	---	---	---	---	---	---	---	21.1	17.7
20	---	---	---	---	---	---	---	---	---	---	21.5	18.5
21	---	---	---	---	---	---	---	---	---	---	20.6	19.3
22	---	---	---	---	---	---	---	---	---	---	23.5	19.9
23	---	---	---	---	---	---	---	---	---	---	21.8	21.0
24	---	---	---	---	---	---	---	---	---	---	22.6	20.7
25	---	---	---	---	---	---	---	---	---	---	23.5	21.3
26	---	---	---	---	---	---	---	---	---	---	24.4	22.5
27	---	---	---	---	---	---	---	---	---	---	24.2	22.9
28	---	---	---	---	---	---	---	---	---	---	24.2	22.5
29	---	---	---	---	---	---	---	---	---	---	23.5	21.0
30	---	---	---	---	---	---	---	---	---	---	24.1	21.7
31	---	---	---	---	---	---	---	---	---	---	24.3	22.9
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.6	23.4	24.2	23.1	29.0	28.0	32.2	29.4	33.4	30.4	31.1	30.0
2	24.2	21.9	26.7	23.5	29.1	27.3	32.3	29.5	33.4	31.3	31.5	30.1
3	22.6	20.3	26.2	23.8	28.5	27.2	32.9	29.9	32.9	31.1	31.5	30.0
4	23.0	19.8	25.1	24.1	27.7	26.8	32.5	30.3	33.8	30.8	30.7	29.6
5	23.8	20.7	25.3	23.4	28.5	26.7	34.1	30.7	33.1	30.9	30.0	29.0
6	23.9	21.7	25.2	23.3	30.0	27.4	33.6	31.1	33.2	30.7	30.2	28.6
7	23.2	21.9	25.1	22.6	30.8	28.1	32.9	30.8	32.0	30.9	29.9	28.5
8	24.4	21.9	25.2	22.9	31.3	28.5	32.4	30.8	31.9	30.5	29.5	28.3
9	24.4	21.8	25.8	23.4	29.5	28.5	31.1	28.1	31.7	30.4	30.2	27.7
10	24.4	22.2	26.4	24.3	29.0	26.8	28.7	27.8	32.4	30.7	30.3	28.2
11	24.3	22.8	26.9	24.6	28.8	27.0	30.3	28.0	33.5	31.0	30.6	28.4
12	24.4	23.2	27.1	24.8	29.8	28.0	30.9	28.5	35.2	31.5	30.9	28.3
13	24.7	23.0	26.5	24.9	29.4	28.2	32.6	29.2	34.3	31.5	31.9	28.4
14	24.3	22.6	26.9	24.5	32.5	28.4	32.7	29.5	33.2	31.7	30.3	28.4
15	23.1	21.4	27.0	25.1	33.7	29.0	32.7	30.0	34.2	31.0	30.3	28.3
16	22.1	20.2	28.8	25.6	32.4	29.5	32.4	30.0	33.8	31.5	30.0	28.5
17	22.5	19.5	28.8	26.2	32.1	30.1	32.7	30.3	33.6	31.4	30.1	28.7
18	23.0	19.6	29.3	26.6	31.7	29.8	32.0	30.3	34.1	31.2	30.2	28.9
19	23.2	20.3	28.3	26.7	33.4	29.6	31.4	30.1	33.3	31.4	30.1	29.0
20	24.1	21.1	29.1	26.3	31.4	29.6	31.5	30.0	33.7	31.5	29.2	28.1
21	24.2	21.4	29.2	26.8	30.4	29.0	32.0	30.0	33.1	31.2	---	---
22	25.3	22.0	30.2	27.1	29.3	28.5	33.0	30.6	33.2	31.1	---	---
23	24.2	22.5	29.3	26.7	30.2	28.4	32.1	30.3	33.3	31.6	---	---
24	23.2	21.0	28.3	26.8	29.1	27.9	32.1	29.9	33.3	31.3	---	---
25	23.0	20.2	28.8	26.7	29.8	27.3	32.6	30.5	32.1	30.6	---	---
26	22.6	21.5	28.3	26.4	30.7	28.8	32.2	31.0	30.7	29.3	---	---
27	23.4	21.8	28.4	26.5	31.6	28.9	33.4	30.3	30.2	28.7	---	---
28	23.7	21.5	29.3	27.4	31.6	28.7	33.6	30.2	30.2	28.7	---	---
29	24.0	22.3	30.2	27.9	31.0	29.0	33.3	31.0	31.3	29.1	---	---
30	24.6	23.0	30.3	28.7	31.3	29.0	33.0	30.7	31.7	29.5	---	---
31	---	---	30.1	28.7	---	---	32.8	30.1	31.4	29.6	---	---
MONTH	25.3	19.5	30.3	22.6	33.7	26.7	34.1	27.8	35.2	28.7	---	---

02300100 LITTLE MANATEE RIVER NEAR FORT LONESOME, FL.

LOCATION.--Lat 27° 42'16", long 82° 11'53" (1927 North American datum), in NW$^{1}/_{4}$ sec.15, T.32 S., R.21 E., Hillsborough County, Hydrologic Unit 03100203, on left bank, 100 ft downstream from bridge on State Highway 674, 0.6 mi upstream from Howard Prairie Branch, 3.2 mi west of Fort Lonesome, 6.2 mi east of Wimauma, and 30 mi upstream from mouth.

DRAINAGE AREA.--31.4 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--September 1963 to current year.

GAGE.--Water-stage recorder. Datum of gage is 45.00 ft above National Geodetic Vertical Datum of 1929. Prior to June 23, 1980, at site 100 ft upstream at same datum.

REMARKS.--Records good.

REVISIONS.--The maximum peak stage for period of record reported for water years 1988-2003 is in error. The correct maximum peak stage is 12.24 ft on Sept. 7, 1988.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	156	38	11	13	7.1	86	44	74	44	214	45	91
2	115	40	9.9	11	7.4	53	50	85	71	164	60	86
3	92	41	9.5	9.7	7.0	33	60	78	65	148	69	87
4	88	43	8.4	9.5	6.7	32	51	83	70	141	72	103
5	96	36	7.7	9.5	6.5	28	43	77	135	128	85	84
6	104	38	7.1	8.5	6.3	44	42	84	173	105	140	68
7	103	42	7.2	8.1	6.1	54	46	76	124	94	181	63
8	89	41	6.9	7.9	6.0	47	53	67	148	93	197	76
9	85	46	6.6	7.5	6.0	52	58	58	137	132	178	76
10	92	49	6.8	7.1	6.0	57	54	72	78	211	116	60
11	78	52	7.2	6.9	5.9	65	42	76	140	207	108	48
12	100	52	6.5	6.8	5.5	54	40	58	196	181	90	44
13	81	49	6.2	6.7	5.2	45	44	56	227	150	71	22
14	79	58	5.8	86	5.1	48	28	54	207	150	75	10
15	81	53	6.0	68	5.3	48	15	56	126	163	87	6.4
16	76	58	5.4	45	5.5	45	14	60	106	165	83	5.3
17	60	54	5.5	28	5.6	139	32	60	150	128	81	4.7
18	51	50	6.1	22	5.1	186	43	115	120	113	79	4.4
19	53	47	5.5	17	4.8	147	39	121	85	99	88	3.8
20	56	37	5.1	14	4.7	105	44	99	81	90	87	3.8
21	53	37	5.8	12	4.5	86	46	60	80	98	69	4.2
22	57	40	4.9	11	4.5	93	53	23	89	93	61	6.2
23	49	32	4.8	11	4.6	78	54	9.7	174	92	81	5.6
24	42	19	4.9	9.7	4.8	73	54	8.6	167	86	81	5.5
25	36	33	29	8.9	4.8	73	55	7.5	130	110	79	4.8
26	39	17	79	8.9	4.8	72	45	6.3	101	110	81	4.2
27	46	15	54	9.0	41	69	64	5.7	86	95	83	4.0
28	47	15	30	8.8	85	63	62	5.2	96	83	84	5.0
29	50	13	22	8.2	---	41	61	4.9	248	67	92	7.4
30	51	12	17	7.8	---	45	51	4.8	308	48	94	11
31	49	---	14	7.3	---	57	---	7.2	---	33	88	---
TOTAL	2,254	1,157	405.8	494.8	271.8	2,118	1,387	1,651.9	3,962	3,791	2,885	1,004.3
MEAN	72.7	38.6	13.1	16.0	9.71	68.3	46.2	53.3	132	122	93.1	33.5
MAX	156	58	79	86	85	186	64	121	308	214	197	103
MIN	36	12	4.8	6.7	4.5	28	14	4.8	44	33	45	3.8
CFSM	2.32	1.23	0.42	0.51	0.31	2.18	1.47	1.70	4.21	3.89	2.96	1.07
IN.	2.67	1.37	0.48	0.59	0.32	2.51	1.64	1.96	4.69	4.49	3.42	1.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2005, BY WATER YEAR (WY)

MEAN	24.5	14.8	16.8	22.5	27.3	30.7	14.8	11.3	34.9	54.1	70.3	71.3
MAX	83.0	76.4	139	91.2	154	232	101	76.1	168	187	264	270
(WY)	(1996)	(1996)	(1998)	(1998)	(1998)	(1998)	(1973)	(1987)	(2003)	(1968)	(1967)	(2004)
MIN	0.36	0.38	1.19	1.58	1.92	0.58	0.00	0.00	0.66	2.13	1.56	4.72
(WY)	(1975)	(1975)	(1985)	(1975)	(2001)	(1974)	(1975)	(1967)	(1964)	(1985)	(1996)	(1974)

02300100 LITTLE MANATEE RIVER NEAR FORT LONESOME, FL.—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1964 - 2005	
ANNUAL TOTAL	23,507.99		21,382.6			
ANNUAL MEAN	64.2		58.6		32.8	
HIGHEST ANNUAL MEAN					77.8	1998
LOWEST ANNUAL MEAN					7.98	1985
HIGHEST DAILY MEAN	1,010	Sep 6	308	Jun 30	2,190	Sep 22, 1979
LOWEST DAILY MEAN	0.54	Jun 1	3.8	Sep 19	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.76	May 28	4.6	Sep 16	0.00	Jun 18, 1964
MAXIMUM PEAK FLOW			353	Jun 29	3,100	Sep 22, 1979
MAXIMUM PEAK STAGE			8.50	Jun 29	12.24	Sep 7, 1988
ANNUAL RUNOFF (CFSM)	2.05		1.87		1.04	
ANNUAL RUNOFF (INCHES)	27.85		25.33		14.20	
10 PERCENT EXCEEDS	128		127		82	
50 PERCENT EXCEEDS	32		51		9.1	
90 PERCENT EXCEEDS	2.8		5.6		1.1	

02300100 LITTLE MANATEE RIVER NEAR FORT LONESOME, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1966 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)
DEC											
01...	0855	3.37	11	--	6.8	7.5	319	19.1	.05	.45	<.008
FEB											
08...	1315	2.97	6.1	--	8.6	7.1	229	17.4	<.04	.17	E.004
APR											
12...	1335	4.73	41	762	7.2	7.8	501	21.5	<.04	.17	<.008
MAY											
16...	0812	5.35	59	--	--	--	--	--	.040	.060	.008
JUL											
18...	0900	6.63	115	--	4.7	7.1	474	27.1	E.03	E.05	<.008
AUG											
29...	0900	6.29	93	--	4.6	6.9	453	27.0	<.04	<.06	<.008

Date	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, wat unf by analysis, mg/L (62855)
DEC			
01...	.73	.74	1.19
FEB			
08...	.44	--	--
APR			
12...	.53	.60	.93
MAY			
16...	.529	.591	.74
JUL			
18...	.57	.67	.83
AUG			
29...	.48	.58	.76

<--Less than
E--Estimated

02300200 SOUTH FORK LITTLE MANATEE RIVER NEAR DUETTE, FL.

LOCATION.--Lat 27° 35'25", long 82° 10'57" (1927 North American datum), in $SW^1/_4$ sec.23, T.33 S., R.21 E., Manatee County, Hydrologic Unit 03100103, at bridge on county road, 0.5 mi upstream from Graveyard Creek, 3.7 mi west of Duette, and 12 mi upstream from mouth.

DRAINAGE AREA.--9.4 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--September 1960 to current year (crest stage only).

GAGE.--Crest stage partial record gage. Datum of gage is 89.25 ft above National Geodetic Vertical Datum of 1929.

ANNUAL MAXIMUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Annual Gage Height (ft)	Maximum Discharge ($ft^3/_S$)
Feb. 28	3.84	301

02300200 SOUTH FORK LITTLE MANATEE RIVER NEAR DUETTE, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years February 1962 to current year (incomplete).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Color, water, fltrd, Pt-Co units (00080)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Chloride, water, fltrd, mg/L (00940)
NOV													
30...	1415	1.41	--	--	1.7	7.6	416	18.2	--	--	--	--	--
FEB													
08...	1150	1.35	--	765	3.5	6.8	303	15.4	--	--	--	--	--
APR													
12...	1245	-1.21	100	761	4.3	7.6	263	20.0	24.1	9.01	5.15	9.22	18.5
JUN													
02...	0950	1.37	--	--	--	--	--	--	--	--	--	--	--
JUL													
20...	1340	-.09	--	--	6.3	7.6	170	27.4	--	--	--	--	--
AUG													
31...	1115	-.86	125	--	4.4	7.4	206	27.2	17.2	6.33	8.38	7.07	20.7

Date	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, wat unf by analysis, mg/L (62855)	Strontium, water, fltrd, ug/L (01080)
NOV											
30...	--	--	--	--	.10	<.06	<.008	.54	.53	.50	--
FEB											
08...	--	--	--	--	.04	E.03	E.004	.33	--	--	--
APR											
12...	.4	4.66	34.2	171	.04	.06	<.008	.30	.33	.80	798
JUN											
02...	--	--	--	--	E.02	.12	E.005	.25	.31	.95	--
JUL											
20...	--	--	--	--	E.03	.10	<.008	.37	.42	1.20	--
AUG											
31...	.3	8.01	23.0	165	E.04	.08	<.008	.30	.37	1.01	364

<--Less than
E--Estimated

02300210 SOUTH FORK LITTLE MANATEE RIVER NEAR PARRISH, FL.

LOCATION.--Lat 27° 36'06", long 82° 12'41" (1927 North American datum), in SW$^{1}/_{4}$ sec.16, T.33 S., R.21 E., Manatee County, Hydrologic Unit 03100203, on southwest side of bridge, 1.2 mi north of State Road 674, and 13.1 mi east of Parrish.

DRAINAGE AREA.--21.4 mi^2.

PERIOD OF RECORD.--October 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage has not been determined.

REMARKS.--Records fair except those for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	73	4.4	5.1	11	4.5	155	7.2	6.3	e12	109	52	13
2	49	3.1	4.6	9.6	3.9	86	12	7.3	28	75	27	29
3	32	2.7	5.4	8.1	3.5	52	14	6.5	48	46	20	72
4	21	2.7	5.5	7.3	3.2	36	12	9.2	54	26	17	45
5	16	3.5	4.1	6.6	3.0	25	8.5	10	107	17	13	29
6	15	3.6	3.9	6.1	2.8	19	6.2	8.7	115	10	20	17
7	12	2.9	3.9	5.8	2.6	15	5.2	6.2	105	6.3	61	12
8	11	2.8	4.2	6.2	2.4	11	7.7	3.9	88	4.3	132	9.5
9	9.7	2.7	4.0	6.4	2.2	11	6.7	2.6	e110	19	128	7.6
10	8.2	2.9	3.7	6.0	2.3	17	5.2	2.1	e205	70	99	6.2
11	10	2.8	4.3	6.0	2.3	16	4.1	2.0	e280	102	68	5.2
12	25	2.8	3.5	5.4	2.8	14	3.4	1.8	e260	75	35	4.8
13	19	2.8	3.2	4.4	3.6	10	3.6	1.8	e205	47	19	4.2
14	16	2.5	3.0	23	5.1	7.9	3.8	1.7	133	33	13	3.8
15	14	2.3	2.8	43	6.7	6.9	2.8	1.6	77	33	9.9	3.6
16	13	2.0	2.9	48	5.8	6.3	2.4	1.5	84	67	7.9	3.3
17	11	3.0	3.1	30	3.7	119	2.1	1.4	74	83	7.8	3.0
18	9.4	3.4	3.1	18	2.7	244	2.0	2.6	44	66	6.2	2.6
19	8.0	3.0	2.9	13	2.1	145	1.9	5.1	22	38	4.9	2.8
20	7.1	2.6	2.9	11	1.9	88	1.9	e6.8	12	22	4.3	2.7
21	6.8	2.6	2.8	9.1	1.7	54	2.1	e7.0	11	17	3.7	3.3
22	6.4	3.0	2.8	8.0	1.7	33	2.0	e7.6	16	15	15	8.6
23	5.6	3.2	2.6	7.3	1.7	23	1.7	e6.9	19	26	87	6.9
24	6.0	2.5	2.9	6.5	1.9	21	1.7	e6.1	21	26	17	6.6
25	4.9	13	30	6.7	1.8	18	1.6	e5.4	18	109	11	5.0
26	4.1	8.3	85	7.0	1.8	16	1.6	e4.9	12	96	9.9	4.3
27	4.0	5.6	77	6.3	100	13	6.6	e4.5	7.6	65	8.7	5.9
28	3.7	11	47	5.5	305	11	4.7	e4.1	8.4	36	13	29
29	3.7	8.2	28	7.0	---	9.1	3.4	e3.9	36	36	17	14
30	3.8	6.2	18	7.2	---	7.4	2.7	e3.6	55	61	12	17
31	4.3	---	14	5.8	---	6.7	---	e3.4	---	55	9.4	---
TOTAL	432.7	122.1	386.2	351.3	482.7	1,296.3	140.8	146.5	2,267.0	1,490.6	948.7	376.9
MEAN	14.0	4.07	12.5	11.3	17.2	41.8	4.69	4.73	75.6	48.1	30.6	12.6
MAX	73	13	85	48	305	244	14	10	280	109	132	72
MIN	3.7	2.0	2.6	4.4	1.7	6.3	1.6	1.4	7.6	4.3	3.7	2.6

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2005, BY WATER YEAR (WY)

MEAN	11.9	7.28	16.6	14.2	16.8	21.5	13.4	8.76	55.1	55.7	88.4	87.9
MAX	17.5	14.9	51.6	38.4	28.9	41.8	22.7	18.2	145	77.3	186	176
(WY)	(2004)	(2003)	(2003)	(2003)	(2004)	(2005)	(2002)	(2003)	(2003)	(2001)	(2003)	(2001)
MIN	7.77	4.07	4.70	5.36	4.66	12.1	4.69	4.01	4.81	17.3	30.6	12.6
(WY)	(2003)	(2005)	(2002)	(2004)	(2001)	(2002)	(2005)	(2001)	(2004)	(2004)	(2005)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2001 - 2005	
ANNUAL TOTAL	11,583.35		8,441.8			
ANNUAL MEAN	31.6		23.1		33.2	
HIGHEST ANNUAL MEAN					53.7	2003
LOWEST ANNUAL MEAN					23.1	2005
HIGHEST DAILY MEAN	637	Sep 6	305	Feb 28	1,210	Sep 14, 2001
LOWEST DAILY MEAN	0.65	Jun 1	1.4	May 17	0.36	Jun 14, 2001
ANNUAL SEVEN-DAY MINIMUM	0.75	May 29	1.7	May 11	0.75	May 29, 2004
MAXIMUM PEAK FLOW			378	Feb 28	2,380	Sep 14, 2001
MAXIMUM PEAK STAGE			17.50	Feb 28	20.30	Sep 14, 2001
10 PERCENT EXCEEDS	85		71		92	
50 PERCENT EXCEEDS	6.4		7.3		8.4	
90 PERCENT EXCEEDS	2.1		2.6		3.3	

e Estimated

02300300 SOUTH FORK LITTLE MANATEE RIVER NEAR WIMAUMA, FL.

LOCATION.--Lat 27° 38'57", long 82° 17'40" (1927 North American datum), in SE$^{1}/_{4}$ sec.34, T.32 S., R.20 E., Hillsborough County, Hydrologic Unit 03100203, on right bank 50 ft upstream from bridge on State Highway 579, 1.0 mi upstream from mouth, and 4.3 mi south of Wimauma.

DRAINAGE AREA.--38.4 mi^2.

PERIOD OF RECORD.--October 1987 to September 1988; October 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage has not been determined.

REMARKS.--Records fair except those for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	108	18	19	30	17	316	22	21	37	99	73	28
2	81	18	18	27	16	159	35	26	71	125	65	70
3	64	17	17	24	16	97	36	22	77	100	46	64
4	53	16	17	22	15	78	30	30	119	66	37	72
5	45	15	17	20	15	60	26	32	235	46	32	52
6	40	16	15	19	14	48	22	27	218	35	32	39
7	36	16	13	19	14	39	20	23	148	26	38	28
8	32	13	14	19	14	33	24	19	117	22	69	24
9	30	13	15	18	15	32	23	17	124	57	144	21
10	28	15	15	18	15	44	20	15	237	130	136	20
11	45	15	16	18	14	40	18	15	379	158	100	17
12	63	15	15	17	13	35	17	15	378	197	72	15
13	56	15	14	16	13	30	16	14	237	200	47	15
14	45	14	14	85	14	26	16	13	231	293	33	14
15	38	14	14	82	15	24	16	11	178	174	26	14
16	35	13	16	65	17	23	14	12	169	171	22	14
17	31	13	16	61	17	155	13	12	122	149	20	12
18	28	14	16	49	15	340	13	14	98	133	21	11
19	26	15	15	38	14	262	13	14	69	99	18	10
20	26	14	14	31	12	151	13	15	46	70	16	11
21	25	13	15	27	12	98	12	18	35	62	15	13
22	25	13	16	24	12	72	12	15	41	46	16	16
23	24	13	15	23	12	57	12	12	40	43	34	17
24	22	15	13	21	12	52	11	11	40	47	73	15
25	19	43	62	21	11	44	10	10	40	66	31	13
26	18	31	155	21	11	38	11	8.7	35	126	23	12
27	17	22	103	21	59	34	23	8.3	27	106	20	12
28	16	37	84	20	284	30	22	8.2	e41	86	21	19
29	16	31	63	19	---	27	17	7.8	e122	116	25	33
30	18	23	48	19	---	24	15	7.4	e108	92	26	32
31	18	---	37	19	---	23	---	11	---	88	22	---
TOTAL	1,128	540	921	913	708	2,491	552	484.4	3,819	3,228	1,353	733
MEAN	36.4	18.0	29.7	29.5	25.3	80.4	18.4	15.6	127	104	43.6	24.4
MAX	108	43	155	85	284	340	36	32	379	293	144	72
MIN	16	13	13	16	11	23	10	7.4	27	22	15	10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2005, BY WATER YEAR (WY)

MEAN	28.2	27.7	32.3	32.1	31.9	44.2	22.5	15.0	72.6	77.1	127	171
MAX	43.7	43.1	98.3	83.4	52.3	80.4	35.8	26.5	223	105	276	326
(WY)	(2004)	(1988)	(2003)	(2003)	(2004)	(2005)	(2003)	(2003)	(2003)	(2002)	(2003)	(1988)
MIN	18.1	14.9	12.5	12.8	9.03	25.5	13.4	7.23	9.38	28.8	43.6	24.4
(WY)	(2003)	(2001)	(2001)	(2001)	(2001)	(2004)	(1988)	(2001)	(2004)	(2004)	(2005)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1988 - 2005	
ANNUAL TOTAL	19,042.0		16,870.4			
ANNUAL MEAN	52.0		46.2		56.8	
HIGHEST ANNUAL MEAN					87.4	2003
LOWEST ANNUAL MEAN					38.8	2002
HIGHEST DAILY MEAN	740	Sep 6	379	Jun 11	4,200	Sep 7, 1988
LOWEST DAILY MEAN	2.7	Jun 3	7.4	May 30	2.7	Jun 15, 2001
ANNUAL SEVEN-DAY MINIMUM	3.2	Jun 2	8.8	May 24	3.2	Jun 2, 2004
MAXIMUM PEAK FLOW			455	Jun 11	3,340	Sep 14, 2001
MAXIMUM PEAK STAGE			16.87	Jun 11	23.74	Jun 22, 2004
10 PERCENT EXCEEDS	122		116		123	
50 PERCENT EXCEEDS	19		23		22	
90 PERCENT EXCEEDS	7.7		13		9.6	

e Estimated

02300500 LITTLE MANATEE RIVER NEAR WIMAUMA, FL.

LOCATION.--Lat 27° 40'15", long 82° 21'10" (1927 North American datum), in NE 1/ 4 sec.25, T.32 S., R.19 E., Hillsborough County, Hydrologic Unit 03100203, near center of span on downstream side of bridge on U. S. Highway 301, 1.6 mi upstream from Cypress Creek, 4.2 mi southwest of Wimauma, and 15 mi upstream from mouth.

DRAINAGE AREA.--149 mi^2.

PERIOD OF RECORD.--March 1939 to current year.

REVISED RECORDS.--WSP 1032: 1939(M). WSP 1905: 1961-62, 1965 drainage area.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1965, at site 75 ft downstream at datum 2.17 ft higher; Oct. 1, 1965, to Sept. 30, 1970, at site 75 ft downstream at present datum.

REMARKS.--Records fair. Some diversion, 3.3 mi upstream from station by Manatee Power Plant since June 1974. Stage-discharge relation affected by tide on some days. WDR 1992 through WDR 2002 period of record gage height at present datum.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	778	105	75	103	65	513	140	200	123	804	209	132
2	529	100	69	94	64	449	168	237	260	796	201	164
3	359	98	68	84	63	268	201	193	298	619	183	169
4	267	97	65	78	59	212	171	170	296	411	167	176
5	234	98	63	74	55	183	148	180	458	322	157	180
6	226	90	58	72	51	151	130	166	569	253	166	141
7	212	88	51	70	53	145	124	157	528	203	205	109
8	198	90	53	69	56	140	143	141	474	174	277	109
9	181	87	56	65	56	132	143	127	508	263	350	107
10	175	92	54	62	55	173	135	115	551	535	422	104
11	197	95	63	61	47	168	122	123	751	754	329	86
12	347	100	55	60	43	156	108	123	977	979	238	75
13	321	100	47	56	42	137	108	107	949	926	199	70
14	239	97	47	324	41	123	107	103	777	955	158	60
15	203	100	47	586	40	117	91	97	674	850	150	42
16	192	94	57	477	43	118	77	99	538	774	148	37
17	174	97	57	248	44	476	72	107	400	803	138	31
18	151	94	61	177	43	866	87	116	341	741	133	28
19	139	93	60	144	38	962	91	162	294	520	133	24
20	140	91	51	123	36	782	92	168	210	360	133	21
21	138	84	51	111	33	520	93	151	187	327	129	25
22	134	81	57	101	35	385	95	109	204	313	112	53
23	133	83	53	95	36	335	101	75	228	261	119	54
24	121	81	47	86	38	300	100	57	337	267	177	41
25	109	169	106	86	33	262	98	51	295	328	145	32
26	102	152	392	87	33	232	98	42	231	520	125	26
27	103	100	389	85	104	206	164	37	180	468	124	25
28	104	102	248	81	352	188	161	35	174	351	164	62
29	106	100	180	78	---	166	135	30	347	330	167	93
30	109	84	143	76	---	142	122	26	653	331	162	122
31	110	---	119	71	---	141	---	37	---	284	145	---
TOTAL	6,531	2,942	2,942	3,984	1,658	9,148	3,625	3,541	12,812	15,822	5,665	2,398
MEAN	211	98.1	94.9	129	59.2	295	121	114	427	510	183	79.9
MAX	778	169	392	586	352	962	201	237	977	979	422	180
MIN	102	81	47	56	33	117	72	26	123	174	112	21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2005, BY WATER YEAR (WY)

MEAN	148	75.8	81.5	116	129	149	78.1	51.4	162	295	370	411
MAX	1,160	430	730	483	950	921	439	288	851	1,444	964	1,262
(WY)	(1953)	(1998)	(1998)	(1948)	(1998)	(1998)	(1958)	(1987)	(2003)	(1945)	(1943)	(1960)
MIN	12.0	8.91	14.4	17.2	15.9	12.0	6.78	3.75	5.13	17.9	53.1	39.1
(WY)	(1943)	(1943)	(1962)	(1943)	(1943)	(1945)	(1945)	(1945)	(1951)	(1956)	(1942)	(1976)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1940 - 2005	
ANNUAL TOTAL	85,213		71,068			
ANNUAL MEAN	233		195		172	
HIGHEST ANNUAL MEAN					411	1959
LOWEST ANNUAL MEAN					40.2	1956
HIGHEST DAILY MEAN	4,790	Sep 7	979	Jul 12	11,100	Sep 11, 1960
LOWEST DAILY MEAN	11	Jun 3	21	Sep 20	0.92	Dec 18, 1976
ANNUAL SEVEN-DAY MINIMUM	12	May 29	30	Sep 15	1.2	Dec 14, 1976
MAXIMUM PEAK FLOW			1,030	Jun 12	14,000	Sep 11, 1960
MAXIMUM PEAK STAGE			11.30	Jun 12	20.14	Sep 8, 1988
10 PERCENT EXCEEDS	524		470		390	
50 PERCENT EXCEEDS	101		125		61	
90 PERCENT EXCEEDS	28		47		17	

02300500 LITTLE MANATEE RIVER NEAR WIMAUMA, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--March 1993 to September 2005 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15-minute interval, mounted on a 2-inch pipe with the top of funnel 25 ft above the river elevation which changes in relation to the ground (shore).

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2001 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.39	1.45	0.04	0.00	0.01
2	0.00	0.00	0.00	0.00	0.13	0.00	0.95	0.01	0.66	0.00	0.00	0.03
3	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.01	0.14	0.00	0.00	0.00
4	0.14	0.00	0.00	0.00	0.00	0.02	0.00	0.11	0.80	0.00	0.00	0.00
5	0.23	0.04	0.00	0.00	0.00	0.00	0.00	0.10	0.12	0.00	0.18	0.00
6	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.04	0.00	0.13	0.01
8	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.11	0.18	0.11	0.00
9	0.00	0.01	0.00	0.00	0.00	0.58	0.00	0.00	0.52	1.44	0.24	0.00
10	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.39	0.29	0.00	0.00
11	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.11	0.43	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.25	0.19	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.01	0.28	0.00	0.00
14	0.00	0.00	0.00	2.45	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
15	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.74	0.00	0.31	0.00	0.09	0.00	0.00
17	0.00	0.00	0.07	0.00	0.00	2.06	0.00	0.15	0.00	0.06	0.00	0.00
18	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.13	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.25	0.00	0.04
21	0.02	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.51	0.00	0.00	0.24
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.04	0.09
23	0.00	0.00	0.02	0.00	0.00	0.33	0.05	0.00	0.84	0.00	0.33	0.02
24	0.00	1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.19	0.00	0.00
25	0.00	0.06	2.04	0.00	0.02	0.21	0.00	0.00	0.00	0.00	0.04	0.00
26	0.00	0.00	0.00	0.00	0.01	0.00	1.06	0.01	0.00	0.10	0.00	0.00
27	0.00	0.21	0.00	0.00	1.67	0.00	0.51	0.00	0.00	0.00	0.17	0.05
28	0.00	0.01	0.00	0.00	0.00	0.03	0.00	0.00	1.23	0.23	0.00	0.42
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.05	0.06	0.00	0.28
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	1.90	0.09	0.00	0.15
31	0.00	---	0.00	0.00	---	0.00	---	0.88	---	0.00	0.60	---
TOTAL	1.59	1.91	2.35	2.45	1.83	4.44	3.30	3.10	10.61	4.74	2.16	1.34

CAL YR 2004 TOTAL 62.49
WTR YR 2005 TOTAL 39.82

02300532 LITTLE MANATEE RIVER NEAR RUSKIN, FL.

LOCATION.--Lat 27° 39'56", long 82° 25'56" (1983 North American datum), in SW$^{1}/_{4}$ sec.29, T.32 S., R.19 E., Hillsborough County, Hydrologic Unit 03100203, on right upstream side of the north bound bridge of I-75 over the Manatee River, attached to outside wooden barrier, and 6.8 mi from mouth.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 2004 to September 2005 (tidal high-high and low-low only).

GAGE.--Water-stage recorder. Datum of gage is North American Vertical Datum of 1988.

REMARKS.--Interruptions in record were due to days in which tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 3.93 ft Nov. 23, 1988; minimum, 2.74 ft below NGVD of 1929, Dec. 15, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 2.17 ft, July 10; minimum, 2.74 ft below NGVD, Dec. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	---	---	---	---	1.12	-1.16			0.76	-1.70			0.00	-1.83			0.62	-1.47			0.33	-0.98		
2	---	---	---	---	1.19	-1.11			0.35	-1.75			0.09	-1.68			0.67	-1.58			0.25	-1.14		
3	---	---	---	---	0.91	-1.32			0.22	-1.91			0.01	-1.73			1.06	-1.77			-0.13	-1.56		
4	---	---	---	---	0.66	-1.24			0.00	-1.76			0.17	-1.60			0.10	-1.80			0.35	-1.88		
5	---	---	---	---	1.20	-1.50			-0.09	-1.91			0.44	-1.75			0.62	-2.24			0.21	-1.96		
6	---	---	---	---	-0.26	-1.74			0.24	-1.35			0.63	-1.91			---	-2.10			0.47	-2.00		
7	---	---	---	---	-0.05	-1.34			-0.02	-1.47			---	-1.94			1.32	-1.64			---	-1.90		
8	---	---	---	---	0.36	-1.28			0.55	-1.49			0.69	-1.99			1.37	-1.27			1.13	-0.91		
9	---	---	---	---	0.18	-1.51			0.36	-1.84			0.78	-2.11			1.55	-1.10			0.31	-1.88		
10	---	---	---	---	-0.05	-1.74			0.86	-1.50			0.72	-2.05			1.51	-0.74			0.29	-1.68		
11	---	---	---	---	0.63	-1.39			1.06	-1.37			0.87	-1.91			0.29	-1.74			0.54	-1.17		
12	---	---	---	---	1.27	-1.04			0.35	-2.30			1.09	-1.74			0.13	-1.58			0.15	-1.52		
13	---	---	---	---	1.69	-0.90			0.69	-2.02			1.04	-1.43			0.82	-1.36			0.42	-1.54		
14	---	---	---	---	1.14	-1.77			0.87	-1.96			1.41	-0.50			0.74	-1.03			0.26	-1.51		
15	---	---	---	---	0.30	-2.11			-0.90	-2.74			-0.34	-1.00			0.58	-1.23			0.28	-1.83		
16	---	---	---	---	0.71	-1.86			-0.89	-2.49			-0.44	-1.10			0.64	-1.64			1.03	-1.90		
17	---	---	---	---	0.85	-1.61			-0.21	-2.05			-0.42	-1.63			0.58	-1.57			0.72	-1.07		
18	---	---	---	---	0.55	-1.56			-0.10	-1.74			-0.40	-1.91			0.12	-2.15			0.31	-0.37		
19	---	---	---	---	0.47	-1.36			0.07	-1.63			0.35	-2.04			0.09	-2.38			0.27	-0.26		
20	---	---	---	---	0.56	-1.05			-0.59	-2.14			0.73	-1.94			-0.14	-2.19			0.54	-0.37		
21	---	---	---	---	0.57	-0.99			0.20	-2.09			---	-1.55			0.48	-1.90			0.19	-0.79		
22	---	---	---	---	0.53	-1.13			---	-2.05			0.97	-1.54			0.56	-1.81			0.67	-0.90		
23	---	---	---	---	0.79	-1.09			0.85	-1.47			1.23	-1.34			0.49	-1.79			0.72	-0.93		
24	---	---	---	---	1.07	-0.91			0.69	-1.84			-0.60	-2.35			0.62	-1.53			0.68	-1.08		
25	---	---	---	---	1.85	-0.34			0.00	-2.28			0.44	-1.88			0.53	-1.57			0.42	-1.11		
26	---	---	---	---	0.61	-1.63			1.93	-1.22			0.79	-1.44			0.14	-1.68			0.53	-1.21		
27	---	---	---	---	0.61	-1.59			-0.61	-1.55			0.88	-1.51			1.30	-1.60			0.83	-0.85		
28	0.70	-1.37			1.60	-1.38			-0.48	-1.90			0.56	-1.73			0.93	-0.73			1.00	-0.99		
29	0.93	-1.25			0.37	-1.87			0.04	-1.87			0.10	-1.75			---	---			0.47	-1.15		
30	1.05	-1.19			0.57	-1.83			0.21	-1.92			0.78	-0.86			---	---			0.64	-1.68		
31	1.12	-1.17			---	---			0.40	-1.75			0.38	-1.28			---	---			0.95	-1.81		
MAX	---	---	---	---	1.85	-0.34			---	-1.22			---	-0.50			---	-0.73			---	-0.26		
MIN	---	---	---	---	-0.26	-2.11			---	-2.74			---	-2.35			---	-2.38			---	-2.00		

02300532 LITTLE MANATEE RIVER AT I-75 NEAR RUSKIN, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	1.03		-1.84		1.30		-1.53		0.73		-1.00		1.04		-0.17		0.89		-1.41		1.04		-1.32	
2	0.54		-1.46		0.48		-1.16		0.67		-1.03		1.17		-0.25		0.98		-1.41		1.11		-1.04	
3	0.04		-1.94		0.23		-1.51		0.87		-0.86		1.19		-0.63		0.99		---		0.82		-1.18	
4	0.30		-1.99		0.50		-1.34		0.89		-1.01		1.00		-1.02		0.87		-1.41		0.61		-1.09	
5	-0.12		-1.77		0.88		-1.22		1.15		---		1.19		---		0.97		-1.58		0.29		-1.18	
6	0.60		-1.42		0.26		-1.68		1.11		-0.84		1.39		-1.13		0.79		-1.44		0.55		-1.16	
7	0.63		-1.19		0.37		-1.67		1.14		-0.76		1.13		-1.06		0.80		-1.42		0.50		-1.19	
8	1.04		-1.13		0.94		-0.85		1.06		-0.96		1.06		-1.32		0.60		-1.25		0.54		-1.18	
9	0.60		-0.90		1.05		-1.40		1.05		-0.92		0.75		-1.33		0.42		-1.07		0.65		-1.20	
10	0.58		-1.45		1.14		-1.49		0.53		-0.90		2.17		-0.50		0.39		-0.92		0.64		-1.43	
11	0.94		-1.71		0.89		-1.49		1.41		-0.75		0.98		0.20		0.47		-0.95		0.54		-1.61	
12	1.16		-1.50		0.93		-1.67		0.99		0.05		1.00		-0.12		0.56		-1.18		0.67		-1.49	
13	1.01		-1.16		0.64		-1.66		0.73		-0.05		0.64		0.02		0.74		-1.25		1.32		-1.37	
14	0.97		-1.48		0.89		-1.76		0.61		-0.23		0.83		0.03		0.87		-1.44		1.47		-1.16	
15	-0.09		-1.90		0.36		-1.57		0.45		-0.44		0.92		0.15		0.88		-1.64		1.30		-1.18	
16	-0.31		-2.39		0.28		-1.58		0.66		-0.50		1.03		-0.21		1.00		-1.37		1.42		-0.99	
17	-0.23		-2.47		0.13		-1.64		0.90		-0.79		1.00		-0.34		1.20		-1.38		1.01		-1.03	
18	-0.20		-2.19		0.16		-1.59		1.04		-0.95		1.16		-0.50		1.46		---		1.04		-1.01	
19	0.03		-1.91		0.27		-1.42		0.98		-1.25		1.39		-0.88		1.40		-1.27		0.68		-1.15	
20	0.34		-1.62		0.68		-1.13		0.84		---		1.39		---		1.36		-1.16		0.20		-1.85	
21	0.57		-1.29		0.85		-1.27		1.09		-1.49		1.45		-0.99		1.10		-1.10		-0.55		-1.95	
22	0.63		-1.23		0.75		-1.55		1.27		-1.37		1.46		-0.98		0.85		-1.09		2.12		-0.84	
23	0.91		-0.86		0.94		-0.79		1.42		-1.39		1.08		-0.95		0.61		-1.09		1.68		-0.86	
24	0.49		-1.56		1.29		-1.64		1.02		-0.86		0.85		-1.11		0.76		-0.97		1.22		-1.12	
25	0.73		-0.98		1.45		-1.44		1.30		-1.15		0.56		-1.14		0.65		-1.42		0.91		-1.18	
26	1.23		-1.66		1.22		-1.67		1.11		-1.09		0.50		-0.83		-0.95		-2.23		0.90		-1.01	
27	1.28		-1.28		1.34		-1.69		0.55		-1.06		0.51		-0.79		0.99		-0.36		0.96		-1.01	
28	0.56		-1.48		1.10		-1.64		0.31		-1.32		0.48		-1.16		1.61		-0.70		1.26		-0.61	
29	1.18		-1.84		0.66		-1.57		0.52		-0.81		0.60		-1.13		1.37		-0.81		1.46		-0.48	
30	1.20		-1.58		0.69		-1.60		0.83		-0.20		0.59		-1.31		1.35		-0.95		1.32		-0.52	
31	---		---		0.48		-1.19		---		---		0.75		-1.35		1.12		-1.15		---		---	
MAX	1.28		-0.86		1.45		-0.79		1.42		---		2.17		---		1.61		---		2.12		-0.48	
MIN	-0.31		-2.47		0.13		-1.76		0.31		---		0.48		---		-0.95		---		-0.55		-1.95	

02300542 LITTLE MANATEE RIVER AT I-75 NEAR RUSKIN, FL.

LOCATION.--Lat 27° 39'56", long 82° 25'56" (1983 North American datum), in SW$^{1}/_{4}$ sec.29, T.32 S., R.19 E., Hillsborough County, Hydrologic Unit 03100203, on right upstream side of the north bound bridge of I-75 over the Manatee River, attached to outside wooden barrier, and 6.8 mi from mouth.

DRAINAGE AREA.--185 mi^2.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--Oct. 2004 to current year (tidal high-high and low-low only) .

GAGE.--Water-stage recorder. Datum of gage is North American Vertical Datum of 1988.

REMARKS.--Interruptions in record were due to days in which tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 2.50 ft Sept. 22, 2005; minimum, 2.89 ft below NGVD, Dec. 15, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 2.50 ft Sept. 22; minimum, 2.89 ft below NGVD of 1929, Dec. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	1.40	-0.60	1.39	-0.96	1.03	-1.53	0.23	-1.66	0.88	-1.20	0.45	-1.25
2	1.16	-0.94	1.46	-0.88	0.62	-1.56	0.29	-1.47	0.94	-1.33	0.40	-1.19
3	0.96	-1.18	1.18	-1.10	0.49	-1.72	0.22	-1.51	1.36	-1.55	0.07	-1.82
4	1.13	-0.98	0.94	-1.02	0.24	-1.54	0.38	-1.36	0.37	-1.57	0.55	-2.01
5	0.86	-1.20	1.47	-1.30	0.14	-1.69	0.68	-1.52	0.90	-2.08	0.44	-2.05
6	0.61	-1.25	-0.06	-1.54	0.48	-1.08	0.88	-1.72	---	-1.92	0.69	-1.98
7	0.22	-1.55	0.20	-1.11	0.80	-1.22	---	-1.75	1.65	-1.42	0.08	-1.82
8	0.64	-1.14	0.61	-1.04	-0.05	-1.25	0.96	-1.82	1.70	-1.02	1.37	-0.70
9	1.10	-0.75	0.41	-1.31	0.60	-1.64	1.05	-1.97	1.88	-0.86	0.53	-1.78
10	1.18	-0.56	0.15	-1.58	1.14	-1.28	1.00	-1.91	1.85	-0.48	0.48	-1.65
11	1.43	-0.40	0.86	-1.19	1.36	-1.17	1.16	-1.71	0.55	-1.52	0.73	-1.16
12	1.22	-0.42	1.55	-0.85	0.62	-2.23	1.41	-1.50	0.37	-1.32	0.35	-1.41
13	1.26	-0.38	2.00	-0.75	0.98	-1.90	1.36	-1.18	1.10	-1.07	0.62	-1.03
14	1.11	-0.84	1.42	-1.62	1.16	-1.82	1.68	-0.70	1.02	-0.72	0.44	-1.34
15	1.40	-0.27	0.54	-2.03	-0.67	-2.89	-0.34	-1.61	0.85	-0.94	0.48	-1.71
16	1.06	-1.23	0.97	-1.72	-0.66	-2.35	-0.45	-1.56	0.92	-1.38	1.26	-1.78
17	1.16	-1.30	1.12	-1.46	0.06	-1.84	-0.25	-1.93	0.84	-1.28	0.72	-1.11
18	1.27	-1.24	0.81	-1.39	0.15	-1.50	-0.20	-2.08	0.40	-1.94	0.07	-1.07
19	1.50	-1.16	0.74	-1.15	0.31	-1.38	0.58	-2.16	0.37	-2.17	0.00	-1.46
20	1.38	-1.18	0.82	-0.80	-0.36	-1.92	0.98	-1.91	0.10	-1.98	0.57	-1.52
21	0.98	-1.47	0.82	-0.74	0.47	-1.87	---	-1.38	0.77	-1.65	0.27	-1.39
22	0.44	-1.51	0.78	-0.88	---	-1.83	1.24	-1.36	0.83	-1.57	0.83	-1.12
23	0.82	-1.14	1.04	-0.85	1.16	-1.21	1.49	-1.13	0.75	-1.55	0.89	-1.08
24	1.00	-0.77	1.34	-0.67	0.96	-1.62	-0.34	-2.31	0.88	-1.29	0.84	-1.11
25	0.95	-0.69	2.16	-0.19	0.25	-2.14	0.70	-1.72	0.78	-1.33	0.60	-1.11
26	0.88	-0.98	0.84	-1.65	2.28	-1.53	1.06	-1.24	0.40	-1.44	0.70	-1.16
27	0.74	-1.19	0.84	-1.48	-0.55	-2.30	1.16	-1.30	1.53	-1.08	1.02	-0.89
28	0.95	-1.16	1.90	-1.23	-0.32	-2.33	0.80	-1.49	1.10	-0.72	1.19	0.34
29	1.21	-1.07	0.61	-1.76	0.26	-1.93	0.32	-1.52	---	---	0.66	-1.02
30	1.30	-1.00	0.82	-1.66	0.45	-1.86	1.05	-0.61	---	---	0.83	-1.60
31	1.38	-0.96	---	---	0.64	-1.61	0.64	-1.01	---	---	1.17	-1.70
MAX	1.50	-0.27	2.16	-0.19	---	-1.08	---	-0.61	---	-0.48	1.37	0.34
MIN	0.22	-1.55	-0.06	-2.03	---	-2.89	---	-2.31	---	-2.17	0.00	-2.05

02300542 LITTLE MANATEE RIVER AT I-75 NEAR RUSKIN, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	1.27		-1.77		1.53		-1.50		0.99		-0.79		1.12		-0.82		1.14		-1.32		1.30		-1.15	
2	0.72		-1.32		0.69		-1.15		0.95		-0.99		1.26		-0.88		1.23		-1.29		1.36		-0.90	
3	0.28		-2.08		0.46		-1.45		1.12		-0.79		1.35		-1.03		1.24		-1.28		1.06		-1.01	
4	0.54		-2.01		0.70		-1.18		1.12		-1.10		1.21		-1.20		1.11		-0.28		0.86		-0.92	
5	0.10		-1.68		1.09		-1.06		1.37		-1.13		1.42		-1.16		1.22		-1.46		0.50		-0.96	
6	0.83		-1.23		0.47		-1.59		1.29		-1.08		1.62		---		1.02		-1.29		0.77		-0.95	
7	0.86		-0.97		0.58		-1.56		1.32		---		1.36		-1.01		1.02		-1.28		0.74		-0.94	
8	1.28		-0.97		1.17		-1.24		1.26		-1.24		1.36		-1.20		0.82		-1.19		0.79		-0.95	
9	0.79		-1.30		1.27		-0.41		1.22		-1.20		1.03		-1.20		0.63		-1.04		0.92		-0.99	
10	0.80		-0.93		1.38		-1.32		0.71		-1.21		2.46		---		0.61		-0.94		0.90		-1.22	
11	1.18		-1.59		1.10		-1.32		1.52		-1.10		1.16		0.00		0.69		-0.93		0.82		-1.40	
12	1.42		-1.32		1.18		-1.52		0.98		-0.40		1.06		-0.80		0.78		-1.08		0.98		-1.24	
13	1.23		-0.94		0.88		-1.48		0.66		-0.84		0.62		-0.69		0.96		-1.14		1.62		-1.11	
14	1.21		-1.29		1.15		-1.58		0.67		-0.89		0.82		-0.52		1.11		-1.28		1.79		-0.88	
15	0.13		-1.71		0.62		-1.35		0.53		-0.87		1.00		-0.46		1.14		-1.55		1.62		-0.90	
16	-0.05		-2.26		0.51		-1.37		0.82		-0.64		1.13		-0.81		1.25		-1.36		1.75		-0.71	
17	0.03		-2.31		0.37		-1.43		1.08		-0.82		1.16		-1.08		1.43		-1.26		1.32		-0.72	
18	0.08		-2.01		0.40		-1.36		1.22		-1.00		1.34		-1.10		1.72		-1.14		1.36		-0.70	
19	0.44		-1.68		0.50		-1.21		1.16		-1.29		1.62		-1.21		1.66		-1.02		0.98		-0.86	
20	0.58		-1.38		0.90		-0.90		1.05		-1.52		1.65		-1.13		1.62		-0.42		0.47		-1.56	
21	0.78		-1.02		1.07		-1.10		1.28		-1.37		1.70		---		1.35		-0.93		1.54		-1.67	
22	0.85		-0.96		0.99		-1.36		1.46		---		1.70		-1.12		1.10		-0.85		2.50		-0.58	
23	1.15		-0.58		1.19		-1.42		1.62		-1.42		1.30		-0.98		0.87		-0.83		2.01		-0.60	
24	0.71		-1.35		1.58		---		1.22		-1.20		1.10		-1.10		1.02		-0.83		1.52		-0.87	
25	0.99		-0.68		1.73		-1.21		1.48		-1.44		0.80		-1.09		0.89		-1.26		1.12		-1.02	
26	1.54		-1.46		1.53		-1.44		1.30		-1.17		0.69		-0.90		-0.70		-2.25		1.01		-0.97	
27	1.51		-1.14		1.63		-1.44		0.74		-1.00		0.72		-0.94		1.56		-0.09		0.68		-1.08	
28	0.78		-1.38		1.37		-1.38		0.50		-1.20		0.70		-1.20		1.93		-0.50		1.15		-0.80	
29	1.44		-1.73		0.92		-1.30		0.73		-0.78		0.85		-1.16		1.67		-0.62		1.28		-0.76	
30	1.48		-1.42		0.95		-1.32		0.93		-0.68		0.82		-1.40		1.64		-0.75		1.10		-0.85	
31	---		---		0.76		-1.00		---		---		1.00		-1.32		1.40		-0.96		---		---	
MAX	1.54		-0.58		1.73		---		1.62		---		2.46		---		1.93		-0.09		2.50		-0.58	
MIN	-0.05		-2.31		0.37		---		0.50		---		0.62		---		-0.70		-2.25		0.47		-1.67	

02300542 LITTLE MANATEE AT I-75 NEAR RUSKIN, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 1, 2004 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance, temperature sensors located near the surface and near the bottom.

REMARKS.--Records good. Interruptions in record were due to malfunctions of the recording instruments or probe being out of water.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 45,600 microsiemens, July 17, 2004; bottom sensor maximum, 46,200 microsiemens, July 15, 2004; top sensor minimum, 185 microsiemens, Oct. 1, 2004; bottom sensor minimum, 184 microsiemens, Oct. 1, 2004.

TEMPERATURE.--Top sensor maximum, 33.3° C, June 24, 2004; bottom sensor maximum, 33.4° C, June 24, 2004; top sensor minimum, 12.1° C, Dec. 28, 2004; bottom sensor minimum, 12.2° C, Dec. 28, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 32,200 microsiemens, Sept. 22; bottom sensor maximum, 31,900 microsiemens, Sept. 22; top sensor minimum, 185 microsiemens, Oct. 1; bottom sensor minimum, 184 microsiemens, Oct. 1.

TEMPERATURE.--Top sensor maximum, 32.6° C, Aug. 19, 20; bottom sensor maximum, 32.4° C, Aug. 19; top sensor minimum, 12.1° C, Dec. 28; bottom sensor minimum, 12.2° C, Dec. 28.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	258	185	7,220	583	10,300	874	1,390	409	9,690	1,180	1,350	375
2	299	206	9,420	698	5,840	834	2,620	400	11,600	990	574	309
3	294	226	6,990	656	6,040	699	2,690	426	17,300	1,070	610	366
4	399	255	6,720	714	4,740	758	3,010	471	9,430	1,520	624	422
5	338	266	11,600	950	5,790	534	5,330	512	15,000	510	720	244
6	307	226	2,360	653	6,870	1,060	7,980	550	24,900	1,660	2,100	447
7	358	305	4,020	735	8,590	1,070	11,800	799	26,000	3,020	5,000	411
8	393	349	4,430	722	8,590	1,410	12,500	1,080	26,200	4,470	9,550	530
9	574	370	3,020	584	11,300	1,080	15,300	1,250	27,400	5,610	1,200	455
10	599	371	2,960	535	13,900	1,620	16,000	1,440	26,800	6,790	1,510	474
11	842	366	6,800	604	16,500	2,040	19,800	2,090	11,400	3,110	1,680	474
12	424	354	13,500	1,120	11,500	1,160	23,000	2,960	12,500	3,380	823	447
13	426	332	18,200	1,830	16,500	1,870	22,300	3,880	19,200	3,960	838	440
14	387	321	11,300	1,260	19,400	2,320	22,500	908	17,000	5,300	798	440
15	515	319	5,380	634	4,380	1,760	908	384	16,400	4,140	870	443
16	373	315	12,000	1,140	6,360	1,930	693	400	18,100	3,070	8,070	322
17	509	333	14,900	1,350	10,200	1,560	666	373	17,300	3,190	750	396
18	1,120	349	10,100	1,120	10,500	2,040	653	495	14,700	2,770	557	280
19	2,570	363	10,200	1,200	10,300	2,130	790	427	15,300	1,360	459	229
20	2,920	364	10,400	1,420	8,980	1,110	3,510	471	18,700	3,540	351	235
21	1,410	372	10,200	1,770	11,000	1,500	8,050	488	19,500	4,770	397	253
22	562	385	8,310	1,580	17,800	1,760	9,550	599	20,500	4,890	448	274
23	1,410	407	9,630	1,490	19,600	3,300	12,300	674	19,400	4,400	486	298
24	1,530	428	18,500	1,840	15,800	2,670	4,420	555	20,000	5,920	500	304
25	1,250	438	20,300	1,300	10,100	2,000	8,470	589	18,800	5,030	513	333
26	1,110	438	2,850	872	26,400	1,030	9,900	1,030	15,000	4,620	514	343
27	941	431	11,000	711	1,110	470	12,600	1,160	22,500	4,760	554	361
28	1,940	405	17,000	1,150	637	420	7,750	907	9,150	1,350	577	362
29	4,670	428	3,560	772	736	426	4,780	724	---	---	451	371
30	5,680	486	7,620	725	807	421	11,200	1,540	---	---	821	389
31	6,780	546	---	---	1,230	435	7,880	878	---	---	3,330	402
MONTH	6,780	185	20,300	535	26,400	420	23,000	373	27,400	510	9,550	229

02300542 LITTLE MANATEE AT I-75 NEAR RUSKIN, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	10,200	422	13,800	1,060	17,200	2,500	335	222	534	281	8,560	627
2	3,880	592	2,050	769	10,400	1,120	293	212	1,240	285	7,570	626
3	980	491	1,120	525	5,590	669	374	225	1,970	301	3,160	482
4	2,440	408	1,800	448	1,710	469	300	253	1,460	313	1,600	423
5	2,270	406	3,520	460	978	408	452	287	2,970	336	624	398
6	3,680	426	607	459	605	320	1,530	313	1,780	359	843	414
7	4,100	467	1,010	453	518	278	1,230	341	1,370	376	794	426
8	7,000	479	5,140	471	497	267	1,880	360	511	348	999	425
9	2,430	475	7,250	505	408	242	436	362	443	316	1,110	431
10	2,860	453	9,660	517	310	236	7,270	307	342	258	1,060	453
11	7,370	452	6,980	684	423	252	382	252	336	254	1,320	472
12	13,300	555	8,700	638	359	234	348	203	351	256	5,210	547
13	9,120	910	6,730	754	252	206	343	216	353	269	14,100	1,150
14	10,800	782	12,100	760	273	221	323	217	621	306	15,600	1,670
15	2,850	808	8,440	959	321	227	302	219	1,410	330	15,400	1,970
16	3,020	731	7,150	926	324	230	326	219	4,350	359	17,800	2,770
17	4,030	708	6,390	923	312	219	323	215	4,570	405	13,200	2,890
18	5,630	791	6,070	896	410	266	429	202	8,760	424	13,500	3,120
19	8,700	883	5,260	822	474	260	326	233	8,950	530	9,990	3,150
20	11,100	1,180	6,550	640	516	272	777	257	8,620	571	6,830	2,060
21	10,600	1,700	6,950	554	1,350	289	1,680	277	6,440	564	24,500	1,770
22	10,500	1,440	5,950	555	3,270	323	2,930	294	3,350	564	32,200	6,340
23	13,000	2,090	10,500	633	5,100	317	882	295	2,180	521	25,000	6,520
24	7,540	1,000	19,200	758	496	289	503	305	1,550	444	21,500	5,420
25	11,000	1,050	23,200	1,640	2,480	292	414	299	796	383	18,800	5,380
26	18,400	1,020	21,100	2,190	1,440	290	388	211	505	384	18,600	6,050
27	12,000	1,360	24,700	3,150	383	300	319	211	12,000	470	19,100	6,320
28	4,610	821	22,500	3,880	399	322	405	236	15,300	1,030	21,100	6,240
29	14,600	758	18,000	4,610	393	316	337	261	12,000	892	19,400	3,190
30	16,400	961	18,600	4,790	418	231	315	276	12,100	703	12,500	1,810
31	---	---	16,100	6,040	---	---	357	279	10,900	646	---	---
MONTH	18,400	406	24,700	448	17,200	206	7,270	202	15,300	254	32,200	398
YEAR	32,200	185										

02300542 LITTLE MANATEE AT I-75 NEAR RUSKIN, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	300	184	7,840	571	11,600	1,190	1,490	412	10,900	1,360	1,820	365
2	276	204	11,000	694	10,700	1,090	2,970	406	13,200	1,330	1,010	298
3	300	226	8,780	756	9,370	942	2,890	449	19,100	1,490	533	278
4	395	257	9,740	874	8,470	872	3,700	488	12,200	1,660	556	365
5	397	264	12,900	1,170	8,280	944	7,790	509	17,200	1,240	606	391
6	314	234	2,880	793	8,260	1,870	11,300	584	23,600	2,020	3,330	392
7	369	309	4,120	780	9,210	1,930	13,500	907	25,600	4,760	6,760	397
8	396	350	4,870	754	9,580	1,860	14,500	1,180	26,000	7,160	11,600	522
9	568	369	3,390	618	12,700	1,230	17,200	1,560	28,500	8,310	1,230	462
10	583	369	3,150	581	15,000	2,050	17,600	2,010	27,900	8,630	2,130	470
11	831	367	8,530	639	17,900	2,800	20,700	2,660	12,100	4,680	1,610	462
12	444	353	14,900	1,320	12,300	1,180	25,000	4,020	14,900	5,560	766	432
13	425	333	19,900	2,250	18,100	2,480	23,400	6,020	20,200	7,170	800	419
14	384	319	12,000	1,320	20,700	3,440	25,000	907	19,900	8,850	736	425
15	508	317	8,170	966	5,560	1,650	997	413	18,000	8,230	985	435
16	369	311	14,000	1,170	7,980	1,490	808	401	19,600	6,740	12,300	435
17	498	330	16,700	1,980	13,100	2,850	623	407	21,000	6,920	1,030	370
18	1,110	346	14,200	2,070	14,400	5,060	606	442	18,500	4,630	475	281
19	2,720	359	13,800	3,280	12,800	5,130	1,480	451	17,400	2,990	417	224
20	3,230	362	12,700	3,980	10,300	1,780	4,510	502	19,600	6,620	344	228
21	3,560	368	10,900	3,120	13,700	2,490	9,470	534	21,000	8,090	378	236
22	577	384	9,180	2,310	20,300	2,240	10,800	680	22,300	8,200	347	268
23	1,590	422	10,700	2,130	21,000	6,390	13,900	847	20,400	7,870	464	296
24	1,660	445	18,900	2,500	17,500	4,180	7,740	622	20,600	8,920	418	303
25	1,310	454	21,700	1,820	12,200	2,190	11,000	834	20,100	8,690	403	330
26	1,100	440	3,020	934	26,500	1,010	12,900	1,580	16,700	8,250	413	339
27	925	431	11,400	798	1,140	531	13,700	1,560	24,300	8,370	493	358
28	2,200	416	17,700	1,360	614	382	10,400	965	14,500	1,350	581	361
29	4,990	447	4,870	817	743	433	6,870	821	---	---	447	374
30	5,940	523	8,710	802	805	427	14,300	2,370	---	---	760	405
31	7,490	551	---	---	3,060	435	10,000	1,420	---	---	3,930	416
MONTH	7,490	184	21,700	571	26,500	382	25,000	401	28,500	1,240	12,300	224
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	11,200	439	15,500	1,110	18,100	4,780	299	223	485	284	9,180	611
2	3,870	606	2,360	914	13,100	1,150	242	216	1,210	296	8,320	634
3	985	501	1,140	537	9,560	692	405	226	2,080	304	3,320	469
4	4,840	429	1,860	458	3,200	476	326	256	1,560	327	1,680	405
5	4,880	400	4,480	473	1,830	419	438	293	3,070	355	584	379
6	5,220	418	591	469	600	323	1,670	327	1,900	374	822	393
7	5,080	457	1,050	481	494	282	1,260	349	1,470	393	787	405
8	8,120	477	5,660	482	464	272	2,180	372	500	352	956	406
9	2,850	443	8,150	521	384	245	477	367	402	322	1,170	403
10	3,230	442	11,400	552	331	238	18,100	313	347	264	1,540	419
11	8,900	443	7,780	728	477	255	412	256	294	255	1,920	442
12	14,300	549	10,000	678	305	237	334	206	346	260	6,590	524
13	9,750	971	9,570	775	353	209	295	220	350	274	15,500	1,140
14	12,400	921	14,300	784	394	224	359	220	733	311	17,600	1,870
15	3,330	833	13,100	1,100	325	228	301	221	1,840	332	16,000	2,180
16	5,770	761	11,900	1,030	278	233	308	225	4,840	364	17,800	3,120
17	8,880	736	11,000	1,020	314	221	289	219	5,000	418	13,500	3,020
18	10,900	934	7,660	1,040	405	270	309	204	9,490	431	14,800	3,460
19	12,000	1,450	6,070	858	480	264	328	235	9,740	545	10,400	3,270
20	12,100	2,740	7,020	660	519	276	830	262	9,140	578	7,430	2,080
21	11,500	3,280	7,850	594	1,400	303	1,790	284	7,200	605	26,900	1,750
22	11,200	2,370	6,750	602	4,050	337	3,070	300	4,970	552	31,900	8,860
23	14,400	2,790	11,700	641	6,750	322	955	301	2,260	527	25,300	9,240
24	8,240	1,100	20,900	780	494	294	510	310	1,600	448	21,600	8,130
25	11,900	1,210	24,100	1,740	2,800	300	394	303	803	387	20,800	9,400
26	19,700	1,150	22,500	2,590	1,580	296	331	215	510	386	20,700	10,100
27	14,200	1,440	25,800	3,760	379	305	276	214	13,200	471	21,900	9,780
28	6,070	843	23,800	5,250	404	327	392	240	20,300	1,110	22,500	9,520
29	15,900	781	18,900	6,310	432	322	463	265	12,700	924	21,200	4,950
30	18,900	1,120	19,800	6,580	533	234	341	284	13,100	702	15,400	2,110
31	---	---	17,400	8,770	---	---	403	280	11,800	655	---	---
MONTH	19,700	400	25,800	458	18,100	209	18,100	204	20,300	255	31,900	379
YEAR	31,900	184										

02300542 LITTLE MANATEE AT I-75 NEAR RUSKIN, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	27.7	26.0	26.3	24.8	22.5	21.0	18.2	16.9	19.6	17.5	20.8	19.1
2	28.8	26.1	26.6	25.1	22.7	21.4	19.0	17.4	19.5	17.8	19.4	17.7
3	28.7	26.1	26.9	25.2	22.4	20.5	19.4	18.1	20.3	18.0	18.1	15.4
4	28.9	26.8	27.3	25.3	21.4	19.1	20.2	18.4	19.6	16.6	17.6	14.8
5	28.9	26.6	27.4	24.8	20.6	18.3	21.2	19.1	17.8	15.1	18.1	15.1
6	28.0	24.8	24.8	23.3	21.2	19.0	21.3	18.9	17.9	16.1	19.4	16.1
7	27.0	25.8	24.1	22.6	21.6	19.7	21.6	19.3	18.8	16.9	20.1	17.5
8	26.8	25.4	23.5	21.4	22.3	20.0	22.1	19.8	19.5	17.4	20.2	18.8
9	27.0	25.6	22.9	20.5	22.9	20.4	22.7	20.3	19.7	17.9	19.4	16.7
10	26.8	25.4	22.5	20.0	23.0	21.7	22.7	20.5	20.0	18.5	18.2	15.7
11	26.1	24.3	23.1	20.7	23.0	20.7	22.6	20.6	18.6	16.3	19.2	16.9
12	25.5	23.9	23.4	21.4	21.2	18.5	22.4	20.8	17.8	15.6	19.4	16.7
13	25.7	23.9	23.3	22.1	19.9	17.7	22.7	21.4	17.8	15.5	19.8	17.5
14	25.7	23.9	23.1	21.8	19.9	16.8	22.6	19.4	19.1	16.6	20.6	18.7
15	25.3	23.4	22.5	21.2	17.2	13.9	19.4	18.1	20.2	17.9	21.2	19.7
16	23.8	22.1	22.2	20.9	15.1	12.9	18.2	16.8	21.0	18.1	22.9	20.1
17	24.1	22.2	22.2	20.7	15.4	14.3	16.8	15.4	21.8	18.6	21.8	20.0
18	24.5	22.9	22.4	20.7	16.9	15.0	15.9	13.3	21.1	18.3	21.0	19.0
19	25.2	24.0	22.6	21.0	17.1	15.6	14.9	12.7	20.9	17.3	19.8	17.7
20	26.1	24.8	22.8	21.1	16.7	14.6	14.9	13.2	21.2	18.3	19.6	17.0
21	26.7	25.6	23.0	20.6	16.1	13.3	16.2	13.6	21.8	19.2	18.9	17.5
22	26.6	25.8	23.1	20.6	16.8	14.3	16.8	14.8	23.1	20.5	21.5	18.3
23	26.3	25.0	23.4	20.9	17.6	16.4	16.9	15.5	24.0	21.8	21.3	20.5
24	26.4	24.1	23.7	21.4	17.4	16.5	15.5	13.4	23.7	22.2	22.3	20.4
25	26.6	24.0	23.7	22.2	16.8	15.2	15.5	13.3	23.3	22.5	23.5	21.2
26	25.9	24.0	22.3	20.2	15.9	13.5	17.0	14.3	22.7	21.4	25.1	22.6
27	25.8	23.6	21.7	19.7	14.8	12.6	17.9	15.8	21.9	20.9	25.3	23.3
28	25.4	23.4	21.5	20.2	14.2	12.1	17.4	16.7	22.4	20.4	25.0	22.8
29	25.8	23.8	21.6	19.6	15.1	13.1	18.4	16.6	---	---	24.0	21.8
30	26.0	24.2	22.1	20.0	16.1	14.3	19.6	17.7	---	---	24.3	22.1
31	26.2	24.4	---	---	17.4	15.6	19.8	17.5	---	---	25.4	22.3
MONTH	28.9	22.1	27.4	19.6	23.0	12.1	22.7	12.7	24.0	15.1	25.4	14.8
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.8	22.5	24.7	22.3	29.6	27.4	28.3	26.5	30.2	28.1	30.5	28.5
2	24.4	22.7	25.5	22.3	27.9	25.8	29.1	26.8	30.9	28.5	31.1	28.2
3	22.7	20.4	25.8	23.0	26.8	24.8	29.3	27.2	31.2	28.7	31.0	27.9
4	24.1	19.6	25.0	23.4	25.8	24.5	30.1	27.6	31.7	28.6	30.3	28.0
5	23.8	20.1	24.3	22.5	26.6	24.1	31.0	28.1	31.7	28.8	29.2	27.5
6	23.9	21.2	25.0	22.3	26.9	24.4	31.4	28.7	31.8	28.7	29.4	27.3
7	24.0	21.8	25.4	22.3	27.8	25.0	31.6	28.6	31.1	28.4	29.3	27.8
8	24.4	22.2	26.0	23.4	28.5	25.6	31.7	29.2	29.9	27.8	28.7	27.9
9	25.0	22.0	26.7	23.4	27.6	25.6	29.3	26.0	29.2	27.5	29.7	27.7
10	25.7	22.4	27.1	23.8	25.9	25.0	26.9	25.7	29.1	27.4	30.5	28.4
11	25.5	22.9	27.4	24.0	27.2	24.9	27.2	25.7	30.0	27.7	30.8	29.2
12	25.8	23.0	27.8	23.8	27.3	25.9	28.4	26.2	30.3	29.0	30.3	29.3
13	25.6	23.6	27.1	24.0	29.0	26.1	27.9	26.6	31.0	28.7	30.7	28.9
14	25.4	22.8	27.4	24.1	29.8	26.6	27.9	26.3	30.6	29.3	30.5	28.3
15	23.8	21.4	27.4	24.3	29.6	27.1	28.2	26.3	30.8	29.4	30.9	28.2
16	23.0	20.1	27.6	24.7	29.8	27.5	28.4	26.2	31.7	29.5	30.5	27.9
17	23.0	19.8	28.4	25.1	29.4	27.3	28.8	26.8	32.4	29.2	30.6	27.5
18	24.1	20.4	28.5	25.8	29.9	27.9	28.9	26.9	32.3	29.3	30.5	28.0
19	24.6	21.2	28.4	25.7	30.2	27.8	29.2	27.2	32.6	29.2	30.5	28.3
20	25.1	21.8	28.9	25.3	29.7	27.1	29.9	27.3	32.6	29.0	29.1	27.8
21	25.0	22.2	29.1	25.8	28.9	26.4	30.3	27.3	32.4	29.1	28.7	27.2
22	25.5	22.4	29.4	26.2	28.3	25.9	31.3	27.9	32.0	29.4	28.5	27.4
23	25.5	22.9	29.9	26.8	28.4	25.3	31.2	28.5	31.5	29.4	28.0	27.3
24	24.5	21.8	29.2	27.4	26.8	24.8	31.1	29.0	30.8	29.4	29.2	27.4
25	24.8	21.1	29.7	27.3	28.8	25.3	30.8	28.6	30.0	29.2	29.5	27.7
26	23.5	21.8	28.6	26.9	29.3	26.3	29.2	27.9	29.4	27.8	29.8	28.7
27	24.1	21.1	28.6	26.5	28.6	27.0	30.1	27.8	29.1	28.3	30.0	28.6
28	25.2	21.0	29.5	26.8	30.0	26.7	30.3	28.6	29.2	28.1	29.7	27.6
29	25.7	21.8	30.1	27.4	28.1	27.0	29.4	28.3	30.1	28.6	---	---
30	25.9	22.3	30.9	28.0	27.3	25.9	29.8	27.9	30.5	29.0	---	---
31	---	---	29.7	28.3	---	---	30.1	28.2	30.3	28.8	---	---
MONTH	25.9	19.6	30.9	22.3	30.2	24.1	31.7	25.7	32.6	27.4	---	---

02300542 LITTLE MANATEE AT I-75 NEAR RUSKIN, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	27.4	26.1	26.6	24.9	22.8	21.1	18.3	17.0	19.3	17.9	20.9	19.3
2	28.4	26.1	27.0	25.1	23.2	21.5	19.2	17.6	19.2	17.8	19.5	17.5
3	28.3	26.2	27.2	25.2	23.0	20.6	19.5	18.4	20.1	18.1	18.1	15.4
4	28.2	26.8	27.5	25.4	22.1	19.7	20.2	18.5	19.7	18.1	17.1	14.8
5	28.3	25.6	27.6	24.9	21.1	19.0	20.8	19.1	18.3	15.3	18.1	15.3
6	27.4	24.5	24.9	23.1	21.8	19.2	21.2	19.0	17.7	16.2	19.5	16.1
7	26.9	25.5	24.1	22.7	21.8	19.9	21.4	19.3	18.5	16.7	20.3	17.5
8	26.8	25.0	23.6	21.5	21.9	20.1	22.1	19.8	19.2	17.4	20.5	18.8
9	27.1	25.0	22.9	20.5	23.0	20.4	22.6	20.3	19.7	18.0	19.5	16.8
10	26.8	25.2	22.6	20.0	23.1	21.8	22.9	20.7	20.1	18.6	18.2	15.7
11	26.2	24.3	23.1	20.7	23.1	20.9	22.8	20.8	18.7	15.7	19.3	16.9
12	25.3	23.8	23.6	21.5	21.6	18.4	22.6	20.9	17.6	15.7	19.3	16.8
13	25.7	24.0	23.4	22.2	20.0	17.7	22.8	21.5	17.8	16.5	19.9	17.5
14	25.6	23.9	23.3	21.8	20.0	16.7	22.9	19.5	18.4	16.8	20.5	18.7
15	25.4	23.5	22.8	21.3	17.4	14.0	19.5	18.2	19.5	18.1	21.2	19.7
16	23.8	22.1	22.6	21.0	15.2	13.3	18.3	16.9	20.0	18.6	22.7	20.1
17	23.7	22.3	22.4	20.8	15.5	14.9	16.9	15.4	20.9	19.1	21.9	20.0
18	24.4	22.9	22.6	21.2	16.6	15.5	15.9	13.2	20.8	18.1	20.7	19.0
19	25.3	24.0	22.8	21.8	17.3	16.2	15.1	12.9	20.6	17.4	19.8	17.4
20	26.1	24.9	23.1	21.8	16.8	14.5	15.0	13.2	20.4	18.5	19.3	17.0
21	26.6	25.6	23.1	21.0	15.9	13.7	16.2	13.6	21.3	19.0	19.0	17.5
22	26.6	25.8	23.0	20.9	16.7	14.3	16.9	14.9	22.6	20.2	21.5	18.3
23	26.3	25.1	23.2	21.0	17.4	16.5	17.0	15.7	23.5	21.8	21.3	20.5
24	26.1	24.1	23.8	21.5	17.5	16.8	15.7	13.5	23.7	21.8	22.3	20.4
25	26.4	23.9	23.8	22.4	17.1	15.4	15.6	13.5	23.5	22.4	23.6	21.2
26	25.9	23.9	22.5	20.2	16.0	13.6	16.5	14.4	23.1	21.5	24.9	22.6
27	25.9	23.6	21.8	19.6	14.4	12.6	17.8	15.9	22.2	21.1	25.4	23.3
28	25.4	23.4	21.6	20.3	14.3	12.2	17.7	16.7	22.4	20.5	25.0	22.9
29	25.8	23.8	21.9	19.6	14.9	13.1	18.4	16.7	---	---	24.0	21.8
30	26.1	24.2	22.6	20.0	16.1	14.3	19.3	17.9	---	---	23.9	21.9
31	26.5	24.5	---	---	17.4	15.7	19.5	17.8	---	---	25.1	22.3
MONTH	28.4	22.1	27.6	19.6	23.2	12.2	22.9	12.9	23.7	15.3	25.4	14.8
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.4	22.5	24.8	22.1	29.7	27.5	28.4	26.4	29.9	28.2	30.2	28.5
2	24.4	22.7	24.6	22.4	28.3	25.8	29.0	26.9	30.4	28.5	30.9	28.1
3	22.7	20.4	25.5	23.0	27.0	24.8	29.4	27.3	30.7	28.7	30.7	27.9
4	22.9	19.6	25.0	23.4	25.8	24.5	29.8	27.6	30.8	28.5	30.3	28.0
5	23.4	20.0	24.1	22.5	26.2	24.1	30.6	28.0	31.7	28.8	29.2	27.5
6	23.6	21.2	24.7	22.3	26.6	24.4	31.1	28.7	31.8	28.6	29.4	27.3
7	24.0	21.8	25.2	22.3	27.6	25.0	31.2	28.6	31.2	28.5	29.4	27.8
8	24.4	22.2	25.9	23.4	28.2	25.6	31.5	29.2	29.6	27.7	28.7	27.9
9	24.9	22.0	26.5	23.4	27.3	25.6	29.3	25.8	28.7	27.4	29.4	27.7
10	25.3	22.3	26.8	23.8	25.9	25.0	26.8	25.5	29.2	27.3	30.2	28.5
11	25.4	22.7	27.1	24.0	27.2	25.0	27.3	25.7	29.9	27.8	30.5	29.2
12	25.2	23.1	26.8	23.9	27.1	25.8	28.1	26.2	29.7	29.1	30.2	29.7
13	25.6	23.6	26.7	24.0	28.4	26.1	27.9	26.6	30.4	28.8	30.6	28.9
14	24.8	22.8	26.2	24.1	29.1	26.5	27.9	26.3	30.5	29.4	30.5	28.4
15	23.3	21.4	26.3	24.4	29.1	27.1	28.2	26.3	30.7	29.4	30.4	28.2
16	22.6	20.1	26.5	24.8	29.6	27.5	28.4	26.2	31.4	29.6	30.4	28.4
17	22.5	19.9	27.9	25.2	29.3	27.3	28.8	26.8	31.7	29.0	30.5	27.5
18	22.4	20.5	28.5	25.9	29.6	27.9	28.9	26.9	32.1	29.0	30.5	28.0
19	23.5	21.3	28.1	25.8	29.7	27.8	28.9	27.2	32.4	29.1	30.5	28.4
20	24.7	21.9	28.5	25.3	29.6	27.2	29.7	27.4	32.3	28.8	29.3	27.9
21	25.0	21.8	28.7	25.8	28.8	26.5	30.1	27.3	32.3	29.1	28.8	27.3
22	25.5	22.4	29.0	26.2	28.3	26.0	31.1	27.9	32.1	29.4	28.6	27.7
23	25.3	22.9	29.6	26.7	28.1	25.3	31.2	28.5	31.5	29.5	28.1	27.4
24	24.6	21.7	29.1	27.4	26.8	24.8	31.1	28.9	30.4	29.0	29.8	27.7
25	24.1	21.1	29.3	27.3	28.5	25.3	30.4	28.6	29.9	29.1	29.7	28.7
26	23.4	21.9	28.5	27.0	29.1	26.4	29.2	27.9	29.4	27.9	29.9	29.3
27	23.8	21.4	28.2	26.6	28.1	27.0	30.0	27.8	29.2	28.4	29.7	29.1
28	24.3	21.0	29.3	26.7	28.6	26.8	29.7	28.6	29.3	28.9	29.3	28.4
29	24.7	21.9	29.5	27.4	28.0	27.0	29.3	28.1	29.9	28.9	---	---
30	25.1	22.3	30.4	28.1	27.4	25.7	29.8	27.8	30.4	29.1	---	---
31	---	---	30.0	28.8	---	---	29.5	28.0	30.3	28.8	---	---
MONTH	25.6	19.6	30.4	22.1	29.7	24.1	31.5	25.5	32.4	27.3	---	---

02300546 LITTLE MANATEE RIVER AT RUSKIN, FL.

LOCATION.--Lat 27°41'18", long 82°26'19" (1927 North American datum), in NE$^{1}/_{4}$ sec.19, T.32 S., R.19 E., Hillsborough County, Hydrologic Unit 03100203, on right bank on dock, 2.2 mi south of Ruskin, and 4.8 mi above mouth.

DRAINAGE AREA.--204 mi^2.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1986 to September 1989 (maximum and minimum elevations only), incomplete; October 2003 to current year (tidal high-high and low-low only). Prior to October 2003, published as Little Manatee River near Ruskin.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to 2004 record, datum of gage was 10.00 ft below NGVD of 1929. Prior to Oct. 1, 1987, datum of gage was 6.29 ft below NGVD of 1929.

REMARKS.--Gage records tidal fluctuations in Little Manatee River; elevations affected by flow from Little Manatee River. The stage record published is the maximum and minimum tide event for each calendar day, except on those days when no maximum or minimum tide event occurred. Extremes may have been exceeded during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 8.35 ft Aug. 31, 1985 (affected by storm) at present datum; minimum, 1.93 ft below NGVD of 1929, Dec. 15, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.45 ft, July 10; minimum, 1.93 ft below NGVD of 1929, Dec. 15.

GAGE HEIGHT, FEET
PERIOD AUGUST 2004 TO SEPTEMBER 2004

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.84	-0.16			1.71	-0.02		
2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.36	0.15			1.43	-0.20		
3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.25	0.10			1.49	-0.26		
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.93	0.25			1.31	-0.48		
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.76	0.44			1.28	0.75		
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.00	0.48			4.65	---		
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.72	0.14			2.86	1.74		
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.03	0.40			2.44	1.40		
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.68	0.05			1.98	0.82		
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.66	-0.08			1.81	0.56		
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.88	-0.16			2.08	0.65		
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.37	0.08			2.22	0.58		
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.13	0.14			2.13	0.55		
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.46	---			2.26	0.55		
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.37	0.23			3.49	1.67		
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.26	0.29			2.59	1.08		
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.14	0.39			2.20	0.24		
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.15	0.39			2.03	-0.12		
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.91	0.30			2.14	-0.35		
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.76	0.35			1.72	-0.44		
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.85	0.20			1.42	-1.02		
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.96	0.07			2.02	-0.40		
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.14	0.05			2.11	-0.34		
24	---	---	---	---	---	---	---	---	---	---	---	---	1.53	-0.06			2.21	-0.18			1.99	-0.29		
25	---	---	---	---	---	---	---	---	---	---	---	---	1.63	-0.17			2.00	-0.45			2.23	-0.07		
26	---	---	---	---	---	---	---	---	---	---	---	---	1.78	-0.30			2.27	-0.31			4.35	---		
27	---	---	---	---	---	---	---	---	---	---	---	---	2.08	-0.35			2.31	-0.37			3.14	1.44		
28	---	---	---	---	---	---	---	---	---	---	---	---	2.16	-0.40			2.30	-0.17			2.41	1.00		
29	---	---	---	---	---	---	---	---	---	---	---	---	2.29	-0.33			2.36	-0.03			2.07	0.67		
30	---	---	---	---	---	---	---	---	---	---	---	---	2.47	-0.24			2.22	0.37			2.10	0.41		
31	---	---	---	---	---	---	---	---	---	---	---	---	2.59	---			2.06	-0.04			---	---		
MAX	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.84	---			4.65	---		
MIN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.66	---			1.28	---		

02300546 LITTLE MANATEE RIVER AT RUSKIN, FL.---Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	2.31		0.29		2.35		0.07		1.99		-0.52		1.20		-0.64		1.84		-0.17		1.39		-0.28	
2	2.08		-0.01		2.42		0.15		1.58		-0.54		1.24		-0.45		1.89		-0.31		1.35		-0.22	
3	1.91		-0.21		2.14		-0.08		1.46		-0.71		1.18		-0.49		2.30		-0.53		1.03		-0.85	
4	2.08		0.00		1.91		0.02		1.20		-0.53		1.34		-0.34		1.34		-0.56		1.52		-1.03	
5	1.82		-0.21		2.42		-0.30		1.08		-0.67		1.66		-0.50		1.85		-1.07		1.41		-1.06	
6	1.59		-0.29		---		-0.53		1.44		-0.05		1.85		-0.70		---		-0.90		1.68		-0.98	
7	---		-0.57		1.16		-0.08		1.78		-0.19		1.91		-0.73		2.58		-0.41		1.04		-0.80	
8	1.60		-0.15		1.57		-0.02		1.56		-0.23		---		-0.81		---		---		2.36		0.34	
9	2.07		0.25		1.36		-0.30		1.08		-0.61		2.00		-0.96		---		---		1.49		-0.77	
10	2.14		0.45		1.10		-0.58		2.10		-0.24		1.95		-0.88		---		---		1.44		-0.65	
11	2.40		0.58		1.83		-0.17		2.32		-0.17		2.11		-0.70		---		---		1.72		-0.15	
12	2.16		0.55		2.52		0.18		1.58		-1.22		2.36		-0.46		---		---		1.31		-0.40	
13	2.21		0.59		2.97		0.25		1.93		-0.88		2.31		-0.14		---		---		1.60		-0.01	
14	2.07		0.15		2.37		-0.63		2.12		-0.82		2.60		0.24		---		---		1.41		-0.32	
15	2.38		0.73		1.51		-1.02		0.28		-1.93		0.62		-0.70		---		---		1.44		-0.70	
16	2.03		-0.25		1.92		-0.71		0.28		-1.33		0.47		-0.62		---		---		2.28		-0.77	
17	2.13		-0.31		2.07		-0.45		1.01		-0.81		0.69		-0.96		---		---		1.70		-0.13	
18	2.25		-0.24		1.76		-0.36		1.09		-0.48		0.74		-1.11		---		---		1.01		-0.22	
19	2.48		-0.15		1.71		-0.13		1.24		-0.37		1.56		-1.16		---		---		0.79		-0.63	
20	2.34		-0.19		1.78		0.23		0.58		-0.90		1.95		-0.90		---		---		1.51		-0.65	
21	1.94		-0.48		1.56		0.29		1.42		-0.85		2.20		-0.36		1.11		-0.62		1.23		-0.45	
22	1.40		-0.51		1.74		0.16		2.11		-0.80		---		-0.34		1.78		-0.55		1.79		-0.14	
23	1.79		-0.14		2.00		0.18		1.43		-0.18		2.47		-0.13		1.69		-0.53		1.84		-0.10	
24	1.97		0.25		2.31		0.36		1.90		-0.61		0.63		-1.31		1.84		-0.25		1.79		-0.13	
25	1.92		0.34		3.11		0.80		1.19		-1.13		1.68		-0.72		1.74		-0.30		1.54		-0.11	
26	1.86		0.03		1.80		-0.67		3.30		-0.59		2.02		-0.21		1.32		-0.42		1.67		-0.16	
27	1.71		-0.18		1.81		-0.45		0.39		-1.39		2.11		-0.28		2.49		-0.04		2.00		0.12	
28	1.92		-0.16		2.87		-0.23		0.64		-1.37		1.77		-0.48		2.04		0.28		2.15		1.33	
29	2.18		-0.06		1.58		-0.75		1.21		-0.93		1.28		-0.47		---		---		1.62		-0.03	
30	2.28		0.01		1.79		-0.65		1.42		-0.87		2.01		0.43		---		---		1.80		-0.60	
31	2.34		0.05		---		---		1.61		-0.59		1.59		0.02		---		---		2.15		-0.70	
MAX	---		0.73		---		0.80		3.30		-0.05		---		0.43		---		---		2.36		1.33	
MIN	---		-0.57		---		-1.02		0.28		-1.93		---		-1.31		---		---		0.79		-1.06	
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	2.24		-0.77		2.47		-0.50		1.95		0.22		2.05		0.10		2.10		-0.34		2.25		-0.15	
2	1.66		-0.30		1.67		-0.17		1.89		0.00		2.20		0.05		2.18		-0.31		2.31		0.10	
3	1.25		-1.10		1.42		-0.45		2.08		0.21		2.29		-0.08		2.19		-0.29		2.01		-0.02	
4	1.50		-1.02		1.67		-0.17		2.07		-0.15		2.16		-0.23		2.06		-0.45		1.81		0.07	
5	1.04		-0.67		2.08		-0.05		2.32		-0.20		2.36		-0.17		2.16		-0.29		1.45		0.03	
6	1.80		-0.21		1.42		-0.59		2.24		-0.15		2.59		-0.01		1.96		0.33		1.74		0.05	
7	1.84		0.05		1.54		-0.56		2.27		---		2.34		---		1.98		-0.28		1.70		0.05	
8	2.25		0.04		2.15		-0.22		2.22		-0.30		2.26		-0.20		1.78		0.21		1.75		0.04	
9	1.75		-0.30		2.25		0.61		2.18		-0.26		2.04		-0.22		1.58		-0.05		1.88		0.01	
10	1.77		0.08		2.34		-0.31		1.69		-0.27		3.45		---		1.54		0.05		1.87		-0.22	
11	2.16		-0.58		2.06		-0.31		2.48		-0.15		2.08		0.95		1.65		0.05		1.78		-0.40	
12	2.40		-0.31		2.14		-0.51		1.94		0.48		1.97		0.10		1.74		-0.09		1.95		-0.24	
13	2.18		0.08		1.85		-0.47		1.63		0.04		1.57		0.23		1.92		-0.14		2.55		-0.10	
14	2.15		-0.27		2.09		-0.57		1.60		0.02		1.78		0.40		2.07		-0.29		2.72		0.13	
15	1.08		-0.71		1.85		-0.34		1.49		0.08		1.94		0.39		2.09		-0.56		2.56		0.11	
16	0.93		-1.26		1.46		-0.34		1.77		0.34		2.07		0.11		2.20		-0.36		2.71		0.31	
17	1.00		-1.30		1.32		-0.41		2.02		0.17		2.10		-0.16		2.38		-0.27		2.29		0.31	
18	1.03		-1.00		1.34		-0.34		2.17		-0.01		2.28		-0.17		2.68		-0.14		2.33		0.32	
19	1.41		-0.66		1.47		-0.19		2.11		-0.31		2.57		-0.25		2.63		-0.02		1.92		0.16	
20	1.53		-0.35		1.86		0.11		2.01		-0.53		2.62		-0.16		2.59		0.07		1.41		-0.57	
21	1.74		0.01		2.02		-0.09		2.27		-0.39		2.67		-0.14		2.34		0.23		2.47		-0.65	
22	1.80		0.06		1.95		-0.35		2.45		---		2.67		---		2.08		0.16		3.42		0.42	
23	2.15		0.46		2.15		-0.41		2.63		-0.43		2.28		0.01		1.84		0.19		2.95		0.41	
24	1.67		-0.34		2.52		-0.20		2.16		-0.26		2.06		-0.11		1.97		0.16		2.45		0.14	
25	1.94		-0.43		2.67		---		2.44		-0.47		1.76		-0.09		1.85		-0.29		2.06		-0.01	
26	2.50		0.48		2.48		-0.43		2.27		-0.19		1.65		0.10		0.26		-1.27		1.94		0.03	
27	2.45		-0.14		2.57		-0.43		1.72		-0.01		1.68		0.03		2.51		0.92		1.62		-0.07	
28	1.74		-0.39		2.31		-0.36		1.46		-0.19		1.67		-0.21		2.86		0.50		2.07		0.20	
29	2.39		-0.73		1.87		-0.29		1.70		0.22		1.80		-0.21		2.62		0.39		2.21		0.24	
30	2.44		-0.41		1.90		-0.30		1.87		0.25		1.78		-0.43		2.58		0.26		2.03		0.16	
31	---		---		1.71		0.04		---		---		1.95		-0.34		2.34		0.04		---		---	
MAX	2.50		0.48		2.67		---		2.63		---		3.45		---		2.86		0.92		3.42		0.42	
MIN	0.93		-1.30		1.32		---		1.46		---		1.57		---		0.26		-1.27		1.41		-0.65	

02300546 LITTLE MANATEE RIVER AT RUSKIN, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1983 to September 1991 (incomplete); July 2004 to current year.

INSTRUMENTATION.--Water-quality monitor; July 2004 to current year, water-quality monitor consisting of top and bottom specific conductance and temperature sensors.

REMARKS.--Specific conductance records good, temperature records good.

EXTREMES FOR PERIOD OF RECORD.--Prior to July 2004; Sensor depth comparable to current bottom sensor.

SPECIFIC CONDUCTANCE.--Maximum, 50,100 microsiemens, May 19, 1991; minimum, 100 microsiemens, Sept. 8-12, 1988, Sept. 7, 26-29, 1989, July 15, 16, 18, Aug. 1-4, 1991, June 27, 1992.

TEMPERATURE.--Maximum, 35.0° C, July 10, 11, 1989; minimum, 10.0° C, Dec. 25, 1989.

EXTREMES FOR PERIOD OF RECORD.--July 2004 to current year; Top and bottom sensors.

SPECIFIC CONDUCTANCE.--Top sensor maximum, 37,100 microsiemens, May 27, 2005; bottom sensor maximum, 37,200 microsiemens, May 27, 2005; top sensor minimum, 131 microsiemens, Sept. 8, 9, 2004; bottom sensor minimum, 132 microsiemens, Sept. 8, 2004.

TEMPERATURE.--Top sensor maximum, 33.1° C, Aug. 21, 2005; bottom sensor maximum, 33.0° C, Aug. 21, 2005; top sensor minimum, 13.4° C, Jan. 25, 2005; bottom sensor minimum, 12.4° C, Dec. 27, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 37,100 microsiemens, May 27; bottom sensor maximum, 37,200 microsiemens, May 27; top sensor minimum, 261 microsiemens, July 18; bottom sensor minimum, 243 microsiemens, July 18.

TEMPERATURE.--Top sensor maximum, 33.1° C, Aug. 21; bottom sensor maximum, 33.0° C, Aug. 21; top sensor minimum, 13.4° C, Jan. 25; bottom sensor minimum, 12.4° C, Dec. 27.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
PERIOD JULY 2004 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	---	---	---	---	31,500	903	5,550	497
2	---	---	---	---	---	---	---	---	21,100	975	3,420	501
3	---	---	---	---	---	---	---	---	12,000	695	2,820	502
4	---	---	---	---	---	---	---	---	3,580	458	1,860	453
5	---	---	---	---	---	---	---	---	871	428	2,160	458
6	---	---	---	---	---	---	---	---	1,700	456	11,500	204
7	---	---	---	---	---	---	---	---	1,030	422	208	139
8	---	---	---	---	---	---	---	---	490	298	171	131
9	---	---	---	---	---	---	---	---	356	250	199	131
10	---	---	---	---	---	---	---	---	378	205	192	151
11	---	---	---	---	---	---	---	---	382	261	232	158
12	---	---	---	---	---	---	---	---	6,230	372	289	216
13	---	---	---	---	---	---	---	---	2,500	364	326	263
14	---	---	---	---	---	---	---	---	1,140	340	450	256
15	---	---	---	---	---	---	---	---	398	245	16,700	283
16	---	---	---	---	---	---	---	---	273	191	2,610	282
17	---	---	---	---	---	---	---	---	256	188	3,600	289
18	---	---	---	---	---	---	---	---	291	203	2,190	316
19	---	---	---	---	---	---	---	---	364	207	4,290	345
20	---	---	---	---	---	---	---	---	292	212	2,620	368
21	---	---	---	---	---	---	---	---	289	203	1,630	395
22	---	---	---	---	---	---	843	485	472	235	13,500	650
23	---	---	---	---	---	---	2,710	644	532	203	14,400	633
24	---	---	---	---	---	---	3,580	696	299	187	13,400	671
25	---	---	---	---	---	---	5,950	814	360	220	16,400	662
26	---	---	---	---	---	---	10,100	754	4,260	255	26,100	747
27	---	---	---	---	---	---	8,250	525	7,260	267	9,650	492
28	---	---	---	---	---	---	16,300	653	15,200	295	492	251
29	---	---	---	---	---	---	17,700	540	15,200	432	379	194
30	---	---	---	---	---	---	26,100	648	14,100	550	391	214
31	---	---	---	---	---	---	30,000	660	14,900	565	---	---
MONTH	---	---	---	---	---	---	---	---	31,500	187	26,100	131

02300546 LITTLE MANATEE RIVER AT RUSKIN, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
PERIOD JULY 2004 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	---	---	---	---	32,100	933	5,940	503
2	---	---	---	---	---	---	---	---	21,900	1,010	3,520	484
3	---	---	---	---	---	---	---	---	13,100	713	3,020	457
4	---	---	---	---	---	---	---	---	3,700	470	1,870	452
5	---	---	---	---	---	---	---	---	930	431	2,230	461
6	---	---	---	---	---	---	---	---	1,940	467	12,300	249
7	---	---	---	---	---	---	---	---	1,210	426	263	148
8	---	---	---	---	---	---	---	---	515	304	200	132
9	---	---	---	---	---	---	---	---	363	253	241	136
10	---	---	---	---	---	---	---	---	404	209	247	151
11	---	---	---	---	---	---	---	---	390	260	278	163
12	---	---	---	---	---	---	---	---	7,190	379	334	217
13	---	---	---	---	---	---	---	---	2,590	367	367	266
14	---	---	---	---	---	---	---	---	1,230	341	450	276
15	---	---	---	---	---	---	---	---	378	251	17,500	285
16	---	---	---	---	---	---	---	---	273	192	3,360	284
17	---	---	---	---	---	---	---	---	325	191	3,860	289
18	---	---	---	---	---	---	---	---	295	198	2,290	313
19	---	---	---	---	---	---	---	---	323	210	4,400	348
20	---	---	---	---	---	---	---	---	284	212	2,800	366
21	---	---	---	---	---	---	---	---	349	207	1,710	394
22	---	---	---	---	---	---	1,040	493	462	236	14,700	664
23	---	---	---	---	---	---	2,880	638	529	206	15,100	664
24	---	---	---	---	---	---	3,860	733	293	188	14,000	693
25	---	---	---	---	---	---	6,770	865	353	222	16,600	671
26	---	---	---	---	---	---	10,600	771	5,260	256	26,300	730
27	---	---	---	---	---	---	10,700	537	7,670	273	10,600	555
28	---	---	---	---	---	---	17,600	656	15,400	303	574	249
29	---	---	---	---	---	---	19,900	554	15,100	439	442	193
30	---	---	---	---	---	---	26,700	662	14,500	567	512	214
31	---	---	---	---	---	---	30,800	688	15,400	568	---	---
MONTH	---	---	---	---	---	---	---	---	32,100	188	26,300	132

02300546 LITTLE MANATEE RIVER AT RUSKIN, FL.—Continued

TEMPERATURE, (TOP WATER, DEGREES CELSIUS
PERIOD JULY 2004 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	---	---	---	---	30.3	28.9	31.3	29.0
2	---	---	---	---	---	---	---	---	29.5	27.9	30.7	28.7
3	---	---	---	---	---	---	---	---	29.3	27.3	31.2	28.6
4	---	---	---	---	---	---	---	---	28.2	26.8	30.7	28.6
5	---	---	---	---	---	---	---	---	29.2	26.7	28.6	26.1
6	---	---	---	---	---	---	---	---	30.6	28.1	26.2	25.1
7	---	---	---	---	---	---	---	---	29.7	28.5	26.5	25.1
8	---	---	---	---	---	---	---	---	28.5	27.2	26.3	25.8
9	---	---	---	---	---	---	---	---	27.8	26.6	27.0	25.9
10	---	---	---	---	---	---	---	---	28.6	26.0	27.6	25.7
11	---	---	---	---	---	---	---	---	29.2	26.8	27.8	26.0
12	---	---	---	---	---	---	---	---	30.2	27.8	28.5	26.5
13	---	---	---	---	---	---	---	---	28.8	26.7	28.8	26.9
14	---	---	---	---	---	---	---	---	27.8	25.9	27.9	27.0
15	---	---	---	---	---	---	---	---	28.0	25.2	27.9	26.7
16	---	---	---	---	---	---	---	---	28.6	25.3	28.5	26.9
17	---	---	---	---	---	---	---	---	28.0	25.8	29.7	27.5
18	---	---	---	---	---	---	---	---	29.2	25.9	31.0	28.3
19	---	---	---	---	---	---	---	---	30.4	26.6	30.4	28.7
20	---	---	---	---	---	---	---	---	29.7	27.2	29.2	27.6
21	---	---	---	---	---	---	---	---	29.4	27.4	27.7	26.3
22	---	---	---	---	---	---	29.2	26.3	30.0	27.7	27.2	25.9
23	---	---	---	---	---	---	30.5	27.5	28.3	27.5	27.8	26.1
24	---	---	---	---	---	---	30.7	28.3	27.6	27.1	28.3	26.4
25	---	---	---	---	---	---	31.8	28.9	28.6	26.8	27.6	26.2
26	---	---	---	---	---	---	31.3	29.4	29.1	27.6	26.6	24.8
27	---	---	---	---	---	---	30.9	27.6	30.4	27.6	26.4	24.4
28	---	---	---	---	---	---	30.9	27.3	31.1	28.2	27.6	24.9
29	---	---	---	---	---	---	30.2	27.3	31.6	28.8	28.0	25.6
30	---	---	---	---	---	---	31.0	27.3	31.0	29.1	29.1	25.9
31	---	---	---	---	---	---	31.8	27.9	31.7	29.0	---	---

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
PERIOD JULY 2004 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	---	---	---	---	30.1	28.8	30.7	28.8
2	---	---	---	---	---	---	---	---	29.3	27.7	30.5	28.5
3	---	---	---	---	---	---	---	---	29.0	27.1	30.4	28.5
4	---	---	---	---	---	---	---	---	28.0	26.6	29.6	28.4
5	---	---	---	---	---	---	---	---	28.9	26.5	28.4	25.9
6	---	---	---	---	---	---	---	---	29.8	27.9	26.0	25.0
7	---	---	---	---	---	---	---	---	29.1	28.3	26.4	24.9
8	---	---	---	---	---	---	---	---	28.3	27.1	26.2	25.6
9	---	---	---	---	---	---	---	---	27.6	26.4	26.9	25.7
10	---	---	---	---	---	---	---	---	28.4	25.9	27.5	25.6
11	---	---	---	---	---	---	---	---	29.1	26.6	27.7	25.9
12	---	---	---	---	---	---	---	---	29.4	27.6	28.4	26.3
13	---	---	---	---	---	---	---	---	28.6	26.4	28.4	26.7
14	---	---	---	---	---	---	---	---	27.0	25.7	27.8	26.9
15	---	---	---	---	---	---	---	---	26.8	25.0	27.7	26.6
16	---	---	---	---	---	---	---	---	27.6	25.2	28.2	26.7
17	---	---	---	---	---	---	---	---	27.9	25.6	29.6	27.4
18	---	---	---	---	---	---	---	---	28.8	25.8	30.1	28.2
19	---	---	---	---	---	---	---	---	29.1	26.5	29.8	28.5
20	---	---	---	---	---	---	---	---	28.5	27.0	29.0	27.4
21	---	---	---	---	---	---	---	---	29.0	27.2	27.6	26.1
22	---	---	---	---	---	---	28.4	26.1	28.7	27.4	27.0	25.7
23	---	---	---	---	---	---	29.3	27.2	28.2	27.2	27.8	26.0
24	---	---	---	---	---	---	30.2	28.1	27.4	26.9	28.0	26.5
25	---	---	---	---	---	---	30.9	28.7	28.5	26.6	27.3	26.4
26	---	---	---	---	---	---	30.6	29.2	28.9	27.4	26.5	24.7
27	---	---	---	---	---	---	29.9	27.4	29.7	27.4	26.1	24.3
28	---	---	---	---	---	---	29.6	27.1	30.4	27.9	26.7	24.8
29	---	---	---	---	---	---	29.4	27.1	31.1	28.6	27.5	25.4
30	---	---	---	---	---	---	30.2	27.4	30.4	29.0	28.0	25.8
31	---	---	---	---	---	---	30.7	28.3	31.5	28.8	---	---
MONTH	---	---	---	---	---	---	---	---	31.5	25.0	30.7	24.3

02300546 LITTLE MANATEE RIVER AT RUSKIN, FL.---Continued.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	735	269	21,500	2,020	26,100	4,320	11,800	1,240	25,200	5,610	12,000	1,150
2	883	302	23,300	2,450	20,300	5,100	13,500	1,820	26,200	4,710	7,750	639
3	721	315	21,200	2,650	18,600	4,900	14,100	2,010	33,000	4,070	4,590	604
4	2,220	356	18,500	3,450	18,000	5,780	15,300	2,320	25,900	4,900	9,680	447
5	1,530	354	25,000	3,140	16,800	5,070	20,600	2,160	30,300	1,930	10,600	268
6	581	314	12,100	2,850	18,500	6,890	22,900	2,100	36,000	5,930	16,600	560
7	1,080	354	14,900	4,020	23,400	7,040	25,900	2,900	36,300	9,940	24,800	973
8	3,460	461	17,200	4,280	23,600	5,960	28,300	3,400	35,600	13,200	30,800	2,950
9	11,900	572	13,600	2,700	27,400	4,380	30,300	4,190	36,100	13,900	13,600	892
10	9,520	559	16,700	2,050	29,500	6,170	30,400	5,170	---	---	14,400	933
11	15,100	508	22,100	3,420	30,200	8,110	32,200	7,280	---	---	19,100	737
12	4,600	429	27,600	4,920	---	---	36,900	9,460	---	---	9,530	724
13	5,620	417	31,000	6,290	30,400	6,620	36,200	11,700	---	---	13,500	728
14	3,290	393	25,500	3,700	32,800	7,570	35,200	2,410	---	---	10,100	703
15	9,070	414	19,200	3,180	---	---	3,150	812	31,400	13,000	13,700	672
16	3,470	391	27,900	4,370	---	---	1,170	376	31,100	13,800	31,300	709
17	8,150	435	27,700	5,980	25,700	7,150	3,760	430	33,100	13,600	6,920	536
18	13,600	523	23,500	6,400	23,300	9,260	---	---	31,400	14,800	536	421
19	19,600	796	23,000	7,680	23,100	8,720	---	---	28,000	14,500	446	330
20	16,900	802	20,800	9,730	20,700	6,110	21,900	507	32,500	13,700	381	296
21	12,900	1,050	20,600	8,580	24,900	6,730	24,000	1,120	33,300	13,000	699	279
22	7,270	721	22,100	8,150	32,500	7,200	24,900	1,500	31,400	13,800	1,960	328
23	12,200	760	24,400	7,430	32,500	10,900	29,800	2,540	31,100	13,600	2,830	373
24	16,100	989	30,900	7,780	26,900	9,420	---	---	33,100	14,800	1,500	378
25	13,600	1,190	31,900	5,460	23,400	4,160	24,500	2,980	31,400	14,500	1,280	400
26	12,500	725	15,700	2,420	34,100	2,030	28,200	5,220	28,000	12,900	2,900	411
27	12,700	672	29,700	2,920	---	---	27,300	4,810	36,100	12,900	11,900	458
28	14,100	831	32,500	4,040	---	---	23,000	3,740	23,500	6,600	15,000	466
29	18,800	1,360	16,900	3,370	9,470	811	19,600	3,840	---	---	6,140	458
30	20,100	1,660	20,800	3,640	13,300	692	28,900	7,600	---	---	12,100	464
31	20,600	1,710	---	---	16,400	1,320	20,600	5,250	---	---	26,900	626
MONTH	20,600	269	32,500	2,020	---	---	---	---	---	---	31,300	268
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	29,600	896	27,300	2,720	28,000	9,880	380	301	12,300	391	21,800	1,840
2	17,800	2,050	14,600	1,920	21,200	3,820	471	285	14,600	474	25,700	2,020
3	12,500	410	9,810	1,160	18,200	2,540	1,050	286	15,300	525	19,700	1,420
4	14,900	1,010	13,200	1,430	14,600	1,160	1,460	320	14,100	524	15,700	1,070
5	16,600	1,500	22,100	1,090	15,900	695	14,200	348	20,100	524	10,300	735
6	20,600	2,160	9,040	763	10,800	712	22,400	364	16,700	626	14,600	824
7	20,300	2,760	12,200	802	9,180	518	17,700	478	17,300	643	14,300	835
8	24,700	2,120	25,400	881	10,800	603	20,000	510	9,950	557	12,900	810
9	15,500	1,400	25,000	1,480	8,760	439	6,440	515	5,380	442	14,500	744
10	17,800	1,070	26,100	1,510	1,940	370	25,500	536	3,310	412	14,500	834
11	28,700	1,040	22,400	2,200	5,670	382	1,090	417	2,620	336	16,300	1,460
12	30,400	1,850	26,800	2,170	486	335	589	332	3,180	344	19,100	2,410
13	24,500	4,170	22,700	2,300	435	265	578	280	8,160	321	26,700	4,150
14	24,600	2,880	28,200	2,690	493	282	514	291	11,900	459	29,400	5,890
15	15,700	2,170	22,500	3,860	602	307	371	283	14,000	536	28,100	6,630
16	---	---	19,400	4,320	883	322	381	276	18,900	904	30,800	8,790
17	---	---	18,100	4,560	915	325	381	274	19,000	685	28,700	8,240
18	19,500	3,530	18,900	5,200	3,400	349	895	261	23,200	857	29,500	8,700
19	20,100	5,430	18,900	4,900	4,100	350	17,600	308	24,800	1,480	26,700	8,500
20	22,100	7,810	23,300	4,180	8,050	373	22,700	343	24,500	1,700	19,400	6,400
21	24,600	8,530	23,600	2,800	22,700	409	22,700	383	21,900	1,880	33,400	6,620
22	26,000	8,200	23,200	2,310	24,900	547	19,800	504	17,900	1,910	34,900	13,700
23	28,900	9,460	27,900	3,030	28,000	542	12,300	462	14,500	1,650	35,400	14,600
24	21,700	5,050	33,700	3,100	12,400	495	9,770	453	13,700	917	32,100	12,200
25	26,600	4,620	34,900	6,100	19,900	493	4,730	491	11,000	725	28,500	11,900
26	34,400	4,570	35,500	6,370	16,400	533	1,650	337	---	---	30,000	11,000
27	29,300	5,030	37,100	8,060	6,220	553	1,260	288	27,900	4,350	29,100	12,500
28	18,700	2,470	34,200	9,720	4,990	474	1,300	293	25,700	4,000	29,800	15,400
29	31,600	1,900	30,500	11,300	4,910	438	1,050	328	24,600	3,180	---	---
30	32,300	2,950	30,900	12,000	739	339	1,140	346	23,700	2,660	---	---
31	---	---	27,100	14,400	---	---	4,980	338	20,500	2,260	---	---
MONTH	---	---	37,100	763	28,000	265	25,500	261	---	---	---	---

02300546 LITTLE MANATEE RIVER AT RUSKIN, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	749	270	21,900	2,190	26,100	3,930	12,900	1,360	25,200	6,190	12,200	1,670
2	888	300	24,400	2,850	20,500	5,390	14,900	2,460	25,800	5,410	7,920	646
3	722	310	22,000	3,860	18,800	4,830	14,600	2,400	32,300	4,700	5,160	612
4	2,330	356	18,800	4,610	18,700	6,490	16,400	2,890	28,700	7,220	10,100	472
5	1,640	354	25,200	3,630	17,100	4,740	22,000	2,470	29,900	5,140	11,800	519
6	576	309	12,900	3,280	18,600	7,490	24,300	2,540	35,000	6,670	17,500	579
7	1,040	352	15,200	4,610	23,100	6,560	27,200	3,320	35,200	10,900	25,000	1,020
8	3,980	472	17,500	4,320	23,400	6,210	27,800	4,050	34,800	14,100	31,200	3,440
9	13,900	591	13,700	2,640	27,700	4,540	29,900	4,590	35,800	14,900	14,100	1,100
10	11,100	567	17,000	1,940	29,700	6,470	29,700	6,020	---	---	14,500	1,170
11	15,600	516	22,200	3,420	30,600	9,050	31,300	7,770	---	---	19,700	762
12	5,800	444	27,700	4,900	25,600	4,390	36,000	9,400	---	---	9,460	766
13	5,860	420	31,300	6,570	31,000	8,490	35,200	11,600	---	---	13,900	740
14	3,410	394	25,500	3,630	33,600	9,840	34,900	4,640	---	---	10,400	712
15	9,310	417	19,300	3,460	18,400	4,410	12,100	1,080	31,300	13,900	14,500	675
16	3,480	393	27,900	4,640	21,000	5,710	1,320	518	30,900	14,900	31,300	699
17	8,110	413	27,600	7,080	26,300	11,400	3,800	549	32,900	15,200	9,610	526
18	13,800	519	23,500	8,320	23,900	11,700	3,320	579	31,500	15,600	800	413
19	19,800	794	23,000	9,240	23,700	11,500	14,800	568	28,300	15,900	438	325
20	17,500	823	20,800	10,900	21,500	7,890	22,500	668	32,500	14,800	468	293
21	13,100	1,160	20,600	9,490	25,300	7,600	24,100	1,410	33,000	13,900	753	275
22	9,580	748	20,300	8,280	32,800	8,230	24,800	1,860	31,400	15,000	2,050	321
23	12,100	770	24,400	7,820	32,900	12,800	29,300	4,590	31,000	15,200	3,030	368
24	16,300	1,040	31,100	7,720	27,300	10,700	20,400	1,430	32,900	15,600	1,510	372
25	14,300	1,220	32,000	7,910	23,600	7,100	24,500	3,540	31,500	15,900	1,540	393
26	13,100	745	16,200	1,960	34,300	2,290	28,100	5,600	28,300	14,800	3,160	404
27	12,900	660	29,800	2,310	5,940	1,430	27,100	5,920	36,800	13,700	13,000	450
28	14,300	788	32,700	4,620	6,920	782	22,900	4,420	25,500	11,100	15,300	460
29	19,100	1,510	16,800	2,860	9,400	753	19,600	3,920	---	---	6,220	452
30	20,500	1,800	21,200	2,970	13,400	632	28,700	9,770	---	---	12,800	457
31	20,900	2,190	---	---	19,000	1,310	20,500	9,250	---	---	27,200	618
MONTH	20,900	270	32,700	1,940	34,300	632	36,000	518	---	---	31,300	275
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	29,500	884	27,600	2,710	28,100	13,200	364	283	14,300	377	20,900	1,870
2	17,800	2,110	17,200	2,780	21,600	6,150	491	269	15,800	454	24,700	2,090
3	12,400	911	12,000	1,200	19,200	3,460	1,110	276	15,900	515	19,200	1,320
4	15,100	1,060	13,000	1,410	15,500	1,230	1,900	312	14,800	512	15,900	1,000
5	16,600	1,590	22,400	1,060	17,200	767	14,900	342	20,600	512	9,720	646
6	21,000	2,420	9,020	648	11,700	794	22,900	359	17,300	628	13,900	706
7	20,700	2,750	12,700	690	9,870	617	19,100	487	17,800	634	13,500	715
8	24,800	2,270	25,400	759	12,700	716	21,200	502	11,300	542	12,700	694
9	16,000	1,420	25,100	1,410	9,890	553	6,390	498	5,530	421	14,700	655
10	18,200	1,060	26,200	1,600	2,090	484	26,300	527	3,560	370	14,600	689
11	28,700	1,030	23,000	2,230	16,800	507	1,670	404	2,740	309	15,500	1,820
12	30,400	2,080	27,800	2,100	623	462	860	316	3,320	335	17,900	2,530
13	24,500	5,220	23,700	2,330	581	402	560	266	8,830	306	25,400	3,930
14	24,300	3,330	28,300	2,790	587	422	506	276	13,100	452	27,100	6,400
15	16,200	2,300	22,900	4,130	1,050	449	351	267	14,300	540	25,900	6,860
16	16,900	1,860	21,500	7,060	1,060	466	365	260	19,400	896	28,400	8,320
17	21,000	2,440	19,300	7,600	1,120	487	367	258	19,300	690	26,400	8,300
18	22,100	3,850	19,300	5,850	3,670	514	668	243	24,600	846	27,300	9,040
19	22,700	8,150	20,200	5,080	4,740	521	19,300	291	25,900	1,490	24,400	8,850
20	23,000	9,700	24,700	5,770	9,390	549	23,900	326	25,300	1,730	18,500	6,270
21	25,300	9,770	24,800	2,900	23,100	588	23,600	374	23,100	1,930	33,500	6,030
22	26,500	9,400	23,600	2,210	25,200	542	21,700	513	19,400	2,160	33,800	14,700
23	29,500	11,800	28,800	3,090	28,400	542	12,900	463	15,200	2,210	33,500	14,200
24	21,600	5,480	33,800	3,090	13,800	491	10,400	434	14,900	822	30,000	12,900
25	27,500	5,760	35,000	6,430	20,400	489	5,160	476	11,000	634	28,000	15,300
26	34,400	4,900	35,700	7,290	17,500	547	1,800	316	5,620	408	28,900	16,500
27	29,300	5,350	37,200	10,000	6,740	551	1,250	257	26,600	4,530	29,200	16,200
28	19,300	2,680	34,500	11,600	5,110	467	1,310	275	25,100	5,560	29,300	16,600
29	31,800	2,000	30,500	13,300	5,380	431	1,280	305	24,600	4,470	---	---
30	32,600	3,290	31,000	13,100	831	333	1,070	324	23,100	3,840	---	---
31	---	---	27,300	15,600	---	---	9,340	324	20,000	2,980	---	---
MONTH	34,400	884	37,200	648	28,400	333	26,300	243	26,600	306	---	---

02300546 LITTLE MANATEE RIVER AT RUSKIN, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	28.2	26.5	27.4	26.0	23.6	22.0	19.1	17.3	20.5	16.9	21.9	19.6
2	28.8	26.8	27.7	26.0	23.6	22.1	20.1	17.6	19.8	18.1	20.7	18.3
3	29.1	27.2	28.1	25.8	23.0	20.9	20.3	18.1	20.1	18.4	18.6	16.4
4	30.1	27.7	28.2	25.6	21.8	19.5	21.4	18.7	19.8	17.6	18.2	15.3
5	29.2	27.8	27.8	25.6	21.3	18.6	21.8	19.4	18.2	15.6	18.8	16.2
6	28.3	26.6	25.8	22.8	22.3	19.9	22.4	19.8	17.5	16.2	20.3	17.1
7	27.4	26.6	25.7	22.5	22.6	20.7	21.8	20.1	18.6	16.7	21.0	18.4
8	27.3	26.0	24.7	22.5	23.6	21.0	22.3	20.5	19.5	17.6	21.2	19.2
9	27.7	26.0	23.6	22.2	23.6	21.3	23.0	21.0	20.2	18.5	20.3	17.1
10	27.0	26.4	23.7	21.6	23.4	22.4	23.4	21.5	---	---	19.3	16.7
11	26.6	25.1	23.2	21.9	23.3	20.7	23.4	21.8	---	---	19.9	17.5
12	26.8	24.5	23.7	22.3	---	---	23.0	21.5	---	---	20.3	17.9
13	26.8	24.7	23.6	22.7	20.6	18.3	23.1	21.7	---	---	20.9	18.4
14	26.7	24.7	23.7	22.5	20.2	17.0	22.7	20.1	---	---	21.7	19.3
15	26.4	24.2	23.6	21.7	---	---	20.1	18.5	21.6	19.4	21.8	20.2
16	25.1	23.3	22.9	21.4	---	---	18.6	17.3	22.8	20.7	23.1	20.6
17	25.4	23.4	22.9	20.8	15.8	14.3	19.6	16.0	23.8	22.1	22.3	20.5
18	26.0	24.1	23.3	21.1	17.5	15.2	---	---	23.7	22.6	21.6	19.6
19	27.0	25.2	23.4	21.8	17.6	15.3	---	---	23.5	22.0	20.8	18.0
20	27.4	26.2	23.7	21.6	16.6	14.8	15.3	13.7	22.4	19.7	21.3	17.2
21	27.9	27.0	24.5	22.0	16.5	13.9	16.7	14.1	21.6	19.2	19.3	17.9
22	28.1	26.4	24.3	22.1	16.8	14.7	17.4	15.3	22.8	20.6	22.2	18.7
23	27.5	25.5	23.9	22.3	17.9	16.5	17.7	15.5	23.8	22.0	21.4	20.8
24	27.4	25.2	24.1	22.5	17.7	16.4	---	---	23.7	22.6	22.4	20.5
25	27.4	25.4	23.9	22.3	17.0	15.6	15.8	13.4	23.5	22.5	24.3	21.6
26	26.9	25.2	23.0	20.5	15.7	13.5	16.9	14.6	22.9	21.6	25.7	23.2
27	26.5	24.7	22.2	20.2	---	---	18.3	16.3	22.0	21.2	25.6	24.0
28	26.2	24.8	22.7	21.0	---	---	18.3	17.2	23.2	20.7	25.1	23.3
29	26.7	25.0	22.5	20.1	16.4	13.9	18.7	17.1	---	---	24.2	22.2
30	27.2	25.5	23.0	20.8	17.4	15.0	19.6	17.8	---	---	24.6	22.1
31	27.4	25.9	---	---	18.3	16.4	20.7	17.6	---	---	26.5	23.4
MONTH	30.1	23.3	28.2	20.1	---	---	---	---	---	---	26.5	15.3
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.6	23.5	24.8	23.3	29.5	28.1	29.1	26.9	32.2	29.3	30.8	28.9
2	25.3	22.9	27.8	22.8	28.3	26.7	29.9	27.7	32.7	29.5	31.6	29.1
3	23.3	21.0	27.3	23.9	27.7	26.0	30.2	28.3	32.0	29.5	31.5	29.3
4	25.4	20.7	25.7	24.4	27.1	25.2	31.2	28.8	32.8	29.6	31.3	29.3
5	24.9	21.6	24.9	23.4	28.2	25.1	32.5	29.2	32.2	29.7	30.1	28.7
6	24.8	22.7	26.2	23.1	29.0	25.9	32.4	29.8	32.4	29.7	30.1	28.2
7	24.2	23.0	26.3	22.9	29.4	26.3	32.6	29.8	32.1	29.9	30.1	28.5
8	25.4	22.9	26.6	23.5	29.7	26.8	32.3	29.9	31.0	29.2	29.7	28.4
9	25.3	22.6	26.8	24.0	29.0	27.0	30.2	26.7	30.9	28.9	30.5	28.2
10	25.4	22.8	26.7	24.7	27.0	25.5	27.5	26.3	31.0	28.8	31.2	28.7
11	25.5	22.2	28.0	24.6	28.1	25.4	28.2	26.1	31.7	28.9	31.5	29.0
12	25.2	23.5	27.2	25.2	28.3	26.4	28.8	26.4	31.4	29.7	32.0	29.9
13	25.4	24.0	28.1	25.1	28.8	26.5	28.4	27.0	31.9	29.8	31.5	29.5
14	25.1	23.5	26.8	25.0	30.9	27.0	28.9	26.8	32.6	30.4	30.9	28.9
15	24.8	22.1	27.8	25.2	30.7	27.8	28.7	26.9	32.1	30.5	30.9	28.7
16	---	---	30.0	25.3	31.3	28.7	29.0	26.5	32.9	30.3	30.3	28.7
17	---	---	29.9	25.6	31.0	28.8	29.3	27.4	32.6	30.2	30.4	28.9
18	24.1	20.5	29.5	26.4	31.4	29.0	30.0	28.1	32.4	30.4	30.5	28.8
19	24.2	21.6	29.1	26.7	31.5	28.9	30.2	28.3	32.9	30.4	30.5	29.0
20	25.4	22.3	29.7	26.3	30.8	28.5	30.9	28.5	33.0	30.2	29.9	28.6
21	25.6	22.5	30.1	27.0	29.5	27.6	31.5	28.3	33.1	30.5	29.1	27.8
22	26.0	23.1	30.1	27.3	28.8	26.7	31.9	29.2	32.8	30.6	28.1	27.5
23	25.3	23.6	29.9	27.0	28.9	26.1	32.0	29.5	32.8	30.6	28.3	27.4
24	24.9	22.7	29.0	27.7	28.2	25.7	32.1	29.9	32.2	30.6	29.4	27.7
25	24.2	21.0	29.4	27.7	29.2	26.0	32.0	29.8	31.6	30.3	30.3	28.2
26	23.2	21.6	28.4	27.1	30.1	27.1	30.9	29.2	30.3	28.9	30.9	28.3
27	23.8	21.9	28.4	27.0	29.4	27.9	30.7	28.9	29.8	28.5	30.5	28.4
28	24.8	21.6	29.3	27.2	30.4	27.6	31.3	29.6	30.1	28.1	29.8	28.0
29	24.9	22.5	31.1	27.8	29.3	28.1	30.7	29.5	30.3	28.6	30.2	27.6
30	26.2	23.2	32.6	28.2	28.4	27.0	31.0	28.8	31.0	29.5	30.0	27.6
31	---	---	30.5	28.9	---	---	31.6	29.1	30.6	29.5	---	---
MONTH	---	---	32.6	22.8	31.5	25.1	32.6	26.1	33.1	28.1	32.0	27.4

02300546 LITTLE MANATEE RIVER AT RUSKIN, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	27.9	26.3	27.3	25.9	23.5	22.2	18.9	17.5	19.1	17.9	21.7	19.6
2	28.2	26.7	27.6	26.3	23.4	22.7	19.8	18.4	19.0	18.1	20.1	18.2
3	28.7	27.0	27.8	26.6	23.0	21.8	20.1	18.8	19.9	18.4	18.5	16.3
4	29.1	27.5	28.0	26.9	22.0	20.5	20.7	18.6	19.6	17.7	17.8	15.0
5	28.7	27.6	27.7	25.5	21.1	20.1	20.4	19.3	18.0	15.7	18.7	16.1
6	28.1	26.2	25.7	24.5	21.6	19.9	21.5	19.6	17.3	16.2	19.7	16.9
7	27.0	26.3	24.6	23.5	22.0	20.6	21.4	20.0	18.2	16.6	20.8	18.2
8	27.0	25.7	24.0	22.5	22.4	20.9	22.1	20.4	19.3	17.5	20.7	19.3
9	27.2	26.3	23.3	22.1	23.1	21.2	22.8	21.0	20.0	18.3	20.1	17.6
10	26.8	26.2	23.0	21.5	23.2	22.3	23.2	21.5	---	---	18.7	16.4
11	26.4	24.9	23.0	21.8	23.1	20.8	23.2	21.8	---	---	19.7	17.6
12	26.4	24.3	23.5	22.1	21.2	19.0	22.9	21.4	---	---	20.1	18.0
13	26.7	24.5	23.5	22.6	20.4	18.4	23.0	21.5	---	---	20.7	18.4
14	26.5	24.5	23.5	22.5	20.0	18.5	22.7	20.2	---	---	21.5	19.1
15	26.2	24.0	23.2	22.1	18.7	15.0	20.8	18.4	21.1	19.5	21.8	20.0
16	24.9	23.1	22.8	21.7	15.9	13.8	18.4	17.2	22.6	20.8	22.4	20.5
17	25.1	23.2	22.7	21.4	15.5	14.6	17.2	15.8	23.6	22.1	22.2	20.3
18	25.9	24.0	22.9	21.8	16.8	15.2	15.8	14.1	23.5	22.7	20.5	19.4
19	26.8	25.0	23.0	22.2	17.2	15.9	15.0	13.1	23.2	22.3	19.5	17.8
20	27.3	26.2	23.2	22.1	16.6	14.9	15.1	13.6	22.3	19.6	19.2	17.1
21	27.8	26.9	23.5	22.1	15.1	13.9	16.6	14.0	21.1	19.5	18.9	17.7
22	27.7	26.4	23.5	22.1	16.6	14.8	17.2	15.1	22.6	20.8	21.2	18.5
23	26.9	25.7	23.5	22.2	17.5	16.3	17.2	16.1	23.6	22.1	21.3	20.7
24	26.5	25.0	23.8	22.5	17.5	16.8	16.6	13.6	23.5	22.7	21.9	20.4
25	26.6	25.2	23.7	22.7	16.8	15.4	15.3	13.7	23.3	22.8	23.9	21.5
26	26.3	25.1	22.9	20.7	15.4	13.4	16.8	14.6	22.9	21.9	25.3	23.0
27	26.2	24.6	21.9	20.4	14.3	12.4	18.0	16.2	22.1	21.0	25.3	23.8
28	26.1	24.5	22.5	20.9	14.9	13.0	18.1	17.3	22.8	21.2	24.9	23.2
29	26.6	24.7	22.4	20.8	15.8	13.7	18.5	17.1	---	---	24.0	22.0
30	27.1	25.2	22.9	21.2	17.2	14.9	19.4	18.1	---	---	24.1	21.5
31	27.2	25.5	---	---	18.1	16.5	19.3	18.3	---	---	24.6	23.2
MONTH	29.1	23.1	28.0	20.4	23.5	12.4	23.2	13.1	---	---	25.3	15.0
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.4	23.2	24.9	23.1	29.3	28.2	29.0	26.7	30.9	29.1	30.5	29.2
2	25.1	23.2	25.4	22.8	28.2	27.0	29.4	27.5	31.4	29.3	31.5	29.4
3	23.5	20.8	25.8	23.8	27.6	26.2	29.6	28.1	31.2	29.6	31.1	29.2
4	23.1	20.6	25.8	24.2	27.0	25.0	30.6	28.6	31.7	29.4	30.7	29.2
5	23.9	21.4	24.4	23.3	27.1	25.0	31.4	29.0	32.0	29.6	30.0	28.5
6	24.2	22.6	25.1	23.0	28.1	25.8	31.7	29.5	32.3	29.7	30.0	28.0
7	24.1	22.8	25.7	22.9	29.0	26.1	31.9	29.6	31.9	29.7	29.9	28.4
8	24.8	23.0	25.6	23.8	29.1	26.7	32.1	29.7	30.9	29.0	29.6	28.5
9	24.8	23.0	26.1	24.5	29.1	26.8	30.1	26.5	30.8	28.7	30.1	28.3
10	25.1	23.2	26.5	24.9	26.8	25.4	27.1	26.2	30.8	28.6	30.6	29.0
11	24.8	23.1	26.9	25.1	27.0	25.2	27.7	26.0	31.0	28.7	31.1	30.1
12	24.8	23.6	26.6	24.9	27.2	26.2	28.1	26.3	30.7	29.5	31.3	30.1
13	25.2	23.9	26.7	25.0	28.5	26.2	28.0	26.8	31.4	29.6	31.1	29.7
14	24.9	23.4	26.4	24.8	28.9	26.8	28.5	26.6	32.4	30.0	30.4	29.2
15	24.1	21.8	27.2	25.0	29.1	27.6	28.5	26.7	31.4	30.3	30.2	28.9
16	22.5	20.3	27.8	25.5	29.7	28.4	28.8	26.3	32.0	30.6	30.1	29.0
17	22.4	19.9	28.0	25.9	30.4	28.6	29.1	27.2	32.2	30.3	30.2	28.8
18	22.3	20.4	28.5	26.5	30.8	28.8	29.4	27.9	32.1	30.4	30.3	29.0
19	23.3	21.7	28.4	26.6	31.1	28.7	29.7	28.1	32.8	30.3	30.4	29.1
20	24.1	22.4	28.6	26.8	30.6	28.3	30.4	28.3	32.8	30.3	29.7	28.4
21	24.6	22.9	28.9	27.6	29.2	27.4	30.5	28.2	33.0	30.5	28.9	27.9
22	25.2	23.5	29.2	27.8	28.6	26.6	31.6	29.1	32.7	30.8	27.9	27.6
23	25.0	24.0	29.3	28.0	28.8	25.9	31.8	29.3	32.5	30.7	28.2	27.2
24	24.7	22.7	28.7	27.8	27.8	25.5	32.0	29.7	32.1	30.5	29.2	27.6
25	23.4	21.9	29.0	27.5	28.9	25.8	31.8	29.6	31.5	30.1	29.6	28.2
26	23.2	21.9	28.4	27.4	29.7	26.9	30.8	29.0	30.1	28.9	29.9	28.6
27	23.4	22.0	28.3	26.8	29.3	27.6	30.4	28.6	29.7	28.4	29.7	28.6
28	24.3	21.7	29.2	27.2	29.3	27.4	30.2	29.4	29.6	28.3	29.2	28.4
29	24.4	22.2	30.6	27.9	28.9	27.8	30.0	29.2	30.0	28.9	29.1	28.1
30	25.1	23.1	31.1	28.4	28.2	26.9	30.4	28.6	30.4	29.6	29.3	28.4
31	---	---	30.4	28.8	---	---	30.4	28.8	30.4	29.5	---	---
MONTH	25.4	19.9	31.1	22.8	31.1	25.0	32.1	26.0	33.0	28.3	31.5	27.2

02300554 LITTLE MANATEE RIVER AT SHELL POINT NEAR RUSKIN, FL.

LOCATION.--Lat 27° 43'55", long 82° 28'55" (1927 North American datum), in NW$^{1}/_{4}$ sec.11, T.32 S., R.18 E., Hillsborough County, Hydrologic Unit 03100206 (corrected), on right bank on dock at Shell Point Marina, 0.2 mi above mouth, and 2.8 mi west of intersection U. S. Highway 41 and Shell Point Road in Ruskin.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1987 to September 1989 (maximum and minimum elevations only), incomplete; October 2003 to current year (tidal high-high and low-low only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Gage records tidal fluctuations in Little Manatee River; elevations affected by flow from Little Manatee River. The stage record published is the maximum and minimum tide event for each calendar day, except on those days when no maximum or minimum tide event occurred. Extremes may have been exceeded during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 4.64 ft Sept. 6, 2004; minimum, 2.42 ft below NGVD, May 8, 1988.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 4.15 ft Dec. 26; minimum, 2.22 ft below NGVD, Dec. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.62	-0.87
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.70	-0.70
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.47	-0.82
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.52	-1.08
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

02300554 LITTLE MANATEE RIVER AT SHELL POINT NEAR RUSKIN, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	1.41		-0.52		1.64		-0.28		2.48		-0.44		2.57		-0.83		3.11		-0.24		1.82		-0.22	
2	1.81		-0.70		2.17		0.18		2.64		-0.61		2.69		-0.94		2.50		-0.29		1.52		-0.43	
3	1.05		-0.55		2.17		-0.46		2.70		-0.97		2.72		-0.86		2.40		-0.19		1.53		-0.44	
4	1.56		-0.28		1.42		-0.96		2.72		-0.85		2.66		-0.66		2.08		0.14		1.32		-0.67	
5	1.56		-0.50		1.86		-1.05		2.90		-0.68		2.56		-0.57		1.76		0.26		1.20		0.39	
6	1.74		-0.59		2.26		-1.00		2.55		---		2.07		0.49		2.04		0.20		4.64		1.79	
7	2.33		-0.30		2.40		-0.97		2.48		-0.61		1.76		-0.53		1.74		-0.03		2.65		0.45	
8	2.77		-0.28		2.54		---		2.08		-0.50		1.46		-0.06		2.03		-0.17		2.10		-0.21	
9	2.63		1.18		2.43		-0.76		1.84		-0.40		1.38		0.11		1.68		-0.52		1.62		-0.30	
10	---		---		2.12		-0.73		1.60		-0.07		1.53		-0.29		1.69		-0.67		1.67		-0.63	
11	---		---		1.68		-0.57		1.65		0.35		1.80		-0.35		1.92		-0.53		2.00		-0.57	
12	2.73		-1.29		1.93		-0.43		1.77		-0.01		1.75		-0.61		2.50		-0.06		2.19		-0.23	
13	1.95		-0.23		1.74		-0.04		1.84		-0.25		2.05		-0.36		1.70		-0.55		2.16		-0.07	
14	0.82		-1.07		1.64		0.07		2.13		-0.39		2.12		-0.51		2.56		-0.54		2.37		0.16	
15	0.92		-1.27		2.02		0.29		2.26		-0.47		2.28		-0.64		2.37		-0.64		3.76		1.03	
16	0.67		-0.98		1.95		-0.05		2.16		-0.72		2.32		-0.60		2.22		-0.63		2.72		0.52	
17	0.96		-0.74		2.35		0.02		2.24		-0.83		2.60		-0.43		2.11		-0.43		2.32		-0.01	
18	1.13		-0.87		2.61		0.05		2.29		-0.71		2.83		-0.20		2.15		-0.34		2.12		-0.53	
19	1.52		-0.84		3.04		0.39		2.38		-0.60		2.69		-0.06		1.92		-0.08		2.22		-0.76	
20	1.59		-0.74		1.33		-0.64		2.37		-0.57		2.02		-0.33		1.79		0.02		1.76		-0.73	
21	2.09		-0.56		2.09		-0.75		2.37		-0.35		1.81		-0.44		1.90		-0.16		1.43		-1.34	
22	1.96		-0.79		2.42		-0.51		2.16		1.14		1.53		-0.48		2.06		-0.27		2.08		-0.52	
23	1.71		-1.00		2.27		---		1.90		-0.47		1.58		0.27		2.23		-0.42		2.26		-0.52	
24	1.83		---		2.08		-0.56		1.51		-0.32		1.64		-0.24		2.28		-0.62		2.12		-0.55	
25	1.95		-0.84		1.74		-0.61		1.52		-0.13		1.79		-0.31		2.07		-0.89		2.37		-0.26	
26	1.77		-0.59		1.55		-0.72		1.50		0.02		1.91		-0.56		2.37		-0.75		4.31		0.76	
27	1.34		-0.28		1.25		-0.50		1.82		-0.25		2.15		-0.74		2.44		-0.77		3.12		0.76	
28	0.77		-0.92		1.49		-0.21		1.84		-0.56		2.24		-0.88		2.42		-0.60		2.34		0.23	
29	1.16		-0.79		1.47		-0.08		2.23		-0.67		---		---		2.55		-0.38		2.04		-0.16	
30	1.53		-0.57		1.99		-0.02		2.32		-0.79		---		---		2.46		-0.34		2.12		-0.28	
31	---		---		2.16		-0.33		---		---		2.80		-0.60		2.22		-0.23		---		---	
MAX	---		---		3.04		---		2.90		---		---		---		3.11		0.26		4.64		1.79	
MIN	---		---		1.25		---		1.50		---		---		---		1.68		-0.89		1.20		-1.34	

02300554 LITTLE MANATEE RIVER AT SHELL POINT NEAR RUSKIN, FL.---Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	2.39		-0.28		2.51		-0.10		2.07		-0.70		1.22		-0.79		1.98		-0.17		1.40		-0.39	
2	2.21		-0.40		2.55		0.09		1.63		-0.65		1.38		-0.46		1.97		-0.26		1.34		-0.43	
3	2.02		-0.54		2.22		-0.14		1.48		-0.84		1.31		-0.47		2.39		-0.55		1.05		-1.01	
4	2.17		-0.21		1.99		0.08		1.25		-0.61		1.43		-0.30		1.37		-0.70		1.51		-1.15	
5	1.88		-0.29		2.47		-0.38		1.20		-0.68		1.71		-0.54		1.92		-1.18		1.46		-1.33	
6	1.63		-0.37		1.03		-0.56		1.53		-0.03		1.94		-0.86		2.69		-1.13		1.73		-1.23	
7	1.23		-0.67		1.69		-0.12		1.95		-0.24		2.01		-0.96		---		-0.80		1.06		-1.07	
8	1.66		-0.20		1.48		-0.11		1.68		-0.39		2.12		-1.10		2.82		-0.33		2.48		0.13	
9	2.23		0.12		1.38		-0.39		2.27		-0.88		---		-1.35		3.01		-0.23		1.56		-1.08	
10	2.31		0.30		1.28		-0.76		2.47		-0.48		2.08		-1.29		3.05		0.17		1.56		-0.99	
11	2.59		0.26		1.95		-0.38		1.62		-0.50		2.28		-1.09		1.49		-0.79		1.87		-0.30	
12	2.29		0.40		2.74		-0.14		---		-1.62		2.58		-0.78		1.37		-0.36		1.33		-0.57	
13	2.35		0.37		3.21		-0.26		2.10		-1.28		2.50		-0.39		2.20		0.29		1.69		-0.48	
14	2.21		-0.16		2.55		-0.98		2.36		-1.27		2.66		-0.30		2.05		0.90		1.51		-0.89	
15	2.60		0.55		1.55		-1.32		0.32		-2.22		0.60		-0.98		1.85		0.12		1.50		0.20	
16	2.23		-0.60		1.99		-0.98		0.43		-1.52		0.46		-0.78		1.97		-0.32		2.44		-0.85	
17	2.31		-0.68		2.14		-0.66		1.04		-0.91		0.76		-1.08		1.84		-0.21		1.77		-0.30	
18	2.42		-0.56		1.85		-0.45		1.17		-0.56		0.80		-1.18		1.37		-0.94		0.98		-0.58	
19	2.60		-0.38		1.79		-0.18		1.28		-0.42		1.58		-1.37		1.38		-1.24		0.76		-1.08	
20	2.43		-0.32		1.89		0.21		0.69		-0.87		2.03		-1.08		1.78		-1.04		1.55		-1.10	
21	2.01		-0.65		1.86		0.33		1.48		-0.87		2.27		-0.47		1.19		-0.78		1.85		-0.70	
22	1.44		-0.63		2.15		0.08		2.22		-0.96		2.59		-0.54		1.85		-0.75		1.93		-0.38	
23	1.92		-0.34		2.48		0.02		1.99		-0.34		---		-0.21		1.80		-0.71		1.89		-0.31	
24	2.18		0.25		3.27		0.14		1.26		-0.92		0.66		-1.53		1.99		-0.36		1.88		-0.43	
25	2.08		0.23		1.50		0.64		---		-1.36		1.72		-0.96		1.84		-0.47		1.65		-0.27	
26	2.06		-0.16		1.84		-0.98		4.15		-0.92		2.18		-0.37		1.41		-0.54		1.81		-0.39	
27	1.87		-0.38		1.89		-0.69		0.37		-1.77		2.26		-0.52		2.68		-0.05		2.16		-0.10	
28	2.08		-0.43		3.04		-0.54		0.63		-1.74		1.89		-0.61		2.14		0.28		2.18		-0.30	
29	2.39		-0.37		1.63		-0.96		1.24		-1.23		1.39		-0.50		---		---		1.71		-0.86	
30	2.47		-0.31		1.87		-0.81		1.45		-1.14		2.14		0.38		---		---		1.90		0.66	
31	2.50		-0.20		---		---		1.69		-0.77		1.69		0.08		---		---		2.24		-0.93	
MAX	2.60		0.55		3.27		0.64		---		-0.03		---		0.38		---		0.90		2.48		0.66	
MIN	1.23		-0.68		1.03		-1.32		---		-2.22		---		-1.53		---		-1.24		0.76		-1.33	
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	2.36		-0.92		2.54		---		1.81		0.29		2.05		-0.31		2.15		-0.57		2.35		-0.42	
2	1.73		-0.52		1.69		-0.36		1.98		-0.11		2.22		-0.38		2.24		-0.53		2.44		-0.20	
3	1.25		-1.32		1.49		-0.61		2.25		-0.07		2.34		-0.53		2.29		-0.58		2.13		-0.23	
4	1.55		-1.18		1.84		-0.19		2.23		-0.45		2.26		-0.64		2.19		-0.68		1.93		-0.05	
5	1.93		-0.91		2.29		-0.11		2.38		-0.67		2.49		-0.54		2.27		-0.61		1.65		0.02	
6	1.57		-0.39		1.46		-0.79		2.30		-0.56		2.72		-0.37		2.11		-0.61		1.88		0.00	
7	2.01		-0.03		1.64		-0.78		2.32		-0.85		2.48		-0.46		2.22		-0.54		1.82		0.00	
8	2.40		-0.19		2.33		-0.51		2.31		-0.68		2.42		-0.57		1.86		-0.21		1.83		-0.04	
9	1.84		-0.56		2.42		-0.56		2.36		-0.61		2.28		0.39		1.61		-0.10		1.92		-0.10	
10	1.92		-0.86		2.46		-0.57		1.82		-0.39		3.61		0.58		1.62		0.03		1.94		-0.33	
11	2.34		-0.45		2.17		-0.79		2.52		2.05		2.10		-0.44		1.69		-0.04		1.84		-0.47	
12	2.58		0.01		2.27		-0.65		2.03		0.07		2.03		-0.12		1.82		-0.18		2.00		-0.35	
13	2.24		1.24		1.97		---		1.67		-0.37		1.56		0.55		2.01		-0.26		2.59		-0.28	
14	2.17		-0.37		2.13		-0.68		1.60		-0.26		1.77		0.12		2.14		-0.36		2.80		-0.08	
15	1.13		-0.83		1.91		-0.42		1.51		-0.11		1.96		-0.03		2.14		-0.76		2.69		-0.13	
16	1.01		-1.42		1.51		-0.37		1.78		0.22		2.09		-0.20		2.30		-0.67		2.90		0.04	
17	1.05		-1.38		1.39		-0.38		2.09		-0.01		2.14		-0.68		2.53		---		2.50		0.11	
18	1.09		-1.04		1.46		-0.32		2.27		-0.28		2.34		-0.69		---		---		2.50		0.24	
19	1.47		-0.71		1.60		-0.20		2.21		-0.69		2.69		-0.74		---		---		2.10		0.05	
20	1.64		-0.39		2.01		0.09		2.18		-0.91		2.80		-0.71		---		---		1.48		-0.75	
21	1.85		-0.02		2.17		-0.29		2.41		-0.85		2.82		-0.60		---		---		0.75		-0.65	
22	1.94		0.08		2.12		-0.62		2.64		-0.97		2.84		-0.45		---		---		3.60		0.28	
23	2.30		0.46		2.33		-0.75		2.78		-0.83		2.42		-0.56		---		---		3.12		0.29	
24	1.69		-0.55		2.66		-0.54		2.33		-0.90		2.19		-0.49		---		-0.03		2.51		0.14	
25	2.07		-0.68		2.78		-0.81		2.55		---		1.84		-0.08		1.95		-0.43		2.11		0.07	
26	2.79		0.62		2.69		-0.78		2.36		-0.58		1.67		0.07		0.28		-1.35		1.99		0.06	
27	2.57		-0.76		2.69		---		1.81		-0.26		1.69		-0.19		2.64		0.88		1.94		-0.02	
28	1.83		0.12		2.39		-0.65		1.67		-0.23		1.69		-0.45		2.94		0.49		2.20		0.09	
29	2.47		-0.93		1.93		-0.51		1.79		0.13		1.84		-0.50		2.72		0.35		2.29		0.16	
30	2.52		-0.55		1.98		-0.39		1.88		-0.07		1.84		-0.75		2.63		0.21		2.15		-0.04	
31	---		---		2.20		0.05		---		---		2.04		-0.62		2.38		-0.13		---		---	
MAX	2.79		1.24		2.78		---		2.78		---		3.61		0.58		---		---		3.60		0.29	
MIN	1.01		-1.42		1.39		---		1.51		---		1.56		-0.75		---		---		0.75		-0.75	

02300554 LITTLE MANATEE RIVER AT SHELL POINT NEAR RUSKIN, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 2004 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of top and bottom specific conductance and temperature sensors.

REMARKS.--Records good. Interruptions in record were due to malfunctions of the recording instruments or probes being out of water .

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 45,600 microsiemens, July 17, 2004; bottom sensor maximum, 46,200 microsiemens, July 15, 2004; top sensor minimum, 147 microsiemens, Sept. 8, 2004; bottom sensor minimum, 775 microsiemens, Sept. 8, 2004.

TEMPERATURE.--Top sensor maximum, 33.9° C, Aug. 11, 2005; bottom sensor maximum, 33.7° C, Aug. 13, 24, 2005; top sensor minimum, 11.6° C, Jan. 25, 2005; bottom sensor minimum, 11.6° C, Jan. 25, 2005.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 43,500 microsiemens, May 25, 28; bottom sensor maximum, 43,800 microsiemens, Feb. 3; top sensor minimum, 1,420 microsiemens, Oct. 1; bottom sensor minimum, 1,720 microsiemens, Oct. 1.

TEMPERATURE.--Top sensor maximum, 33.9° C, Aug. 11; bottom sensor maximum, 33.7° C, Aug. 13, 24; top sensor minimum, 11.6° C, Jan. 25; bottom sensor minimum, 11.6° C Jan. 25.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	39,300	17,300
28	---	---	---	---	---	---	---	---	---	---	39,800	18,900
29	---	---	---	---	---	---	---	---	---	---	39,500	18,000
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02300554 LITTLE MANATEE RIVER AT SHELL POINT NEAR RUSKIN, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	42,600	27,000	37,400	28,400	41,900	35,600	43,800	25,300	40,700	19,000	30,300	12,000
2	41,400	25,600	37,300	29,800	41,900	35,600	43,800	28,100	39,800	19,700	30,700	10,200
3	41,400	27,300	36,700	25,900	---	---	43,300	28,000	39,100	17,400	30,400	9,450
4	39,600	29,100	34,200	21,000	41,500	33,700	43,400	29,400	35,100	12,200	30,300	7,270
5	39,500	29,200	36,300	20,600	41,500	34,000	43,600	30,000	31,800	6,520	28,800	12,500
6	39,700	27,800	36,100	21,000	41,700	35,700	43,800	30,200	34,500	5,150	27,400	2,140
7	39,600	27,800	36,100	20,600	40,700	35,500	43,000	29,200	32,100	5,470	24,200	800
8	40,400	28,300	36,400	23,600	40,300	35,400	42,400	28,200	39,100	1,760	11,400	246
9	39,900	28,300	37,500	24,600	40,500	35,400	42,700	29,500	37,000	1,890	9,400	147
10	39,800	27,000	37,600	25,700	40,200	35,000	42,800	27,300	35,700	1,900	17,700	750
11	40,500	26,100	42,700	26,400	40,100	36,000	43,800	28,300	34,800	2,230	27,600	790
12	39,200	30,100	42,800	31,200	40,100	33,100	43,600	26,600	36,700	4,790	29,100	790
13	40,300	25,300	42,500	33,700	40,300	32,400	44,500	29,300	39,000	5,470	30,600	890
14	---	---	42,900	34,200	40,200	29,800	44,200	28,900	35,700	2,940	32,000	2,930
15	---	---	42,700	34,700	40,000	24,200	45,000	28,800	35,400	1,970	33,100	9,310
16	---	---	42,200	32,700	39,900	22,100	45,300	28,000	34,700	1,520	33,200	7,390
17	39,200	23,100	42,400	31,600	39,600	15,400	45,600	28,400	30,800	1,490	31,000	4,960
18	38,800	12,600	42,300	27,200	38,700	23,100	45,100	29,600	33,900	1,510	27,400	5,290
19	38,800	14,900	42,300	33,000	40,700	23,500	44,800	29,900	32,500	2,290	26,300	5,080
20	38,800	24,300	42,200	32,700	40,000	27,500	40,200	14,000	33,000	2,300	26,500	5,530
21	38,800	24,900	40,700	32,700	40,400	27,400	40,900	8,700	32,400	2,180	---	---
22	39,200	26,500	40,200	32,400	40,700	28,800	32,800	6,520	34,500	3,670	29,700	10,900
23	---	---	39,900	32,000	41,100	28,900	41,200	5,880	33,200	2,350	30,700	13,000
24	---	---	38,600	31,200	40,100	29,800	40,700	10,100	33,000	2,190	31,700	14,600
25	---	---	39,700	33,300	40,600	31,000	39,500	15,500	32,200	2,640	31,900	15,700
26	38,700	26,200	39,800	32,900	40,200	32,100	40,500	12,300	33,600	4,460	30,600	23,000
27	37,200	26,300	40,200	34,100	39,700	28,700	41,100	9,060	32,200	5,630	27,000	4,980
28	---	---	40,600	34,200	39,500	25,500	41,100	10,100	30,900	5,730	30,500	2,430
29	37,800	24,600	40,700	34,300	39,400	24,100	---	---	31,100	12,200	29,800	1,780
30	37,500	28,600	41,300	36,000	39,100	23,600	---	---	31,000	13,200	28,400	1,770
31	---	---	41,400	35,400	---	---	41,200	14,100	33,000	13,800	---	---
MONTH	---	---	42,900	20,600	---	---	---	---	40,700	1,490	---	---

02300554 LITTLE MANATEE RIVER AT SHELL POINT NEAR RUSKIN, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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7	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	39,600	19,600
28	---	---	---	---	---	---	---	---	---	---	40,100	21,300
29	---	---	---	---	---	---	---	---	---	---	39,500	20,600
30	---	---	---	---	---	---	---	---	---	---	41,500	17,900
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	42,500	28,100	36,500	29,600	43,900	37,700	44,500	28,500	42,200	20,300	33,600	13,600
2	42,100	26,400	37,300	30,600	44,300	37,000	43,300	28,900	42,200	22,000	32,100	11,900
3	41,600	28,500	37,200	27,000	44,900	36,400	43,100	28,700	41,100	18,200	31,400	11,100
4	40,700	30,600	34,800	22,800	43,800	36,400	43,300	29,700	39,400	16,300	32,100	7,780
5	39,900	29,900	35,900	22,800	42,500	36,700	43,500	30,800	36,600	12,100	29,700	15,300
6	39,800	29,500	36,600	23,200	42,900	36,500	43,700	31,200	39,800	9,070	27,600	2,720
7	39,700	30,100	36,500	22,900	42,000	36,400	43,000	29,800	38,800	20,200	30,400	938
8	40,800	29,500	36,300	25,200	41,700	36,000	43,100	30,300	40,700	3,110	30,400	775
9	40,200	29,700	36,500	26,300	40,700	36,300	43,000	33,300	39,800	2,620	30,900	811
10	39,700	28,100	37,000	26,600	40,300	36,800	43,100	29,700	39,900	2,400	29,700	777
11	40,300	26,800	44,100	27,500	39,400	37,000	44,100	28,500	37,400	2,690	30,800	784
12	39,000	30,500	45,100	33,000	40,200	35,600	43,600	27,400	39,400	8,160	30,300	980
13	41,300	25,500	45,700	36,700	40,700	33,200	44,300	31,200	41,700	7,170	32,000	2,410
14	39,100	17,700	45,600	37,800	40,400	31,100	44,900	30,400	38,300	3,240	32,900	6,150
15	38,600	15,000	45,400	38,900	40,400	26,800	46,200	29,600	37,600	2,250	33,800	14,200
16	37,600	19,500	45,000	36,000	40,500	24,400	46,000	29,700	37,100	1,800	35,400	12,100
17	38,400	23,600	45,000	35,800	40,700	25,200	46,100	30,000	34,100	1,690	32,000	8,430
18	37,900	25,000	43,500	33,900	40,700	26,000	45,500	30,800	36,600	1,640	28,400	5,930
19	37,800	24,400	42,200	34,600	40,800	28,300	45,200	30,900	35,400	2,940	26,700	5,530
20	37,500	25,500	41,400	32,800	40,900	29,500	42,200	13,900	36,100	4,220	26,700	5,590
21	37,200	25,500	40,800	32,300	40,900	29,600	43,300	9,800	36,000	3,540	26,900	3,410
22	37,300	26,900	40,600	32,300	41,400	31,900	41,000	7,470	36,500	4,860	30,800	11,300
23	36,800	24,100	43,000	34,200	43,600	31,300	43,300	7,170	35,700	2,860	30,700	13,300
24	36,800	22,800	42,100	35,300	43,900	34,800	42,000	15,500	35,400	2,180	31,700	14,500
25	36,800	24,000	41,800	34,700	43,400	35,800	40,700	19,700	34,600	2,890	31,300	15,300
26	36,500	25,800	41,000	33,200	43,000	36,700	41,800	15,000	36,000	5,040	29,200	21,700
27	36,200	27,300	40,300	30,700	44,400	34,900	42,400	10,100	34,400	6,320	29,200	6,260
28	36,900	23,300	41,500	34,000	44,500	30,900	42,400	11,000	32,900	12,500	31,700	3,060
29	36,800	26,100	41,000	35,000	44,300	30,000	---	---	32,800	15,000	30,700	2,230
30	36,900	29,100	41,300	36,800	44,200	29,500	---	---	32,500	15,400	29,800	2,130
31	---	---	42,000	37,200	---	---	41,900	17,400	34,400	16,900	---	---
MONTH	42,500	15,000	45,700	22,800	44,900	24,400	---	---	42,200	1,640	35,400	775

02300554 LITTLE MANATEE RIVER AT SHELL POINT NEAR RUSKIN, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
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21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	22.4	20.3
28	---	---	---	---	---	---	---	---	---	---	23.0	20.8
29	---	---	---	---	---	---	---	---	---	---	24.3	21.4
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	23.1	21.3	26.9	25.2	31.6	30.0	31.5	29.2	30.7	29.5	32.3	29.6
2	21.7	20.4	27.7	26.0	31.3	29.7	31.5	28.9	29.5	28.6	31.6	29.8
3	22.0	20.1	26.9	25.0	31.5	29.7	31.9	29.6	29.2	28.1	31.5	29.8
4	21.8	20.0	25.9	23.8	31.6	29.6	32.3	29.9	29.3	28.1	30.6	28.6
5	21.7	19.8	25.5	23.0	30.8	29.1	32.4	30.3	30.7	28.0	28.7	25.4
6	22.4	19.8	26.1	23.8	31.0	28.7	32.6	30.5	31.5	28.8	25.7	25.3
7	23.0	21.1	26.6	24.3	31.4	28.6	31.7	30.3	31.5	29.1	27.0	25.3
8	23.9	21.8	27.3	24.5	31.1	28.7	32.1	29.3	30.2	28.7	26.9	25.9
9	25.0	23.1	27.0	24.8	31.5	28.9	33.3	30.3	30.1	28.3	27.3	26.0
10	26.8	24.0	26.5	24.9	31.1	29.3	33.1	30.6	30.5	28.9	28.5	26.2
11	25.7	24.3	27.1	25.2	30.8	29.0	32.7	30.8	31.8	29.2	28.4	26.7
12	25.0	22.9	27.5	25.3	31.4	29.5	31.8	29.6	31.6	29.4	28.6	26.8
13	23.0	22.0	27.3	25.4	31.7	30.1	32.1	29.8	30.6	27.4	29.4	27.3
14	22.0	18.6	27.2	25.6	31.2	29.4	32.2	30.3	28.2	26.7	28.8	27.1
15	---	---	27.6	25.3	30.9	28.7	31.4	30.3	30.0	26.3	28.2	27.2
16	22.1	19.5	27.4	26.1	30.7	28.6	30.8	29.5	31.8	26.8	29.4	27.2
17	22.7	20.3	27.6	25.5	31.0	28.8	30.0	29.0	32.0	27.2	29.7	28.0
18	23.2	20.7	27.9	25.7	30.6	28.9	29.4	28.3	31.4	27.5	32.7	28.9
19	23.7	21.1	27.9	25.9	31.7	29.1	29.0	28.0	32.2	28.2	31.1	28.7
20	24.5	22.0	28.5	26.4	31.9	29.8	28.0	27.0	31.7	28.6	29.2	27.1
21	24.3	22.6	29.0	27.0	31.8	30.4	30.8	26.6	31.5	29.4	28.2	26.3
22	25.1	22.3	29.0	27.2	32.2	30.4	32.4	27.5	31.7	29.1	27.2	24.1
23	---	---	29.2	26.9	33.1	30.5	32.0	28.6	31.2	29.7	27.8	25.3
24	---	---	29.6	27.1	33.3	30.7	32.3	29.7	30.9	28.4	27.8	25.8
25	25.8	24.1	30.1	27.5	33.0	30.8	32.5	30.0	30.6	29.2	26.8	25.6
26	26.4	24.5	31.1	27.9	32.5	30.8	31.9	29.9	30.3	29.2	25.6	24.7
27	26.1	24.7	30.8	28.4	31.6	30.3	31.3	29.5	31.9	29.2	26.6	24.6
28	---	---	30.6	28.2	30.9	29.4	31.2	29.4	31.5	29.5	28.6	25.3
29	25.4	23.6	31.1	28.8	31.1	28.6	---	---	31.8	29.5	29.2	25.9
30	26.4	24.2	31.7	29.8	31.0	28.5	---	---	31.2	30.0	29.0	26.7
31	---	---	31.6	29.8	---	---	31.4	29.0	32.0	29.8	---	---
MONTH	---	---	31.7	23.0	33.3	28.5	---	---	32.2	26.3	32.7	24.1

02300554 LITTLE MANATEE RIVER AT SHELL POINT NEAR RUSKIN, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	22.4	20.4
28	---	---	---	---	---	---	---	---	---	---	23.0	20.8
29	---	---	---	---	---	---	---	---	---	---	24.2	21.8
30	---	---	---	---	---	---	---	---	---	---	23.7	22.2
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	23.2	21.1	27.0	25.3	31.7	30.2	31.6	29.8	30.8	29.7	32.3	29.6
2	21.8	20.3	27.8	26.0	31.4	29.8	31.5	30.2	29.7	28.6	31.6	29.8
3	22.1	20.0	27.0	25.1	31.6	29.8	31.9	29.9	29.3	28.2	31.2	29.8
4	21.9	20.1	26.0	23.7	31.6	29.6	32.4	30.3	29.2	28.6	30.7	28.3
5	21.8	19.9	25.5	23.3	30.8	29.2	32.4	30.7	30.2	28.4	28.5	25.4
6	22.5	19.9	26.1	24.0	31.1	28.8	32.7	30.9	30.3	28.9	25.7	25.3
7	23.0	21.3	26.7	24.7	31.5	28.7	31.8	30.5	30.9	29.7	27.2	25.5
8	23.9	22.0	27.3	25.3	31.2	28.7	32.2	30.0	30.3	28.9	27.6	26.4
9	25.1	23.2	27.1	25.7	31.6	28.9	33.3	30.8	31.0	28.5	---	---
10	26.6	24.1	26.5	25.3	31.2	29.4	33.2	30.9	30.9	29.2	28.5	27.2
11	25.8	24.5	26.9	25.5	30.8	29.0	32.8	30.9	32.0	29.6	28.5	27.7
12	25.1	22.9	27.5	25.6	31.5	29.7	31.9	30.1	32.0	29.9	28.8	27.7
13	23.1	22.0	27.4	25.9	31.9	30.3	32.2	30.7	30.9	27.6	29.1	27.9
14	22.1	18.3	27.3	25.6	31.1	29.7	32.3	30.7	28.4	26.9	28.9	27.5
15	20.8	18.3	27.7	25.3	30.7	29.3	31.5	30.1	29.6	26.9	28.2	27.4
16	22.0	19.5	27.5	26.1	30.8	29.2	30.9	29.6	30.2	27.1	28.8	27.6
17	22.9	20.3	27.6	25.6	31.1	29.2	30.3	29.1	31.0	27.5	29.8	28.0
18	23.3	20.8	28.0	25.9	30.7	29.0	29.4	29.0	31.0	27.8	31.0	28.9
19	23.8	21.3	27.9	26.1	31.8	29.9	29.2	28.0	31.0	28.6	31.1	28.8
20	24.6	22.2	28.5	26.6	31.9	30.6	28.1	27.1	31.8	29.2	30.0	27.1
21	24.4	23.0	29.1	27.2	31.9	30.6	29.3	26.9	31.6	29.6	27.9	26.4
22	25.2	23.0	29.1	27.5	32.3	30.7	30.4	27.9	31.8	29.8	27.3	26.4
23	26.1	23.9	29.3	27.3	33.1	31.0	31.4	29.2	31.4	29.9	27.9	25.8
24	26.5	24.0	29.5	27.2	33.4	31.1	32.1	30.0	31.3	28.5	27.9	26.0
25	25.9	24.1	30.3	27.5	33.1	31.1	32.6	30.1	30.9	29.4	26.9	25.5
26	26.5	24.7	31.0	28.0	32.5	31.0	31.8	30.1	30.3	29.5	25.5	24.8
27	26.3	25.2	31.0	28.4	31.8	30.4	31.4	29.6	31.4	29.7	26.3	24.7
28	26.0	23.7	30.6	28.2	31.0	29.9	31.3	29.6	31.6	30.3	27.3	25.4
29	25.4	23.7	31.3	28.9	31.1	29.2	---	---	31.9	29.9	28.0	26.0
30	26.4	24.2	31.7	29.9	31.1	29.4	---	---	31.3	30.2	29.4	26.7
31	---	---	31.7	30.0	---	---	31.5	30.1	32.1	29.9	---	---
MONTH	26.6	18.3	31.7	23.3	33.4	28.7	---	---	32.1	26.9	---	---

02300554 LITTLE MANATEE RIVER AT SHELL POINT NEAR RUSKIN, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	28,000	1,420	36,700	21,000	37,600	20,100	38,200	18,000	38,900	27,600	38,700	20,100
2	29,000	2,010	37,400	20,600	36,500	19,800	38,500	20,900	39,800	25,600	37,000	14,000
3	30,900	2,640	37,400	19,500	35,700	18,000	38,900	21,900	41,800	23,500	35,800	9,470
4	31,200	5,810	37,100	19,900	34,800	21,200	39,400	22,900	40,100	25,100	37,000	7,490
5	30,900	4,770	37,800	19,900	35,100	19,800	39,600	22,200	39,900	12,500	36,400	10,200
6	31,200	4,610	31,500	19,000	36,100	26,300	39,800	19,300	39,700	23,700	35,500	11,800
7	34,900	5,880	33,800	24,000	37,800	24,600	40,400	20,900	38,600	28,800	36,300	9,510
8	33,400	11,300	34,500	24,700	37,500	24,400	40,200	21,600	38,600	31,000	37,900	25,200
9	35,200	15,500	34,300	22,200	38,200	22,100	40,400	22,400	39,200	31,000	37,200	16,400
10	35,800	17,300	35,200	19,900	39,300	23,500	38,400	24,100	40,100	32,800	39,300	17,800
11	36,200	17,000	38,000	23,200	39,500	26,500	38,700	27,100	38,700	28,200	38,000	21,700
12	35,000	14,500	39,000	24,600	38,500	21,500	38,900	28,400	37,900	30,700	36,200	18,900
13	33,000	12,800	39,400	25,300	37,500	22,300	39,000	30,600	40,500	32,000	39,100	18,900
14	31,000	7,830	37,400	20,700	37,000	24,600	38,700	22,200	39,100	32,500	38,700	16,300
15	31,900	14,100	36,700	20,500	33,200	26,700	31,900	14,300	40,100	29,500	40,900	14,300
16	28,900	5,840	37,200	22,900	35,500	27,700	27,200	9,880	41,200	26,400	42,100	16,000
17	29,700	7,990	36,900	23,900	35,100	26,900	35,900	6,590	41,000	27,100	39,200	12,200
18	31,500	9,500	36,500	23,400	36,100	27,600	31,600	4,980	40,200	24,000	14,800	5,690
19	32,400	12,200	38,800	23,500	35,200	27,500	35,200	6,560	38,900	25,000	36,600	3,100
20	33,400	13,000	39,300	26,600	35,500	23,200	35,500	10,100	41,500	24,600	37,300	2,640
21	32,100	11,900	39,200	28,200	38,000	24,800	37,400	17,300	40,600	28,600	38,800	3,130
22	29,000	11,500	38,900	27,800	39,000	23,200	38,800	17,800	41,100	29,800	39,600	7,480
23	30,800	16,300	39,500	27,500	39,000	27,200	39,700	21,500	41,200	30,800	38,600	7,270
24	34,200	20,600	39,400	28,200	39,000	25,600	35,300	16,000	41,400	32,300	35,200	7,690
25	33,200	19,900	39,100	25,800	36,800	24,600	36,200	20,400	40,500	32,000	38,100	10,200
26	32,300	18,200	35,500	16,000	39,100	16,900	38,200	24,700	40,900	32,300	37,300	11,700
27	32,900	17,000	38,200	17,900	29,700	17,000	38,000	24,500	40,200	33,300	38,200	13,600
28	32,300	17,000	38,100	21,400	34,600	16,500	36,900	24,500	39,900	28,700	42,600	14,100
29	33,300	18,300	36,600	16,700	35,700	13,100	38,500	26,900	---	---	34,200	8,910
30	33,900	19,400	37,600	19,300	37,400	14,300	38,500	31,300	---	---	39,500	8,110
31	34,700	19,800	---	---	38,100	18,100	37,200	29,100	---	---	40,600	10,600
MONTH	36,200	1,420	39,500	16,000	39,500	13,100	40,400	4,980	41,800	12,500	42,600	2,640
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	40,100	14,800	40,000	21,400	42,400	30,100	36,600	3,760	35,800	10,600	33,300	17,600
2	39,800	20,600	38,900	20,500	40,800	24,000	37,400	3,100	35,400	11,100	33,100	19,600
3	35,800	13,600	38,400	16,500	40,400	22,000	38,200	3,460	34,800	12,400	32,900	19,400
4	33,600	11,200	40,400	19,700	40,700	17,100	38,600	4,850	34,300	12,000	32,400	19,200
5	33,500	14,800	39,900	22,500	40,500	12,900	37,200	5,630	33,500	12,900	32,000	18,300
6	34,800	21,900	38,300	14,600	41,000	11,200	37,800	7,830	34,100	14,900	31,800	19,600
7	36,800	25,100	39,400	16,400	39,600	7,540	37,200	12,000	34,300	16,600	31,400	20,000
8	37,700	23,000	39,700	17,900	40,100	7,610	37,100	12,900	33,600	16,200	31,200	19,500
9	35,500	20,400	39,700	20,700	41,500	8,770	36,500	13,900	32,900	15,200	32,000	18,400
10	38,600	17,600	39,900	20,600	40,700	9,180	35,900	14,200	32,000	13,800	31,400	14,700
11	38,600	17,700	39,200	20,700	36,900	8,860	35,100	6,170	33,500	10,700	30,900	6,800
12	40,800	22,100	40,000	19,900	39,600	5,970	35,100	5,190	33,900	9,910	31,800	16,800
13	39,900	24,700	41,200	20,800	40,200	3,690	35,200	4,270	36,100	11,100	34,700	18,700
14	40,800	22,600	41,000	21,300	40,000	6,320	35,500	3,200	36,200	11,300	35,200	22,000
15	38,200	19,400	40,700	24,500	38,600	6,150	36,400	2,620	35,900	5,750	33,600	22,800
16	37,300	8,260	40,800	23,100	34,400	6,710	37,000	2,510	34,800	13,400	34,700	25,200
17	36,200	8,850	41,700	23,200	37,200	6,750	36,700	2,940	34,300	21,800	34,600	25,000
18	36,000	15,900	41,700	24,700	39,000	6,610	36,800	3,690	---	---	35,300	26,200
19	39,200	23,100	42,300	27,300	38,600	5,800	37,200	6,180	---	---	35,100	26,200
20	40,500	26,300	42,800	30,600	37,500	6,850	37,900	6,770	---	---	34,900	22,700
21	41,000	30,400	41,900	26,800	39,800	7,830	36,900	9,880	---	---	36,200	25,200
22	40,200	30,600	41,900	24,300	38,900	13,800	35,500	10,900	---	---	38,900	28,100
23	41,400	33,100	42,200	24,100	38,800	14,000	34,200	11,900	---	---	39,800	29,200
24	39,800	26,600	42,200	27,000	38,600	10,800	30,400	11,700	28,100	17,700	39,800	28,000
25	40,700	25,800	43,500	27,500	37,200	8,930	32,000	11,000	29,100	11,800	40,000	28,400
26	41,600	25,900	42,600	26,800	38,700	12,000	33,600	11,800	26,300	14,200	39,900	29,000
27	41,000	23,500	42,700	28,100	37,800	14,000	31,100	6,080	31,200	22,300	39,500	29,500
28	38,100	21,400	43,500	29,600	36,700	13,600	26,900	4,380	32,800	17,900	39,800	31,500
29	40,600	18,300	42,300	31,200	38,200	15,300	33,700	4,080	32,900	18,000	40,900	31,000
30	41,600	22,800	43,400	31,700	37,800	5,340	34,100	4,920	33,900	18,000	40,300	27,700
31	---	---	42,400	34,400	---	---	34,100	8,900	33,200	17,600	---	---
MONTH	41,600	8,260	43,500	14,600	42,400	3,690	38,600	2,510	---	---	40,900	6,800

02300554 LITTLE MANATEE RIVER AT SHELL POINT NEAR RUSKIN, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29,300	1,720	35,000	20,300	38,100	21,800	40,000	20,100	41,400	29,200	41,000	23,300
2	29,700	2,610	35,800	19,800	37,900	21,800	40,500	24,400	41,800	28,700	40,300	16,200
3	30,200	3,330	36,500	20,600	37,100	21,800	40,900	26,400	43,800	25,400	40,000	11,200
4	30,700	7,460	37,600	22,800	35,900	23,800	41,600	29,700	42,600	26,300	38,900	9,550
5	30,500	5,930	37,600	20,300	37,500	23,700	41,300	25,900	42,500	23,300	37,600	11,100
6	33,000	5,830	32,100	20,400	39,400	31,200	41,200	21,500	41,600	26,100	37,200	13,100
7	35,500	7,210	34,200	25,100	40,800	28,500	41,700	22,500	41,400	31,300	40,800	15,000
8	34,000	15,600	34,200	25,100	40,200	27,600	41,600	23,700	41,600	31,800	41,500	28,100
9	36,200	17,700	34,100	23,000	39,100	23,300	41,600	24,200	40,200	32,300	38,000	18,000
10	36,500	20,400	34,300	20,300	41,100	25,700	40,300	26,100	41,100	33,600	40,200	20,200
11	36,100	19,900	37,000	23,800	41,000	27,700	40,100	27,700	39,700	29,100	39,100	24,800
12	34,900	17,700	37,800	24,700	39,900	20,000	39,700	29,700	39,200	31,900	38,200	22,200
13	33,300	14,900	38,300	25,400	38,500	24,300	40,000	32,100	40,500	33,300	39,800	22,300
14	32,100	9,130	36,200	20,100	38,400	26,000	40,500	24,300	40,400	34,000	40,200	19,300
15	32,400	17,300	35,100	18,200	34,200	18,800	36,500	15,400	41,000	32,400	41,300	17,400
16	29,600	6,900	35,700	22,400	36,500	25,600	30,800	10,900	41,800	29,600	42,600	16,600
17	30,500	9,150	35,300	23,400	36,300	28,200	38,400	7,390	41,300	30,900	40,600	16,100
18	32,300	11,200	35,200	23,400	37,800	29,400	38,600	7,010	40,600	25,900	34,000	6,140
19	33,500	13,800	37,700	24,100	36,600	29,700	37,500	8,410	40,000	24,700	37,400	3,630
20	34,000	14,000	38,300	26,400	37,700	25,500	38,700	12,200	41,400	26,900	38,800	3,650
21	32,900	12,700	38,200	28,600	38,700	26,600	41,600	20,000	41,600	30,500	40,100	4,850
22	30,000	12,500	38,600	27,200	40,000	24,800	42,500	19,700	41,600	31,900	40,200	12,500
23	31,600	18,000	38,900	28,100	40,400	29,200	42,300	22,800	42,200	33,300	39,900	11,800
24	35,000	22,800	39,700	29,000	40,100	27,400	38,100	14,800	42,300	34,600	37,200	11,000
25	34,000	22,100	39,500	26,000	38,200	24,800	40,600	22,000	42,200	34,700	39,600	17,000
26	33,400	19,400	37,000	16,300	40,300	18,600	40,800	27,000	41,800	34,800	39,700	16,400
27	33,200	18,000	37,800	18,300	31,400	11,500	41,800	26,300	40,900	35,200	39,500	19,300
28	33,200	18,400	38,000	22,100	36,300	9,050	40,200	26,100	41,700	31,800	43,400	16,600
29	33,400	18,900	37,100	17,200	37,000	13,900	41,000	29,000	---	---	39,600	12,000
30	33,500	19,600	38,400	20,000	38,500	14,600	41,600	33,900	---	---	40,400	11,100
31	33,900	19,400	---	---	39,200	19,700	40,700	31,600	---	---	41,100	11,900
MONTH	36,500	1,720	39,700	16,300	41,100	9,050	42,500	7,010	43,800	23,300	43,400	3,630
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	40,500	15,600	40,400	21,400	42,500	31,200	38,900	4,260	35,300	10,900	37,200	21,500
2	40,500	20,700	39,100	21,400	41,500	24,800	39,800	3,530	34,100	11,900	36,700	24,700
3	38,400	13,000	39,200	17,200	41,500	24,600	40,500	3,940	33,200	13,000	36,300	22,900
4	37,700	14,500	40,200	22,700	41,400	18,000	40,700	6,190	32,100	11,900	35,500	23,800
5	38,400	18,300	39,600	25,400	40,700	14,700	38,800	9,470	31,200	13,900	34,700	24,200
6	38,900	24,700	38,700	15,700	41,300	12,300	38,900	13,100	32,200	16,500	34,600	24,100
7	38,900	27,100	39,100	17,800	40,000	8,770	38,500	14,200	32,800	16,900	33,700	23,800
8	40,200	24,500	39,400	20,300	40,700	8,770	37,900	14,200	32,300	16,600	34,100	22,500
9	37,800	22,000	39,400	21,700	42,000	9,980	37,200	14,700	32,200	17,100	34,600	21,000
10	39,400	18,700	39,700	21,700	41,600	9,970	36,200	15,300	31,700	17,100	33,400	18,000
11	39,200	18,700	38,800	21,800	38,900	10,100	38,300	6,250	32,500	15,900	33,100	16,500
12	40,600	22,900	39,600	20,600	41,600	7,690	38,500	6,110	33,200	13,300	34,700	19,000
13	40,400	25,500	40,800	21,400	41,700	5,000	37,400	5,720	34,700	13,300	36,800	21,000
14	41,100	24,000	40,700	22,000	40,900	9,430	37,600	7,440	34,900	12,000	38,200	24,200
15	39,200	19,800	40,500	25,800	40,200	10,300	37,800	3,610	34,700	11,100	36,500	25,100
16	37,800	16,400	40,500	24,300	37,800	13,300	38,200	3,260	34,600	14,600	36,900	27,300
17	37,900	17,600	41,600	24,700	39,800	9,970	38,800	3,230	33,000	27,700	36,500	27,600
18	37,400	21,400	42,000	27,000	40,300	8,230	38,600	4,300	---	---	37,300	28,800
19	41,600	24,600	42,200	29,800	39,800	6,780	38,000	7,210	---	---	36,500	28,200
20	41,600	28,100	42,500	32,100	39,600	7,630	38,400	10,500	---	---	36,000	23,900
21	41,700	31,800	42,000	27,500	40,600	13,500	37,600	12,400	---	---	37,100	26,400
22	41,200	31,900	41,600	25,000	40,100	14,800	37,000	13,200	---	---	39,000	29,600
23	41,600	34,100	42,000	25,200	39,600	14,800	36,300	12,700	---	---	41,000	31,100
24	41,400	27,200	41,800	27,400	39,400	11,200	32,200	12,700	32,400	22,000	40,900	29,800
25	41,200	27,200	43,300	27,900	38,700	10,200	32,700	12,100	33,600	15,800	41,000	30,400
26	41,800	27,200	42,500	27,200	40,600	13,700	34,200	14,600	32,800	8,140	40,700	30,900
27	41,100	24,100	42,600	28,600	39,500	16,600	32,900	9,370	36,800	28,100	40,200	30,400
28	38,000	22,000	43,300	30,400	39,600	17,300	31,600	5,960	38,800	21,800	40,400	32,500
29	40,500	18,600	42,200	32,000	40,300	21,100	33,900	5,080	40,500	22,400	41,600	32,400
30	41,400	23,000	43,600	32,400	39,500	7,560	35,200	5,440	38,800	22,400	40,900	30,600
31	---	---	42,800	35,000	---	---	35,100	9,380	37,600	21,800	---	---
MONTH	41,800	13,000	43,600	15,700	42,500	5,000	40,700	3,230	---	---	41,600	16,500

02300554 LITTLE MANATEE RIVER AT SHELL POINT NEAR RUSKIN, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	30.1	27.4	27.1	25.7	23.5	21.1	19.0	16.1	19.5	16.8	21.4	19.5
2	31.1	27.7	27.8	25.6	23.4	21.6	19.5	16.2	18.7	17.0	20.4	18.0
3	30.3	28.0	28.3	25.7	22.3	20.8	20.0	16.8	18.8	17.7	18.8	15.6
4	31.6	28.0	27.9	25.6	21.0	19.4	19.7	17.3	19.1	16.1	17.4	15.5
5	29.9	28.2	26.7	23.8	20.8	18.1	19.9	17.9	16.5	14.8	19.3	16.5
6	29.4	27.5	24.9	21.8	21.5	19.3	19.8	18.6	16.4	14.9	20.1	17.6
7	28.1	26.7	23.9	21.7	21.8	20.6	20.6	19.3	17.9	15.9	20.5	18.9
8	27.6	25.2	23.1	21.4	22.5	21.1	21.3	19.4	18.9	16.9	20.4	18.7
9	27.5	25.4	22.5	21.5	23.0	21.9	21.9	20.0	19.7	17.9	18.8	16.5
10	27.2	26.2	22.9	21.2	23.0	22.3	22.5	20.7	20.1	18.2	18.9	16.1
11	26.9	25.2	23.5	21.6	22.3	19.0	22.7	20.5	18.6	15.8	19.5	16.9
12	27.7	24.9	23.5	22.3	19.4	17.7	22.5	20.3	16.2	14.1	20.0	18.1
13	27.2	25.7	23.5	22.9	20.0	17.1	22.2	20.4	16.8	14.7	20.8	18.1
14	27.0	25.4	24.0	22.3	19.2	15.9	21.8	20.8	18.0	15.5	21.6	19.6
15	26.4	24.1	23.2	21.4	15.9	12.3	21.2	19.2	19.3	17.2	21.7	20.9
16	26.1	23.5	22.6	20.9	14.4	11.9	19.2	17.3	20.1	18.5	22.0	20.0
17	26.8	24.0	22.7	20.3	14.8	13.4	17.7	14.9	20.9	19.4	22.0	21.0
18	26.8	24.0	22.9	20.2	17.0	14.5	15.4	13.3	20.5	18.5	21.4	19.7
19	27.5	25.3	23.0	20.9	17.3	15.8	14.5	12.6	19.1	17.6	22.5	17.0
20	28.3	25.8	23.3	21.5	16.2	13.8	15.1	13.8	19.4	18.0	21.9	17.5
21	28.8	26.7	23.6	21.9	15.4	13.2	16.7	14.5	20.4	18.9	20.8	18.7
22	28.5	26.4	23.5	22.4	16.6	14.5	17.0	16.1	21.8	20.0	23.9	19.6
23	27.0	25.1	23.7	22.6	17.2	16.0	17.0	13.9	22.9	20.8	22.0	21.1
24	26.3	24.7	23.7	22.9	17.3	15.9	14.4	11.7	23.0	21.3	22.4	21.0
25	27.0	25.1	23.8	22.1	16.1	14.9	14.4	11.6	22.7	21.5	23.9	21.5
26	26.5	25.5	22.1	19.8	15.0	12.8	15.9	13.8	21.8	20.9	25.0	22.7
27	26.2	25.0	21.4	19.5	14.2	12.4	18.1	15.1	21.2	20.2	25.0	22.9
28	26.0	24.8	22.7	20.2	15.0	12.5	18.1	16.3	22.1	20.4	24.8	23.1
29	26.7	25.1	22.4	20.4	16.4	13.1	18.2	16.2	---	---	23.1	21.3
30	27.4	25.7	22.8	20.4	17.5	14.4	18.8	16.8	---	---	24.2	21.6
31	27.9	26.0	---	---	18.3	15.1	19.0	17.4	---	---	25.0	22.9
MONTH	31.6	23.5	28.3	19.5	23.5	11.9	22.7	11.6	23.0	14.1	25.0	15.5
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.3	23.7	25.3	23.5	29.1	27.9	31.2	28.8	32.4	29.8	31.2	29.6
2	25.3	22.8	27.5	23.7	28.0	26.5	31.5	28.7	32.8	30.7	31.9	30.1
3	22.8	19.6	27.0	24.5	27.7	26.5	32.0	29.9	33.2	30.5	31.8	30.1
4	22.6	20.2	26.3	24.0	27.4	26.4	32.5	30.2	33.2	30.5	31.0	29.8
5	23.8	21.7	24.4	23.4	28.2	26.1	32.5	30.1	33.0	30.7	29.9	28.8
6	24.2	22.6	25.1	23.0	29.4	27.3	32.7	30.4	32.9	30.6	29.6	28.0
7	23.5	22.6	25.6	22.9	30.5	27.9	33.1	30.8	32.3	30.5	30.0	28.0
8	24.5	22.5	26.0	23.5	31.2	28.1	33.0	31.0	32.1	30.4	29.6	27.9
9	24.6	22.5	26.7	24.3	29.9	28.3	31.0	27.2	32.2	30.2	30.3	27.1
10	25.3	22.9	27.3	24.7	28.4	26.5	27.8	27.1	33.0	30.4	31.7	28.0
11	25.1	22.7	27.8	24.8	29.7	26.3	29.1	27.1	33.9	31.3	31.7	28.5
12	24.7	22.8	27.4	25.4	29.1	27.1	30.7	27.0	33.2	31.3	31.5	28.0
13	24.9	23.5	27.2	25.6	30.9	27.1	31.4	28.0	33.8	30.4	31.0	28.4
14	24.8	22.5	27.0	24.9	32.8	27.9	31.4	28.0	33.1	31.4	30.0	28.3
15	23.6	21.0	27.9	25.3	32.3	28.6	30.3	28.7	32.7	30.7	29.9	28.0
16	21.7	19.4	28.6	25.8	31.7	29.4	30.8	28.6	32.7	30.8	30.0	28.1
17	21.6	18.7	29.6	26.5	32.0	30.0	30.8	28.8	32.1	30.7	30.4	28.5
18	22.8	19.3	29.1	27.0	32.1	29.7	30.9	29.6	---	---	30.5	28.8
19	23.0	21.0	28.7	26.9	32.3	29.8	31.1	29.4	---	---	30.5	29.1
20	23.4	21.5	28.8	26.6	31.5	29.3	31.3	29.5	---	---	29.4	28.3
21	24.5	22.3	29.2	27.2	30.4	28.5	31.9	29.4	---	---	28.4	27.4
22	25.2	23.0	29.5	27.5	29.4	27.9	32.5	30.2	---	---	28.0	27.4
23	24.7	23.4	29.9	27.7	30.3	27.6	32.0	30.3	---	---	28.4	27.3
24	23.6	21.8	29.2	27.9	29.3	27.0	32.4	30.4	33.7	31.3	29.2	27.6
25	22.9	20.3	29.5	27.5	30.4	26.9	32.6	30.3	32.6	31.0	29.3	27.5
26	22.5	21.5	28.8	26.9	30.7	28.0	31.8	30.7	31.0	28.6	29.7	27.3
27	23.3	21.3	29.3	26.9	30.4	29.1	33.2	30.8	29.5	28.5	29.8	27.6
28	24.1	21.4	30.1	27.5	30.6	28.7	33.0	30.8	30.0	28.4	29.4	27.7
29	24.8	22.2	31.0	28.2	29.8	28.9	32.6	31.0	30.5	28.4	29.4	27.3
30	25.3	23.0	31.3	28.9	30.1	28.0	32.3	29.7	31.0	29.6	29.6	28.0
31	---	---	30.6	28.7	---	---	32.0	29.0	30.9	30.0	---	---
MONTH	25.3	18.7	31.3	22.9	32.8	26.1	33.2	27.0	---	---	31.9	27.1

02300554 LITTLE MANATEE RIVER AT SHELL POINT NEAR RUSKIN, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	28.9	27.5	26.8	25.7	23.3	21.3	18.7	16.0	18.7	16.7	21.5	19.1
2	30.3	27.7	27.1	25.7	23.3	21.7	19.0	16.2	18.5	16.7	20.5	17.8
3	29.7	28.0	27.9	26.0	22.3	20.5	19.4	16.6	18.9	17.5	18.9	16.3
4	30.9	28.2	27.7	26.4	21.1	19.4	18.8	16.9	19.2	16.3	17.4	15.6
5	30.1	28.8	26.7	23.7	21.0	19.0	19.3	17.4	16.7	14.7	19.4	16.6
6	29.4	27.9	24.9	22.0	21.4	19.5	19.9	18.5	16.4	15.0	20.2	17.6
7	28.4	27.0	23.9	21.8	21.7	20.5	20.2	19.4	17.9	16.0	20.5	19.2
8	27.6	25.6	23.2	21.7	22.5	21.1	20.8	19.5	19.0	16.9	20.5	18.8
9	27.8	26.1	22.5	21.5	23.1	21.9	21.8	20.0	19.6	17.7	18.9	16.6
10	27.4	26.5	23.0	21.1	23.1	22.4	22.5	20.6	20.1	17.6	18.8	16.1
11	27.0	25.5	23.5	21.7	22.4	19.3	22.6	20.5	17.6	15.9	19.6	16.9
12	27.2	25.1	23.5	22.3	19.5	17.8	22.2	20.4	16.2	14.1	20.1	18.2
13	27.3	25.7	23.5	23.0	19.8	17.5	22.0	20.4	16.8	14.7	20.9	18.3
14	26.9	25.5	23.8	22.3	19.2	15.0	21.8	20.9	18.1	15.5	21.6	19.7
15	26.4	24.5	23.2	21.5	15.7	12.5	21.4	19.1	19.3	17.1	21.8	20.8
16	25.6	23.6	22.7	20.9	14.5	12.1	19.3	17.4	20.1	18.5	22.0	19.9
17	26.2	24.0	22.8	20.3	14.9	13.4	17.9	14.1	20.7	19.6	22.1	21.2
18	26.4	24.3	23.0	20.6	17.1	14.5	15.7	12.5	20.6	18.5	21.2	19.4
19	27.3	25.3	23.1	21.5	17.4	15.7	14.6	12.3	19.2	17.6	20.7	18.7
20	28.4	25.9	23.3	21.7	16.3	14.0	15.3	13.9	19.5	17.9	21.3	18.4
21	28.9	26.7	23.7	22.1	15.4	13.3	17.1	14.6	20.5	18.9	21.0	18.9
22	28.4	26.4	23.6	22.6	16.7	14.5	17.1	16.2	21.7	20.0	22.1	19.8
23	27.0	25.1	23.7	22.7	17.1	16.0	17.0	13.7	22.9	20.7	22.0	21.2
24	26.4	24.9	23.7	22.9	17.4	16.0	14.7	11.7	22.9	21.2	22.2	21.0
25	26.9	25.3	23.8	21.9	16.2	14.9	14.2	11.6	22.6	21.5	23.9	21.3
26	26.6	25.5	22.2	20.1	15.1	12.9	15.5	13.9	21.7	20.9	25.0	22.6
27	26.2	25.0	21.0	19.6	13.8	12.4	17.6	15.1	21.2	20.3	25.1	23.1
28	26.0	24.9	22.5	20.2	14.7	12.4	17.9	16.4	21.9	20.5	24.8	23.4
29	26.8	25.2	21.9	20.5	15.8	13.2	17.7	16.3	---	---	23.4	21.0
30	27.1	25.7	22.4	20.5	17.0	14.4	18.8	16.9	---	---	24.0	21.9
31	27.3	26.0	---	---	17.8	15.1	18.8	17.3	---	---	25.0	23.0
MONTH	30.9	23.6	27.9	19.6	23.3	12.1	22.6	11.6	22.9	14.1	25.1	15.6
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.3	23.9	25.3	23.7	29.3	28.0	31.0	29.5	32.5	30.7	31.3	30.4
2	25.3	22.9	26.8	23.9	28.0	26.5	31.0	29.8	32.6	30.9	32.0	30.5
3	22.9	19.5	26.8	24.7	27.8	26.8	31.5	30.4	32.8	30.9	32.0	30.3
4	22.7	20.0	26.3	24.2	27.4	26.7	32.2	30.8	33.4	30.9	31.1	30.0
5	23.6	21.7	24.5	23.6	28.3	26.5	32.6	30.9	32.9	31.1	30.0	29.0
6	24.1	22.5	25.2	22.9	29.4	27.8	32.8	31.4	32.9	31.1	29.7	28.2
7	23.6	22.6	25.7	23.2	30.5	28.1	33.2	31.4	32.4	31.1	29.8	28.1
8	24.6	22.5	26.1	24.0	31.0	28.6	32.9	31.2	31.9	30.6	29.5	28.0
9	24.7	22.6	26.8	24.5	30.2	28.5	31.2	27.5	32.1	30.4	30.4	27.2
10	25.3	23.0	27.4	25.1	28.9	26.6	27.8	27.1	32.8	30.8	31.4	28.2
11	25.1	23.0	27.9	25.1	28.1	26.6	29.1	27.3	33.6	31.5	31.7	28.5
12	24.8	23.1	27.5	25.8	29.1	27.4	30.4	27.3	33.4	31.6	31.5	28.5
13	24.9	23.4	27.2	25.7	29.8	27.4	31.2	28.3	33.7	30.7	31.1	28.4
14	24.9	22.7	27.0	25.1	30.5	28.4	31.8	29.6	33.2	31.7	30.1	28.4
15	23.8	20.9	27.9	25.7	31.5	29.3	31.2	29.8	32.8	31.1	30.0	28.0
16	22.1	19.4	28.8	26.3	31.8	30.4	31.0	29.5	32.8	31.5	30.1	28.5
17	21.5	18.7	29.3	27.0	31.9	30.7	30.9	29.7	32.1	31.2	30.5	28.7
18	22.6	19.3	29.3	27.5	31.9	30.7	30.9	29.7	---	---	30.6	28.9
19	22.9	21.0	28.8	27.0	31.9	30.5	31.0	29.9	---	---	30.5	29.2
20	23.5	21.5	28.9	26.7	31.4	30.2	31.3	30.0	---	---	29.4	28.4
21	24.6	22.4	29.3	27.4	30.8	28.8	32.0	29.9	---	---	28.5	27.6
22	25.3	23.2	29.6	27.7	29.5	28.3	32.5	30.3	---	---	28.1	27.5
23	24.8	23.3	30.0	28.0	30.3	27.9	32.1	30.4	---	---	28.5	27.4
24	23.5	21.8	29.3	27.9	29.3	27.6	32.5	30.5	33.7	31.4	29.2	27.6
25	23.1	20.5	29.5	27.6	30.4	27.3	32.4	30.7	32.8	31.1	29.4	27.7
26	22.6	21.6	28.9	27.4	30.8	28.5	31.9	30.8	31.7	28.8	29.7	27.7
27	23.4	21.8	29.3	27.2	30.8	29.4	33.2	30.7	29.8	28.7	30.0	28.0
28	24.1	21.1	30.2	27.7	30.7	29.1	33.0	30.9	30.6	29.0	29.6	28.1
29	24.8	22.4	31.1	28.3	29.9	29.2	32.4	31.2	30.8	29.6	29.5	27.7
30	25.4	23.4	31.4	29.2	30.2	28.7	32.2	30.2	31.1	30.0	29.7	28.3
31	---	---	30.8	28.7	---	---	32.1	30.3	31.0	30.3	---	---
MONTH	25.4	18.7	31.4	22.9	31.9	26.5	33.2	27.1	---	---	32.0	27.2

Figure 12--Location of stream gaging stations in the Alafia and Hillsborough River Basins, Tampa Bay and Coastal area.

02300700 BULLFROG CREEK NEAR WIMAUMA, FL

LOCATION.--Lat 27°47'30", long 82°21'08" (1927 North American datum), in SE$^{1}/_{4}$ sec.12, T.31 S., R.19 E., Hillsborough County, Hydrologic Unit 03100206, near center of span on downstream side of bridge on State Highway 672-S, 0.6 mi downstream from Little Bullfrog Creek, 6.0 mi northwest of Wimauma, and 8.7 mi upstream from mouth.

DRAINAGE AREA.--29.1 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--September 1956 to November 1958; 1959-74 (annual maximum); April 1977 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark). Prior to September 1974, nonrecording gage at same site and datum.

REMARKS.--Records good except those for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	82	6.0	27	24	16	76	17	87	34	492	47	37
2	62	5.6	23	24	14	46	20	84	45	285	34	33
3	50	5.2	24	21	13	33	17	67	54	93	27	29
4	41	4.7	19	20	13	31	18	40	75	43	22	24
5	36	5.3	17	18	13	28	17	31	81	31	18	19
6	31	5.0	17	16	13	26	15	25	81	25	15	18
7	28	5.0	18	15	11	22	22	20	55	23	14	15
8	25	4.6	16	14	11	19	28	16	38	20	13	13
9	22	4.4	16	15	11	24	20	15	31	113	17	13
10	18	4.3	16	15	11	26	19	12	31	187	21	12
11	24	4.3	16	15	11	29	16	10	109	179	19	11
12	40	4.5	15	15	12	24	14	9.2	120	146	22	11
13	50	4.3	14	14	12	21	19	8.2	90	170	28	9.3
14	37	4.2	12	99	12	18	13	7.9	52	222	23	8.5
15	29	4.1	11	227	14	15	11	7.3	38	164	22	8.8
16	25	4.2	11	208	13	29	10	6.6	29	117	19	8.9
17	22	4.2	11	89	11	380	9.8	6.5	23	188	19	8.6
18	19	4.0	11	56	9.9	665	9.5	6.5	20	160	22	8.1
19	16	4.3	11	42	11	406	9.0	6.8	17	105	33	8.0
20	14	4.6	12	34	13	126	9.0	7.2	14	70	55	7.7
21	13	4.0	13	29	13	66	7.9	7.1	15	58	31	11
22	14	3.9	12	27	11	54	6.4	5.8	14	62	27	16
23	12	3.9	12	27	12	89	6.1	5.2	34	63	45	16
24	10	6.1	12	24	9.4	74	6.3	4.7	58	66	114	14
25	9.2	54	37	23	11	59	5.9	4.7	36	147	63	12
26	9.4	87	75	21	14	46	7.2	5.0	27	105	40	9.4
27	7.3	66	99	22	59	36	45	4.9	26	85	59	9.9
28	7.7	52	63	22	72	32	33	4.5	78	56	98	23
29	7.9	41	42	20	---	26	31	3.7	357	52	103	39
30	6.8	33	32	20	---	22	21	4.3	396	61	62	68
31	6.2	---	27	18	---	20	---	12	---	59	45	---
TOTAL	774.5	443.7	741	1,234	446.3	2,568	483.1	535.1	2,078	3,647	1,177	521.2
MEAN	25.0	14.8	23.9	39.8	15.9	82.8	16.1	17.3	69.3	118	38.0	17.4
MAX	82	87	99	227	72	665	45	87	396	492	114	68
MIN	6.2	3.9	11	14	9.4	15	5.9	3.7	14	20	13	7.7
CFSM	0.86	0.51	0.82	1.37	0.55	2.85	0.55	0.59	2.38	4.04	1.30	0.60
IN.	0.99	0.57	0.95	1.58	0.57	3.28	0.62	0.68	2.66	4.66	1.50	0.67

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1957 - 2005, BY WATER YEAR (WY)

MEAN	30.5	20.5	32.5	36.7	40.2	52.1	24.9	20.0	43.6	55.1	70.9	108
MAX	102	92.3	251	138	233	191	108	86.8	215	187	188	394
(WY)	(1996)	(1998)	(1998)	(2003)	(1998)	(1987)	(1958)	(1991)	(1982)	(1991)	(1995)	(2004)
MIN	5.94	1.17	0.56	2.51	1.86	12.6	4.85	1.39	3.18	10.8	9.28	8.52
(WY)	(1979)	(1957)	(1957)	(1957)	(1957)	(2000)	(2002)	(2000)	(1979)	(1979)	(1993)	(1958)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1957 - 2005	
ANNUAL TOTAL	23,730.5		14,648.9			
ANNUAL MEAN	64.8		40.1		44.6	
HIGHEST ANNUAL MEAN					90.0	1998
LOWEST ANNUAL MEAN					21.9	1980
HIGHEST DAILY MEAN	2,210	Sep 6	665	Mar 18	3,730	Sep 15, 2001
LOWEST DAILY MEAN	2.6	Jun 6	3.7	May 29	0.00	Oct 21, 1957
ANNUAL SEVEN-DAY MINIMUM	3.1	Jun 1	4.1	Nov 17	0.00	Jun 10, 1958
MAXIMUM PEAK FLOW			715	Mar 18	5,200	Sep 11, 1960
MAXIMUM PEAK STAGE			26.35	Mar 18	30.64	Sep 27, 1997
ANNUAL RUNOFF (CFSM)	2.23		1.38		1.53	
ANNUAL RUNOFF (INCHES)	30.34		18.73		20.81	
10 PERCENT EXCEEDS	118		86		83	
50 PERCENT EXCEEDS	16		20		17	
90 PERCENT EXCEEDS	4.8		6.3		5.9	

02300700 BULLFROG CREEK NEAR WIMAUMA, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1957-58, 1966-75, 1977-83, 1992 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Color, water, fltrd, Pt-Co units (00080)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
DEC													
01...	0740	18.59	14	--	--	8.1	7.3	369	18.7	--	--	--	--
FEB													
08...	1345	18.65	11	--	766	9.0	7.1	338	18.4	--	--	--	--
APR													
12...	1420	18.94	14	50	762	8.3	7.6	418	23.1	37.4	16.2	8.08	16.9
MAY													
18...	1215	18.52	6.9	--	--	--	--	--	--	--	--	--	--
JUL													
20...	1445	20.48	65	--	--	6.5	7.6	420	28.1	--	--	--	--
AUG													
31...	1215	19.98	44	88	--	6.9	7.3	276	27.8	24.2	8.86	9.05	9.50

Date	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, wat unf by analysis, mg/L (62855)	Strontium, water, fltrd, ug/L (01080)
DEC												
01...	--	--	--	--	--	E.03	.10	<.008	.16	.17	.64	--
FEB												
08...	--	--	--	--	--	<.04	.09	E.004	.16	--	--	--
APR												
12...	35.4	.3	6.19	94.5	265	.06	.15	.013	.17	.23	.74	793
MAY												
18...	--	--	--	--	--	<.04	<.06	<.008	.16	.20	.54	--
JUL												
20...	--	--	--	--	--	--	--	--	--	--	--	--
AUG												
31...	19.4	.3	7.85	52.1	198	.04	.19	E.006	.30	.40	1.01	360

02300700 BULLFROG CREEK NEAR WIMAUMA, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--March 1993 to September 2005 (discontinued).

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15--minute interval, mounted on a 2-inch diameter pipe with the top of funnel 15 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2002 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.65	1.43	0.00	0.00	0.44
2	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.55	0.00	0.00	0.03
3	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.08	0.06	0.00	0.25
4	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.25	1.17	0.00	0.48	0.00
5	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.13
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.04	0.00	0.03	0.00
8	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.72	0.01	0.01	0.00
9	0.00	0.06	0.00	0.00	0.00	0.56	0.00	0.00	0.21	1.98	0.07	0.00
10	0.00	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.47	0.37	0.01	0.00
11	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.10	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.03	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.11	0.00	0.00
14	0.00	0.00	0.00	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00
15	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.47	0.03	0.00
16	0.00	0.00	0.00	0.00	0.00	1.74	0.00	0.07	0.05	1.17	0.00	0.00
17	0.00	0.00	0.02	0.00	0.00	1.86	0.00	0.00	0.01	0.00	0.01	0.00
18	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.16	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	1.10	0.00
20	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.16
21	0.14	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.11	0.12	0.27	0.84
22	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.04	0.33	0.07	0.11
23	0.00	0.00	0.05	0.01	0.00	0.41	0.04	0.00	1.11	0.00	2.20	0.02
24	0.00	1.16	0.01	0.00	0.00	0.00	0.00	0.00	0.01	1.81	0.16	0.00
25	0.00	0.16	1.47	0.00	0.74	0.00	0.00	0.00	0.00	0.01	0.00	0.16
26	0.00	0.00	0.00	0.00	0.05	0.00	1.26	0.00	0.00	0.00	0.06	0.00
27	0.00	0.34	0.00	0.00	1.32	0.00	0.34	0.00	0.20	0.00	0.93	0.86
28	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.00	1.76	0.18	0.25	0.57
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.07	1.29	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.13	1.50	0.10	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.86	---	0.00	0.00	---
TOTAL	0.84	2.00	1.57	1.45	2.14	5.18	3.10	3.09	10.52	8.42	6.08	3.57

CAL YR 2004 TOTAL 53.96
WTR YR 2005 TOTAL 47.96

02300703 BULLFROG CREEK NEAR RIVERVIEW, FL.

LOCATION.--Lat 27° 50'05", long 82° 20'47" (1927 North American datum), in SE$^{1}/_{4}$ sec.30, T.30 S., R.20 E., Hillsborough County, Hydrologic Unit 03100206, on downstream side of bridge on Symmes Road, and 2.5 mi southeast of Riverview.

DRAINAGE AREA.--36.3 mi^2.

PERIOD OF RECORD.--July 2003 to current year (tidal high-high and low-low).

GAGE.--Water-stage recorder. Datum of gage is 10.68 ft below North American Vertical Datum of 1988.

REMARKS.--Interruptions in record were due to days in which a tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum represent gage height tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 22.93 ft, Sept. 7, 2004; minimum, 10.43 ft, June 26 and 27, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.95 ft, Jan. 16; minimum, 11.00 ft, Dec. 16-18.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	13.37	---	12.32	---	12.07	---	11.48	11.38	---	---	---	---
2	12.92	12.51	12.37	---	---	---	11.52	11.37	---	---	---	---
3	12.60	---	12.02	---	---	---	11.46	11.30	---	---	---	---
4	12.45	---	---	---	---	---	11.52	11.29	---	---	---	---
5	12.23	11.90	12.19	---	---	---	11.64	11.28	---	---	---	---
6	12.01	---	---	---	11.51	---	11.75	11.17	---	---	---	---
7	---	---	---	---	11.85	11.20	11.82	11.14	---	---	---	---
8	11.87	11.77	---	---	11.61	11.17	11.88	11.10	---	---	---	---
9	12.17	11.78	---	---	11.47	11.18	---	11.07	---	---	---	---
10	12.23	11.81	---	---	12.23	11.21	11.88	11.10	---	---	---	---
11	12.49	11.81	---	---	12.31	11.22	12.07	11.08	---	---	---	---
12	12.48	11.96	12.23	11.81	11.49	11.17	12.40	11.14	---	---	---	---
13	12.75	12.08	13.07	---	11.98	11.13	12.35	11.08	---	---	---	---
14	12.49	11.85	12.35	11.81	12.10	11.07	13.87	11.43	---	---	---	---
15	12.67	11.83	---	---	---	---	---	12.98	---	---	---	---
16	12.29	---	---	---	11.07	11.00	14.95	---	---	---	---	---
17	12.28	11.81	11.90	---	11.04	11.00	---	---	---	---	---	---
18	12.37	11.81	---	---	11.15	11.00	---	---	---	---	---	---
19	12.50	11.80	---	---	11.24	11.01	11.83	11.69	---	---	---	---
20	12.31	11.80	---	---	11.09	11.03	---	---	---	---	---	---
21	11.89	---	---	---	11.41	11.06	---	---	---	---	---	---
22	---	---	---	---	---	11.05	---	---	---	---	---	---
23	11.87	---	11.98	---	11.81	11.03	---	---	---	---	---	---
24	12.12	11.81	12.30	---	11.29	11.02	---	---	---	---	---	---
25	12.00	11.81	13.28	12.05	11.29	11.09	---	---	---	---	---	---
26	11.86	---	12.57	12.55	13.15	12.12	---	---	---	---	---	---
27	---	---	12.69	12.18	12.78	---	---	---	---	---	---	---
28	11.91	---	13.14	11.91	---	11.93	---	---	---	---	---	---
29	12.23	---	12.03	---	11.96	11.65	---	---	---	---	---	---
30	12.29	---	12.03	---	11.78	11.52	---	---	---	---	---	---
31	12.39	---	---	---	11.75	11.41	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

02300995 THIRTYMILE CREEK NEAR NICHOLS, FL.

LOCATION.--Lat 27°52'47", long 82°02'56" (1927 North American datum), in SW$^{1}/_{4}$ sec.7, T.30 S., R.23 E., Polk County, Hydrologic Unit 03100204, on downstream side of bridge, 3.8 mi south of Nichols, and 4.6 mi southwest of Mulberry.

DRAINAGE AREA.--3.27 mi^2.

PERIOD OF RECORD.--October 2000 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 59.47 ft above North American Vertical Datum of 1988.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 14.62 ft, Sept. 26, 2004; minimum, 8.71 ft, June 5, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.75 ft, July 14; minimum, 10.75 ft, May 30.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.83	11.56	10.97	11.03	11.09	11.11	12.20	12.33	11.75	12.98	13.01	12.27
2	12.65	11.73	10.96	10.97	10.95	11.03	12.46	12.18	12.37	12.83	12.92	12.45
3	12.76	---	10.95	11.01	10.94	11.00	12.41	11.61	12.18	13.03	12.93	12.32
4	12.73	---	---	11.45	10.93	11.08	12.46	11.63	11.90	12.70	12.83	11.93
5	13.10	11.07	---	10.99	10.91	11.09	12.51	11.76	12.19	12.59	12.65	11.70
6	12.93	11.37	---	10.96	10.93	11.00	12.43	11.50	11.94	11.93	12.61	11.52
7	12.65	11.03	---	10.95	10.96	10.92	12.48	11.58	12.46	11.57	12.64	11.79
8	12.71	11.00	10.98	10.94	11.21	10.91	12.38	11.21	12.48	11.60	12.96	11.51
9	---	10.96	11.01	10.94	10.97	11.01	12.27	11.09	12.14	12.81	12.75	11.43
10	---	11.00	11.00	10.94	10.94	11.09	12.61	11.28	12.07	12.97	12.74	11.53
11	---	11.03	11.02	10.95	10.94	10.99	12.64	11.18	12.06	12.63	12.52	11.53
12	---	11.29	10.96	10.95	10.92	10.99	12.55	12.02	12.45	12.77	12.30	11.63
13	12.46	11.07	10.99	10.93	10.89	10.92	12.47	11.47	12.12	12.93	11.97	11.68
14	12.43	11.10	11.40	11.80	10.96	10.93	11.99	11.16	12.27	13.09	11.98	11.63
15	12.52	10.98	10.99	11.87	10.91	10.96	12.05	11.38	12.20	13.23	12.27	11.64
16	12.45	11.16	11.13	11.48	11.19	11.07	11.81	11.37	12.30	12.67	12.16	11.58
17	12.44	10.98	10.97	11.34	11.66	12.52	11.98	11.04	12.33	12.72	12.13	11.60
18	12.57	10.95	10.96	11.19	11.64	12.29	12.13	11.84	12.21	12.75	11.81	11.49
19	12.42	10.95	10.95	11.12	11.04	12.27	11.69	11.63	12.02	12.46	11.58	11.96
20	12.57	10.99	10.93	11.06	11.54	11.93	11.51	11.31	12.10	12.53	11.99	11.89
21	12.45	10.97	10.92	11.06	11.11	12.03	11.48	11.65	12.33	12.67	12.19	12.21
22	12.50	11.19	10.93	11.04	10.89	12.05	11.78	11.86	12.35	12.81	11.91	12.19
23	12.01	11.02	10.94	11.05	10.90	12.42	11.10	11.20	12.75	12.70	11.57	12.05
24	11.75	11.02	10.96	10.99	10.89	12.62	11.60	11.33	12.64	12.53	11.49	11.96
25	12.12	11.53	11.30	10.98	10.93	12.06	11.35	11.69	12.33	12.97	11.52	12.00
26	12.13	11.14	11.52	10.98	10.94	11.80	11.12	12.01	12.65	12.76	11.82	12.13
27	12.18	11.57	11.22	10.98	11.43	12.40	11.67	11.84	12.72	12.68	11.88	12.12
28	11.75	11.19	11.13	10.97	11.42	12.16	11.33	11.14	13.02	12.76	12.11	12.05
29	12.35	11.16	11.07	10.98	---	12.47	11.41	11.09	12.74	12.78	12.36	11.86
30	11.40	11.00	11.02	10.95	---	12.44	11.71	10.80	12.82	13.17	12.13	11.81
31	11.53	---	11.02	10.95	---	12.12	---	11.43	---	13.03	12.22	---
MEAN	---	---	---	11.09	11.07	11.60	11.99	11.50	12.33	12.70	12.26	11.85
MAX	---	---	---	11.87	11.66	12.62	12.64	12.33	13.02	13.23	13.01	12.45
MIN	---	---	---	10.93	10.89	10.91	11.10	10.80	11.75	11.57	11.49	11.43

02301000 NORTH PRONG ALAFIA RIVER AT KEYSVILLE, FL

LOCATION.--Lat 27° 53'01", long 82° 06'01" (1927 North American datum), in SW$^{1}/_{4}$ sec.10, T.30 S., R.22 E., Hillsborough County, Hydrologic Unit 03100204, near left bank on upstream side of highway bridge, 0.6 mi north of Keysville, 4.0 mi upstream from confluence with South Prong Alafia River, and 29 mi upstream from mouth of Alafia River at Hillsborough Bay.

DRAINAGE AREA.--135 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1950 to September 1992; October 1992 to September 1995 (discharge measurements only); October 1995 to current year. Monthly discharge only from May 1950, published in WSP 1304.

REVISED RECORDS.--WSP 1905: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 38.56 ft above National Geodetic Vertical Datum of 1929. Prior to May 8, 1974, at same site at same datum; May 8, 1974, to July 13, 1995, at site 300 ft downstream at same datum.

REMARKS.--Records good except those for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	782	143	85	94	80	192	127	188	116	815	548	239
2	737	128	84	91	72	145	160	251	200	747	e420	491
3	667	136	83	88	71	116	211	193	259	698	326	438
4	624	119	75	89	67	127	193	128	252	721	299	297
5	651	108	73	85	65	122	168	121	362	586	262	191
6	713	110	73	83	62	108	168	122	393	437	228	154
7	714	102	74	87	60	95	140	109	408	290	206	147
8	654	99	77	88	75	88	186	100	673	243	238	127
9	597	94	78	88	92	85	157	85	893	387	377	108
10	529	97	80	89	92	115	158	81	657	648	356	103
11	492	94	82	86	87	107	171	75	681	751	280	97
12	474	97	79	85	81	90	156	110	634	718	223	89
13	459	97	72	84	77	83	163	94	737	676	177	87
14	420	100	77	204	74	78	141	66	808	871	148	81
15	401	96	69	426	71	93	118	55	629	1,160	135	76
16	404	90	69	452	71	107	87	55	484	771	139	72
17	377	87	68	328	82	357	87	42	494	582	110	68
18	359	83	68	245	85	688	89	119	427	497	97	62
19	349	76	67	190	87	665	82	136	351	396	69	68
20	315	60	64	158	85	515	62	74	287	297	74	77
21	318	55	61	140	92	364	54	59	289	306	88	91
22	314	55	63	127	79	302	54	60	366	438	91	130
23	300	61	63	122	75	284	53	52	606	419	102	113
24	231	59	64	112	76	337	61	38	563	339	71	97
25	210	111	88	107	72	357	103	46	620	993	57	88
26	209	126	225	97	76	252	64	60	529	1,010	81	90
27	193	109	200	94	126	224	165	58	522	667	87	99
28	182	114	149	90	223	215	230	47	693	538	137	135
29	156	100	125	90	---	175	187	36	763	467	219	167
30	199	89	109	88	---	178	126	31	865	e650	210	143
31	138	---	99	84	---	149	---	43	---	e665	147	---
TOTAL	13,168	2,895	2,743	4,291	2,355	6,813	3,921	2,734	15,561	18,783	6,002	4,225
MEAN	425	96.5	88.5	138	84.1	220	131	88.2	519	606	194	141
MAX	782	143	225	452	223	688	230	251	893	1,160	548	491
MIN	138	55	61	83	60	78	53	31	116	243	57	62
AC-FT	26,120	5,740	5,440	8,510	4,670	13,510	7,780	5,420	30,870	37,260	11,900	8,380

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 2005, BY WATER YEAR (WY)

MEAN	148	98.7	113	126	140	164	91.7	79.9	139	202	266	299
MAX	481	299	669	526	712	884	412	467	570	664	669	1,292
(WY)	(1953)	(1954)	(1998)	(2003)	(1998)	(1959)	(1959)	(1979)	(2003)	(1960)	(1959)	(2004)
MIN	38.1	17.2	17.5	21.1	22.5	28.1	18.3	6.90	12.8	51.1	52.4	38.7
(WY)	(2001)	(2001)	(2001)	(2001)	(2001)	(1999)	(1985)	(2001)	(1951)	(1950)	(1950)	(1990)

02301000 NORTH PRONG ALAFIA RIVER AT KEYSVILLE, FL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1950 - 2005	
ANNUAL TOTAL	100,283		83,491			
ANNUAL MEAN	274		229		156	
HIGHEST ANNUAL MEAN					370	1959
LOWEST ANNUAL MEAN					62.9	2000
HIGHEST DAILY MEAN	7,470	Sep 6	1,160	Jul 15	8,200	Sep 11, 1960
LOWEST DAILY MEAN	19	May 31	31	May 30	3.9	May 17, 1952
ANNUAL SEVEN-DAY MINIMUM	20	May 27	45	May 24	4.9	May 27, 1953
MAXIMUM PEAK FLOW			1,690	Jul 25	9,570	Sep 11, 1960
MAXIMUM PEAK STAGE			11.16	Jul 25	15.86	Sep 11, 1960
ANNUAL RUNOFF (AC-FT)	198,900		165,600		112,900	
10 PERCENT EXCEEDS	670		626		310	
50 PERCENT EXCEEDS	100		125		90	
90 PERCENT EXCEEDS	44		67		33	

e Estimated

02301000 NORTH PRONG ALAFIA RIVER AT KEYSVILLE, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1965 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Color, water, fltrd, Pt-Co units (00080)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
DEC													
01...	1020	2.48	41	--	--	6.2	7.2	795	19.6	--	--	--	--
FEB													
09...	0915	3.04	92	--	763	7.6	7.1	552	17.2	--	--	--	--
APR													
13...	0944	4.15	163	25	757	6.4	7.5	550	22.4	35.9	12.7	4.41	57.3
MAY													
16...	0855	2.58	54	--	--	6.2	7.8	695	23.0	--	--	--	--
JUL													
18...	1035	7.45	510	--	--	4.9	6.8	419	27.2	--	--	--	--
AUG													
29...	1030	5.26	221	100	--	6.2	7.2	371	26.8	27.8	8.78	5.95	29.7

Date	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitrogen, wat unf by analysis, mg/L (62855)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Aluminum, water, unfltrd recoverable, ug/L (01105)	Arsenic water unfltrd ug/L (01002)
DEC													
01...	--	--	--	--	--	.08	4.22	.188	4.57	3.14	2.75	--	--
FEB													
09...	--	--	--	--	--	E.02	1.21	.010	--	2.37	--	--	--
APR													
13...	26.3	1.9	6.03	138	354	E.02	1.20	E.006	1.83	2.45	2.92	--	--
MAY													
16...	--	--	--	--	--	.07	1.66	.021	2.32	2.98	3.52	--	--
JUL													
18...	--	--	--	--	--	E.04	.62	.016	1.41	2.92	3.07	--	--
AUG													
29...	25.3	1.2	8.81	61.2	249	E.03	.74	.015	1.57	1.67	2.19	368	2.9

Date	Cadmium water, unfltrd ug/L (01027)	Chromium, water, unfltrd recoverable, ug/L (01034)	Copper, water, unfltrd recoverable, ug/L (01042)	Iron, water, unfltrd recoverable, ug/L (01045)	Lead, water, unfltrd recoverable, ug/L (01051)	Mercury water, unfltrd recoverable, ug/L (71900)	Nickel, water, unfltrd recoverable, ug/L (01067)	Strontium, water, fltrd, ug/L (01080)	Zinc, water, unfltrd recoverable, ug/L (01092)
DEC									
01...	--	--	--	--	--	--	--	--	--
FEB									
09...	--	--	--	--	--	--	--	--	--
APR									
13...	--	--	--	--	--	--	--	115	--
MAY									
16...	--	--	--	--	--	--	--	--	--
JUL									
18...	--	--	--	--	--	--	--	--	--
AUG									
29...	.09	1.3	2.4	590	.63	E.01	1.86	74.9	7

02301300 SOUTH PRONG ALAFIA RIVER NEAR LITHIA, FL.

LOCATION.--Lat 27°47'47", long 82°07'04" (1927 North American datum), in SW 1/4 sec.9, T.31 S., R.22 E., Hillsborough County, Hydrologic Unit 03100204, on right bank, 12 ft upstream from bridge on county road, 1.5 mi upstream from Halls Branch, 5.0 mi southeast of Lithia, and 7.6 mi upstream from mouth.

DRAINAGE AREA.--107 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1962 to current year.

GAGE.--Water-stage recorder. Datum of gage is 40.00 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 13, 1965, at datum 41.56 ft lower; Oct. 13, 1965, to Apr. 11, 1975, at datum 10.00 ft higher; Nov. 29, 1971, to July 25, 1972, nonrecording gage. Prior to July 25, 1972, at site 12 ft downstream; July 25, 1972, to Dec. 17, 1973, at site 60 ft upstream.

REMARKS.--Records good. WDR 1992 through WDR 2002 period of record gage height at present datum. Maximum discharge, 855 ft^3/s, Oct. 1, stage falling, peak occurred Sept. 27, 2004; maximum peak discharge, 483 ft^3/s June 13, gage height, 15.34 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	786	169	58	85	95	217	169	81	92	237	125	75
2	674	159	55	80	91	214	169	99	148	218	128	77
3	581	151	53	74	88	198	167	97	172	189	133	72
4	535	144	50	69	86	193	162	89	198	165	124	63
5	501	139	48	68	82	183	149	101	285	142	109	57
6	470	135	45	68	78	167	142	107	337	121	101	57
7	454	132	43	68	79	151	139	109	317	104	138	49
8	447	128	43	66	78	134	140	104	311	91	166	46
9	433	123	42	64	78	125	129	90	349	139	173	45
10	415	118	43	63	74	137	121	77	297	210	158	42
11	408	111	49	65	69	134	114	63	317	238	123	38
12	427	104	46	66	63	130	105	56	370	236	93	32
13	417	98	43	68	60	121	100	55	459	238	72	28
14	399	92	40	183	57	111	95	58	404	237	60	27
15	382	87	37	227	52	98	86	59	345	231	70	26
16	370	82	35	229	51	93	75	58	303	227	60	25
17	357	77	34	218	50	233	70	52	266	228	49	25
18	345	69	34	205	44	298	60	101	236	253	43	24
19	326	63	38	193	42	352	55	103	208	253	40	24
20	309	57	39	184	43	314	51	76	182	240	39	24
21	297	54	38	178	37	296	41	57	181	224	42	28
22	286	50	38	177	34	314	34	47	189	196	59	33
23	278	48	40	171	35	309	30	45	187	174	161	36
24	266	47	40	156	36	302	28	47	171	160	155	38
25	256	78	64	144	53	285	26	50	163	155	115	38
26	240	77	137	133	89	273	25	49	145	154	93	36
27	221	71	157	128	132	257	50	45	135	148	76	36
28	203	72	149	124	189	239	53	38	144	140	69	62
29	191	67	125	119	---	222	49	34	167	132	70	107
30	185	62	105	110	---	204	48	33	209	121	74	138
31	178	---	92	102	---	188	---	39	---	116	76	---
TOTAL	11,637	2,864	1,860	3,885	1,965	6,492	2,682	2,119	7,287	5,717	2,994	1,408
MEAN	375	95.5	60.0	125	70.2	209	89.4	68.4	243	184	96.6	46.9
MAX	786	169	157	229	189	352	169	109	459	253	173	138
MIN	178	47	34	63	34	93	25	33	92	91	39	24
AC-FT	23,080	5,680	3,690	7,710	3,900	12,880	5,320	4,200	14,450	11,340	5,940	2,790

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2005, BY WATER YEAR (WY)

MEAN	116	62.7	63.2	85.0	85.9	86.7	63.2	43.2	90.3	138	194	201
MAX	375	205	339	325	396	403	395	175	456	768	673	776
(WY)	(2005)	(1996)	(1998)	(1998)	(1998)	(1998)	(1973)	(1979)	(2003)	(1968)	(1967)	(2004)
MIN	8.80	3.74	5.36	6.99	6.07	6.53	2.59	0.31	6.07	10.1	8.40	23.0
(WY)	(2001)	(2001)	(2001)	(2001)	(2001)	(2000)	(2000)	(2000)	(2000)	(2000)	(2000)	(1990)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1964 - 2005	
ANNUAL TOTAL	69,077.5		50,910			
ANNUAL MEAN	189		139		103	
HIGHEST ANNUAL MEAN					212	2003
LOWEST ANNUAL MEAN					31.0	1985
HIGHEST DAILY MEAN	2,150	Sep 6	786	Oct 1	2,430	Aug 14, 1967
LOWEST DAILY MEAN	6.6	Jun 4	24	Sep 18	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	7.7	Jun 2	25	Sep 14	0.00	May 18, 2000
MAXIMUM PEAK FLOW			483	Jun 13	2,630	Sep 6, 2004
MAXIMUM PEAK STAGE			15.34	Jun 13	*17.93	Sep 7, 1988
ANNUAL RUNOFF (AC-FT)	137,000		101,000		74,310	
10 PERCENT EXCEEDS	458		297		230	
50 PERCENT EXCEEDS	82		104		58	
90 PERCENT EXCEEDS	37		39		14	

*Present datum

02301300 SOUTH PRONG ALAFIA RIVER NEAR LITHIA, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1965 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)
DEC 01...	0940	11.88	58	--	6.3	7.5	331	19.7	E.03	.53	E.005
FEB 08...	1235	12.29	79	--	7.0	7.2	402	17.6	<.04	.21	E.004
APR 13...	0910	12.69	102	756	6.0	7.6	358	22.4	E.02	.18	<.008
MAY 16...	0950	11.89	59	--	--	--	--	--	<.04	.25	<.008
JUL 18...	0945	14.45	253	--	4.5	7.1	227	27.2	E.02	.07	<.008
AUG 29...	0945	12.13	70	--	5.1	7.1	303	27.6	.04	.25	E.007

Date	Total nitrogen, wat unf by analysis, mg/L (62855)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)
DEC 01...	1.17	.85	.82
FEB 08...	--	1.19	--
APR 13...	.82	.80	.82
MAY 16...	.91	.62	.68
JUL 18...	.85	.71	.79
AUG 29...	1.02	.72	.78

<--Less than
E--Estimated

02301500 ALAFIA RIVER AT LITHIA, FL.

LOCATION.--Lat 27° 52'19", long 82° 12'41" (1927 North American datum), in NE 1/ 4 sec.16, T.30 S., R.21 E., Hillsborough County, Hydrologic Unit 03100204, near center of span on downstream side of bridge on State Highway 640, 2.0 mi upstream from Little Fishhawk Creek, 4.3 mi west of Lithia, and 16 mi upstream from mouth.

DRAINAGE AREA.--335 mi^2, approximately.

PERIOD OF RECORD.--October 1932 to current year. Monthly discharge only prior to February 1933, published in WSP 1304.

REVISED RECORDS.--WSP 782: 1933(M). WSP 1234: Drainage area. WSP 1274: 1933-35, 1939, 1945, 1947-50.

GAGE.--Water-stage recorder. Datum of gage is 7.00 ft above National Geodetic Vertical Datum of 1929. Prior to Aug. 8, 1939, nonrecording gage at site 200 ft upstream; Aug. 8, 1939, to Sept. 5, 1963, water-stage recorder at site 60 ft downstream; Sept. 6, 1963, to Oct. 14, 1965, water-stage recorder at site 50 ft downstream. Prior to Oct. 14, 1965, at datum 2.86 ft higher.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Maximum discharge from rating curve extended above 21,000 ft^3/s. Maximum gage height from floodmarks. WDR 1992 through WDR 2002 period of record gage height at present datum. Maximum discharge, 2,570 ft^3/s (estimated daily), Oct. 1, stage falling, peak of Sept. 28, 2004; maximum peak discharge, 1,760 ft^3/s, July 15, gage height, 13.06 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e2,570	e380	201	225	220	446	379	290	178	1,380	833	373
2	e2,170	e360	191	213	211	400	379	445	361	1,260	663	534
3	e1,830	e340	185	203	203	364	465	375	453	1,120	553	583
4	e1,560	e335	174	193	200	361	428	291	457	949	498	482
5	e1,400	e310	166	191	194	363	386	264	602	861	478	360
6	e1,360	e300	162	180	186	333	361	281	686	679	436	298
7	e1,420	e310	155	183	181	303	341	269	645	527	407	270
8	e1,360	e295	155	187	179	277	361	253	723	436	461	247
9	e1,270	e285	e160	182	200	257	369	225	901	627	554	205
10	e1,150	e275	e160	183	203	297	323	201	1,100	984	619	183
11	e1,060	e270	e170	176	194	306	329	181	1,020	1,090	560	169
12	e971	e270	e165	174	179	274	313	205	1,350	1,030	460	147
13	e968	e265	e160	173	171	254	305	207	1,480	997	397	129
14	e933	e260	e150	336	165	243	319	166	1,180	1,590	341	120
15	e876	e255	135	670	157	246	258	149	1,100	1,710	323	112
16	e830	e235	122	692	150	262	229	153	858	1,530	285	108
17	e790	e220	125	601	149	643	194	158	720	1,120	257	102
18	e750	e208	124	502	160	1,110	190	175	663	861	220	97
19	e705	201	127	434	150	1,090	180	289	580	840	192	87
20	e660	183	126	391	141	973	150	225	518	761	188	103
21	e640	166	121	360	153	797	131	163	543	700	192	115
22	e610	161	123	344	136	727	114	140	626	721	233	180
23	e595	160	128	340	126	721	110	134	1,230	745	341	188
24	e560	159	130	328	128	730	98	110	1,210	687	367	166
25	e510	224	156	306	127	732	139	115	846	874	315	149
26	e500	303	390	284	166	660	119	121	765	1,350	296	142
27	e475	252	416	268	241	564	215	133	736	1,490	282	150
28	e455	260	365	258	452	542	332	117	1,320	1,000	285	209
29	e415	249	322	254	---	483	300	89	1,340	770	378	269
30	e415	219	282	249	---	451	229	75	1,240	744	392	305
31	e390	---	247	236	---	425	---	80	---	904	334	---
TOTAL	30,198	7,710	5,793	9,316	5,122	15,634	8,046	6,079	25,431	30,337	12,140	6,582
MEAN	974	257	187	301	183	504	268	196	848	979	392	219
MAX	2,570	380	416	692	452	1,110	465	445	1,480	1,710	833	583
MIN	390	159	121	173	126	243	98	75	178	436	188	87
MED	830	260	160	254	175	425	303	175	751	904	367	174
AC-FT	59,900	15,290	11,490	18,480	10,160	31,010	15,960	12,060	50,440	60,170	24,080	13,060
CFSM	2.91	0.77	0.56	0.90	0.55	1.51	0.80	0.59	2.53	2.92	1.17	0.65
IN.	3.35	0.86	0.64	1.03	0.57	1.74	0.89	0.68	2.82	3.37	1.35	0.73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1933 - 2005, BY WATER YEAR (WY)

MEAN	351	184	198	246	272	305	193	128	305	519	629	750
MAX	1,374	718	1,463	1,023	1,698	1,874	900	748	1,116	2,696	2,319	4,185
(WY)	(1939)	(1954)	(1998)	(2003)	(1998)	(1959)	(1959)	(1957)	(2003)	(1945)	(1949)	(1933)
MIN	50.9	28.0	31.8	38.7	33.1	35.4	25.0	9.66	27.0	80.6	138	74.5
(WY)	(1941)	(1941)	(2001)	(2001)	(2001)	(1935)	(1945)	(2001)	(1951)	(1956)	(1989)	(1990)

02301500 ALAFIA RIVER AT LITHIA, FL.—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1933 - 2005	
ANNUAL TOTAL	203,737		162,388			
ANNUAL MEAN	557		445		340	
HIGHEST ANNUAL MEAN					845	1960
LOWEST ANNUAL MEAN					121	2000
HIGHEST DAILY MEAN	9,820	Sep 7	2,570	Oct 1	40,800	Sep 7, 1933
LOWEST DAILY MEAN	24	Jun 1	75	May 30	4.1	May 30, 2000
ANNUAL SEVEN-DAY MINIMUM	26	May 29	103	Sep 15	4.2	May 30, 2000
MAXIMUM PEAK FLOW			1,760	Jul 15	45,900	Sep 7, 1933
MAXIMUM PEAK STAGE			13.06	Jul 15	*28.50	Sep 7, 1933
ANNUAL RUNOFF (AC-FT)	404,100		322,100		246,600	
ANNUAL RUNOFF (CFSM)	1.66		1.33		1.02	
ANNUAL RUNOFF (INCHES)	22.62		18.03		13.81	
10 PERCENT EXCEEDS	1,330		998		733	
50 PERCENT EXCEEDS	232		300		176	
90 PERCENT EXCEEDS	101		136		55	

e Estimated
*Present datum

02301500 ALAFIA RIVER AT LITHIA, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--June 1994 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15-minute interval, mounted on platform over the stream next to the gage structure. It is approximately 4 ft below and 5 ft upstream of the bridge rail.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2002 not published but are available in the files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.44	1.06	0.41	0.00	0.01
2	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.00	0.79	0.00	0.00	0.63
3	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.33	0.24	0.00	0.13
4	0.04	0.00	0.00	0.00	0.04	0.01	0.00	0.08	1.16	0.00	0.00	0.00
5	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.06	0.14	0.00	0.01	0.54
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.07	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.16	0.00	0.05	0.12
8	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.06	1.79	0.68	0.00
9	0.00	0.14	0.00	0.00	0.00	0.57	0.00	0.00	0.47	1.40	0.07	0.00
10	0.00	0.00	0.05	0.00	0.04	0.00	0.00	0.00	0.26	0.28	0.03	0.00
11	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.16	2.12	0.12	0.00	0.00
12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.00	0.00	0.00
13	0.00	0.27	0.00	0.00	0.00	0.00	0.42	0.00	0.00	0.71	0.00	0.00
14	0.00	0.00	0.00	2.08	0.00	0.03	0.00	0.00	0.00	0.05	1.00	0.00
15	0.04	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.05	0.00	0.00
16	0.00	0.01	0.00	0.02	0.00	1.62	0.00	0.13	0.00	0.20	0.00	0.00
17	0.00	0.00	0.01	0.00	0.00	1.49	0.00	0.77	0.00	0.00	0.00	0.00
18	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00
19	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00
20	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.36	0.00	0.16
21	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.10	0.01	0.37	0.25
22	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	2.11	0.02	1.15	0.05
23	0.00	0.00	0.02	0.01	0.02	0.25	0.15	0.00	0.33	0.00	0.00	0.00
24	0.00	0.75	0.01	0.00	0.00	0.00	0.00	0.00	0.00	1.20	0.00	0.00
25	0.00	0.30	1.33	0.00	0.39	0.06	0.00	0.00	0.00	0.00	0.02	0.00
26	0.00	0.00	0.01	0.00	0.08	0.00	1.09	0.00	0.00	0.00	0.00	0.34
27	0.00	0.36	0.00	0.00	1.44	0.00	0.29	0.00	1.79	0.00	0.22	0.21
28	0.00	0.01	0.00	0.11	0.00	0.03	0.00	0.00	0.82	0.02	0.18	0.18
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.29	0.00	0.11	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.36	0.07	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.75	---	0.56	0.04	---
TOTAL	0.61	1.95	1.44	2.33	2.01	4.59	2.87	3.64	12.97	7.49	4.80	2.62

CAL YR 2004 TOTAL 59.79
WTR YR 2005 TOTAL 47.32

02301600 LITHIA SPRINGS NEAR LITHIA, FL.

LOCATION.--Lat 27° 52'00", long 82° 13'50" (1927 North American datum), in SW$^1/_4$ sec.17, T.30 S., R.21 E., Hillsborough County, Hydrologic Unit 03100204, 500 ft upstream from Alafia River, and 5.3 mi northwest of Lithia.

PERIOD OF RECORD.--1934, 1935, 1941, 1943, 1946, 1954, 1960 (one discharge measurement in each year); April 1956 to September 1958; June 1966 to current year (discharge measurements only).

GAGE.--Nonrecording gage.

REMARKS.--Total discharge of springs consists of discharge from a major spring and a minor spring into the Alafia River through separate runs and diversion by pumpage from the major sping pool. Discharge is affected by backwater from the Alafia River during medium and high stages. Results of miscellaneous temperature observations prior to October 1977 are no published but are available in file of the Geological Survey.

COOPERATION.--Diverions figures were provided by Mosaic Fertilizer, Inc.

DISCHARGE MEASUREMENTS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Major spring instantaneous discharge (cfs)	Time	Minor spring instantaneous discharge (cfs)	Total flow measured (cfs)	Diversion by pumping (cfs)
Dec. 14	1359	48.0	14:49	8.08	56.1	4.1
Feb. 08	1433	39.0	15:11	6.59	45.6	4.5
Apr. 20	1822	39.3	19:07	6.32	45.6	4.1

02301638 ALAFIA RIVER AT BELL SHOALS NEAR RIVERVIEW, FL.

LOCATION.--Lat 27° 51'31", long 82° 16'26" (1927 North American datum), in NE$^{1}/_{4}$ sec.23, T.30 S., R.20 E., Hillsborough County, Hydrologic Unit 03100204, on right bank, on wooden platform, 1,300 ft downstream from Bell Shoals bridge, 0.7 mi upstream from Bell Creek, 3.6 mi east of Riverview, and 10 mi upstream from mouth.

DRAINAGE AREA.--376 mi^2.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--April 1998 to September 2003 (gage heights only); October 2003 to current year (tidal high-high and low-low only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Interruptions in record were due to days in which a tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low. The extremes for periods published previously as maximum and minimum gage heights are equivalent to tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 19.59 ft, Sept. 7, 2004; minimum, 0.76 ft below NGVD, May 31, June 2, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 9.02 ft, Oct. 1; minimum, 0.12 ft, May 31.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	9.02	---	2.90	1.34	2.27	0.57	1.53	0.64	2.45	0.66	2.13	1.58
2	---	---	2.92	1.31	1.82	0.54	1.60	0.63	2.29	0.61	2.10	1.19
3	6.06	---	2.63	1.22	1.58	0.54	1.59	0.58	2.72	0.57	1.69	1.05
4	4.91	4.80	2.41	1.29	1.44	0.51	1.68	0.57	1.38	0.56	1.99	1.04
5	4.90	4.41	2.68	1.09	1.51	0.49	1.92	0.53	2.02	0.53	2.01	1.09
6	4.65	4.33	1.51	1.03	1.83	0.51	2.05	0.49	2.83	0.51	2.08	0.99
7	4.64	4.32	2.05	1.02	2.13	0.49	2.15	0.50	1.45	0.49	1.68	0.89
8	4.66	4.28	1.91	0.96	1.93	0.47	2.22	0.49	2.94	0.48	2.82	0.83
9	4.63	4.02	1.84	0.85	1.78	0.44	0.96	0.45	3.18	0.56	1.24	0.69
10	4.42	3.75	1.71	0.78	2.55	0.46	2.20	0.47	3.25	0.61	2.01	0.83
11	4.36	3.58	2.27	0.82	2.59	0.45	2.37	0.44	1.54	0.51	2.31	0.89
12	4.06	3.40	3.00	0.81	1.92	0.45	2.70	0.44	1.73	0.47	1.85	0.78
13	4.17	3.39	3.42	0.78	2.27	0.46	2.66	0.47	2.57	0.59	2.23	0.72
14	3.97	3.22	2.81	0.74	2.46	0.37	2.84	1.03	2.21	0.56	1.93	0.62
15	4.08	3.11	1.75	0.71	0.50	0.36	2.88	---	2.02	0.50	1.89	0.82
16	3.73	2.89	2.09	0.67	0.72	0.34	2.61	2.40	2.16	0.42	2.50	0.72
17	3.69	2.78	2.31	0.65	1.16	0.35	---	---	1.91	0.47	---	1.54
18	3.66	2.62	1.90	0.64	1.37	0.36	1.86	1.64	0.92	0.44	4.69	4.54
19	3.70	2.55	1.87	0.65	1.55	0.38	2.13	1.40	1.45	0.37	3.98	3.75
20	3.48	2.42	2.10	0.61	0.88	0.34	2.48	1.20	1.21	0.38	3.69	3.37
21	3.10	2.30	2.06	0.60	1.64	0.32	2.11	1.09	1.80	0.40	---	2.75
22	2.71	2.20	1.90	0.49	2.32	0.31	2.59	1.03	2.01	0.27	3.21	2.39
23	3.01	2.18	2.37	0.46	2.26	0.38	3.11	1.01	1.89	0.27	3.30	2.47
24	3.13	2.06	3.51	0.51	1.78	0.35	1.37	0.94	2.09	0.28	3.30	2.54
25	2.90	1.93	1.92	1.02	1.18	0.35	1.50	0.88	2.08	0.33	3.28	2.49
26	2.78	1.83	2.10	1.03	4.78	1.42	2.47	0.84	1.48	0.33	3.05	2.10
27	2.62	1.73	2.12	0.82	1.74	1.33	2.49	0.77	3.60	0.78	3.24	2.05
28	2.73	1.61	1.55	0.83	1.53	1.13	2.08	0.68	3.09	1.71	3.29	1.88
29	2.90	1.50	1.93	0.79	1.75	0.95	1.81	0.73	---	---	2.57	1.49
30	2.88	1.44	2.13	0.65	1.84	0.77	2.40	0.89	---	---	2.36	1.71
31	3.06	1.41	---	---	1.86	0.71	1.95	0.74	---	---	2.91	1.40
MAX	---	---	3.51	1.34	4.78	1.42	---	---	3.60	1.71	---	4.54
MIN	---	---	1.51	0.46	0.50	0.31	---	---	0.92	0.27	---	0.62

02301638 ALAFIA RIVER AT BELL SHOALS NEAR RIVERVIEW, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	2.99		1.21		3.03		0.63		2.53		0.63		5.46		4.97		---		---		2.85		1.37	
2	2.23		1.05		2.46		1.86		2.84		1.58		5.17		4.07		3.25		1.90		3.24		1.82	
3	2.05		1.37		2.09		1.49		3.09		1.71		4.53		3.62		3.10		1.58		2.91		1.82	
4	2.07		1.35		2.54		0.93		2.87		1.89		4.01		3.12		2.88		1.54		2.44		1.29	
5	1.91		1.15		2.83		0.95		3.63		2.64		3.88		2.67		3.04		1.51		1.96		1.11	
6	2.38		1.14		1.84		0.92		---		---		3.55		---		2.81		1.32		2.19		0.95	
7	2.69		1.08		2.01		0.78		---		---		3.06		1.98		3.10		1.43		2.23		0.92	
8	2.88		1.19		2.65		0.74		---		---		2.88		1.42		2.65		1.24		2.14		0.87	
9	2.40		1.00		2.66		0.62		---		---		4.23		1.65		2.72		1.66		2.03		0.76	
10	2.25		0.90		2.68		1.15		---		---		5.66		---		2.73		2.03		2.07		0.65	
11	2.68		1.00		2.43		0.59		4.70		4.56		4.71		4.09		2.62		1.78		2.05		0.54	
12	3.06		0.98		2.45		0.52		5.51		5.31		4.13		3.81		2.50		1.47		2.23		0.48	
13	2.75		1.51		2.14		0.68		5.61		---		3.70		3.25		2.58		1.23		2.21		0.41	
14	2.52		1.03		2.12		0.52		---		---		5.36		4.92		2.44		1.22		2.92		0.38	
15	1.52		0.66		1.63		0.43		4.08		3.78		5.54		4.97		2.89		1.30		2.73		---	
16	1.13		0.68		1.62		0.43		3.73		2.96		5.16		4.88		2.72		1.01		---		---	
17	1.17		0.53		1.52		0.43		3.46		2.58		4.32		3.12		2.85		0.84		---		---	
18	1.28		0.53		1.86		0.89		3.41		2.25		3.70		2.69		3.04		0.78		---		---	
19	1.62		0.53		2.17		1.07		3.16		1.96		3.83		2.58		3.16		0.59		---		---	
20	1.87		0.41		2.34		0.66		2.82		1.71		3.75		2.28		3.32		0.69		1.50		0.26	
21	2.16		0.43		2.56		0.48		3.12		1.96		3.73		2.18		2.83		0.77		2.77		0.28	
22	2.26		0.35		2.20		0.41		3.40		2.23		3.73		2.33		2.78		1.23		3.94		0.69	
23	2.77		0.52		2.58		0.32		4.93		---		3.55		2.59		3.01		1.73		3.25		0.68	
24	2.00		0.29		2.84		0.30		4.48		4.25		3.27		2.31		2.79		1.56		---		0.55	
25	2.29		0.49		3.21		0.32		3.79		3.08		3.82		3.29		2.44		1.50		2.15		0.47	
26	3.08		0.42		2.75		0.29		3.48		2.64		4.13		4.10		1.47		1.19		2.06		0.47	
27	2.91		1.14		3.01		---		2.84		2.27		---		---		2.72		1.28		1.83		0.52	
28	2.29		1.14		2.61		0.32		5.73		4.97		---		---		3.35		1.29		2.30		0.74	
29	2.76		1.01		2.08		0.27		6.09		5.64		---		---		3.27		1.66		2.55		0.97	
30	2.97		0.77		2.12		0.13		4.96		4.58		---		---		3.13		1.37		2.54		0.99	
31	---		---		2.57		0.12		---		---		---		---		2.79		1.05		---		---	
MAX	3.08		1.51		3.21		---		---		---		---		---		---		---		---		---		---	
MIN	1.13		0.29		1.52		---		---		---		---		---		---		---		---		---		---	

02301638 ALAFIA RIVER AT BELL SHOALS NEAR RIVERVIEW, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 1998 to current year, incomplete.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located at a gage height of -0.50 ft for the top sensor and a gage height of -1.60 ft for the bottom sensor.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 3,640 microsiemens, June 5, 2000; bottom sensor maximum, 3,530 microsiemens, June 5, 2000; top sensor minimum, 73 microsiemens, Jan. 1, 2003; bottom sensor minimum, 67 microsiemens, Sept. 6, 2004.

TEMPERATURE.--Top sensor maximum, 29.0° C, July 28, 1998; bottom sensor maximum, 29.0° C, July 28, 1998; top sensor minimum, 11.8° C, Jan. 20, 2003; bottom sensor minimum, 11.8° C, Jan. 20, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 664 microsiemens, Dec. 12; bottom sensor maximum, 655 microsiemens, Dec. 12; top sensor minimum, 177 microsiemens, June 13; bottom sensor minimum, 171 microsiemens, July 14.

TEMPERATURE.--Top sensor maximum, 28.9° C, July 8, 22, 23; bottom sensor maximum, 28.9° C, July 8, 22, 23; top sensor minimum, 13.6 C, Jan. 19 ; bottom sensor minimum, 13.7° C, Jan. 19, 20.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	513	494	511	500	502	475	457	453	396	346
2	---	---	513	491	512	500	483	477	462	454	417	396
3	---	---	509	490	523	509	490	480	461	454	432	416
4	---	---	497	477	528	519	497	490	467	456	443	424
5	---	---	494	474	530	519	502	494	468	463	449	433
6	---	---	502	487	536	521	507	473	469	464	459	448
7	---	---	508	488	558	533	477	471	471	462	472	457
8	---	---	512	483	570	555	497	469	474	462	477	470
9	---	---	554	512	646	567	594	496	470	457	479	459
10	---	---	556	544	648	630	598	555	481	454	460	443
11	---	---	564	550	659	627	588	553	468	458	443	430
12	---	---	557	516	664	649	556	527	476	466	449	439
13	---	---	519	503	656	633	535	530	491	476	458	449
14	---	---	522	496	638	628	535	348	497	489	463	458
15	---	---	525	518	629	571	374	289	507	496	472	461
16	432	422	527	515	598	548	371	309	509	502	479	405
17	444	431	520	513	570	554	432	370	512	506	405	266
18	454	440	515	499	570	553	448	431	517	509	266	223
19	452	442	508	500	572	561	449	444	520	512	301	238
20	454	447	507	499	576	546	457	448	530	512	339	301
21	454	442	504	496	569	541	463	450	554	508	372	339
22	462	445	504	498	568	554	459	453	565	537	390	327
23	471	457	502	497	565	553	461	450	561	547	349	327
24	481	469	516	501	567	547	442	436	566	552	367	349
25	492	475	502	465	552	480	445	436	558	532	402	367
26	490	479	483	438	489	389	452	443	539	528	402	400
27	484	473	477	446	419	375	455	444	536	380	414	402
28	490	479	522	475	432	400	456	450	403	345	419	411
29	503	482	525	498	495	431	457	450	---	---	421	415
30	518	492	527	508	534	495	459	448	---	---	425	420
31	496	468	---	---	536	502	456	447	---	---	429	425
MONTH	---	---	564	438	664	375	598	289	566	345	479	223

02301638 ALAFIA RIVER AT BELL SHOALS NEAR RIVERVIEW, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	434	429	428	358	475	421	243	221	365	342	452	405
2	435	428	363	331	421	337	284	243	415	365	448	319
3	430	391	386	356	346	333	309	280	450	415	352	316
4	422	395	415	386	351	333	324	309	457	450	390	352
5	424	418	427	415	335	279	332	323	455	446	400	390
6	425	418	428	423	307	278	357	332	462	446	414	393
7	432	419	435	425	---	---	372	357	462	458	414	397
8	420	413	452	435	---	---	382	359	462	404	406	397
9	433	416	456	447	---	---	361	222	404	354	423	406
10	465	433	468	451	257	232	223	212	354	336	435	423
11	477	465	489	468	262	222	256	223	387	351	452	435
12	477	470	498	477	222	178	292	256	420	387	462	452
13	471	452	478	434	238	177	317	249	443	420	480	462
14	456	428	475	452	265	238	249	178	440	283	487	479
15	448	432	488	464	318	253	229	188	394	297	492	487
16	459	448	493	483	353	318	265	223	433	394	490	---
17	468	451	489	445	358	351	317	265	449	433	---	---
18	484	467	445	328	389	357	337	315	450	436	---	---
19	494	481	443	351	410	389	348	331	443	438	---	---
20	494	477	376	357	417	410	359	348	443	411	522	510
21	498	477	417	373	413	367	370	359	441	418	522	504
22	504	480	437	417	391	310	371	359	423	340	505	486
23	503	488	462	437	310	186	385	360	343	259	503	476
24	504	489	481	462	296	193	407	380	299	264	505	499
25	517	485	473	466	340	296	380	296	308	282	502	499
26	513	438	488	470	355	337	296	202	331	305	506	499
27	438	374	492	477	370	227	298	212	359	331	503	481
28	385	334	498	488	227	170	---	---	370	359	494	467
29	368	355	495	486	242	187	---	---	370	347	503	468
30	423	367	494	486	247	223	---	---	360	338	526	497
31	---	---	491	475	---	---	---	---	405	360	---	---
MONTH	517	334	498	328	---	---	---	---	462	259	---	---

02301638 ALAFIA RIVER AT BELL SHOALS NEAR RIVERVIEW, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	512	502	501	476	459	454	429	380
2	---	---	---	---	510	503	481	477	464	456	438	402
3	---	---	---	---	520	510	489	481	463	459	450	430
4	---	---	---	---	524	520	495	489	466	460	462	449
5	---	---	---	---	527	520	499	495	470	466	468	459
6	---	---	---	---	533	520	506	479	478	468	473	465
7	---	---	---	---	555	533	481	472	478	468	485	472
8	---	---	---	---	567	555	496	472	477	470	488	484
9	---	---	---	---	641	567	584	496	477	464	485	479
10	---	---	518	515	643	629	590	559	482	475	480	444
11	---	---	524	516	653	626	582	564	478	472	445	428
12	---	---	523	513	655	645	564	531	490	473	446	437
13	---	---	513	489	648	632	536	532	489	477	455	446
14	---	---	493	486	633	623	535	377	496	489	462	455
15	421	418	498	491	623	571	378	316	505	496	471	459
16	435	410	502	498	590	554	375	321	509	503	474	388
17	437	427	504	497	568	555	427	375	517	507	388	214
18	445	429	501	493	568	563	453	427	524	510	215	192
19	449	440	504	497	571	564	453	449	526	515	261	211
20	446	438	501	494	570	556	459	453	530	513	307	261
21	439	425	499	495	560	545	462	458	552	509	328	307
22	458	428	498	495	563	560	462	459	562	541	342	325
23	460	---	505	498	564	560	466	457	560	549	340	326
24	---	---	517	505	565	558	457	443	563	553	351	340
25	---	---	507	469	559	520	448	442	561	543	383	351
26	---	---	484	443	520	418	450	442	547	538	387	383
27	---	---	478	450	427	397	455	446	547	456	391	385
28	---	---	520	478	434	415	456	452	459	429	393	389
29	---	---	526	501	491	434	457	452	---	---	394	390
30	---	---	529	512	533	491	458	451	---	---	397	392
31	---	---	---	---	535	501	456	451	---	---	401	396
MONTH	---	---	---	---	655	397	590	316	563	429	488	192
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	406	400	---	---	451	405	245	223	362	342	444	395
2	407	403	---	---	405	327	286	244	412	362	441	311
3	403	373	---	---	341	331	309	281	446	412	341	309
4	394	372	---	---	347	324	321	307	455	446	380	341
5	397	393	---	---	326	254	324	315	453	441	395	380
6	399	393	---	---	291	251	350	323	460	443	412	389
7	404	396	---	---	---	---	367	348	459	453	413	394
8	400	389	---	---	---	---	382	359	459	400	404	395
9	401	390	---	---	---	---	360	220	400	351	421	404
10	428	401	---	---	257	232	220	200	351	332	437	421
11	441	428	---	---	264	225	257	206	385	349	451	435
12	442	439	---	---	227	183	294	257	419	385	463	450
13	440	426	---	---	251	181	317	252	441	419	479	463
14	427	406	---	---	263	251	252	171	437	282	486	478
15	431	406	---	---	314	251	230	188	392	295	492	486
16	445	430	---	---	358	314	266	220	432	392	---	---
17	462	438	---	---	364	354	315	266	447	432	---	---
18	478	460	---	---	398	364	332	308	449	435	---	---
19	487	477	---	---	414	398	341	322	442	437	---	---
20	486	477	---	---	424	412	353	340	445	411	520	510
21	499	459	362	326	418	368	369	353	439	416	521	503
22	487	466	389	361	395	306	371	355	421	337	505	485
23	497	476	429	389	306	188	385	355	337	254	502	476
24	506	489	465	429	300	194	408	382	291	257	503	498
25	495	479	474	450	348	300	382	290	302	274	501	497
26	480	463	479	474	360	339	290	200	326	298	505	498
27	---	---	486	472	371	229	291	210	354	326	502	480
28	---	---	490	481	229	174	---	---	363	354	493	466
29	---	---	486	481	241	189	---	---	364	340	502	467
30	---	---	486	471	238	196	---	---	355	333	524	494
31	---	---	492	451	---	---	---	---	395	355	---	---
MONTH	---	---	---	---	---	---	---	---	460	254	---	---

02301638 ALAFIA RIVER AT BELL SHOALS NEAR RIVERVIEW, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	26.6	26.1	24.3	23.7	21.2	20.3	18.8	17.7	18.4	17.3	20.2	19.4
2	26.9	26.3	24.7	24.0	21.3	20.7	19.3	18.3	18.6	17.6	19.4	18.0
3	26.9	26.5	24.8	24.0	21.0	20.0	19.3	18.4	19.5	18.4	18.0	16.4
4	26.8	26.4	24.6	23.9	20.0	19.2	19.5	18.4	19.3	17.7	17.0	15.8
5	26.7	26.5	24.3	23.3	19.5	18.6	19.9	18.9	17.9	16.9	17.0	15.5
6	26.7	26.3	23.3	22.5	20.2	18.8	20.2	19.3	17.9	16.9	17.6	16.1
7	26.4	25.9	22.5	21.6	20.5	19.6	20.7	19.7	18.3	17.2	18.7	17.1
8	25.9	25.2	21.6	20.7	21.1	20.1	20.9	20.0	18.9	17.6	19.5	18.2
9	25.3	24.9	21.0	20.3	21.6	20.7	21.1	20.1	19.1	17.7	18.9	17.4
10	25.4	25.1	21.5	20.6	22.2	21.5	20.8	19.9	19.3	18.2	17.7	16.6
11	25.3	25.0	21.8	20.9	21.9	20.6	20.7	19.7	18.4	17.0	17.3	16.0
12	25.0	24.6	22.3	21.4	20.6	18.9	20.7	19.7	17.1	15.9	18.0	16.4
13	24.8	24.3	22.5	21.8	18.9	17.9	21.2	20.2	16.8	15.3	18.6	16.6
14	24.7	24.2	22.6	22.0	18.6	17.3	21.2	19.8	17.5	15.7	19.4	17.9
15	24.2	23.3	22.4	21.8	17.3	16.2	19.8	18.5	18.8	17.1	20.0	19.1
16	23.3	21.9	22.2	21.5	16.8	15.8	18.5	17.2	19.5	17.9	21.1	19.8
17	21.9	21.1	21.5	20.7	17.2	16.5	17.2	15.4	20.2	18.6	20.9	20.0
18	22.5	21.5	21.3	20.3	18.2	17.2	15.4	14.2	20.0	18.8	20.0	18.8
19	23.7	22.5	21.0	20.0	18.0	17.3	14.3	13.6	19.5	17.8	18.8	17.3
20	24.7	23.7	21.4	20.3	17.6	16.2	14.3	13.7	19.7	17.9	17.4	16.6
21	25.2	24.5	21.6	20.5	16.6	15.4	15.2	14.2	19.8	18.3	18.3	17.2
22	25.2	24.8	21.9	20.8	17.3	15.8	16.3	15.1	20.9	19.1	19.8	18.3
23	24.9	24.2	22.1	21.3	18.4	17.3	16.9	15.9	21.5	20.3	20.8	19.8
24	24.2	23.6	22.7	21.8	18.6	18.3	15.9	14.8	21.8	20.7	21.1	20.7
25	23.9	23.4	22.8	21.9	18.3	17.4	14.8	13.9	21.7	21.3	21.8	20.8
26	23.8	23.4	21.9	20.4	17.4	15.1	15.1	13.9	21.3	20.8	23.0	21.8
27	23.7	23.2	20.5	19.9	15.1	14.3	16.3	14.8	20.8	20.3	23.6	22.7
28	23.4	22.9	20.5	19.7	14.6	14.0	17.0	16.1	20.7	20.0	23.7	22.9
29	23.5	22.9	20.6	19.7	15.5	14.3	18.0	16.9	---	---	22.9	21.8
30	23.9	23.2	20.6	19.6	16.6	15.3	18.7	17.6	---	---	21.8	20.6
31	24.2	23.5	---	---	17.8	16.4	18.5	17.6	---	---	21.8	20.7
MONTH	26.9	21.1	24.8	19.6	22.2	14.0	21.2	13.6	21.8	15.3	23.7	15.5
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	22.9	21.6	22.7	22.1	25.9	25.1	26.5	26.0	27.8	26.9	27.8	27.4
2	23.4	22.3	23.0	22.1	25.1	24.2	27.1	26.3	28.1	27.1	27.4	26.9
3	22.3	20.7	23.7	22.5	24.5	24.2	27.4	26.9	28.3	27.4	27.7	26.7
4	20.7	19.4	23.4	23.1	24.5	24.1	27.8	27.0	28.7	27.5	27.6	26.7
5	20.5	19.2	23.4	22.8	24.4	23.9	28.4	27.4	28.3	27.5	27.2	26.5
6	21.4	20.1	23.6	22.4	25.2	24.1	28.6	27.6	27.9	27.1	27.1	26.2
7	22.0	21.1	23.3	21.8	---	---	28.8	27.7	27.9	26.9	26.9	26.3
8	22.6	21.5	23.3	21.8	---	---	28.9	28.0	27.1	26.4	27.0	26.2
9	22.4	21.2	23.6	21.9	---	---	28.0	25.9	26.8	26.1	27.2	26.1
10	22.7	21.3	23.9	22.1	25.4	25.3	25.9	25.6	27.3	26.3	27.4	25.9
11	22.8	21.5	24.0	22.4	25.8	25.1	26.7	25.8	28.0	26.8	27.3	25.8
12	22.8	21.7	24.2	22.5	26.4	25.7	27.3	26.4	28.3	27.5	26.8	25.4
13	23.5	22.4	24.1	22.5	26.7	25.9	27.3	26.4	28.6	27.5	26.8	25.3
14	22.7	21.7	24.2	22.7	27.1	26.3	26.4	25.9	28.3	26.7	26.5	25.1
15	22.2	21.1	24.4	23.2	27.5	26.8	27.0	26.3	28.0	26.7	26.2	24.8
16	21.6	20.2	24.7	23.2	27.9	27.0	27.5	26.7	28.2	26.9	---	---
17	21.2	19.3	25.4	23.8	27.8	27.0	27.9	27.2	28.4	27.4	---	---
18	21.1	19.3	25.3	23.0	28.0	26.9	27.9	27.2	28.6	27.4	---	---
19	21.5	19.7	25.3	24.1	27.9	27.0	28.1	27.6	28.8	27.7	---	---
20	22.2	20.4	25.7	24.0	27.4	26.8	28.5	27.6	28.6	27.4	26.3	25.6
21	22.1	20.6	26.0	24.1	27.1	26.2	28.7	27.7	28.4	27.3	26.5	25.7
22	22.8	20.9	26.2	24.6	26.5	25.5	28.9	28.0	28.0	27.0	26.2	25.8
23	22.4	21.0	26.4	24.9	25.5	24.5	28.9	28.1	27.7	26.7	26.5	25.8
24	22.4	20.9	25.9	24.9	25.4	24.6	28.8	28.2	27.7	26.9	27.0	25.8
25	21.6	20.0	27.0	25.4	25.8	25.1	28.2	27.1	27.9	27.0	26.9	25.7
26	21.2	19.8	26.4	25.3	26.4	25.4	27.4	26.9	28.0	27.1	26.8	25.6
27	21.5	20.4	26.2	24.9	26.6	25.8	28.2	27.3	27.4	26.9	26.8	25.3
28	21.5	19.9	26.7	24.8	25.9	25.4	---	---	27.7	26.7	26.4	25.2
29	21.9	20.4	26.5	25.1	26.5	25.9	---	---	27.8	26.9	26.1	25.0
30	22.9	21.3	27.0	25.2	26.4	26.1	---	---	28.2	27.2	26.1	25.3
31	---	---	26.4	25.4	---	---	---	---	28.4	27.6	---	---
MONTH	23.5	19.2	27.0	21.8	---	---	---	---	28.8	26.1	---	---

02301638 ALAFIA RIVER AT BELL SHOALS NEAR RIVERVIEW, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	26.6	26.0	24.2	23.7	21.1	20.3	18.7	17.6	18.2	17.3	20.2	19.5
2	26.9	26.3	24.6	23.9	21.3	20.7	19.2	18.2	18.5	17.6	19.5	18.2
3	26.9	26.5	24.6	24.0	21.0	20.0	19.3	18.3	19.3	18.3	18.2	16.7
4	26.8	26.4	24.5	23.9	20.0	19.2	19.4	18.3	19.2	17.9	17.0	16.1
5	26.7	26.4	24.2	23.4	19.4	18.6	19.8	18.8	17.9	17.0	16.9	15.8
6	26.6	26.3	23.4	22.6	20.1	18.8	20.1	19.2	17.8	16.9	17.4	16.2
7	26.4	25.9	22.6	21.7	20.5	19.6	20.7	19.6	18.2	17.2	18.4	17.1
8	25.9	25.2	21.7	20.8	21.0	20.1	20.8	20.0	18.7	17.6	19.2	18.2
9	25.3	24.9	21.0	20.4	21.5	20.6	21.0	20.0	18.9	17.8	18.9	17.5
10	25.3	25.0	21.4	20.6	22.1	21.5	20.8	19.8	19.2	18.2	17.7	16.8
11	25.3	24.9	21.7	20.9	21.9	20.6	20.6	19.6	18.4	17.1	17.4	16.1
12	24.9	24.5	22.2	21.4	20.6	19.0	20.6	19.6	17.1	15.9	18.0	16.5
13	24.8	24.3	22.4	21.8	19.0	17.9	21.1	20.1	16.7	15.5	18.6	16.6
14	24.7	24.2	22.6	22.0	18.6	17.4	21.1	19.7	17.4	15.8	19.4	18.0
15	24.2	23.3	22.3	21.8	17.4	16.2	19.7	18.5	18.5	17.1	20.0	19.1
16	23.3	21.8	22.1	21.5	16.8	15.8	18.5	17.2	19.2	17.8	21.1	19.9
17	21.8	21.1	21.5	20.8	17.2	16.5	17.2	15.5	19.9	18.6	20.9	20.0
18	22.5	21.5	21.2	20.4	18.1	17.2	15.5	14.3	19.8	18.8	20.0	19.0
19	23.7	22.5	21.0	20.1	18.0	17.3	14.3	13.7	19.3	17.9	19.0	17.6
20	24.6	23.7	21.3	20.3	17.6	16.2	14.3	13.7	19.5	17.9	17.6	16.9
21	25.2	24.5	21.5	20.5	16.5	15.4	15.2	14.2	19.6	18.3	18.3	17.4
22	25.2	24.7	21.8	20.8	17.2	15.8	16.2	15.1	20.6	19.1	19.7	18.3
23	24.9	24.3	22.0	21.3	18.4	17.2	16.8	15.9	21.3	20.3	20.7	19.7
24	24.3	23.6	22.5	21.8	18.5	18.3	15.9	14.9	21.5	20.7	20.9	20.6
25	23.8	23.4	22.7	21.9	18.3	17.4	14.9	13.9	21.5	21.2	21.7	20.8
26	23.8	23.4	21.9	20.4	17.4	15.1	15.0	13.9	21.2	20.7	22.8	21.7
27	23.7	23.3	20.5	19.9	15.1	14.2	16.2	14.8	20.7	20.3	23.3	22.6
28	23.3	22.9	20.5	19.8	14.6	13.9	16.9	16.0	20.5	20.0	23.5	22.9
29	23.4	22.9	20.5	19.7	15.4	14.3	17.9	16.9	---	---	23.0	22.0
30	23.8	23.2	20.6	19.6	16.5	15.2	18.5	17.6	---	---	22.0	20.8
31	24.1	23.5	---	---	17.7	16.4	18.4	17.6	---	---	21.8	20.9
MONTH	26.9	21.1	24.6	19.6	22.1	13.9	21.1	13.7	21.5	15.5	23.5	15.8
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	22.7	21.6	22.6	22.1	25.9	25.1	26.5	26.0	27.8	27.0	27.8	27.4
2	23.2	22.4	23.0	22.2	25.1	24.3	27.1	26.4	28.1	27.1	27.4	26.9
3	22.4	21.0	23.7	22.6	24.5	24.3	27.4	26.9	28.4	27.5	27.7	26.7
4	21.0	19.7	23.4	23.1	24.5	24.2	27.9	27.0	28.7	27.5	27.6	26.8
5	20.5	19.4	23.4	22.8	24.4	23.9	28.4	27.4	28.3	27.6	27.2	26.6
6	21.3	20.2	23.5	22.5	25.2	24.2	28.6	27.6	27.9	27.1	27.1	26.2
7	21.9	21.1	23.3	21.9	---	---	28.8	27.7	27.9	26.9	26.9	26.4
8	22.3	21.5	23.3	21.9	---	---	28.9	28.0	27.2	26.4	27.0	26.3
9	22.2	21.3	23.6	21.9	---	---	28.1	26.0	26.8	26.2	27.2	26.1
10	22.4	21.4	23.8	22.2	25.5	25.3	26.0	25.6	27.3	26.3	27.4	25.9
11	22.6	21.6	23.9	22.5	25.9	25.2	26.7	25.9	28.0	26.8	27.3	25.9
12	22.6	21.8	24.1	22.6	26.5	25.8	27.3	26.5	28.3	27.5	26.8	25.4
13	23.2	22.3	24.1	22.6	26.7	26.0	27.3	26.4	28.7	27.6	26.8	25.4
14	22.6	21.8	24.2	22.7	27.2	26.4	26.4	25.9	28.3	26.7	26.5	25.2
15	22.2	21.3	24.3	23.2	27.5	26.9	27.0	26.4	28.0	26.7	26.3	24.9
16	21.5	20.4	24.6	23.3	27.9	27.0	27.5	26.8	28.3	27.0	---	---
17	21.1	19.5	25.3	23.9	27.8	27.1	28.0	27.3	28.4	27.5	---	---
18	21.0	19.5	25.2	23.1	28.0	27.0	27.9	27.2	28.7	27.5	---	---
19	21.4	19.8	25.2	24.2	27.9	27.0	28.1	27.6	28.8	27.7	---	---
20	21.9	20.6	25.7	24.1	27.4	26.8	28.5	27.6	28.7	27.4	26.3	25.7
21	21.9	20.7	26.0	24.2	27.1	26.3	28.7	27.7	28.4	27.4	26.5	25.7
22	22.3	21.1	26.2	24.7	26.5	25.5	28.9	28.0	28.1	27.1	26.3	25.8
23	22.1	21.2	26.4	24.9	25.5	24.5	28.9	28.1	27.7	26.8	26.5	25.8
24	22.0	21.2	26.0	24.9	25.4	24.6	28.8	28.2	27.7	26.9	27.1	25.9
25	21.5	20.4	27.0	25.4	25.8	25.2	28.2	27.1	28.0	27.0	26.9	25.7
26	21.1	20.2	26.4	25.4	26.5	25.4	27.5	27.0	28.0	27.1	26.8	25.6
27	21.3	20.6	26.2	25.0	26.6	25.9	28.3	27.3	27.4	26.9	26.8	25.3
28	21.4	20.0	26.7	24.9	25.9	25.5	---	---	27.7	26.8	26.4	25.2
29	21.8	20.5	26.5	25.1	26.5	25.9	---	---	27.9	26.9	26.1	25.0
30	22.8	21.4	27.0	25.3	26.5	26.1	---	---	28.2	27.3	26.1	25.4
31	---	---	26.4	25.5	---	---	---	---	28.4	27.6	---	---
MONTH	23.2	19.4	27.0	21.9	---	---	---	---	28.8	26.2	---	---

02301718 ALAFIA RIVER AT RIVERVIEW, FL.

LOCATION.--Lat 27° 52'03", long 82° 19'12" (1927 North American datum), in SE$^{1}/_{4}$ sec.17, T.30 S., R.20 E., Hillsborough County, Hydrologic Unit 03100204, on right bank on wooden private dock about 0.4 mi upstream from Highway 301 bridge, and 0.3 mi northeast of Riverview.

DRAINAGE AREA.--414 mi^2.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--May 1999 to September 2003 (gage-heights only); October 2003 to current year (tidal high-high and low-low only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Interruptions in record were due to days in which a tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low. The extremes for periods published previously as maximum and minimum gage heights are equivalent to tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 6.20 ft, Sept. 6, 2004; minimum, 2.71 ft below NGVD of 1929, Dec. 15, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 4.42 ft, Dec. 26; minimum, 2.71 ft below NGVD of 1929, Dec. 15, 2004.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	2.81		0.63		2.75		-0.23		2.29		-0.85		1.37		-1.03		2.44		-0.29		1.63		-0.30	
2	2.58		0.25		2.79		0.00		1.82		-0.73		1.53		-0.66		2.29		-0.40		1.57		-0.49	
3	2.36		-0.02		2.48		-0.23		1.56		-1.02		1.51		-0.70		1.70		-0.57		1.23		-1.07	
4	2.43		0.10		2.20		0.10		1.39		-0.86		1.65		-0.43		1.32		-1.00		1.76		-1.28	
5	2.16		0.00		2.58		-0.57		1.46		-0.82		1.92		-0.70		2.06		-1.59		1.31		-1.42	
6	1.83		-0.16		1.06		-0.67		---		---		2.04		-1.06		2.94		-1.62		1.89		-1.46	
7	1.35		-0.41		1.88		-0.22		2.17		-0.37		2.14		-1.21		1.37		-1.29		1.40		-1.28	
8	1.88		-0.03		1.71		-0.25		1.93		-0.51		2.24		-1.44		3.06		-0.64		2.84		0.19	
9	2.41		0.21		1.68		-0.62		1.79		-1.10		---		-1.76		3.30		-0.50		---		---	
10	---		---		1.49		-1.03		2.59		-0.67		2.26		-1.72		3.35		-0.09		1.85		-1.22	
11	2.84		0.32		3.01		-0.58		2.68		-0.88		2.45		-1.47		1.44		-1.15		2.19		-0.36	
12	2.57		0.37		2.66		-0.32		---		-1.98		2.80		-1.11		1.70		-0.61		1.68		-0.77	
13	2.76		0.37		3.52		-0.51		2.34		-1.58		2.73		-0.56		2.60		0.21		2.14		-0.54	
14	2.46		-0.16		2.77		-1.47		2.52		-1.68		2.87		-0.66		2.29		0.19		1.83		0.08	
15	2.90		0.67		1.66		-1.84		0.12		-2.71		0.70		-1.04		2.09		0.07		1.80		-0.96	
16	2.48		-0.49		2.06		-1.30		0.58		-1.95		0.48		-0.88		2.15		-0.39		2.52		-1.01	
17	2.54		-0.61		2.31		-0.90		1.11		-1.18		0.77		-1.23		1.97		-0.20		2.06		-0.33	
18	2.66		-0.51		1.92		-0.61		1.36		-0.69		0.79		-1.40		1.35		-1.20		1.19		-0.18	
19	2.86		-0.31		1.97		-0.25		1.47		-0.53		1.63		-1.57		1.51		-1.57		0.92		-0.70	
20	2.64		-0.29		2.09		0.00		0.76		-1.00		2.25		-1.24		---		-1.26		1.85		-0.84	
21	2.17		-0.63		2.06		0.17		1.67		-1.15		2.46		-0.62		1.98		-0.96		2.14		-0.66	
22	1.50		-0.70		2.39		-0.09		2.41		-1.24		2.95		-0.73		2.12		-0.92		1.90		-0.36	
23	2.17		-0.46		2.17		-0.16		2.17		-0.52		0.41		-0.25		2.04		-0.90		2.26		-0.34	
24	2.51		0.10		3.65		-0.05		1.65		-1.25		1.79		-1.84		2.24		-0.45		2.31		-0.45	
25	2.37		0.11		1.81		0.69		---		-1.81		1.09		-1.21		2.15		-0.63		2.11		-0.25	
26	2.22		-0.28		1.94		-1.25		4.42		-1.15		2.40		-0.53		1.58		-0.78		2.13		-0.43	
27	2.04		-0.54		1.97		-0.92		0.38		-1.93		2.45		-0.74		3.55		-0.20		2.71		-0.06	
28	2.29		-0.60		3.32		-0.83		0.68		-1.98		2.01		-1.03		2.55		0.31		2.73		1.33	
29	2.60		-0.54		1.80		-1.22		1.36		-1.50		1.63		-0.65		---		---		2.07		-0.19	
30	2.66		-0.48		2.10		-1.04		1.61		-1.47		2.37		0.30		---		---		2.01		-0.87	
31	2.81		-0.34		---		---		1.75		-1.02		1.90		-0.07		---		---		2.66		-0.95	
MAX	---		---		3.65		0.69		---		---		---		0.30		---		0.31		---		---	
MIN	---		---		1.06		-1.84		---		---		---		-1.84		---		-1.62		---		---	

02301718 ALAFIA RIVER AT RIVERVIEW, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	2.76		-0.96		2.46		-0.94		2.12		0.24		2.32		0.12		2.40		-0.58		---		---	
2	1.85		-0.23		1.80		-0.46		2.46		-0.15		2.74		-0.07		2.45		-0.68		---		---	
3	1.42		-1.54		1.58		-0.67		2.54		-0.04		1.54		-0.31		2.56		-0.70		---		---	
4	1.66		-1.38		2.40		-0.37		2.52		-0.56		2.46		-0.53		2.58		-0.84		---		---	
5	1.51		-1.06		2.78		-0.08		2.60		-0.65		2.75		-0.55		2.72		-0.71		---		---	
6	2.20		-0.67		1.67		-1.14		2.52		-0.64		2.92		-0.44		2.50		-0.76		---		---	
7	2.54		-0.15		1.88		-1.13		2.63		-0.85		2.74		-0.64		2.73		-0.61		---		---	
8	2.79		-0.33		2.62		-0.79		2.50		-0.66		2.72		-0.70		2.20		-0.18		---		---	
9	2.20		-0.75		2.70		-0.86		2.38		-0.57		2.62		0.32		2.00		-0.08		---		---	
10	2.17		-1.13		2.76		-0.85		1.96		-0.26		4.14		0.68		1.94		0.07		---		---	
11	2.58		-0.66		2.52		0.66		2.85		2.11		2.45		1.68		1.90		0.04		---		---	
12	3.03		0.05		2.48		-1.09		2.28		0.23		2.11		-0.26		2.11		-0.11		---		---	
13	2.64		1.22		2.19		-0.84		1.53		0.01		1.80		0.00		2.29		-0.26		---		---	
14	2.40		-0.50		2.21		-0.90		1.75		-0.04		2.01		0.27		---		---		---		---	
15	1.24		-1.12		2.14		-0.53		1.68		0.01		2.28		0.24		---		---		---		---	
16	0.64		-1.70		1.67		-0.41		2.08		0.35		2.41		0.04		---		---		---		---	
17	1.07		-1.67		1.54		-0.53		2.41		0.16		2.34		-0.55		---		---		---		---	
18	1.17		-1.31		1.68		-0.50		2.59		-0.38		2.57		-0.73		---		---		---		---	
19	1.60		-0.90		1.90		-0.35		2.54		-0.76		2.89		-0.80		---		---		---		---	
20	1.90		-0.58		2.35		-0.10		2.34		-1.09		3.07		-0.79		---		---		---		---	
21	2.18		-0.18		2.67		-0.38		2.63		-0.94		3.18		-0.65		---		---		---		---	
22	2.34		-0.12		2.29		-0.94		2.94		-0.94		3.16		-0.53		---		---		---		---	
23	2.85		0.34		2.66		-1.05		3.04		-0.62		2.75		-0.46		---		---		3.38		0.18	
24	2.02		-0.74		2.99		-0.70		2.36		0.81		2.60		0.33		---		---		2.93		0.01	
25	2.37		-0.94		3.24		-1.11		2.86		-0.84		2.07		-0.48		---		---		2.27		-0.03	
26	3.16		-0.72		2.92		---		2.60		-0.59		2.11		-0.01		---		---		2.17		0.06	
27	2.89		0.99		3.14		-1.07		2.00		-0.24		2.02		0.06		---		---		1.89		0.02	
28	2.07		-1.00		2.75		-0.93		2.13		0.12		1.93		-0.29		---		---		2.39		-0.08	
29	2.73		-1.12		2.19		-0.68		2.21		0.46		2.12		-0.32		---		---		2.55		-0.10	
30	2.97		-0.66		2.26		-0.41		2.20		0.20		2.08		-0.65		---		---		2.47		-0.16	
31	---		---		2.52		-0.07		---		---		2.31		-0.50		---		---		---		---	
MAX	3.16		1.22		3.24		---		3.04		2.11		4.14		1.68		---		---		---		---	
MIN	0.64		-1.70		1.54		---		1.53		-1.09		1.54		-0.80		---		---		---		---	

02301718 ALAFIA RIVER AT RIVERVIEW, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1999 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located at a gage height of approximately -1.50 ft for the top sensor and a gage height of approximately -4.85 ft for the bottom probe.

REMARKS.--Specific conductance records fair, temperature records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 41,700 microsiemens, May 11, 2001; bottom sensor maximum, 41,800 microsiemens, Nov. 4, 2000; top sensor minimum, 79 microsiemens, Jan. 1, 2003; bottom sensor minimum, 80 microsiemens, Sept. 7, 2004.

TEMPERATURE.--Top sensor maximum, 32.9° C, Oct. 11, 2002; bottom sensor maximum, 32.7° C, June 15, 2001; top sensor minimum, 11.5° C, Jan. 5, 2001; bottom sensor minimum, 12.4° C, Jan. 20, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 29,900 microsiemens, Feb. 2; bottom sensor maximum, 32,100 microsiemens, Feb. 2; top sensor minimum, 191 microsiemens, June 29; bottom sensor minimum, 171 microsiemens, June 28.

TEMPERATURE.--Top sensor maximum, 30.2° C, July 23, Aug. 13, 22; bottom sensor maximum, 30.0° C, Sept. 12; top sensor minimum, 14.0° C, Jan. 20; bottom sensor minimum, 13.9° C, Jan. 20.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	265	240	5,630	653	24,900	2,460	14,200	2,010	24,600	2,230	580	393
2	292	264	23,700	1,370	14,000	1,600	17,400	3,180	29,900	2,600	464	400
3	321	291	21,100	1,490	10,600	1,390	16,900	3,210	19,800	4,320	485	447
4	353	321	12,200	1,480	11,500	1,350	22,600	2,800	15,600	4,370	8,420	464
5	368	353	5,430	1,050	13,000	1,750	26,300	3,990	20,500	3,110	2,140	621
6	376	362	1,510	836	14,700	2,260	18,300	4,350	25,600	3,030	862	530
7	384	360	3,100	742	14,400	2,390	17,800	3,450	27,100	3,830	1,490	494
8	408	384	3,060	779	15,900	2,300	16,800	2,350	26,300	4,400	5,230	524
9	413	400	2,440	701	13,000	1,760	16,000	1,220	28,300	4,850	731	512
10	415	407	4,580	710	12,800	1,260	13,800	1,020	21,700	2,610	1,380	505
11	429	412	19,000	855	12,200	1,400	16,800	1,300	5,730	929	790	485
12	450	423	23,600	1,940	2,990	855	21,600	2,210	2,850	635	519	479
13	460	431	20,400	2,260	7,100	967	26,000	4,070	11,200	633	528	490
14	461	437	15,000	1,110	10,800	892	26,500	1,120	13,000	1,300	540	495
15	477	444	6,430	1,040	1,110	765	1,120	393	8,550	2,040	705	503
16	498	464	17,200	1,170	7,700	785	449	390	7,110	2,240	6,680	563
17	510	483	19,000	2,120	16,100	1,690	501	449	5,750	1,670	1,320	265
18	535	499	21,000	3,090	18,800	2,580	559	501	14,300	2,520	265	203
19	533	516	27,000	4,140	10,100	2,290	609	548	19,800	2,470	287	212
20	545	524	18,700	4,130	4,980	1,440	606	549	18,300	3,970	330	279
21	553	535	14,500	4,140	23,100	1,240	4,280	551	22,500	4,700	379	325
22	556	534	15,400	3,350	29,000	2,630	6,060	733	18,000	3,460	398	356
23	588	549	17,400	3,610	29,000	5,050	8,190	665	13,100	2,090	391	361
24	605	559	23,600	4,340	20,600	4,010	820	613	12,400	1,550	386	369
25	616	569	23,200	2,170	13,800	2,760	3,510	621	9,280	1,100	417	376
26	638	585	3,370	861	17,800	615	10,800	709	9,520	1,040	439	411
27	635	588	18,200	780	631	524	9,570	678	13,200	1,280	451	431
28	641	592	21,400	1,190	580	521	5,130	681	3,100	506	462	438
29	849	605	7,100	1,020	4,500	577	8,660	765	---	---	475	449
30	878	619	15,400	1,200	11,600	1,260	19,800	1,650	---	---	487	459
31	758	625	---	---	18,900	1,520	15,400	1,880	---	---	492	461
MONTH	878	240	27,000	653	29,000	521	26,500	390	29,900	506	8,420	203

02301718 ALAFIA RIVER AT RIVERVIEW, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	2,340	467	7,520	775	6,550	630	252	237	368	326	1,140	490
2	1,480	488	775	385	2,480	411	294	252	417	368	603	452
3	516	465	411	377	721	362	325	294	466	415	468	341
4	477	437	6,540	405	3,060	347	346	325	500	463	404	353
5	2,550	444	7,790	875	487	321	364	345	516	483	448	391
6	8,520	542	2,520	528	321	274	386	359	519	481	490	427
7	8,390	656	2,290	476	328	297	416	384	535	483	2,050	444
8	4,660	479	7,240	562	336	309	891	411	543	480	1,420	458
9	565	462	9,220	625	316	271	464	290	494	423	1,080	527
10	508	466	7,680	656	276	260	290	235	440	370	9,040	614
11	9,550	487	8,170	653	292	275	281	240	412	371	10,700	1,170
12	17,100	651	14,700	714	282	259	296	273	452	397	17,100	2,460
13	4,880	930	21,500	1,050	273	245	337	296	463	440	12,400	2,260
14	1,280	603	20,100	2,720	300	273	338	219	460	429	9,020	1,550
15	762	527	13,000	3,480	315	295	262	218	435	311	9,130	861
16	871	545	14,100	4,290	371	315	279	255	724	324	---	---
17	5,100	608	11,400	3,540	396	371	339	279	3,840	420	---	---
18	13,900	785	7,960	2,320	416	389	358	339	1,260	434	---	---
19	20,400	2,490	7,820	1,270	452	415	382	357	5,930	474	---	---
20	21,100	3,630	12,200	1,020	466	438	400	376	3,260	477	---	---
21	18,500	3,510	7,680	1,160	611	417	418	395	1,770	460	---	---
22	11,100	2,530	3,820	653	455	416	430	409	520	386	---	---
23	9,490	1,640	5,720	596	417	228	418	398	408	282	25,200	4,190
24	3,280	641	4,980	598	310	226	434	399	321	276	25,600	5,080
25	3,500	649	2,560	576	371	310	440	323	343	288	23,300	6,060
26	10,100	659	9,750	575	391	371	330	242	374	321	24,300	5,130
27	4,110	484	14,200	737	407	350	311	240	8,620	368	17,800	4,340
28	773	421	6,790	1,890	350	192	386	311	15,700	1,370	24,200	4,430
29	6,430	419	4,300	1,340	234	191	402	386	21,300	1,280	24,000	4,630
30	10,300	831	4,870	1,090	260	234	403	389	7,900	893	14,400	2,150
31	---	---	5,640	1,100	---	---	404	319	2,870	645	---	---
MONTH	21,100	419	21,500	377	6,550	191	891	218	21,300	276	---	---

02301718 ALAFIA RIVER AT RIVERVIEW, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	264	239	17,200	593	25,500	3,660	19,900	2,880	29,200	4,230	575	386
2	297	263	25,700	2,110	20,600	3,310	20,500	5,790	32,100	6,440	456	393
3	322	292	26,700	3,040	15,300	2,180	21,200	6,390	31,300	9,570	480	439
4	355	321	25,600	2,430	19,200	2,180	23,400	6,280	27,900	5,170	20,800	458
5	368	353	24,100	1,300	19,000	3,310	26,300	6,460	24,200	3,670	7,790	663
6	375	361	2,820	855	23,400	6,010	25,700	5,690	28,600	3,410	976	581
7	381	359	9,840	662	23,600	3,600	20,800	3,600	28,900	4,920	2,710	495
8	401	381	7,490	697	23,600	3,580	19,100	2,400	26,400	5,770	8,940	535
9	405	394	4,840	621	19,600	2,090	15,300	1,220	28,100	7,100	816	514
10	410	400	12,600	611	13,300	1,450	15,100	1,080	22,700	3,440	1,940	509
11	424	408	24,900	827	15,400	1,550	16,400	1,350	10,600	1,060	956	492
12	442	417	25,200	2,220	4,090	789	19,800	2,440	3,270	646	523	483
13	443	415	24,000	2,330	9,470	937	21,300	5,440	18,900	641	534	494
14	450	425	16,000	1,030	12,700	823	21,800	1,260	25,200	3,900	544	498
15	502	433	10,300	922	961	674	1,260	400	26,600	6,440	1,230	505
16	492	461	26,500	1,060	10,900	705	425	390	21,300	6,300	20,200	584
17	501	475	23,700	2,800	19,100	3,580	496	424	22,700	4,810	2,120	280
18	522	488	26,900	4,510	23,900	7,170	572	490	23,000	4,130	280	218
19	517	502	29,100	8,380	18,600	3,610	597	562	24,900	3,580	286	225
20	524	506	28,700	8,060	9,380	1,710	592	550	26,700	4,820	328	286
21	527	512	26,400	8,420	26,000	1,260	2,690	544	27,700	6,020	356	325
22	530	509	25,700	6,990	26,500	4,620	7,730	2,000	23,200	5,010	387	355
23	553	518	25,600	5,320	27,000	10,900	13,400	1,050	18,100	2,960	392	362
24	567	524	26,400	5,160	25,700	6,090	1,050	634	17,500	2,380	388	371
25	573	532	25,600	2,710	15,300	2,750	8,460	635	14,500	1,320	416	378
26	590	542	8,060	803	20,500	555	11,700	1,100	15,400	1,540	443	412
27	586	542	21,600	747	568	471	18,500	685	21,200	1,530	452	423
28	587	541	22,800	1,410	520	465	10,700	678	8,000	518	463	439
29	1,090	551	15,100	971	9,550	512	17,700	776	---	---	476	450
30	935	561	21,600	1,430	17,600	1,580	23,700	4,460	---	---	487	460
31	931	560	---	---	18,900	2,360	24,100	3,920	---	---	496	463
MONTH	1,090	239	29,100	593	27,000	465	26,300	390	32,100	518	20,800	218
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	4,860	470	9,760	1,080	12,200	982	238	220	368	322	1,360	621
2	1,160	535	1,080	411	7,320	476	285	238	418	368	626	471
3	597	480	438	404	3,800	400	319	285	466	416	475	364
4	491	453	15,100	438	14,800	369	342	319	503	463	408	372
5	3,400	456	12,300	1,580	1,640	308	358	341	516	484	445	408
6	10,600	707	5,900	725	322	266	381	352	518	483	460	442
7	15,400	1,050	3,490	542	336	295	409	378	535	485	3,570	449
8	5,490	606	9,970	798	345	307	4,170	403	541	483	3,840	812
9	645	476	12,700	876	318	256	714	281	496	427	7,480	1,040
10	517	478	12,000	919	266	248	282	227	441	375	13,300	2,360
11	14,600	495	12,100	895	278	251	274	232	415	376	17,000	2,310
12	21,700	782	19,400	1,190	251	216	289	266	454	401	21,500	2,690
13	6,810	1,230	26,700	1,330	248	203	331	289	465	443	19,700	2,610
14	1,540	749	27,800	4,280	282	248	332	208	465	433	13,100	1,730
15	830	573	27,100	7,780	303	272	255	208	438	321	12,100	905
16	2,560	582	21,100	6,900	363	303	275	249	1,190	335	---	---
17	10,600	660	20,200	5,670	395	363	337	275	6,150	444	---	---
18	21,000	1,080	20,200	6,140	411	385	361	337	4,220	462	---	---
19	22,100	4,220	17,200	2,300	452	410	382	360	7,630	509	---	---
20	23,000	7,820	20,200	2,920	463	440	400	378	4,500	505	---	---
21	22,200	5,830	13,300	1,630	2,180	414	415	394	2,190	495	---	---
22	18,600	2,970	5,480	679	452	401	427	406	544	412	---	---
23	12,400	2,140	9,290	608	403	215	418	396	422	313	27,800	9,870
24	3,840	650	9,240	620	300	212	432	398	337	313	28,500	10,500
25	4,160	657	4,590	585	365	300	440	319	353	322	29,000	13,500
26	14,100	668	22,200	582	383	365	334	243	380	344	28,200	15,400
27	7,860	488	20,700	864	399	330	312	243	18,700	380	29,400	7,160
28	1,370	418	11,700	2,320	330	171	386	312	21,100	4,180	29,000	9,520
29	19,800	413	11,800	1,620	221	173	406	386	22,700	3,500	28,600	6,710
30	24,400	1,060	9,890	1,460	247	221	410	391	21,800	3,060	25,800	2,890
31	---	---	11,100	1,830	---	---	410	329	7,780	1,110	---	---
MONTH	24,400	413	27,800	404	14,800	171	4,170	208	22,700	313	---	---

02301718 ALAFIA RIVER AT RIVERVIEW, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	26.8	26.0	25.1	23.7	22.6	20.8	19.5	17.2	19.6	17.3	21.1	19.6
2	27.3	26.2	26.0	24.2	22.6	21.1	20.3	18.0	18.8	17.4	20.6	18.7
3	27.5	26.4	26.1	24.6	22.0	20.7	20.6	18.4	20.0	18.0	18.7	17.1
4	27.3	26.3	26.2	24.4	21.9	19.7	20.9	18.1	19.5	17.6	18.2	16.5
5	27.1	26.3	25.5	23.7	21.5	18.9	20.1	18.6	19.3	16.8	18.7	16.1
6	27.1	26.2	24.2	22.7	21.5	19.7	20.5	18.6	18.5	16.9	18.9	16.3
7	26.7	25.7	23.5	21.9	21.4	19.7	20.9	19.0	19.4	17.4	19.5	17.2
8	26.2	25.2	23.1	20.9	21.6	20.2	22.1	19.5	19.5	17.9	19.5	18.3
9	25.7	24.8	22.1	20.4	22.5	20.6	22.2	20.2	20.6	18.1	18.8	17.5
10	25.4	24.9	21.9	20.4	22.7	21.4	22.4	20.3	20.4	18.5	20.2	17.4
11	25.2	24.8	23.0	20.8	22.5	20.7	22.2	20.5	19.3	17.5	19.3	17.1
12	25.6	24.7	23.2	21.2	21.3	20.0	22.4	20.5	18.8	17.0	19.2	16.8
13	25.1	24.2	23.6	21.8	21.4	19.4	22.3	20.9	18.8	16.7	19.7	17.2
14	25.4	24.2	23.6	21.9	21.1	17.5	21.8	20.3	19.4	17.2	19.8	18.2
15	24.4	23.2	23.6	21.6	17.8	16.6	20.3	18.8	20.4	17.7	20.2	19.2
16	24.0	22.5	23.5	21.7	18.5	15.8	18.8	17.5	20.7	18.0	21.8	19.8
17	22.8	21.5	23.8	21.7	17.7	16.8	17.5	16.0	21.1	18.6	21.0	20.4
18	23.4	21.5	23.4	21.9	19.2	17.1	16.6	15.0	20.7	18.0	20.4	19.1
19	23.9	22.2	23.5	22.0	18.9	17.2	15.6	14.1	20.3	18.1	19.2	17.9
20	25.1	23.3	23.1	21.0	17.9	16.0	15.2	14.0	20.7	18.0	18.4	17.0
21	25.6	24.3	23.0	21.0	17.8	15.6	16.1	14.3	21.5	18.6	18.2	17.4
22	25.7	24.6	23.0	20.9	17.3	15.9	16.7	15.3	22.3	19.5	20.6	18.0
23	25.3	24.3	22.8	21.2	17.8	16.8	17.6	15.9	22.2	20.5	20.4	19.8
24	24.7	23.7	23.1	21.5	17.7	17.3	17.4	15.4	22.7	21.0	21.7	20.3
25	24.5	23.6	23.4	22.0	17.6	16.5	17.2	14.8	22.3	21.3	22.6	21.1
26	24.4	23.4	22.8	21.1	17.2	15.8	17.4	14.9	21.7	21.1	23.2	21.8
27	24.4	23.2	22.1	20.3	17.1	14.7	18.3	15.4	21.3	20.9	24.3	22.4
28	24.1	23.0	22.2	20.3	16.9	14.4	17.6	16.0	22.3	20.2	24.1	22.7
29	24.3	23.0	22.2	20.0	17.2	14.7	18.2	16.7	---	---	24.4	22.2
30	24.5	23.2	22.5	20.0	17.9	15.3	19.7	17.5	---	---	24.0	21.5
31	25.2	23.4	---	---	18.5	16.3	20.0	17.7	---	---	23.5	21.3
MONTH	27.5	21.5	26.2	20.0	22.7	14.4	22.4	14.0	22.7	16.7	24.4	16.1
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	23.5	21.3	23.2	21.5	27.9	26.0	27.0	26.1	28.4	26.9	28.4	27.6
2	23.9	22.2	24.0	22.4	26.1	25.2	27.6	26.3	28.3	27.2	27.9	27.0
3	23.3	21.7	24.3	22.7	25.3	24.6	28.2	26.8	28.7	27.5	28.1	26.7
4	22.6	20.4	23.7	23.2	25.2	24.4	28.3	27.0	29.3	27.5	28.9	27.0
5	22.3	19.9	23.9	22.9	25.4	24.3	28.8	27.3	29.3	27.6	28.3	26.7
6	22.3	20.3	24.6	22.6	25.7	24.5	29.1	27.7	29.5	27.4	28.7	26.5
7	22.5	20.9	24.7	22.2	26.5	25.1	29.3	27.9	29.0	27.2	28.3	26.4
8	23.6	21.5	24.5	22.3	27.0	25.5	30.0	28.0	28.1	26.8	28.5	26.4
9	23.7	21.5	24.6	22.5	26.3	25.6	28.2	26.3	27.7	26.4	29.2	26.4
10	23.8	21.5	24.5	22.8	25.7	25.3	26.3	26.0	28.9	26.4	29.9	26.8
11	24.0	21.3	24.9	23.0	26.5	25.3	27.3	25.9	29.7	26.8	29.9	27.6
12	23.5	21.9	24.7	23.0	26.9	25.9	27.8	26.4	28.7	27.5	30.0	28.1
13	24.3	22.4	25.2	23.1	27.2	26.0	27.8	26.8	30.2	27.3	29.5	27.5
14	24.1	21.9	25.1	23.0	27.9	26.4	27.2	26.3	29.2	27.7	28.7	27.0
15	23.6	21.0	26.0	23.5	28.3	26.7	27.4	26.2	28.6	26.9	28.6	26.3
16	22.9	20.2	26.1	23.5	28.3	27.1	28.0	26.5	29.2	27.5	28.6	26.0
17	22.2	19.6	27.3	23.6	28.8	27.3	28.4	27.0	29.4	27.9	28.3	25.7
18	22.4	19.6	26.6	24.3	28.4	27.3	28.4	27.4	29.8	27.7	28.5	25.8
19	23.1	20.0	26.4	23.8	28.4	27.3	28.4	27.4	29.5	27.8	28.8	26.1
20	22.9	20.7	26.7	24.4	27.8	26.7	28.9	27.6	29.6	27.9	28.2	26.2
21	23.5	21.0	27.6	24.8	27.4	26.3	29.2	27.7	30.0	27.7	28.8	26.3
22	24.3	21.4	27.2	25.4	27.0	26.0	29.3	28.0	30.2	27.5	28.8	26.6
23	24.2	21.7	27.8	25.6	26.0	24.7	30.2	28.2	29.5	27.4	28.4	26.6
24	23.4	21.2	27.8	25.5	25.7	24.5	29.5	28.3	29.1	27.3	29.0	27.1
25	23.2	20.9	28.4	25.9	27.4	25.1	28.7	27.9	29.8	27.3	29.5	27.8
26	22.4	20.9	26.9	25.6	27.9	25.5	28.1	27.3	28.9	27.2	29.4	28.2
27	23.4	20.9	27.5	25.2	26.9	26.1	28.7	27.1	28.5	27.4	29.4	27.5
28	23.1	20.4	28.7	25.8	26.7	26.0	29.4	27.9	28.9	27.4	29.6	26.4
29	22.7	20.4	28.4	25.8	26.8	25.9	29.3	28.2	29.5	27.1	29.0	25.6
30	23.4	21.0	29.3	25.9	27.0	26.2	29.0	28.0	29.3	27.4	27.8	25.6
31	---	---	28.0	26.6	---	---	28.2	27.5	29.4	27.6	---	---
MONTH	24.3	19.6	29.3	21.5	28.8	24.3	30.2	25.9	30.2	26.4	30.0	25.6
YEAR	30.2	14.0										

02301718 ALAFIA RIVER AT RIVERVIEW, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	26.7	25.9	25.3	23.8	22.3	20.8	19.1	17.1	18.8	18.1	20.8	19.6
2	27.2	26.2	25.7	24.4	22.5	21.2	19.6	17.7	18.6	17.9	20.3	18.6
3	27.4	26.3	25.9	24.7	22.4	21.0	19.6	18.2	18.5	17.9	18.6	17.0
4	27.2	26.2	26.0	24.9	22.3	19.9	19.2	18.3	19.0	18.0	18.2	16.5
5	27.0	26.2	25.9	24.0	21.6	20.2	19.1	18.2	18.2	16.9	18.3	16.0
6	27.0	26.2	24.1	22.7	21.7	20.3	19.0	18.3	17.9	16.9	18.3	16.3
7	26.6	25.7	24.1	21.9	21.7	19.8	19.5	18.6	18.3	17.4	19.2	17.2
8	26.1	25.1	23.8	20.9	21.6	20.4	20.7	19.1	18.8	17.9	19.4	18.2
9	25.6	24.7	22.6	20.4	21.9	20.6	21.7	20.1	19.4	18.2	18.8	17.4
10	25.3	24.8	22.1	20.3	22.4	21.4	21.8	20.2	20.3	18.6	19.3	17.3
11	25.1	24.7	23.3	20.7	22.4	20.6	21.7	20.4	19.2	17.6	19.1	17.0
12	25.5	24.6	23.3	21.4	21.0	20.0	21.7	20.5	18.5	17.1	19.0	16.7
13	25.1	24.2	23.5	21.8	21.0	19.3	21.7	20.9	18.3	16.7	19.4	17.1
14	25.3	24.1	23.4	21.9	21.1	17.4	21.7	20.3	18.2	17.5	19.7	18.1
15	24.3	23.1	23.4	21.7	17.9	16.5	20.3	18.7	18.6	18.0	20.1	19.1
16	23.7	22.4	23.4	21.8	17.9	15.8	18.7	17.5	19.5	18.4	20.8	19.8
17	22.7	21.5	23.5	21.9	17.7	17.1	17.5	15.9	19.6	18.8	20.9	20.3
18	22.8	21.4	23.4	22.0	18.7	17.2	15.9	14.9	19.6	18.6	20.3	19.0
19	23.7	22.1	23.4	22.2	18.7	17.8	15.4	14.0	19.6	18.1	19.1	17.9
20	25.0	23.2	23.3	22.2	18.2	16.5	15.1	13.9	19.9	18.1	18.3	16.9
21	25.4	24.3	23.2	22.1	17.7	15.9	15.8	14.3	20.6	18.8	18.1	17.3
22	25.6	24.5	23.2	21.4	16.9	16.2	16.4	15.2	21.5	19.5	20.4	18.0
23	25.2	24.2	23.1	21.5	17.5	16.7	17.7	15.9	21.6	20.4	20.4	19.7
24	24.6	23.6	22.9	21.6	17.6	17.1	16.4	15.3	22.0	21.1	21.6	20.3
25	24.4	23.5	23.2	22.2	17.6	16.4	16.8	14.8	22.1	21.3	22.4	21.0
26	24.3	23.3	22.6	21.2	17.2	15.7	16.9	14.9	21.9	21.1	23.2	21.8
27	24.3	23.1	22.1	20.3	15.9	14.6	18.0	15.4	21.3	20.9	24.4	22.3
28	24.0	22.9	22.1	20.3	16.1	14.3	17.4	16.0	21.8	20.1	24.0	22.6
29	24.2	22.9	22.0	20.0	16.4	14.6	17.8	16.7	---	---	23.9	22.2
30	24.4	23.1	22.2	20.1	17.2	15.4	18.5	17.3	---	---	23.0	21.4
31	24.8	23.3	---	---	18.3	16.3	18.6	17.8	---	---	22.9	21.2
MONTH	27.4	21.4	26.0	20.0	22.5	14.3	21.8	13.9	22.1	16.7	24.4	16.0
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	23.0	21.2	22.9	21.6	28.4	26.0	26.9	26.0	28.2	26.8	28.3	27.6
2	23.7	22.1	23.9	22.3	27.2	25.2	27.5	26.3	28.2	27.1	27.8	26.9
3	23.0	21.6	24.2	22.6	25.7	24.6	28.1	26.7	28.6	27.4	28.0	26.6
4	22.0	20.3	23.7	23.1	26.1	24.3	28.2	26.9	29.2	27.4	28.3	27.0
5	21.9	19.9	23.5	22.8	25.0	24.3	28.7	27.3	29.0	27.5	27.9	26.7
6	22.0	20.2	24.3	22.5	25.6	24.4	29.0	27.6	29.1	27.3	27.8	26.4
7	22.5	20.9	24.3	22.1	26.4	25.1	29.2	27.8	28.9	27.1	27.5	26.4
8	23.2	21.4	24.0	22.3	26.9	25.5	29.5	28.0	27.9	26.8	27.7	26.3
9	23.6	21.6	24.2	22.7	26.2	25.5	28.1	26.2	27.2	26.4	28.1	26.6
10	23.7	21.4	24.2	22.8	25.6	25.2	26.2	25.9	27.9	26.3	29.5	27.2
11	23.3	21.3	24.6	23.1	26.4	25.2	27.2	25.9	28.8	26.7	29.8	27.6
12	23.2	22.0	24.8	23.0	26.8	25.8	27.7	26.3	28.5	27.4	30.0	28.1
13	24.2	22.5	25.1	23.2	27.1	25.9	27.6	26.7	29.6	27.2	29.9	27.5
14	23.9	22.0	25.1	23.5	27.8	26.3	27.1	26.2	29.1	27.6	29.2	26.9
15	22.8	20.9	25.4	24.0	28.2	26.7	27.3	26.1	28.4	26.8	28.9	26.3
16	22.2	20.2	25.8	24.1	28.1	27.0	28.0	26.4	29.0	27.4	28.8	26.2
17	22.0	19.6	25.8	23.9	28.3	27.2	28.3	26.9	29.3	27.8	28.2	26.0
18	22.3	19.7	26.3	24.5	28.3	27.2	28.2	27.3	29.4	27.6	28.3	25.9
19	22.8	20.1	26.3	23.9	28.3	27.2	28.3	27.3	29.2	27.7	28.7	26.3
20	22.8	21.0	26.4	24.7	27.7	26.6	28.8	27.5	29.3	27.8	28.6	26.4
21	23.0	21.4	26.5	25.2	27.3	26.2	29.1	27.6	29.5	27.6	28.9	26.2
22	23.4	21.6	26.5	25.4	26.9	26.0	29.2	28.0	29.2	27.4	28.8	26.9
23	23.9	21.9	27.2	25.6	26.0	24.6	29.5	28.2	28.9	27.3	28.4	26.9
24	23.3	21.1	27.3	25.9	25.6	24.5	29.3	28.2	28.7	27.2	28.7	27.8
25	22.7	20.8	27.6	25.8	26.4	25.0	28.6	27.8	28.2	27.2	29.0	28.4
26	22.3	21.1	27.3	25.5	26.9	25.4	28.0	27.2	28.5	27.1	29.3	28.8
27	22.4	20.8	26.8	25.4	26.8	26.0	28.6	27.0	29.9	27.3	29.5	27.9
28	22.7	20.3	28.0	25.8	26.6	25.9	29.2	27.8	29.6	27.9	29.5	27.3
29	22.9	20.3	27.8	25.8	26.7	25.9	29.2	28.1	29.8	28.0	29.2	26.9
30	23.1	21.0	28.7	25.8	26.9	26.1	28.9	27.9	29.6	27.9	28.6	26.2
31	---	---	28.2	26.6	---	---	28.1	27.4	29.0	27.9	---	---
MONTH	24.2	19.6	28.7	21.6	28.4	24.3	29.5	25.9	29.9	26.3	30.0	25.9
YEAR	30.0	13.9										

02301719 ALAFIA RIVER NEAR GIBSONTON, FL.

LOCATION.--Lat 27° 51'24", long 82° 21'28" (1927 North American datum), in SE$^{1}/_{4}$ sec.24, T.30 S., R.19 E., Hillsborough County, Hydrologic Unit 03100204, on left bank, on wooden private dock, 400 ft downstream from Alafia River Marina, 0.8 mi west of Interstate Highway 75, 2.5 mi east of Gibsonton, and 2.8 mi upstream from mouth.

DRAINAGE AREA.--419 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--November 1999 to September 2003 (maximum and minimum residual discharge); October 2003 to current year (daily mean residual discharge).

GAGE.--Water-stage and velocity recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Discharge records poor. Interruptions in record were due to malfunction of velocity sensor. Discharge is computed from stage and velocity record. Discharge is affected by tide. Instantaneous discharge computed from index-velocity and gage height-to-area equation relation. A ninth-order Butterworth low-pass filter is used to yield the residual discharges for the Alafia River station. The residual discharges are not total "freshwater" flow, but are a combination of freshwater flow and water storage caused by higher or lower Gulf of Mexico mean water levels. The residual discharge is used to estimate mean daily discharge values.

EXTREMES FOR PERIOD OF RECORD.--Maximum residual discharge, 6,970 ft^3/s, Sept. 14, 2001; maximum gage height, 6.19 ft, Sept. 6, 2004; minimum residual discharge, 6,410 ft^3/s, Sept. 17, 2000; minimum gage height recorded, 2.30 ft below NGVD of 1929, Dec. 15, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum residual discharge, 2,180 ft^3/s, June 12; maximum gage height, 4.36 ft, Dec. 26; minimum residual discharge, -1,590 ft^3/s, Jan. 20; minimum gage height recorded, 2.30 ft below NGVD of 1929, Dec. 15, but may have been less when gage was dry during extreme low tides.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	310	317	-996	42	253	311	452	44	---	1,190	746
2	---	301	175	-1,050	-17	443	220	628	331	---	985	774
3	---	463	309	-693	17	306	391	342	353	---	778	978
4	---	385	307	-745	369	16	368	200	444	---	774	941
5	---	704	208	-948	83	266	137	130	667	---	684	774
6	---	538	101	-711	-168	234	153	452	1,050	---	671	704
7	---	352	205	-960	-223	61	204	210	987	---	499	614
8	---	448	282	-910	-187	257	378	146	963	---	636	645
9	---	530	152	-692	-94	145	273	203	1,270	---	824	479
10	---	283	98	-501	80	-86	318	189	1,460	---	845	414
11	---	195	229	-748	13	218	108	196	1,500	1,690	748	363
12	---	229	37	-888	29	83	108	48	2,060	1,580	805	168
13	---	461	-12	-1,030	-33	168	122	58	1,670	1,520	672	304
14	---	437	222	-300	138	243	298	39	1,650	1,710	755	252
15	---	243	268	257	205	34	419	186	1,290	1,590	895	323
16	---	192	-71	318	175	243	292	233	1,000	1,630	549	300
17	954	247	-250	90	227	1,150	187	143	883	1,430	472	270
18	849	182	-321	68	307	1,260	15	260	---	1,150	419	168
19	891	146	-173	-820	-127	1,080	-72	277	---	1,020	449	166
20	804	200	57	-1,240	-96	984	-4.5	179	---	934	493	539
21	902	313	-370	-401	-27	785	101	247	---	804	338	-198
22	919	241	-684	395	91	800	81	162	---	936	500	188
23	797	232	-642	631	0.67	883	103	56	---	801	805	145
24	761	181	-385	191	37	895	7.6	-112	---	948	960	302
25	730	316	-507	52	56	831	55	202	---	1,290	1,070	395
26	698	369	-168	190	-91	770	-57	11	---	1,590	812	70
27	611	213	-105	308	20	628	306	196	---	1,420	-155	242
28	544	563	-282	322	538	299	211	264	---	1,070	305	265
29	571	338	-629	-200	---	511	157	200	---	1,110	437	489
30	569	236	-786	144	---	439	205	138	---	1,200	746	495
31	527	---	-815	223	---	519	---	7.1	---	1,280	780	---
MEAN	---	328	-104	-343	48.7	475	180	192	---	---	669	410
MAX	---	704	317	631	538	1,260	419	628	---	---	1,190	978
MIN	---	146	-815	-1,240	-223	-86	-72	-112	---	---	-155	-198
MED	---	305	-12	-401	25	306	172	196	---	---	746	343

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2005, BY WATER YEAR (WY)

MEAN	379	260	32.0	-65.7	203	522	292	239	881	764	669	567
MAX	379	328	168	212	352	783	348	286	1,292	764	669	724
(WY)	(2004)	(2005)	(2004)	(2004)	(2004)	(2003)	(2003)	(2004)	(2003)	(2003)	(2005)	(2003)
MIN	379	155	-104	-343	48.7	307	180	192	471	764	669	410
(WY)	(2004)	(2004)	(2005)	(2005)	(2005)	(2004)	(2005)	(2005)	(2004)	(2003)	(2005)	(2005)

SUMMARY STATISTICS	WATER YEARS 2003 - 2005	
HIGHEST DAILY MEAN	4,580	Jun 23, 2003
LOWEST DAILY MEAN	-1,240	Jan 20, 2005
ANNUAL SEVEN-DAY MINIMUM	-872	Jan 1, 2005

02301719 ALAFIA RIVER NEAR GIBSONTON, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 1999 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located near the bottom.

REMARKS.--Interruptions in record were due to extreme low tides. Records poor.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 49,400 microsiemens, June 19, 2001; minimum, 74 microsiemens, Dec. 15, 2004.

TEMPERATURE.--Maximum, 33.8° C, June 17, 2001; minimum, 8.5° C, Jan. 24, 2005.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Maximum, 37,600 microsiemens, July 18; minimum, 74 microsiemens, Dec. 15.

TEMPERATURE.--Maximum, 32.2° C, Aug. 13; minimum, 8.5° C, Jan. 24.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	389	278	---	---	---	---	16,200	8,770	27,200	14,200	---	---
2	354	294	---	---	---	---	16,700	10,500	31,100	15,900	---	---
3	384	326	---	---	---	---	16,100	10,400	28,100	14,900	---	---
4	569	336	---	---	---	---	17,300	10,700	28,900	8,970	---	---
5	501	371	---	---	---	---	18,400	9,150	29,500	10,700	---	---
6	798	390	---	---	---	---	17,200	8,470	29,300	12,000	---	---
7	696	399	---	---	---	---	17,300	7,460	29,600	12,800	---	---
8	13,700	410	---	---	---	---	17,500	7,460	29,100	14,100	---	---
9	18,400	771	---	---	---	---	17,600	6,750	28,300	13,400	---	---
10	23,100	1,150	---	---	---	---	17,500	6,270	26,100	9,370	---	---
11	24,700	1,590	---	---	---	---	17,800	7,390	---	5,650	---	---
12	21,700	1,080	---	---	32,800	110	18,700	8,570	---	---	---	---
13	13,800	486	---	---	33,300	7,490	18,600	11,400	---	---	---	---
14	---	---	---	---	31,900	7,690	18,200	5,080	---	---	---	---
15	---	---	---	---	23,100	74	9,460	787	---	---	---	---
16	---	---	---	---	34,100	5,560	968	423	---	---	---	---
17	---	---	---	---	35,700	15,300	10,300	346	---	---	---	---
18	---	---	---	---	34,100	13,400	14,400	548	---	---	---	---
19	---	---	---	---	28,800	9,770	15,000	2,770	---	---	787	281
20	---	---	---	---	29,900	6,250	15,200	3,840	---	---	11,500	364
21	---	---	---	---	34,700	8,790	17,100	4,440	---	---	26,600	562
22	---	---	---	---	35,400	14,200	25,400	5,510	---	---	28,700	2,610
23	---	---	---	---	35,700	21,400	25,400	4,200	---	---	25,400	1,940
24	---	---	---	---	30,800	13,100	21,800	2,680	---	---	11,500	522
25	---	---	---	---	30,000	12,100	24,900	6,780	---	---	26,900	915
26	---	---	---	---	34,100	1,840	24,300	7,710	---	---	15,700	821
27	---	---	---	---	10,300	79	22,700	7,000	---	---	27,900	2,400
28	---	---	---	---	13,500	125	24,200	6,500	---	---	19,400	650
29	---	---	---	---	15,900	5,810	23,600	9,100	---	---	1,880	553
30	---	---	---	---	17,400	7,730	26,300	9,890	---	---	25,400	1,040
31	---	---	---	---	17,200	8,750	23,400	10,300	---	---	31,500	5,260
MONTH	---	---	---	---	---	---	26,300	346	---	---	---	---

02301719 ALAFIA RIVER NEAR GIBSONTON, FL.—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	32,800	5,070	32,100	6,010	---	---	---	---	32,400	1,060	30,800	4,800
2	19,400	2,770	27,600	4,030	---	---	---	---	36,600	1,800	30,900	4,210
3	16,800	1,810	34,600	3,500	---	---	---	---	34,800	2,940	28,200	3,090
4	31,200	1,500	35,100	10,500	---	---	---	---	33,500	2,040	26,400	4,950
5	31,500	6,850	30,400	10,300	---	---	---	---	32,300	3,440	27,200	6,990
6	32,800	10,200	29,100	6,940	---	---	---	---	27,200	1,950	33,400	6,630
7	31,100	13,800	31,700	7,490	---	---	---	---	---	---	34,800	10,900
8	25,500	3,720	32,600	7,620	---	---	32,200	---	---	---	---	---
9	15,700	1,310	33,100	7,420	---	---	26,400	2,530	---	---	---	---
10	25,700	1,420	33,500	8,230	---	---	33,100	2,700	---	---	---	---
11	33,900	4,780	34,200	7,810	---	---	11,400	423	---	---	---	---
12	33,700	10,400	35,800	8,800	---	---	2,100	393	---	---	---	---
13	22,700	4,760	36,300	11,700	---	---	9,420	402	---	---	---	---
14	16,900	2,900	35,700	15,800	---	---	9,790	309	---	---	---	---
15	29,300	2,060	30,900	17,500	---	---	852	268	---	---	---	---
16	27,600	4,570	30,300	13,300	---	---	1,540	305	---	---	---	---
17	29,800	6,680	32,100	10,900	---	---	10,700	346	---	---	---	---
18	33,000	8,530	32,200	13,600	---	---	37,600	421	---	---	---	---
19	33,100	15,000	32,700	11,900	---	---	37,000	2,960	---	---	---	---
20	32,300	16,900	32,200	9,020	---	---	35,300	4,030	---	---	---	---
21	31,300	14,600	26,100	8,210	---	---	36,300	4,840	---	---	---	---
22	30,700	12,800	28,900	7,400	---	---	31,300	1,770	---	---	---	---
23	29,300	15,600	32,500	7,160	---	---	8,180	626	---	---	---	---
24	24,700	7,140	28,300	6,430	---	---	15,100	568	---	---	---	---
25	32,700	6,600	27,200	5,260	---	---	21,400	561	---	---	---	---
26	34,900	9,670	34,700	5,000	---	---	15,500	371	---	---	---	---
27	34,100	7,570	35,600	10,400	---	---	502	319	---	---	---	---
28	33,300	4,640	31,000	10,900	---	---	793	381	---	---	---	---
29	37,200	5,690	26,700	8,960	---	---	18,000	496	---	---	---	---
30	36,200	8,310	28,100	11,200	---	---	27,100	539	---	---	---	---
31	---	---	29,100	11,500	---	---	32,800	1,220	27,200	4,480	---	---
MONTH	37,200	1,310	36,300	3,500	---	---	---	---	---	---	---	---

02301719 ALAFIA RIVER NEAR GIBSONTON, FL.—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	27.6	25.9	---	---	---	---	18.9	16.0	18.4	16.9	20.8	18.5
2	28.7	26.0	---	---	---	---	19.5	16.5	17.9	17.0	19.9	16.9
3	28.9	26.0	---	---	---	---	19.7	16.7	18.9	17.4	18.8	16.7
4	29.1	26.1	---	---	---	---	19.4	17.1	19.1	16.5	18.6	15.9
5	28.6	26.2	---	---	---	---	18.7	17.4	17.6	12.5	19.2	16.5
6	28.4	25.9	---	---	---	---	20.1	18.2	17.4	14.3	19.9	16.9
7	27.6	25.2	---	---	---	---	20.9	18.3	18.0	16.7	20.3	18.0
8	27.4	24.4	---	---	---	---	20.9	18.9	18.8	17.0	19.7	18.7
9	26.7	24.9	---	---	---	---	20.9	19.0	19.7	17.2	19.4	16.7
10	26.8	24.9	---	---	---	---	22.4	19.1	20.0	18.1	19.2	17.0
11	26.6	24.8	---	---	---	---	21.7	19.9	18.4	15.3	19.9	17.9
12	26.6	24.5	---	---	20.7	15.3	22.0	19.6	18.1	15.7	19.6	17.9
13	26.3	24.4	---	---	21.6	18.6	21.9	19.9	18.0	16.4	20.5	18.3
14	---	23.6	---	---	20.5	15.8	21.3	19.3	18.6	16.8	21.0	19.6
15	---	---	---	---	18.2	10.9	20.6	18.1	20.9	17.7	20.5	19.7
16	---	---	---	---	19.1	14.0	18.9	17.0	20.7	18.7	21.1	19.5
17	---	---	---	---	17.7	15.8	18.1	14.5	21.2	19.0	20.7	20.1
18	---	---	---	---	19.3	16.4	16.8	10.9	20.5	15.4	21.8	19.0
19	---	---	---	---	18.3	16.7	16.6	10.9	19.5	14.5	21.4	15.9
20	---	---	---	---	16.8	14.1	16.7	14.1	20.3	17.3	19.6	15.8
21	---	---	---	---	17.1	13.6	17.2	14.6	21.2	18.9	19.3	17.4
22	---	---	---	---	17.4	15.3	17.2	15.6	23.0	20.1	21.5	18.5
23	---	---	---	---	18.0	16.5	17.1	14.5	23.0	20.6	20.4	20.0
24	---	---	---	---	17.7	16.6	16.5	8.5	22.6	21.2	22.3	20.0
25	---	---	---	---	16.9	15.4	17.0	14.3	22.2	21.3	23.6	21.1
26	---	---	---	---	15.8	14.6	17.6	16.0	21.5	19.9	24.8	22.4
27	---	---	---	---	17.2	11.8	18.9	16.6	20.8	20.2	24.1	22.6
28	---	---	---	---	18.6	12.5	18.4	16.8	22.2	20.1	23.8	22.0
29	---	---	---	---	18.0	14.6	17.4	16.1	---	---	23.4	21.0
30	---	---	---	---	18.6	15.0	19.3	16.6	---	---	23.8	21.6
31	---	---	---	---	18.5	15.3	19.2	17.3	---	---	25.2	22.6
MONTH	---	---	---	---	---	---	22.4	8.5	23.0	12.5	25.2	15.8
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.1	21.9	24.0	21.2	---	---	---	---	30.3	28.3	30.6	28.7
2	23.9	21.9	26.3	22.4	---	---	---	---	30.2	28.3	30.4	27.8
3	23.0	17.1	25.3	22.8	---	---	---	---	30.4	28.5	30.1	27.2
4	23.7	18.6	24.4	23.5	---	---	---	---	31.1	28.9	29.9	27.8
5	24.5	20.8	24.1	22.7	---	---	---	---	31.0	28.6	29.6	27.7
6	24.6	21.6	25.5	22.3	27.3	26.1	---	---	31.9	28.5	29.6	27.8
7	23.7	22.2	26.0	22.3	27.4	26.1	---	---	31.7	28.4	29.6	28.2
8	24.1	21.9	26.2	23.7	28.0	26.2	---	28.5	30.6	28.1	29.4	27.9
9	24.4	21.6	26.3	23.5	27.6	26.1	29.2	26.7	30.1	27.9	30.0	27.7
10	25.2	22.0	27.6	23.8	26.4	25.4	29.2	26.4	30.5	27.7	31.0	28.7
11	24.4	22.2	26.6	24.2	27.0	25.4	28.3	26.3	32.0	28.5	31.4	28.8
12	25.0	22.6	26.2	23.8	27.3	26.1	29.5	26.3	31.8	29.2	31.1	28.8
13	25.1	22.7	26.1	23.8	27.2	26.2	28.9	27.0	32.2	29.6	30.6	29.3
14	24.9	22.4	25.9	23.5	28.7	26.4	29.2	26.8	31.7	29.6	30.2	29.1
15	23.9	20.2	27.5	24.7	29.2	27.2	28.9	26.2	30.8	29.1	30.0	28.4
16	23.6	17.4	28.1	25.2	29.6	27.8	30.1	26.5	31.5	29.6	30.1	28.6
17	23.4	18.7	27.9	25.2	29.6	28.0	30.1	27.1	31.6	30.0	30.5	27.9
18	23.6	19.0	28.5	25.7	---	---	29.5	28.2	31.6	30.0	30.2	27.9
19	23.9	21.1	28.2	25.4	---	---	29.5	28.4	31.9	29.6	29.9	28.4
20	24.2	21.7	29.0	25.9	---	---	30.1	28.5	32.0	29.6	29.9	27.2
21	25.4	22.2	29.3	26.9	29.0	27.5	30.4	28.6	32.1	29.8	29.2	27.3
22	25.9	22.1	29.3	27.1	28.6	26.6	30.5	28.7	32.1	30.2	28.5	27.7
23	24.8	22.7	30.0	26.9	28.3	25.6	30.7	28.3	31.6	29.0	28.8	28.0
24	24.0	21.3	29.2	27.1	26.7	24.8	31.0	28.5	31.8	29.0	29.8	28.2
25	24.1	20.9	29.8	25.7	---	---	30.6	28.1	31.1	28.6	30.0	28.5
26	23.1	21.3	28.6	25.7	---	---	30.2	28.2	31.0	27.8	30.7	28.5
27	24.3	21.5	29.7	25.8	---	---	30.5	27.2	30.5	29.5	30.7	29.1
28	24.4	20.9	30.3	26.4	---	---	31.0	28.1	30.3	29.6	29.9	28.4
29	24.8	21.6	30.1	27.1	---	---	31.2	28.6	30.3	29.6	29.5	28.0
30	24.5	22.0	31.0	28.1	---	---	31.5	28.5	30.8	29.6	29.2	28.1
31	---	---	30.1	28.4	---	---	30.4	28.6	31.0	29.3	---	---
MONTH	25.9	17.1	31.0	21.2	---	---	---	---	32.2	27.7	31.4	27.2

02301721 ALAFIA RIVER AT GIBSONTON, FL.

LOCATION.--Lat 27° 51'34", long 82° 23'04" (1927 North American datum), in NW$^{1}/_{4}$ sec.23, T.30 S., R.19 E., Hillsborough County, Hydrologic Unit 03100204 , on Williams Park fishing dock on right bank, 100 ft downstream from bridge on U.S. Highway 41, 0.6 mi north of Gibsonton, and 1.1 mi upstream from mouth.

DRAINAGE AREA.--418 mi^2.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--January 1987 to September 1989 (tidal stage data); October 1998 to September 2003 (gage heights only); October 2003 to September 2004 (tidal high-high and low-low only).

GAGE.--Water-stage recorder. Datum of gage is at National Geodetic Vertical Datum of 1929. Prior to October 1, 2004, datum of gage is 10.00 ft below NGVD 1929.

REMARKS.--Records poor. Interruptions in record were due to days in which a tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low. The extremes for periods published previously as maximum and minimum gage heights are equivalent to tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum high-high, 5.70 ft, Sept. 6, 2004; minimum gage height, 2.89 ft below NGVD 1929, Dec. 15, 2004 (at present datum).

EXTREMES FOR CURRENT YEAR.--Maximum high-high, 4.02 ft, Dec. 26; minimum low-low, 2.89 ft below NGVD 1929, Dec. 15.

TIDE STAGE, CODE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	2.62	-0.61	1.37	-0.89	1.73	-0.73	1.06	-0.76
2	---	---	---	---	2.21	-0.35	1.43	-0.54	1.54	-0.91	0.76	-1.10
3	---	---	---	---	2.01	-0.74	1.51	-0.58	1.91	-1.20	0.99	-1.90
4	---	---	---	---	1.63	-0.70	1.64	-0.35	0.67	-1.54	1.46	-1.32
5	---	---	---	---	1.81	-0.73	1.87	-0.62	1.30	-2.23	0.79	-1.77
6	---	---	---	---	2.18	0.36	1.85	-0.98	2.10	-2.33	1.33	-1.91
7	---	---	---	---	2.52	-0.02	1.85	-1.27	0.52	-1.95	0.78	-1.82
8	---	---	---	---	2.19	-0.24	2.13	-1.41	2.21	-1.36	2.17	-0.45
9	---	---	1.92	-0.81	2.01	-1.02	0.65	-1.79	2.36	-1.27	1.02	-2.12
10	---	---	2.36	-1.20	2.90	0.05	2.15	-1.77	2.39	-0.85	1.74	-1.28
11	---	---	2.90	-0.47	2.95	-0.39	2.34	-1.59	0.47	-2.33	1.86	-0.74
12	---	---	2.66	-0.33	---	-2.11	2.59	-1.11	0.64	-1.50	1.21	-1.14
13	---	---	3.44	-0.39	2.57	-1.34	2.60	-0.51	1.52	-0.67	1.50	-1.07
14	---	---	2.47	-1.40	2.69	-1.36	2.65	-0.84	1.25	-0.76	1.22	-0.41
15	---	---	1.15	-1.72	0.36	-2.89	0.44	-1.28	1.04	-0.92	1.22	-1.49
16	---	---	1.71	-1.22	0.60	-1.83	0.24	-1.13	1.02	-1.39	2.10	-1.30
17	---	---	2.19	-0.67	1.15	-0.89	0.68	-1.54	0.89	-1.21	1.91	-0.27
18	---	---	2.08	-0.40	1.34	-0.42	0.68	-1.59	0.24	-2.25	0.88	-0.70
19	---	---	2.30	-0.02	1.48	-0.53	1.45	-1.79	0.38	-2.57	0.64	-1.44
20	---	---	2.46	0.33	0.84	-0.78	2.15	-1.37	0.06	-2.29	1.23	-1.54
21	---	---	2.36	0.50	1.75	-0.98	2.29	-0.70	0.80	-2.04	1.70	-1.21
22	---	---	2.59	0.17	2.40	-1.06	2.68	-0.97	0.94	-2.17	1.50	-0.74
23	---	---	2.32	0.14	2.12	-0.34	0.06	-1.00	0.88	-2.15	2.11	-0.74
24	---	---	3.78	0.40	1.60	-0.96	0.45	-2.04	1.08	-1.56	2.07	-0.73
25	---	---	2.05	0.81	0.87	-1.73	1.63	-1.32	1.58	-1.83	1.82	-0.56
26	---	---	2.28	-1.14	4.02	-1.28	2.23	-0.86	1.25	-1.31	1.82	-0.82
27	---	---	3.46	-0.59	0.45	-1.90	2.00	-1.15	3.33	-0.06	2.24	-0.51
28	---	---	1.52	-0.58	0.75	-2.01	1.48	-1.44	2.22	0.24	2.07	-0.90
29	---	---	2.14	-0.98	1.42	-1.38	1.35	-0.72	---	---	1.47	-1.52
30	---	---	2.48	-0.58	1.66	-1.31	2.05	-0.15	---	---	1.44	0.11
31	---	---	---	---	1.79	-0.87	1.42	-0.41	---	---	2.00	-1.58
MAX	---	---	---	---	---	0.36	2.68	-0.15	3.33	0.24	2.24	0.11
MIN	---	---	---	---	---	-2.89	0.06	-2.04	0.06	-2.57	0.64	-2.12

02301721 ALAFIA RIVER AT GIBSONTON, FL.—Continued

TIDE STAGE, CODE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	2.07		-1.55		2.64		-1.01		1.89		0.16		2.11		-0.52		2.30		-0.77		2.38		-0.67	
2	1.70		-0.82		1.65		-0.57		2.17		-0.26		2.40		-0.54		2.37		-0.82		2.58		-0.44	
3	0.82		-2.36		1.45		-0.81		2.40		-0.14		2.43		-0.77		2.44		-0.81		2.16		-0.66	
4	1.15		-2.02		2.11		-0.42		2.38		-0.67		2.28		-0.95		2.41		-0.91		1.90		-0.35	
5	1.03		-1.54		2.53		-0.10		2.45		-0.95		2.55		-0.89		2.50		-0.81		1.48		-0.34	
6	1.69		-1.06		1.53		-1.21		2.39		-0.92		2.75		-0.67		2.30		-0.93		1.81		-0.28	
7	1.98		-0.56		1.76		-1.20		2.48		-1.11		2.51		-0.83		2.40		-0.70		1.90		-0.25	
8	2.57		-0.80		2.45		-0.85		2.36		-0.97		2.49		-0.84		2.01		-0.29		1.82		-0.38	
9	1.69		-1.32		2.54		-0.94		2.29		-0.99		2.42		0.26		1.80		-0.19		1.80		-0.35	
10	1.67		-1.65		2.57		-0.92		1.79		-0.53		3.94		0.46		1.78		-0.07		1.86		-0.57	
11	2.10		-1.10		2.30		-1.15		2.43		---		2.27		-0.68		1.77		-0.12		1.79		-0.71	
12	2.43		-0.45		2.30		---		2.03		-0.11		1.88		-0.29		1.93		-0.27		1.99		-0.54	
13	2.11		1.00		2.02		-0.92		1.30		-0.56		1.61		0.40		2.04		-0.43		2.52		-0.57	
14	1.84		-1.01		2.05		-0.97		1.56		-0.46		1.86		-0.01		2.17		-0.64		1.91		-0.42	
15	0.73		-1.63		1.93		-0.62		1.50		-0.30		2.09		-0.18		2.33		-1.04		2.70		-0.51	
16	0.48		-2.21		1.50		-0.50		1.86		0.01		2.25		-0.33		2.46		-0.91		2.93		-0.32	
17	0.59		-2.15		1.41		-0.59		2.17		-0.15		2.25		-0.88		2.67		-1.04		2.56		-0.25	
18	0.67		-1.72		1.54		-0.57		2.37		-0.65		2.49		-0.95		2.94		-0.93		2.56		-0.08	
19	1.09		-1.31		1.72		-0.44		2.30		-1.06		2.80		-1.04		3.00		-0.80		2.01		-0.32	
20	1.35		-0.99		2.13		-0.20		2.20		-1.74		2.96		-0.98		2.97		-0.62		1.33		-1.32	
21	1.59		-0.67		2.38		-0.56		2.36		-1.22		3.04		-0.85		2.69		-0.24		2.69		-1.01	
22	1.71		-0.59		2.14		-1.07		2.82		-1.35		3.02		-0.77		2.39		-0.09		3.76		0.13	
23	2.20		-0.21		2.42		-1.17		---		---		2.56		-0.88		2.15		-0.09		3.21		0.14	
24	1.38		-1.34		2.72		-0.89		---		---		2.39		-0.69		2.12		-0.25		2.61		-0.07	
25	1.66		-1.32		2.94		-1.22		---		---		1.95		-0.15		1.95		-0.77		2.04		-0.14	
26	2.77		-0.73		2.73		-1.15		---		---		1.86		-0.23		0.53		-1.54		1.94		-0.11	
27	2.71		1.09		2.87		---		1.79		-0.50		1.85		-0.31		2.72		0.85		1.96		-0.10	
28	1.90		-1.12		2.47		-1.03		1.78		-0.36		1.78		-0.56		3.14		0.29		2.36		0.17	
29	2.51		-1.25		1.95		-0.79		1.98		-0.07		1.99		-0.53		2.92		0.38		2.70		0.49	
30	2.73		-0.77		2.02		-0.58		2.00		-0.33		2.05		-0.86		2.07		0.10		2.27		-0.25	
31	---		---		2.17		-0.19		---		---		2.23		-0.75		2.47		-0.36		---		---	
MAX	2.77		1.09		2.94		---		---		---		3.94		0.46		3.14		0.85		3.76		0.49	
MIN	0.48		-2.36		1.41		---		---		---		1.61		-1.04		0.53		-1.54		1.33		-1.32	

02301721 ALAFIA RIVER AT GIBSONTON, FL.

PERIOD OF RECORD.--May 1999 to May 2000 (top and bottom sensors); June 2000 to current year (top, middle, and bottom sensors).

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located 1.10 ft below NGVD, 3.70 ft below National Geodetic Vertical Datum of 1929, and 6.50 ft below NGVD of 1929.

REMARKS.--Specific conductance records fair, temperature records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 52,200 microsiemens, June 3, 2000; middle sensor maximumn, 50,800 microsiemens, June 16, 2001; bottom sensor maximum, 51,900 microsiemens, June 3, 2000; top sensor minimum, 140 microsiemens, Sept.15, 2001; middle sensor minimum, 120 microsiemens, Sept. 6, 2004; bottom sensor minimum, 140 microsiemens, Sept. 15, 2001, Jan. 1-3, 2003.

TEMPERATURE.--Top sensor maximum, 34.1° C, May 12, 2003; middle sensor maximum, 33.6° C, June 14, 2001; bottom sensor maximum, 33.4° C, June 14, 2001; top sensor minimum, 9.0° C, Jan. 1, 2001; middle sensor minimum, 11.1° C, Jan. 4, 2001; bottom sensor minimum, 11.3° C, Jan. 4, 5, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 44,200 microsiemens, Feb. 19; middle sensor maximum, 44,300 microsiemens, Feb. 27; bottom sensor maximum, 42,500 microsiemens, Oct. 7; top sensor minimum, 290 microsiemens, Oct. 1; middle sensor minimum, 343 microsiemens, July 2; bottom sensor minimum, 302 microsiemens, Oct. 1.

TEMPERATURE.--Top sensor maximum, 33.6° C, Aug. 19; middle sensor maximum, 33.2° C, Aug. 20; bottom sensor maximum, 33.1° C, Aug. 20; top sensor minimum, 12.4° C, Dec. 16; middle sensor minimum, 12.8° C, Dec. 16; bottom sensor minimum, 13.4° C, Dec. 28.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	22,100	290	37,900	10,600	37,400	13,700	37,600	15,000	42,700	16,300	32,800	4,820
2	29,200	333	37,700	13,000	36,300	13,800	38,100	15,700	42,800	20,300	36,100	2,340
3	31,200	398	36,400	10,700	36,900	12,000	38,500	17,000	41,800	20,800	37,600	3,360
4	26,500	1,490	35,800	10,200	37,700	13,300	38,300	19,400	42,600	17,500	38,100	10,300
5	30,600	1,210	35,800	7,890	39,200	14,300	37,800	16,600	43,700	17,700	38,000	7,120
6	27,400	2,110	37,000	8,520	38,500	18,500	37,600	15,400	43,700	25,200	36,800	8,710
7	38,600	2,030	37,400	12,600	38,200	18,000	37,500	15,300	43,500	24,600	37,400	10,300
8	33,800	2,500	38,900	11,800	36,800	16,700	37,300	16,000	43,700	23,800	36,400	19,700
9	35,900	3,910	40,400	10,500	37,700	14,000	37,400	11,100	43,400	23,500	39,600	5,790
10	37,000	3,860	41,400	16,200	36,500	15,200	37,600	11,500	42,500	25,600	39,700	11,000
11	35,300	5,460	40,800	15,700	35,400	12,700	38,500	14,900	41,400	15,500	39,500	15,900
12	37,500	3,670	39,900	16,100	35,000	6,580	39,200	19,000	42,600	16,500	37,700	7,880
13	31,600	2,370	39,000	15,900	34,600	11,000	39,200	25,100	42,900	21,400	37,900	11,100
14	31,400	1,530	40,200	15,900	34,400	11,700	39,100	15,900	43,000	19,500	38,000	8,800
15	30,000	2,410	40,800	14,700	35,500	15,600	39,000	6,460	42,300	16,100	39,200	7,460
16	32,400	2,820	41,100	19,000	36,400	11,500	38,200	2,710	42,400	13,600	39,000	13,200
17	31,100	4,000	40,500	18,200	37,000	18,400	38,400	3,240	42,700	16,400	33,500	5,160
18	34,700	5,490	40,100	16,900	37,100	15,700	39,400	2,380	42,900	11,300	12,000	1,140
19	32,700	5,840	40,300	17,900	34,900	21,300	39,500	8,610	44,200	16,400	32,300	527
20	31,700	4,620	40,200	18,800	35,800	10,500	36,400	6,610	43,400	22,200	35,200	1,440
21	29,100	4,050	39,600	20,600	36,800	12,600	38,500	7,500	42,600	21,400	37,900	3,340
22	36,600	4,710	39,100	19,400	37,600	14,700	37,900	9,030	41,800	19,600	37,500	4,280
23	36,700	7,280	39,400	17,400	35,800	21,500	37,400	10,100	41,400	18,500	36,600	5,340
24	36,700	7,820	38,600	17,500	36,300	15,900	40,200	8,800	40,500	21,800	36,500	3,310
25	34,400	7,220	36,500	23,200	37,600	13,400	40,100	9,660	40,800	18,100	36,600	4,160
26	37,400	6,260	37,600	10,800	37,600	10,600	38,500	13,500	40,600	20,700	35,700	3,980
27	37,800	9,020	37,800	12,400	36,500	3,030	39,800	11,800	40,100	24,200	37,000	6,300
28	37,400	9,760	36,200	13,500	37,300	7,550	41,000	16,100	36,100	11,300	34,500	3,060
29	37,400	9,970	38,500	12,100	37,300	8,000	42,000	22,400	---	---	28,500	2,620
30	36,200	9,590	38,100	13,600	37,600	12,700	40,400	20,000	---	---	36,000	2,590
31	36,800	9,280	---	---	38,000	13,900	41,500	14,200	---	---	36,600	5,860
MONTH	38,600	290	41,400	7,890	39,200	3,030	42,000	2,380	44,200	11,300	39,700	527

02301721 ALAFIA RIVER AT GIBSONTON, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	36,300	6,410	37,200	15,400	37,500	19,500	23,100	348	33,700	4,200	35,600	7,270
2	31,900	9,600	36,800	10,900	37,700	11,900	8,090	338	33,900	4,370	35,800	8,810
3	34,700	5,780	36,600	5,350	37,700	10,700	15,700	493	35,000	5,630	36,400	8,740
4	36,100	4,350	36,000	9,760	37,400	11,700	29,900	1,850	35,400	4,730	36,900	9,410
5	37,600	8,080	36,700	16,100	36,400	8,390	32,200	3,320	32,400	5,780	36,600	11,600
6	37,300	12,800	36,200	10,500	37,600	5,720	33,200	3,990	33,000	6,730	36,800	11,300
7	36,700	16,500	36,600	13,500	35,300	5,090	32,800	6,760	31,200	5,220	36,700	11,200
8	33,900	12,200	36,400	13,800	35,800	8,210	34,200	12,200	32,200	6,410	35,100	11,200
9	33,100	5,120	36,100	10,400	37,100	7,580	36,000	12,000	32,900	5,460	36,300	11,000
10	35,600	9,200	35,300	10,500	38,300	5,490	34,400	5,790	31,700	3,840	36,200	9,940
11	37,500	13,800	34,800	13,600	37,700	4,280	33,000	1,750	31,400	4,380	36,100	15,000
12	37,000	16,300	35,400	13,500	35,500	2,320	32,300	1,900	32,800	4,070	35,800	15,500
13	33,800	12,000	35,600	17,700	33,400	1,190	34,600	2,140	33,800	8,080	33,800	14,900
14	32,500	7,010	36,600	20,300	36,400	1,980	34,800	1,590	32,400	8,350	32,700	12,300
15	36,400	5,280	36,400	19,800	36,100	2,380	34,600	1,020	32,400	5,630	32,700	11,700
16	37,200	13,000	35,900	16,700	35,200	1,490	35,400	825	33,000	6,750	34,400	14,100
17	37,500	14,800	36,800	12,100	34,300	1,780	35,500	1,410	33,400	11,200	33,300	17,900
18	37,900	14,500	37,700	15,600	36,400	3,450	36,300	5,320	34,400	10,600	33,400	18,600
19	38,800	16,300	37,500	16,700	38,000	6,390	37,100	8,090	34,000	15,200	33,800	17,300
20	38,600	20,100	37,300	17,900	39,300	8,200	36,800	8,980	35,200	13,500	33,700	17,200
21	38,500	23,100	34,900	17,200	39,300	11,200	36,700	9,620	34,200	14,300	33,800	19,900
22	38,000	22,400	36,900	14,800	38,900	10,900	35,100	7,050	34,500	12,500	34,400	20,800
23	36,500	23,600	36,600	13,400	---	---	26,100	2,110	35,100	8,350	35,100	18,800
24	37,500	16,700	34,100	16,400	---	---	33,500	2,260	35,300	6,090	34,700	19,400
25	38,300	11,400	33,800	11,200	---	---	34,700	3,260	35,200	8,410	35,400	20,100
26	38,700	18,300	36,700	12,100	---	---	35,600	2,100	34,200	7,670	36,000	19,200
27	38,100	10,800	37,500	16,700	35,700	4,740	30,800	1,010	36,900	19,700	34,200	16,400
28	38,100	9,980	36,700	15,500	24,700	1,420	32,700	799	37,500	17,000	36,500	17,000
29	38,400	10,700	36,000	17,500	17,700	744	32,900	3,320	37,000	12,300	36,600	15,200
30	37,600	11,300	37,300	17,700	24,700	644	34,300	3,950	35,300	8,680	37,700	16,900
31	---	---	37,000	19,800	---	---	34,000	5,110	34,000	6,410	---	---
MONTH	38,800	4,350	37,700	5,350	---	---	37,100	338	37,500	3,840	37,700	7,270

02301721 ALAFIA RIVER AT GIBSONTON, FL.—Continued

SPECIFIC CONDUCTANCE, (MIDDLE) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29,400	645	34,800	12,500	36,700	17,900	35,400	16,200	42,100	30,200	41,300	6,470
2	29,800	595	34,400	14,100	35,900	16,700	35,700	17,100	42,000	23,900	41,400	6,030
3	29,900	354	33,800	13,300	36,400	13,900	36,100	17,600	41,700	23,300	43,100	5,450
4	27,900	1,600	33,400	13,500	37,300	16,800	36,000	27,000	42,000	19,300	43,800	14,300
5	30,000	1,690	33,500	8,920	37,800	16,500	35,600	23,200	42,900	20,200	44,100	14,500
6	33,100	2,260	34,900	9,900	37,200	24,600	35,600	17,600	43,000	25,300	43,400	12,300
7	37,300	2,040	35,600	14,100	36,900	21,800	35,700	17,500	43,000	26,100	44,200	14,500
8	36,400	4,000	37,100	14,000	35,900	23,600	35,600	18,700	43,200	29,000	42,800	28,300
9	35,700	4,950	38,300	13,700	36,300	16,400	35,000	18,100	43,200	30,500	42,600	11,400
10	35,600	5,670	38,300	16,200	34,900	19,400	35,500	18,200	42,500	31,000	40,000	13,900
11	34,800	6,630	37,700	16,100	34,400	15,900	35,700	19,700	42,000	19,200	39,800	20,800
12	35,200	5,150	36,400	17,600	33,700	8,010	35,600	20,200	42,600	27,600	38,500	10,900
13	32,200	2,800	36,200	18,100	33,600	14,100	35,900	23,700	42,600	32,200	38,600	15,200
14	32,900	1,670	37,000	17,200	33,000	15,800	35,700	18,000	42,800	31,500	38,800	13,300
15	30,100	2,780	37,100	17,700	33,100	5,260	35,700	7,470	42,500	29,600	39,400	13,200
16	31,600	2,840	37,300	20,000	33,900	17,400	35,500	4,820	42,600	21,600	38,900	17,100
17	31,900	4,170	37,100	19,300	35,100	19,000	35,300	4,190	42,600	26,000	37,300	6,170
18	32,000	6,820	37,800	18,000	35,000	21,700	35,400	5,750	42,800	12,400	37,500	1,660
19	29,800	7,100	37,300	20,300	34,300	22,900	35,800	10,100	44,100	19,800	38,700	635
20	29,600	6,530	37,200	21,400	34,400	19,200	34,700	9,070	43,800	25,800	38,400	2,420
21	30,300	4,090	37,200	23,400	35,500	15,500	35,400	9,800	43,700	30,800	38,400	3,920
22	33,400	4,610	37,800	21,200	36,200	17,400	34,700	10,500	43,200	27,300	38,600	6,260
23	34,300	10,200	37,800	22,400	35,600	22,700	33,600	10,500	43,400	24,600	37,500	6,540
24	34,800	9,290	38,100	23,600	34,900	19,300	35,400	7,460	43,400	29,800	37,400	4,020
25	33,500	8,380	36,000	25,400	35,900	17,700	35,400	11,700	43,800	24,500	37,800	5,570
26	34,700	7,500	36,800	11,600	35,700	12,400	39,100	15,800	44,200	25,300	37,900	5,860
27	35,100	10,400	36,900	13,800	34,700	4,490	39,400	14,800	44,300	30,700	38,200	8,710
28	34,400	11,300	36,100	15,700	35,000	11,100	40,000	15,900	41,100	14,000	37,500	4,070
29	34,000	11,400	37,500	14,600	35,300	14,100	41,000	22,300	---	---	35,700	3,220
30	33,500	11,300	37,200	16,100	35,300	14,400	40,600	27,900	---	---	37,400	3,620
31	34,100	9,920	---	---	35,500	15,700	41,000	28,700	---	---	38,200	7,410
MONTH	37,300	354	38,300	8,920	37,800	4,490	41,000	4,190	44,300	12,400	44,200	635
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	37,400	7,260	38,500	17,700	37,300	21,300	34,900	353	33,600	4,830	35,400	8,130
2	33,400	11,700	38,200	15,900	37,700	14,800	30,300	343	33,300	6,280	35,900	10,500
3	36,900	4,080	38,500	7,410	37,700	13,700	31,200	506	33,100	6,120	37,100	9,330
4	37,600	5,580	38,100	17,900	37,800	13,800	32,700	2,360	33,100	6,900	37,100	14,100
5	38,200	11,400	38,700	19,800	37,800	11,400	33,800	4,620	33,900	7,730	36,900	15,400
6	37,700	15,600	38,500	13,500	38,000	7,260	34,500	5,710	34,000	8,110	36,700	22,900
7	37,300	20,200	38,500	18,300	36,400	6,630	34,300	7,790	32,100	6,760	36,200	15,600
8	36,300	14,600	38,200	20,100	36,500	9,370	35,400	14,300	33,100	8,260	35,800	17,700
9	35,300	6,690	37,700	16,300	37,500	8,550	37,600	13,100	33,100	7,070	35,300	15,300
10	36,100	12,700	36,900	14,900	38,400	7,880	36,600	6,940	32,100	7,360	35,600	13,100
11	37,800	16,900	36,500	16,100	38,100	5,930	35,900	2,590	32,000	7,280	36,400	16,100
12	37,500	20,500	37,200	18,600	35,800	2,730	33,800	2,460	32,700	7,270	36,000	19,000
13	35,600	14,100	38,400	22,500	36,300	1,480	35,700	2,760	33,600	10,600	35,100	18,000
14	35,500	8,150	38,700	22,300	36,600	2,190	35,200	2,240	32,700	9,110	35,600	16,800
15	37,500	6,640	38,100	22,300	36,800	2,850	35,300	1,250	33,300	7,290	36,900	15,300
16	38,700	12,400	38,100	22,700	35,800	1,930	36,500	1,080	33,100	9,270	38,400	17,800
17	39,100	15,200	38,500	16,500	34,700	2,550	36,800	3,100	34,600	11,700	37,900	22,900
18	40,100	20,900	39,200	17,300	36,500	3,320	37,800	8,150	33,900	11,700	38,000	25,700
19	40,900	24,400	39,600	20,700	37,600	6,280	36,800	11,100	34,100	16,500	38,100	23,500
20	40,600	26,500	39,500	22,900	38,700	10,500	36,500	11,200	34,200	14,800	38,200	20,000
21	40,600	30,400	37,500	19,500	39,000	12,400	36,100	11,500	34,400	16,900	38,700	22,600
22	40,400	29,900	38,600	16,900	39,000	11,600	35,100	8,220	34,200	16,000	40,300	25,800
23	39,500	28,300	38,800	18,100	---	---	32,500	2,410	34,200	10,300	40,800	25,200
24	39,600	21,100	36,900	18,300	---	---	33,600	2,670	34,600	8,160	41,100	24,600
25	39,500	15,000	34,900	12,700	---	---	34,700	4,350	35,100	9,320	42,800	23,400
26	39,300	19,700	37,800	15,700	---	---	34,900	2,780	34,500	11,600	42,100	29,600
27	39,000	17,300	38,600	19,000	38,300	5,890	32,700	1,150	36,200	20,000	40,600	23,700
28	38,800	14,600	37,900	22,900	38,200	1,790	33,000	1,110	36,500	17,100	42,300	22,200
29	39,300	18,600	37,800	23,000	36,600	830	32,800	4,320	36,300	18,600	41,600	21,400
30	39,100	18,300	38,500	22,700	35,100	668	33,900	4,910	34,200	9,850	42,900	19,800
31	---	---	37,600	23,900	---	---	33,700	5,880	34,300	7,290	---	---
MONTH	40,900	4,080	39,600	7,410	---	---	37,800	343	36,500	4,830	42,900	8,130

02301721 ALAFIA RIVER AT GIBSONTON, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	32,400	302	40,200	30,600	36,100	30,200	36,400	28,300	40,200	34,900	38,600	14,900
2	33,400	344	40,000	32,700	35,800	27,100	36,800	30,400	40,000	35,900	38,200	13,300
3	34,000	407	39,300	33,600	34,900	26,200	37,400	33,000	39,400	35,400	39,200	21,100
4	32,600	2,090	38,500	30,400	35,600	30,900	37,600	33,700	39,200	27,700	39,100	17,800
5	33,800	2,420	37,700	24,800	35,900	30,400	37,000	34,100	39,900	27,200	39,400	26,700
6	37,300	2,880	39,200	27,600	35,600	33,200	37,100	29,600	39,800	27,800	38,700	16,300
7	42,500	2,880	38,900	30,700	35,400	29,400	37,200	26,400	39,900	29,800	39,400	24,000
8	41,700	8,860	39,600	30,300	35,100	29,300	36,800	25,400	39,700	32,300	38,100	26,100
9	41,600	10,800	38,900	29,600	34,900	24,600	36,500	21,900	39,600	30,900	39,900	12,300
10	40,800	14,600	38,900	25,900	35,400	25,700	37,100	22,800	39,000	29,900	40,100	23,800
11	40,400	10,400	37,700	27,900	35,600	20,400	37,100	22,600	38,600	21,600	39,800	25,300
12	40,400	22,300	37,200	29,300	35,000	10,000	37,800	27,100	39,000	29,500	38,300	20,000
13	37,900	4,960	35,700	23,800	35,600	23,500	37,400	28,800	39,000	32,400	38,400	22,700
14	37,900	2,400	36,500	18,200	35,400	21,000	37,000	23,600	39,200	33,600	38,500	21,700
15	35,600	7,630	36,600	17,800	34,700	7,760	37,100	14,100	39,000	33,700	38,900	23,000
16	36,100	3,750	36,300	25,000	35,200	23,400	36,800	15,300	39,100	33,500	38,500	30,300
17	36,700	6,780	36,500	29,500	36,000	28,000	36,800	17,200	39,200	33,600	37,200	7,670
18	36,900	10,800	37,400	30,400	36,100	30,500	37,100	21,000	39,300	24,200	37,600	2,370
19	36,100	15,500	38,100	32,200	35,500	25,900	37,500	22,800	40,300	30,300	38,100	564
20	34,500	12,800	37,600	32,300	35,400	24,200	36,900	24,900	39,900	32,100	38,300	2,640
21	36,100	9,050	37,600	33,100	36,700	30,200	36,900	29,000	39,900	31,800	38,100	6,210
22	39,200	12,600	38,400	30,700	37,300	28,800	36,800	26,500	39,400	31,600	37,900	20,900
23	39,900	17,800	38,000	30,400	36,700	31,000	35,400	14,500	39,400	28,400	37,000	10,400
24	40,800	27,100	38,100	31,400	35,700	26,100	37,200	10,400	39,400	31,200	36,300	6,370
25	39,300	23,400	36,200	26,300	36,800	21,500	37,500	29,000	39,900	28,500	36,600	8,810
26	40,400	21,900	36,700	16,100	36,600	17,000	38,900	28,700	40,200	27,000	36,100	15,100
27	40,900	25,700	36,700	27,600	35,700	15,400	39,000	27,000	40,500	34,000	36,400	20,700
28	39,800	23,300	36,400	26,000	36,000	15,400	39,500	18,800	38,300	16,700	35,700	5,030
29	39,400	25,600	36,800	22,000	36,200	25,700	40,000	31,900	---	---	34,500	4,210
30	39,700	22,800	36,600	29,800	36,600	26,100	39,600	30,700	---	---	35,700	6,630
31	40,000	24,400	---	---	36,600	27,800	39,400	32,100	---	---	36,700	17,700
MONTH	42,500	302	40,200	16,100	37,300	7,760	40,000	10,400	40,500	16,700	40,100	564
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	36,400	12,100	38,000	22,200	37,300	28,600	35,500	363	34,100	6,420	38,000	22,000
2	33,700	15,600	37,200	21,800	37,200	20,500	33,400	333	33,600	9,840	39,200	22,500
3	36,400	4,820	37,500	17,100	37,400	26,800	31,100	489	33,500	8,700	40,000	18,200
4	37,200	7,580	37,300	29,600	37,000	19,800	33,000	2,640	33,600	9,320	40,100	23,200
5	37,600	23,400	37,500	24,700	37,200	13,200	33,600	5,590	33,700	10,500	40,300	26,700
6	37,200	27,100	37,100	17,800	37,400	12,400	34,400	8,130	33,800	10,400	39,500	30,200
7	36,900	25,000	37,300	21,800	36,600	9,170	34,200	12,600	32,500	13,700	39,000	31,500
8	36,700	18,400	37,600	22,200	36,100	11,900	34,800	16,000	33,300	14,900	38,400	29,300
9	35,200	13,000	37,100	21,100	37,100	10,500	36,900	12,300	32,800	17,200	38,200	29,800
10	36,000	14,300	36,800	21,400	37,800	9,000	35,600	10,400	31,900	19,600	39,500	31,900
11	37,800	28,600	36,200	19,400	37,600	7,920	34,900	3,250	31,700	21,300	40,300	30,900
12	38,200	28,700	36,400	22,200	35,900	2,680	34,100	3,020	32,100	18,400	40,400	24,800
13	36,400	18,100	36,800	23,600	36,000	1,650	34,800	5,450	32,600	14,900	39,200	23,600
14	35,900	11,500	37,600	25,800	36,500	2,810	35,200	6,940	32,400	10,500	37,000	21,600
15	36,900	10,900	37,800	28,300	37,000	5,870	35,500	2,220	33,200	8,610	37,500	22,200
16	38,000	16,700	37,300	26,600	36,300	12,400	36,800	3,350	33,600	15,500	37,700	25,600
17	38,200	23,300	37,500	26,400	35,900	30,300	36,600	3,520	34,300	14,000	38,900	28,400
18	38,400	26,000	38,200	24,000	---	---	37,200	11,000	34,400	16,600	38,300	30,100
19	39,000	32,400	38,200	28,400	---	---	36,800	12,300	34,500	17,400	38,200	28,300
20	38,700	31,700	38,000	26,700	---	---	36,400	13,400	34,600	20,500	38,100	22,200
21	38,600	32,100	36,000	20,900	39,700	17,900	35,700	13,200	34,900	24,000	36,700	24,200
22	38,300	30,800	36,300	19,400	39,700	14,100	35,300	10,000	34,300	23,300	38,900	30,100
23	37,100	27,800	36,400	18,800	---	---	34,900	3,380	34,500	21,700	39,600	32,900
24	36,300	22,600	36,100	20,600	---	---	34,000	4,040	35,100	21,700	40,800	33,100
25	38,800	23,200	35,400	17,300	---	---	34,500	8,320	35,800	13,400	41,400	35,300
26	39,000	23,400	36,400	20,500	---	---	34,600	4,120	35,600	13,500	40,900	34,600
27	38,700	20,800	36,900	22,900	38,000	9,920	32,600	2,340	37,300	23,200	39,000	30,600
28	38,300	21,200	36,400	25,200	37,900	2,370	33,500	3,160	37,900	21,300	38,900	28,600
29	38,600	24,000	37,000	25,900	37,200	788	32,800	5,230	38,100	32,000	37,900	29,600
30	38,000	27,100	37,500	26,500	36,100	669	34,200	6,440	37,100	24,600	37,700	26,700
31	---	---	37,700	28,000	---	---	33,800	6,110	37,400	18,500	---	---
MONTH	39,000	4,820	38,200	17,100	---	---	37,200	333	38,100	6,420	41,400	18,200

02301721 ALAFIA RIVER AT GIBSONTON, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	28.2	26.0	26.3	24.7	23.4	21.3	18.1	14.9	18.0	16.0	21.1	18.8
2	28.7	26.2	26.2	24.6	23.1	22.0	18.9	15.3	18.2	16.4	20.6	17.6
3	29.0	26.3	27.5	25.1	22.2	20.1	19.1	15.5	19.6	16.7	19.0	16.4
4	29.2	26.4	27.8	25.8	21.5	19.8	19.4	16.0	19.3	15.5	19.3	15.4
5	28.5	26.3	27.5	24.9	21.3	18.8	19.4	16.6	17.7	14.0	19.6	16.3
6	27.9	26.2	25.9	23.1	23.0	20.4	20.4	17.4	17.0	15.9	20.5	17.2
7	27.9	25.9	25.2	23.5	22.5	20.8	20.9	17.8	17.8	16.0	20.7	18.1
8	27.4	25.3	25.2	22.0	23.5	20.9	21.1	17.7	18.2	16.2	20.3	19.1
9	27.5	25.5	24.8	21.4	23.0	20.9	20.8	18.9	19.4	16.8	19.7	17.1
10	27.5	25.2	24.3	21.5	23.3	21.9	21.9	18.5	19.6	17.9	19.8	16.3
11	27.3	25.1	24.2	21.5	22.5	20.2	21.3	19.1	18.6	16.0	20.2	17.9
12	27.6	24.7	23.8	22.0	21.0	18.6	21.1	19.5	17.2	15.3	20.3	17.6
13	27.1	24.9	24.1	22.7	21.1	18.7	21.8	19.4	17.8	15.6	21.2	18.0
14	28.4	24.3	23.7	22.5	20.6	16.9	21.1	20.1	19.0	16.0	21.6	19.2
15	27.4	23.9	23.3	21.4	17.9	13.2	20.5	18.9	21.1	17.1	21.0	19.6
16	26.6	22.9	22.9	21.2	15.9	12.4	19.8	17.4	20.4	17.3	22.4	19.2
17	26.5	22.9	23.7	20.6	16.9	14.8	18.1	15.4	21.0	18.7	21.4	20.4
18	26.2	22.5	23.8	21.0	18.6	15.8	16.5	13.2	20.7	18.1	21.4	19.6
19	27.7	23.4	23.8	21.6	18.2	16.2	17.7	13.6	19.4	16.6	20.9	18.0
20	27.3	24.4	23.9	22.0	16.5	14.4	16.6	14.0	20.1	17.7	20.6	17.5
21	27.6	25.8	24.2	21.9	16.3	13.4	17.7	14.9	20.5	18.8	20.1	17.8
22	27.5	25.6	23.8	22.0	16.9	15.0	17.8	15.8	22.0	19.9	22.6	18.4
23	26.2	24.3	23.7	22.2	17.5	16.2	17.5	15.8	22.5	19.5	21.4	20.2
24	26.2	23.9	23.7	22.3	17.6	15.9	16.7	13.2	22.3	20.6	22.3	20.1
25	26.8	24.4	23.6	22.3	16.2	14.0	17.0	14.0	21.9	20.8	23.8	21.0
26	26.8	24.1	23.2	20.3	15.7	14.4	17.2	15.6	21.2	20.3	25.0	22.3
27	26.5	23.5	22.2	20.2	15.1	13.0	18.4	15.6	20.8	20.1	24.7	22.2
28	26.4	23.5	22.4	20.9	15.2	13.4	17.2	15.7	21.8	20.1	24.1	22.1
29	26.7	23.9	22.1	20.5	15.7	13.5	17.2	15.6	---	---	24.6	20.8
30	27.1	24.3	22.0	20.6	16.5	14.1	19.6	16.1	---	---	24.8	21.8
31	26.5	24.4	---	---	17.5	14.5	18.4	16.5	---	---	25.2	22.9
MONTH	29.2	22.5	27.8	20.2	23.5	12.4	21.9	13.2	22.5	14.0	25.2	15.4
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	26.0	22.8	24.5	22.8	28.9	27.7	28.6	26.4	31.0	29.5	31.0	29.2
2	24.3	21.9	27.4	22.8	28.6	27.0	29.3	26.6	31.3	29.2	31.5	28.7
3	24.6	20.6	27.0	23.5	28.1	26.8	29.8	27.5	31.7	29.5	31.5	27.9
4	25.8	20.3	24.4	23.7	27.9	26.2	30.2	28.1	32.5	29.7	30.7	27.9
5	24.9	21.1	24.5	22.9	28.6	26.4	30.7	28.4	32.6	28.9	30.2	27.5
6	24.8	21.6	25.7	22.9	27.9	26.5	31.2	29.1	32.7	28.8	30.5	27.4
7	23.6	21.8	26.1	22.5	28.8	26.3	32.3	29.3	32.4	28.8	29.7	27.5
8	24.1	22.2	25.9	23.6	29.4	26.9	32.0	29.2	31.7	28.8	29.2	27.2
9	24.6	21.7	26.5	24.0	28.4	26.3	30.5	27.4	31.4	28.4	29.5	26.8
10	25.4	22.2	27.0	25.0	28.4	25.7	29.8	26.7	32.6	28.2	30.5	27.6
11	25.2	22.3	27.0	24.6	28.3	25.8	28.8	26.6	33.2	29.0	31.4	28.2
12	24.7	22.4	27.3	24.5	28.2	26.4	29.1	27.0	32.4	30.0	31.1	28.0
13	24.9	23.5	26.6	24.6	28.7	26.5	29.0	27.6	33.1	29.8	30.8	28.4
14	24.8	22.5	26.7	24.4	30.0	26.9	30.3	27.5	32.2	30.5	30.2	28.2
15	24.1	21.5	27.9	25.0	30.8	27.9	29.4	26.9	31.7	30.0	30.5	28.5
16	24.0	15.9	29.1	25.7	30.8	28.4	30.0	27.0	32.0	30.8	30.4	28.3
17	23.8	17.4	29.3	25.8	30.8	28.6	30.0	27.6	32.2	30.4	31.1	28.2
18	24.0	19.9	28.7	25.9	30.6	29.0	30.5	28.8	32.7	30.1	30.8	28.0
19	24.3	20.8	28.4	25.6	30.7	29.3	30.1	28.5	33.6	30.2	30.2	28.2
20	24.4	21.4	28.8	25.4	30.2	28.2	31.0	28.4	33.4	29.9	29.4	27.7
21	24.4	22.0	29.1	27.0	30.1	27.8	31.5	28.5	32.9	29.8	29.0	27.6
22	25.2	22.6	29.2	27.1	30.1	27.2	32.0	29.0	33.5	30.0	28.8	27.7
23	24.6	23.1	29.6	27.1	---	---	32.2	28.9	32.6	29.6	28.6	27.2
24	24.1	21.6	29.3	27.6	---	---	31.5	29.0	32.1	29.0	29.6	27.3
25	24.4	21.2	29.7	27.3	---	---	31.5	28.5	32.0	29.2	29.9	27.8
26	23.2	21.9	29.0	26.7	---	---	31.2	28.5	31.0	28.5	30.5	27.9
27	24.1	21.7	29.2	26.7	29.2	27.0	31.3	27.9	31.0	29.0	30.8	28.7
28	24.8	20.9	30.0	27.5	28.6	26.5	31.8	29.0	30.5	29.0	29.8	28.4
29	25.0	22.4	30.5	27.6	27.9	26.1	31.6	29.2	30.9	29.3	30.2	27.4
30	25.2	22.9	31.2	28.7	28.8	26.4	31.4	29.0	31.2	29.9	29.9	27.8
31	---	---	30.3	28.3	---	---	31.3	29.4	31.9	30.2	---	---
MONTH	26.0	15.9	31.2	22.5	---	---	32.3	26.4	33.6	28.2	31.5	26.8

02301721 ALAFIA RIVER AT GIBSONTON, FL.—Continued

TEMPERATURE, (MIDDLE) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	27.7	26.0	25.8	24.8	22.7	21.2	17.6	14.7	17.7	16.2	21.0	18.8
2	28.2	26.1	25.9	24.8	22.5	21.7	18.1	15.0	17.9	16.3	20.2	18.6
3	28.2	26.2	26.7	25.3	22.1	20.7	18.7	15.3	19.1	16.5	19.5	16.5
4	28.2	26.4	27.8	26.1	21.6	20.7	17.6	15.6	19.0	16.9	18.8	15.9
5	27.9	26.3	27.3	25.0	21.3	19.3	18.1	16.2	17.2	15.0	19.4	17.0
6	27.8	26.3	25.7	23.8	22.2	20.7	19.8	16.5	17.1	15.9	19.6	17.5
7	27.9	26.1	25.4	24.0	21.7	20.6	20.3	16.7	17.2	15.9	20.5	17.8
8	27.9	26.1	25.2	23.6	22.5	20.7	19.9	16.7	17.5	16.1	20.2	19.3
9	27.7	26.3	24.6	22.4	22.6	20.7	20.0	18.0	18.7	16.5	19.6	17.7
10	27.6	25.7	24.2	21.5	23.1	21.7	21.0	18.1	19.2	17.3	19.6	16.7
11	27.3	25.2	23.8	21.7	22.5	20.4	20.6	18.5	18.7	16.3	20.1	17.9
12	27.2	24.8	23.7	22.1	21.0	18.7	20.6	19.1	16.9	15.5	20.1	17.8
13	27.1	24.9	23.6	22.5	20.9	19.0	21.0	19.2	17.0	15.4	21.0	18.3
14	27.2	24.2	23.1	22.5	20.2	18.0	20.9	20.2	18.0	15.8	21.5	18.6
15	27.1	24.0	23.0	21.5	19.2	14.9	20.5	19.0	18.9	16.7	21.1	19.1
16	26.4	22.9	22.6	21.7	15.7	12.8	19.8	17.7	20.0	17.0	21.8	19.1
17	26.3	22.9	22.7	21.3	16.5	15.1	18.3	15.8	20.7	18.5	21.3	20.4
18	26.0	22.7	23.0	21.4	17.7	15.8	17.2	15.1	20.4	18.3	21.0	19.6
19	27.0	23.6	23.5	21.6	18.1	16.2	17.0	14.2	19.4	17.4	20.5	18.0
20	27.0	24.5	23.6	21.8	16.4	14.9	16.5	14.3	19.6	17.9	20.3	17.6
21	26.9	25.6	23.8	21.8	15.9	14.0	17.6	15.1	20.3	18.0	19.9	17.8
22	26.9	25.6	23.3	21.8	16.2	15.5	17.8	15.9	21.5	18.9	20.9	18.4
23	26.1	25.5	23.1	22.0	17.1	15.7	17.5	16.0	22.2	19.2	21.2	20.1
24	26.0	24.1	23.2	22.3	17.4	16.1	16.5	13.5	22.1	19.8	22.1	20.1
25	26.5	24.6	23.5	22.9	16.2	15.4	16.3	14.5	21.8	20.3	23.6	20.9
26	26.4	24.3	23.2	20.6	15.7	14.6	16.8	15.2	21.1	20.3	24.7	21.8
27	26.2	23.8	22.1	20.4	14.6	13.8	17.6	15.2	20.7	20.0	24.2	21.7
28	26.0	23.7	21.9	20.9	14.5	13.4	17.2	15.5	21.4	20.0	24.0	22.1
29	26.2	24.1	21.5	20.6	14.9	13.4	16.5	15.5	---	---	23.5	21.2
30	26.4	24.5	21.5	20.8	16.1	14.1	18.1	15.8	---	---	24.0	22.2
31	26.1	24.6	---	---	16.8	14.4	18.1	16.2	---	---	24.8	22.5
MONTH	28.2	22.7	27.8	20.4	23.1	12.8	21.0	13.5	22.2	15.0	24.8	15.9
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.1	23.0	24.4	22.9	28.9	28.1	29.2	26.4	31.0	29.5	30.9	29.5
2	24.4	22.1	26.6	23.1	28.6	27.3	29.7	26.5	31.2	29.2	31.2	29.0
3	24.4	20.8	25.2	23.7	28.0	27.0	30.3	28.8	31.5	29.5	31.0	28.8
4	23.4	20.9	24.2	23.7	27.7	26.3	30.6	29.0	31.6	29.8	30.6	29.4
5	23.9	21.5	24.4	23.0	28.1	26.5	30.4	29.2	32.1	29.6	30.2	28.0
6	24.5	21.8	25.3	23.6	27.7	26.5	30.6	29.4	32.4	29.7	30.2	28.5
7	23.3	22.0	26.0	23.5	28.4	26.9	31.4	29.6	32.1	29.6	29.7	27.9
8	23.9	22.0	25.8	24.1	28.9	26.9	31.7	29.4	31.5	29.2	29.3	27.9
9	24.5	22.0	26.0	24.3	28.3	26.4	30.6	27.3	31.2	28.8	28.8	27.2
10	24.9	23.0	26.5	24.8	28.4	25.7	30.3	26.8	32.2	28.7	29.3	28.1
11	24.6	23.0	26.7	24.9	28.3	25.9	29.3	27.0	31.4	29.1	30.4	28.1
12	24.4	23.0	26.5	24.7	28.2	26.4	28.9	27.0	31.7	30.5	30.8	28.4
13	24.7	23.6	26.5	24.9	28.2	26.4	28.9	27.6	31.8	30.1	30.7	28.8
14	24.6	23.2	26.2	24.8	28.5	26.9	29.4	27.5	31.7	30.5	30.1	28.2
15	24.0	21.7	27.5	25.3	32.0	27.8	29.4	26.9	31.7	30.1	30.1	28.9
16	23.8	20.6	28.8	25.5	30.7	28.4	29.6	27.1	31.7	30.8	30.2	28.9
17	23.7	20.5	27.5	25.6	31.0	28.8	29.8	28.6	31.8	30.6	30.5	28.6
18	22.9	21.1	28.0	25.7	30.2	29.1	30.3	29.0	32.4	30.5	30.4	28.5
19	23.1	21.2	28.2	26.0	30.6	29.3	29.8	29.0	32.9	30.6	30.1	28.5
20	23.1	21.3	28.5	26.1	30.1	28.3	30.7	29.0	33.2	30.8	29.3	27.9
21	24.2	21.7	29.0	27.2	30.0	28.0	31.1	29.5	32.5	30.4	28.8	27.5
22	24.9	22.0	28.9	27.4	29.9	27.3	30.9	29.7	32.6	30.2	28.7	27.8
23	24.5	23.0	29.3	27.5	---	---	31.7	29.0	32.3	30.0	28.5	27.8
24	24.2	22.3	29.2	27.7	---	---	31.2	29.0	32.0	29.3	29.1	28.0
25	23.9	22.2	29.6	27.6	---	---	31.2	28.7	31.9	29.7	29.6	28.1
26	22.9	22.1	28.9	26.8	---	---	30.9	28.6	31.7	28.8	29.9	28.2
27	23.9	22.0	29.1	26.8	29.1	27.1	31.7	27.9	31.0	29.7	30.4	28.4
28	24.2	22.5	29.8	28.0	29.0	26.4	31.5	28.9	30.4	29.6	29.3	28.3
29	24.5	22.4	30.0	28.7	29.2	26.0	31.7	29.2	30.7	29.8	29.6	28.4
30	24.9	23.0	31.1	28.6	29.2	26.3	31.1	30.0	31.1	29.9	29.4	28.4
31	---	---	30.3	28.4	---	---	31.1	29.9	31.6	30.3	---	---
MONTH	25.1	20.5	31.1	22.9	---	---	31.7	26.4	33.2	28.7	31.2	27.2

02301721 ALAFIA RIVER AT GIBSONTON, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	27.6	26.0	25.9	25.5	22.0	21.2	16.4	14.7	17.2	16.2	21.1	19.8
2	27.6	26.2	25.9	25.7	22.4	21.4	16.4	15.0	17.2	16.4	20.4	19.5
3	28.1	26.3	26.1	25.8	22.2	21.4	16.3	15.3	19.0	16.6	19.9	17.3
4	27.6	26.5	27.9	26.0	21.8	21.3	16.5	15.7	18.6	17.0	18.7	17.2
5	27.6	26.6	27.2	25.5	21.4	21.1	17.4	16.2	17.2	16.3	19.3	17.8
6	27.8	26.6	25.9	24.7	21.5	20.8	19.5	16.4	17.3	15.9	19.5	17.7
7	28.0	26.3	25.6	24.1	21.6	20.7	20.0	16.6	17.3	16.0	20.4	17.8
8	28.0	26.8	25.2	24.1	21.5	20.7	19.8	16.7	17.5	16.1	20.3	19.5
9	27.8	26.6	24.9	24.1	22.6	20.7	19.9	17.8	18.6	16.5	19.6	18.2
10	27.7	26.4	24.3	22.9	23.0	21.6	20.1	18.0	19.2	17.3	19.6	17.5
11	27.5	25.6	23.7	22.9	22.8	20.9	20.7	18.5	18.9	16.5	19.9	17.9
12	27.4	26.3	23.7	22.8	21.2	18.5	20.3	19.0	16.9	15.5	19.9	18.3
13	27.2	25.7	23.6	23.0	20.6	19.4	20.9	19.3	16.8	15.5	20.7	18.3
14	27.2	24.3	23.4	23.0	20.4	18.4	20.9	20.1	17.4	15.8	21.0	18.6
15	27.1	24.5	23.0	22.3	19.8	14.9	20.5	19.6	18.2	16.7	20.7	19.1
16	26.4	23.1	22.7	21.9	15.7	13.9	20.2	18.8	19.6	17.0	21.9	19.2
17	26.4	23.5	22.8	21.8	16.2	15.3	19.1	16.5	20.4	18.4	21.1	20.5
18	26.1	23.7	22.9	21.5	16.8	15.9	17.7	16.1	20.3	18.4	21.1	19.7
19	26.2	24.5	22.9	21.6	17.8	16.3	16.7	15.7	19.4	18.0	20.8	18.4
20	26.2	25.3	22.8	21.8	16.8	14.7	16.7	15.8	19.5	18.0	20.4	17.7
21	26.6	25.6	22.7	21.8	15.9	14.9	17.5	15.6	20.3	18.0	20.0	18.3
22	26.5	25.6	23.0	21.9	16.2	15.6	17.7	16.1	21.7	18.9	20.9	19.2
23	26.0	25.6	23.0	22.0	16.9	15.7	17.4	16.3	22.2	19.2	21.0	20.2
24	26.0	25.5	23.1	22.3	17.4	16.1	16.6	14.1	22.0	19.7	21.1	20.2
25	26.4	25.7	23.6	23.0	16.4	15.5	16.2	15.1	21.7	20.4	23.3	20.9
26	26.3	25.5	23.2	21.1	15.8	14.6	16.8	15.2	21.0	20.4	23.7	21.7
27	26.2	25.2	22.3	20.7	14.8	13.8	16.8	15.2	20.7	20.1	23.7	21.7
28	26.0	24.9	21.8	21.0	14.6	13.4	16.9	15.5	21.4	20.2	24.0	22.1
29	26.1	25.2	21.8	21.2	14.7	13.5	16.3	15.5	---	---	23.7	21.8
30	26.3	25.4	21.8	21.2	15.3	14.1	17.9	15.8	---	---	23.4	22.8
31	26.1	25.6	---	---	15.8	14.5	17.7	16.3	---	---	24.0	22.7
MONTH	28.1	23.1	27.9	20.7	23.0	13.4	20.9	14.1	22.2	15.5	24.0	17.2
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.9	23.0	24.4	23.0	29.1	28.5	29.3	27.3	31.1	29.6	31.0	30.3
2	24.5	22.6	24.8	23.4	28.7	27.8	29.9	27.6	31.0	29.5	31.1	30.0
3	24.4	21.0	25.0	23.7	28.1	27.7	29.9	28.9	31.2	29.8	30.9	29.7
4	23.5	21.5	24.3	23.8	27.8	26.9	30.3	29.1	31.5	30.2	30.5	30.2
5	23.3	22.2	24.4	23.6	27.7	26.8	30.3	29.3	31.7	30.1	30.3	29.6
6	23.9	22.2	25.0	23.9	27.7	26.9	30.3	29.6	32.2	30.1	30.3	29.2
7	23.2	22.2	25.7	23.7	28.2	27.1	31.3	30.1	32.0	30.5	29.8	28.6
8	23.9	22.2	25.7	24.1	28.3	27.3	31.2	29.8	31.5	30.4	29.3	28.0
9	24.4	22.4	25.9	24.3	28.2	26.6	30.7	27.5	31.2	30.2	28.9	28.0
10	24.6	23.2	26.5	24.7	28.4	25.8	30.5	27.3	31.2	30.0	28.8	28.2
11	24.1	23.1	26.6	25.0	28.4	26.7	29.5	27.1	31.5	30.6	29.5	28.2
12	24.0	23.1	26.2	24.8	28.3	26.6	29.1	27.1	31.5	30.9	30.6	28.5
13	24.8	23.6	26.5	25.0	28.3	26.5	29.1	27.8	31.4	30.5	30.4	29.0
14	24.3	23.5	26.2	25.0	28.4	27.0	29.1	28.1	31.5	30.8	30.0	28.4
15	24.0	22.2	27.5	25.3	28.8	27.9	29.4	27.8	31.7	30.1	30.0	29.0
16	23.9	21.8	27.5	25.6	29.6	28.3	29.4	28.2	31.6	30.9	30.1	29.0
17	23.2	21.6	27.6	25.6	29.4	28.8	29.8	28.8	31.8	30.9	30.4	29.0
18	22.9	21.4	27.3	25.7	---	---	30.0	29.1	32.0	31.0	30.5	28.9
19	22.6	21.3	27.7	26.2	---	---	29.8	29.1	32.8	31.1	30.1	29.0
20	23.2	21.4	28.5	26.5	---	---	30.3	29.4	33.1	31.5	29.4	28.3
21	24.2	21.7	29.1	27.2	30.0	28.5	30.8	29.7	32.6	31.3	28.9	27.9
22	24.8	22.0	28.9	27.5	29.9	27.7	30.8	29.9	32.8	31.1	28.8	27.9
23	24.6	23.1	29.3	27.6	---	---	31.6	29.9	32.4	31.0	28.6	28.1
24	24.3	22.7	29.2	27.7	---	---	30.9	29.2	32.1	31.0	28.6	28.2
25	23.6	22.3	29.6	28.0	---	---	31.1	29.4	32.0	30.4	28.7	28.2
26	23.0	22.3	28.9	27.4	---	---	31.0	28.8	31.8	29.7	29.4	28.3
27	24.0	22.1	29.2	27.1	29.1	27.4	31.0	28.2	31.1	30.1	29.8	28.5
28	23.9	22.6	29.9	28.2	29.0	26.5	31.2	29.4	30.5	30.0	29.2	28.4
29	24.2	22.4	30.0	28.8	29.2	26.1	31.2	29.4	30.4	29.9	29.1	28.5
30	24.5	23.0	31.1	28.6	29.3	26.8	31.1	30.4	30.7	30.0	29.4	28.5
31	---	---	30.4	28.7	---	---	31.2	30.2	31.1	30.5	---	---
MONTH	24.9	21.0	31.1	23.0	---	---	31.6	27.1	33.1	29.5	31.1	27.9

02301738 ARCHIE CREEK AT 78TH STREET NEAR TAMPA, FL.

LOCATION.--Lat 27° 52'47", long 82° 22'15" (1927 North American datum), in SE$^{1}/_{4}$ sec.11, T.30 S., R.19 E., Hillsborough County, Hydrologic Unit 03100206, on right bank of creek, 400 ft downstream from 78th street, and 7.2 mi southeast of Tampa.

DRAINAGE AREA.--2.90 mi^2.

PERIOD OF RECORD.--February 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is 12.71 ft below National Geodetic Vertical Datum of 1929 (levels by Hillsborough County).

REMARKS.--Records fair.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	0.14	0.27	0.54	0.29	1.8	1.0	6.3	4.9	82	6.0	3.8
2	11	0.14	0.27	0.52	0.26	1.2	1.8	2.9	5.7	51	5.2	3.8
3	9.4	0.11	0.22	0.47	0.25	1.2	1.6	2.3	4.6	27	4.6	3.6
4	8.1	0.08	0.19	0.44	0.25	2.0	1.1	2.0	4.2	17	4.2	3.3
5	7.2	0.09	0.17	0.43	0.23	1.6	0.86	2.1	4.2	11	3.9	2.9
6	6.1	0.07	0.17	0.41	0.21	1.3	0.69	2.1	3.7	8.0	3.5	2.6
7	5.1	0.06	0.18	0.43	0.22	1.1	0.61	1.7	3.6	6.6	3.6	2.4
8	4.1	0.05	0.18	0.42	0.22	1.1	0.75	1.4	7.8	6.0	3.7	2.3
9	3.4	0.07	0.18	0.40	0.22	1.6	0.60	1.2	25	25	3.3	2.1
10	2.8	0.09	0.21	0.37	0.25	2.3	0.48	1.1	24	49	3.2	1.9
11	3.3	0.07	0.20	0.36	0.22	1.9	0.38	0.95	28	38	3.0	1.7
12	3.8	0.07	0.17	0.35	0.21	1.6	0.32	0.84	22	24	2.8	1.5
13	2.9	0.09	0.17	0.34	0.21	1.4	0.80	0.72	17	23	2.7	1.3
14	2.1	0.08	0.15	1.6	0.21	1.3	0.63	0.62	9.9	40	3.6	1.1
15	2.0	0.06	0.14	1.5	0.21	1.4	0.40	0.53	6.5	32	7.0	0.99
16	1.8	0.06	0.14	0.98	0.21	1.8	0.27	0.79	5.4	32	8.8	0.91
17	1.3	0.07	0.16	0.72	0.21	8.9	0.19	2.7	4.8	18	6.7	0.84
18	0.98	0.06	0.17	0.56	0.21	6.3	0.15	2.5	4.4	12	6.3	0.76
19	0.86	0.07	0.17	0.46	0.20	4.6	0.13	2.2	3.9	8.3	4.7	0.71
20	0.84	0.06	0.15	0.45	0.20	3.9	0.12	2.0	3.5	6.7	5.4	0.71
21	0.73	0.06	0.15	0.75	0.20	3.5	0.10	1.8	3.2	5.9	3.9	1.5
22	0.58	0.05	0.15	0.46	0.21	3.3	0.09	1.6	4.0	5.3	3.3	2.6
23	0.46	0.08	0.18	0.58	0.21	3.4	0.08	1.4	9.0	4.8	6.9	2.1
24	0.34	0.19	0.18	0.43	0.21	3.2	0.09	1.2	17	7.8	13	1.7
25	0.28	1.5	1.6	0.36	0.29	2.9	0.06	1.0	12	10	5.6	1.3
26	0.25	0.54	2.7	0.35	0.36	2.6	0.15	0.90	7.3	6.4	4.3	1.1
27	0.24	0.40	1.5	0.34	2.2	2.3	1.3	0.78	18	5.5	5.4	0.91
28	0.20	0.62	1.0	0.33	2.6	2.1	0.75	0.66	47	5.0	9.3	0.90
29	0.18	0.41	0.80	0.39	---	1.7	0.47	0.56	83	10	11	0.98
30	0.18	0.31	0.67	0.36	---	1.4	0.35	0.49	88	18	5.1	0.83
31	0.15	---	0.59	0.32	---	1.2	---	1.9	---	7.9	3.8	---
TOTAL	94.67	5.75	13.18	16.42	10.77	75.9	16.32	49.24	481.6	603.2	163.8	53.14
MEAN	3.05	0.19	0.43	0.53	0.38	2.45	0.54	1.59	16.1	19.5	5.28	1.77
MAX	14	1.5	2.7	1.6	2.6	8.9	1.8	6.3	88	82	13	3.8
MIN	0.15	0.05	0.14	0.32	0.20	1.1	0.06	0.49	3.2	4.8	2.7	0.71
MED	1.8	0.08	0.18	0.43	0.22	1.8	0.43	1.4	6.9	11	4.6	1.5
AC-FT	188	11	26	33	21	151	32	98	955	1,200	325	105
CFSM	1.05	0.07	0.15	0.18	0.13	0.84	0.19	0.55	5.54	6.71	1.82	0.61
IN.	1.21	0.07	0.17	0.21	0.14	0.97	0.21	0.63	6.18	7.74	2.10	0.68

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2005, BY WATER YEAR (WY)

MEAN	1.79	0.37	2.40	2.10	1.12	2.40	1.00	0.74	4.29	8.85	7.55	9.72
MAX	3.05	0.83	12.8	10.6	3.04	8.38	3.79	2.64	16.1	19.5	19.4	29.6
(WY)	(2005)	(2003)	(2003)	(2003)	(2004)	(2003)	(2003)	(2003)	(2005)	(2005)	(2004)	(2004)
MIN	0.80	0.15	0.08	0.04	0.03	0.03	0.00	0.00	0.02	0.16	0.38	1.77
(WY)	(2003)	(2001)	(2000)	(2000)	(2000)	(2000)	(2000)	(2000)	(2000)	(2000)	(2000)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2000 - 2005	
ANNUAL TOTAL	2,202.79		1,583.99			
ANNUAL MEAN	6.02		4.34		3.54	
HIGHEST ANNUAL MEAN					6.51	2003
LOWEST ANNUAL MEAN					0.60	2000
HIGHEST DAILY MEAN	126	Sep 6	88	Jun 30	126	Sep 6, 2004
LOWEST DAILY MEAN	0.01	Jan 7	0.05	Nov 8	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.01	Jan 11	0.06	Nov 16	0.00	Apr 15, 2000
MAXIMUM PEAK FLOW			95	Jun 30	138	Sep 6, 2004
MAXIMUM PEAK STAGE			23.23	Jun 30	24.46	Sep 6, 2004
ANNUAL RUNOFF (AC-FT)	4,370		3,140		2,570	
ANNUAL RUNOFF (CFSM)	2.08		1.50		1.22	
ANNUAL RUNOFF (INCHES)	28.26		20.32		16.59	
10 PERCENT EXCEEDS	17		9.1		8.4	
50 PERCENT EXCEEDS	0.58		1.2		0.53	
90 PERCENT EXCEEDS	0.05		0.15		0.01	

02301740 NORTH ARCHIE CREEK AT PROGRESS BOULEVARD NEAR TAMPA, FL.

LOCATION.--Lat 27° 53'47", long 82° 21'00" (1927 North American datum), in SW$^{1}/_{4}$ sec.6, T.30 S., R.20 E., Hillsborough County, Hydrologic Unit 03100206, on left wingwall on upstream side of box culverts on Progress Boulevard, 0.2 mi northwest of Interstate 75, and 7.5 mi southeast of Tampa.

DRAINAGE AREA.--6.09 mi^2.

PERIOD OF RECORD.--February 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1.05 ft (corrected) above National Geodetic Vertical Datum of 1929 (levels by Hillsborough County).

REMARKS.--Records fair.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	3.3	2.0	1.2	0.73	1.2	2.2	9.7	4.7	39	4.7	3.9
2	14	3.4	1.9	1.1	0.54	1.2	2.5	5.5	4.7	20	4.2	3.8
3	12	3.7	1.8	1.1	0.82	1.0	2.5	3.6	3.4	16	3.9	4.1
4	10	3.9	1.7	1.0	0.77	1.2	2.4	2.9	3.2	12	3.7	5.1
5	12	3.6	1.6	0.92	0.53	1.1	2.2	2.8	3.7	9.7	3.5	4.6
6	9.8	3.5	1.6	0.92	0.44	1.1	2.0	3.0	3.3	7.8	3.3	4.2
7	8.1	3.7	1.5	0.79	0.43	0.96	1.9	2.7	4.4	6.3	3.2	3.9
8	7.1	3.8	1.4	0.71	0.39	0.77	1.9	2.5	12	5.5	3.3	3.6
9	5.8	3.7	1.3	0.67	0.34	0.94	1.8	2.3	21	24	3.1	3.4
10	5.0	3.7	1.4	0.71	0.34	1.5	1.6	2.1	16	22	3.2	3.2
11	4.9	3.6	1.4	0.67	0.19	1.4	1.6	1.9	18	17	3.0	2.9
12	5.0	3.6	1.4	0.67	0.17	1.2	1.5	1.8	22	13	2.9	2.8
13	4.7	3.6	1.3	0.63	0.17	1.1	1.8	1.7	19	12	3.0	2.7
14	4.5	3.5	1.2	1.3	0.16	0.97	1.8	1.6	15	11	3.5	2.5
15	4.5	3.3	1.1	1.5	0.13	0.90	1.5	1.5	12	8.8	4.4	2.4
16	4.3	3.0	1.1	1.4	0.10	1.00	1.4	2.1	10	7.6	4.7	2.3
17	4.1	2.5	1.1	1.2	0.16	8.5	1.2	3.1	8.7	7.3	4.6	2.3
18	3.9	2.2	1.0	1.1	0.12	7.6	1.1	2.2	7.9	8.4	6.4	2.2
19	4.1	2.0	1.0	1.1	0.10	5.0	1.0	1.9	6.5	6.5	5.3	2.2
20	3.5	1.9	0.77	1.0	0.10	4.0	0.86	1.7	5.6	5.5	4.7	2.2
21	4.1	1.8	0.67	0.99	0.10	3.6	0.73	1.6	5.1	4.9	4.3	2.4
22	3.9	1.7	0.63	0.96	0.09	3.3	0.42	1.5	6.0	4.5	4.0	2.7
23	3.6	1.7	0.67	1.1	0.07	3.4	0.37	1.5	8.0	4.2	5.0	2.6
24	3.5	1.8	0.67	1.1	0.07	3.4	0.23	1.4	8.6	4.8	5.0	2.6
25	3.3	2.0	1.7	1.2	0.12	3.2	0.16	1.4	7.0	6.5	4.4	2.4
26	3.4	1.8	2.3	1.2	0.14	3.1	0.29	1.3	5.9	5.3	4.2	2.3
27	3.4	1.8	1.9	1.2	1.2	2.9	2.1	1.3	13	4.7	3.8	2.3
28	3.8	2.0	1.6	1.2	1.6	2.7	1.7	1.2	31	5.0	4.1	2.3
29	4.3	2.2	1.5	1.2	---	2.6	1.5	1.2	42	8.2	5.1	2.2
30	4.3	2.2	1.4	1.1	---	2.5	1.3	1.2	59	6.9	4.4	2.2
31	3.6	---	1.3	1.1	---	2.3	---	2.0	---	5.4	4.0	---
TOTAL	184.5	84.5	41.91	32.04	10.12	75.64	43.56	72.2	386.7	319.8	126.9	88.3
MEAN	5.95	2.82	1.35	1.03	0.36	2.44	1.45	2.33	12.9	10.3	4.09	2.94
MAX	16	3.9	2.3	1.5	1.6	8.5	2.5	9.7	59	39	6.4	5.1
MIN	3.3	1.7	0.63	0.63	0.07	0.77	0.16	1.2	3.2	4.2	2.9	2.2
MED	4.3	3.2	1.4	1.1	0.17	1.5	1.6	1.9	8.3	7.6	4.1	2.6
AC-FT	366	168	83	64	20	150	86	143	767	634	252	175
CFSM	0.98	0.46	0.22	0.17	0.06	0.40	0.24	0.38	2.12	1.69	0.67	0.48
IN.	1.13	0.52	0.26	0.20	0.06	0.46	0.27	0.44	2.36	1.95	0.78	0.54

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2005, BY WATER YEAR (WY)

MEAN	2.80	0.92	3.34	2.98	1.12	2.38	1.39	0.79	4.97	8.82	9.80	16.7
MAX	5.95	2.82	17.6	15.7	3.81	9.07	4.52	2.33	14.9	18.2	27.0	47.7
(WY)	(2005)	(2005)	(2003)	(2003)	(2003)	(2003)	(2003)	(2005)	(2003)	(2001)	(2004)	(2004)
MIN	0.71	0.13	0.13	0.12	0.05	0.00	0.00	0.00	0.30	1.36	1.87	2.89
(WY)	(2003)	(2002)	(2002)	(2001)	(2001)	(2000)	(2000)	(2000)	(2004)	(2002)	(2000)	(2002)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2000 - 2005	
ANNUAL TOTAL	3,171.09		1,466.17			
ANNUAL MEAN	8.66		4.02		4.68	
HIGHEST ANNUAL MEAN					8.13	2004
LOWEST ANNUAL MEAN					1.37	2002
HIGHEST DAILY MEAN	316	Sep 6	59	Jun 30	316	Sep 6, 2004
LOWEST DAILY MEAN	0.00	Many days	0.07	Feb 23	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.00	May 15	0.09	Feb 18	0.00	Mar 3, 2000
MAXIMUM PEAK FLOW			114	Jun 28	353	Sep 6, 2004
MAXIMUM PEAK STAGE			17.71	Jun 28	19.62	Sep 6, 2004
ANNUAL RUNOFF (AC-FT)	6,290		2,910		3,390	
ANNUAL RUNOFF (CFSM)	1.42		0.660		0.768	
ANNUAL RUNOFF (INCHES)	19.37		8.96		10.43	
10 PERCENT EXCEEDS	17		8.3		10	
50 PERCENT EXCEEDS	1.4		2.4		1.2	
90 PERCENT EXCEEDS	0.03		0.69		0.00	

02301740 NORTH ARCHIE CREEK AT PROGRESS BOULEVARD NEAR TAMPA, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--February 1999 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15-minute interval, mounted on aluminum pole with the top of funnel 8 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2001 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.88	1.00	0.02	0.00	0.03
2	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.58	0.26	0.00	0.17
3	0.00	0.00	0.00	0.00	0.00	0.42	0.00	0.00	0.06	0.08	0.00	0.47
4	0.13	0.01	0.00	0.00	0.00	0.02	0.00	0.04	0.33	0.16	0.07	0.00
5	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
7	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	1.00	0.00	0.39	0.00
8	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.95	0.30	0.00	0.00
9	0.00	0.08	0.00	0.00	0.00	0.49	0.00	0.00	0.52	2.00	0.00	0.05
10	0.00	0.00	0.10	0.00	0.07	0.01	0.00	0.00	0.24	0.27	0.13	0.00
11	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.03	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.03	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.43	0.00	0.00
14	0.00	0.00	0.00	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00
15	0.25	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.28	0.62	0.00
16	0.00	0.00	0.00	0.00	0.00	0.79	0.00	1.13	0.00	0.36	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	1.29	0.00	0.00	0.03	0.35	1.09	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.01	0.20
21	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.03	0.23	0.01	0.02	0.49
22	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.01	0.85	0.08	0.37	---
23	0.00	0.00	0.02	0.01	0.00	0.36	0.13	0.00	0.71	0.00	0.94	---
24	0.00	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.17	1.04	0.00	---
25	0.00	0.04	1.44	0.00	0.19	0.02	0.00	0.00	0.00	0.01	0.21	---
26	0.00	0.00	0.01	0.00	0.07	0.00	1.17	0.00	0.00	0.00	0.00	---
27	0.00	0.21	0.00	0.00	1.23	0.00	0.16	0.00	2.17	0.00	0.31	---
28	0.00	0.01	0.00	0.10	0.00	0.06	0.00	0.00	1.71	0.80	0.39	---
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.10	0.57	0.00	---
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	1.90	0.01	0.00	---
31	0.00	---	0.00	0.00	---	0.00	---	1.18	---	0.00	0.00	---
TOTAL	0.73	0.97	1.57	1.08	1.56	3.57	2.57	4.63	14.04	7.09	5.22	---

CAL YR 2004 TOTAL 58.90

02301743 NORTH ARCHIE CREEK AT 82ND STREET NEAR TAMPA, FL.

LOCATION.--Lat 27° 53'37", long 82° 21'56" (1927 North American datum), in $NW^1/_4$ sec.12, T.30 S., R.19 E., Hillsborough County, Hydrologic Unit 03100206, on right culvert wingwall near right bank on 82nd Street, 0.4 mi south of Progress Village Boulevard, and 6.8 mi southeast of Tampa.

DRAINAGE AREA.--7.53 mi^2.

PERIOD OF RECORD.--June 1999 to current year (crest stage only).

GAGE.--Crest stage partial record gage. Datum of gage is National Geodetic Vertical Datum of 1929.

ANNUAL MAXIMUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Annual gage height (ft)	Maximum discharge ($ft^3/_S$)
June 28	12.22	Not determined

02301745 DELANEY CREEK POPOFF CANAL NEAR TAMPA, FL.

LOCATION.--Lat 27° 54'07", long 82° 22'38" (1927 North American datum), in NE$^{1}/_{4}$ sec.2, T.30 S., R.19 E., Hillsborough County, Hydrologic Unit 03100206, on left bank at dead end of 51st Street, 350 ft upstream from Madison Avenue, and 5.9 mi southeast of Tampa.

DRAINAGE AREA.--2.00 mi^2.

PERIOD OF RECORD.--February 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is 2.07 ft below National Geodetic Vertical Datum of 1929 (levels by Hillsborough County).

REMARKS.--Records fair.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.4	0.34	0.11	0.18	0.12	0.84	0.27	12	9.7	38	1.9	1.6
2	2.6	0.32	0.11	0.17	0.11	0.42	1.7	4.8	10	21	1.2	2.1
3	2.1	0.29	0.11	0.15	0.11	0.33	1.3	2.4	5.7	13	0.81	4.6
4	2.7	0.23	0.11	0.15	0.11	0.91	0.53	1.5	4.3	6.7	0.64	27
5	4.5	0.27	0.11	0.14	0.11	0.73	0.36	1.4	4.5	4.5	0.85	7.7
6	2.7	0.25	0.10	0.14	0.11	0.41	0.30	3.1	2.4	2.8	0.56	4.1
7	2.0	0.24	0.10	0.14	0.11	0.36	0.27	1.3	2.5	2.1	1.1	2.5
8	1.4	0.24	0.09	0.14	0.10	0.29	0.27	0.78	13	1.8	2.3	1.6
9	1.2	0.22	0.13	0.14	0.09	0.52	0.26	0.48	16	29	1.3	0.95
10	1.1	0.21	0.32	0.14	0.11	1.4	0.23	0.33	9.8	34	1.1	0.54
11	1.4	0.19	0.11	0.14	0.11	0.83	0.21	0.24	17	15	0.59	0.32
12	2.0	0.15	0.11	0.13	0.10	0.48	0.19	0.21	14	7.8	0.33	0.15
13	1.3	0.15	0.09	0.11	0.09	0.35	0.32	0.18	12	8.1	0.27	0.05
14	1.1	0.15	0.11	0.56	0.09	0.29	0.29	0.17	5.0	7.4	0.26	0.01
15	1.3	0.15	0.11	0.85	0.09	0.27	0.23	0.15	2.9	4.4	1.4	0.00
16	1.2	0.14	0.09	0.49	0.09	0.36	0.21	0.18	1.9	3.5	3.7	0.00
17	0.84	0.13	0.13	0.35	0.09	9.3	0.19	1.0	1.4	3.0	4.0	0.00
18	0.69	0.13	0.14	0.19	0.09	4.2	0.18	0.51	1.2	4.2	13	0.00
19	0.60	0.13	0.10	0.15	0.09	1.6	0.17	0.31	0.80	2.7	4.6	0.00
20	0.56	0.13	0.11	0.15	0.09	1.2	0.15	0.25	0.60	1.7	2.6	0.00
21	0.56	0.12	0.09	0.28	0.08	1.0	0.15	0.22	0.74	1.4	1.8	0.24
22	0.53	0.12	0.08	0.15	0.07	1.2	0.13	0.18	0.66	1.3	2.1	0.28
23	0.50	0.11	0.06	0.15	0.06	1.8	0.14	0.16	1.2	1.7	7.8	0.24
24	0.50	0.12	0.08	0.15	0.06	1.9	0.15	0.16	3.3	1.4	8.2	0.10
25	0.50	0.21	0.88	0.14	0.07	1.3	0.14	0.17	2.8	7.0	4.1	0.01
26	0.44	0.12	1.9	0.12	0.08	0.96	0.34	0.15	0.87	2.9	3.1	0.00
27	0.37	0.11	0.64	0.11	1.5	0.83	2.8	0.15	11	1.6	2.7	0.00
28	0.36	0.11	0.55	0.11	2.0	0.64	1.0	0.13	32	1.3	4.0	0.00
29	0.34	0.11	0.34	0.11	---	0.49	0.42	0.14	40	7.5	6.5	0.00
30	0.34	0.11	0.23	0.11	---	0.37	0.24	0.13	64	6.5	2.9	0.00
31	0.34	---	0.20	0.11	---	0.30	---	1.1	---	3.1	1.8	---
TOTAL	39.47	5.30	7.44	6.15	5.93	35.88	13.14	33.98	291.27	246.4	87.51	54.09
MEAN	1.27	0.18	0.24	0.20	0.21	1.16	0.44	1.10	9.71	7.95	2.82	1.80
MAX	4.5	0.34	1.9	0.85	2.0	9.3	2.8	12	64	38	13	27
MIN	0.34	0.11	0.06	0.11	0.06	0.27	0.13	0.13	0.60	1.3	0.26	0.00
MED	1.1	0.15	0.11	0.14	0.09	0.73	0.25	0.24	4.4	4.2	1.9	0.12
AC-FT	78	11	15	12	12	71	26	67	578	489	174	107
CFSM	0.64	0.09	0.12	0.10	0.11	0.58	0.22	0.55	4.85	3.97	1.41	0.90
IN.	0.73	0.10	0.14	0.11	0.11	0.67	0.24	0.63	5.42	4.58	1.63	1.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2005, BY WATER YEAR (WY)

MEAN	1.00	0.25	1.99	1.49	0.71	2.29	1.57	0.39	3.78	7.07	6.16	9.69
MAX	1.74	0.41	10.5	6.59	2.09	8.08	8.19	1.10	10.1	16.9	16.4	24.3
(WY)	(2000)	(2001)	(2003)	(2003)	(2004)	(2003)	(2003)	(2005)	(2003)	(2001)	(2004)	(2004)
MIN	0.48	0.11	0.15	0.17	0.16	0.23	0.01	0.00	0.37	0.96	1.08	1.80
(WY)	(2002)	(2002)	(2002)	(2000)	(2000)	(2000)	(2000)	(2000)	(2004)	(2002)	(2000)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2000 - 2005	
ANNUAL TOTAL	1,781.02		826.56			
ANNUAL MEAN	4.87		2.26		3.04	
HIGHEST ANNUAL MEAN					5.02	2003
LOWEST ANNUAL MEAN					1.25	2000
HIGHEST DAILY MEAN	273	Sep 6	64	Jun 30	273	Sep 6, 2004
LOWEST DAILY MEAN	0.00	Many days	0.00	Sep 15	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.00	May 14	0.00	Sep 14	0.00	Apr 6, 2000
MAXIMUM PEAK FLOW			118	Jun 30	399	Sep 6, 2004
MAXIMUM PEAK STAGE			9.59	Jun 30	13.27	Sep 14, 2001
ANNUAL RUNOFF (AC-FT)	3,530		1,640		2,200	
ANNUAL RUNOFF (CFSM)	2.43		1.13		1.52	
ANNUAL RUNOFF (INCHES)	33.13		15.37		20.66	
10 PERCENT EXCEEDS	8.9		4.7		6.1	
50 PERCENT EXCEEDS	0.28		0.34		0.36	
90 PERCENT EXCEEDS	0.00		0.10		0.03	

02301745 DELANEY CREEK POPOFF CANAL NEAR TAMPA, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--February 1999 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15--minute-interval, mounted on a 2-inch diameter pipe with the top of funnel 7 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2001 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.05	0.00	0.00	0.00	0.00	0.00	0.00	1.41	1.02	0.03	0.00	0.31
2	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.00	0.71	0.26	0.00	0.51
3	0.00	0.00	0.00	0.00	0.00	0.42	0.00	0.00	0.04	0.00	0.00	0.83
4	0.26	0.02	0.00	0.00	0.00	0.01	0.00	0.04	0.56	0.00	0.38	0.01
5	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.01	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.92	0.00	0.72	0.00
8	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.91	0.18	0.00	0.01
9	0.00	0.07	0.00	0.00	0.00	0.51	0.00	0.00	0.60	2.11	0.04	0.00
10	0.00	0.01	0.21	0.00	0.08	0.00	0.00	0.00	0.26	0.30	0.32	0.00
11	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.72	0.03	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.71	0.01	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.00	0.01	0.15	0.00	0.00
14	0.00	0.00	0.00	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.00
15	0.32	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.50	0.55	0.00
16	0.00	0.00	0.00	0.00	0.00	0.85	0.00	0.52	0.00	0.14	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	1.28	0.00	0.00	0.00	0.06	0.82	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.18
21	0.00	0.00	0.00	0.00	0.00	0.04	0.03	0.00	0.03	0.19	0.43	0.67
22	0.00	0.00	0.00	0.10	0.00	0.01	0.00	0.03	0.19	0.13	0.42	0.06
23	0.00	0.00	0.02	0.01	0.00	0.30	0.11	0.00	0.87	0.00	0.73	0.01
24	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.48	0.00	0.00
25	0.00	0.04	1.43	0.00	0.19	0.01	0.00	0.00	0.00	0.00	0.18	0.00
26	0.00	0.00	0.01	0.00	0.13	0.00	1.21	0.00	0.00	0.00	0.00	0.00
27	0.00	0.20	0.00	0.00	1.39	0.00	0.13	0.00	1.24	0.00	0.52	0.00
28	0.00	0.01	0.00	0.08	0.00	0.03	0.00	0.00	1.26	0.42	0.49	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.29	1.05	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	2.02	0.01	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	1.28	---	0.00	0.00	---
TOTAL	1.00	0.76	1.67	0.93	1.79	3.49	2.68	3.65	12.81	6.05	5.88	2.59

CAL YR 2004 TOTAL 57.87
WTR YR 2005 TOTAL 43.30

02301750 DELANEY CREEK NEAR TAMPA, FL.

LOCATION.--Lat 27° 55'32", long 82° 21'52" (1927 North American datum), in SW$^{1}/_{4}$ sec.25, T.29 S., R.19 E., Hillsborough County, Hydrologic Unit 03100206, on left bank at south end of Darlington Street, 1.8 mi south of intersection State Highway 60 and U. S. Highway 301, near southeastern city limits of Tampa.

DRAINAGE AREA.--13 mi^2.

PERIOD OF RECORD.--October 1984 to current year.

REVISED RECORDS.--WDR FL-2002-3A: 2001 (September).

GAGE.--Water-stage recorder. Datum of gage is 10.72 ft above National Geodetic Vertical Datum of 1929 (levels by Hillsborough County).

REMARKS.--Records poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41	0.47	3.5	5.9	1.2	6.0	0.83	29	25	58	5.3	26
2	35	0.35	3.1	5.1	0.78	3.4	4.7	42	29	42	4.4	23
3	30	0.25	2.7	4.5	0.61	2.1	5.1	31	27	41	4.0	38
4	30	0.14	2.3	4.1	0.42	4.2	3.8	22	22	32	4.6	50
5	52	0.11	1.9	3.7	0.19	4.0	2.9	19	23	24	5.2	29
6	40	0.08	1.6	3.4	0.06	2.5	2.0	25	21	18	4.8	20
7	32	0.01	e1.0	3.1	0.01	1.2	1.3	24	20	14	5.2	17
8	26	0.00	1.2	2.8	0.00	0.64	0.72	18	20	12	5.5	15
9	22	0.00	0.94	2.5	0.00	1.1	0.63	13	24	36	4.4	13
10	19	0.00	1.3	2.1	0.00	2.9	0.29	9.8	30	61	3.8	12
11	18	0.00	2.0	1.8	0.00	2.4	0.07	7.5	35	44	3.3	11
12	20	0.00	1.9	1.5	0.00	1.4	0.02	5.7	39	35	3.5	10
13	18	0.00	1.4	1.2	0.00	0.59	0.59	4.2	38	34	3.8	9.8
14	16	0.00	0.88	7.3	0.00	0.22	0.51	3.0	32	34	4.9	9.3
15	17	0.00	0.41	11	0.00	0.09	0.23	5.3	25	20	11	8.9
16	20	0.00	0.24	9.8	0.00	0.71	0.01	19	19	14	8.4	8.7
17	16	e0.00	0.12	7.9	0.00	22	0.00	32	15	13	9.6	8.3
18	12	e0.00	0.06	6.4	0.00	27	0.00	30	13	26	22	8.1
19	9.0	e0.00	0.03	5.2	0.00	15	0.00	24	11	18	12	7.7
20	6.3	e0.00	0.01	4.6	0.00	10	0.00	18	13	13	7.3	7.4
21	5.1	e0.00	0.00	4.2	0.00	7.6	0.00	13	18	10	5.8	7.9
22	4.0	e0.00	0.00	4.1	0.00	6.0	0.00	9.8	12	10	7.0	9.2
23	3.0	e0.00	0.00	4.8	0.00	6.2	0.00	7.7	11	19	26	9.8
24	2.3	e0.00	0.00	4.0	0.00	7.1	0.00	6.1	11	12	16	9.2
25	1.9	2.5	8.0	3.2	0.00	6.0	0.00	4.9	9.7	20	11	8.5
26	1.6	5.7	23	2.7	0.00	4.6	1.1	3.6	9.7	16	9.7	7.7
27	1.2	4.8	17	2.5	6.3	3.4	7.5	2.7	13	11	8.9	7.4
28	0.90	5.5	13	2.2	8.8	2.6	9.6	2.0	31	9.6	11	7.4
29	0.76	5.1	9.9	2.8	---	1.7	6.6	1.4	57	11	23	7.3
30	0.64	4.6	8.2	2.5	---	1.1	4.2	0.83	61	10	16	7.0
31	0.56	---	6.8	1.6	---	0.77	---	7.9	---	7.0	14	---
TOTAL	501.26	29.61	112.49	128.5	18.37	154.52	52.70	441.43	714.4	724.6	281.4	413.6
MEAN	16.2	0.99	3.63	4.15	0.66	4.98	1.76	14.2	23.8	23.4	9.08	13.8
MAX	52	5.7	23	11	8.8	27	9.6	42	61	61	26	50
MIN	0.56	0.00	0.00	1.2	0.00	0.09	0.00	0.83	9.7	7.0	3.3	7.0
CFSM	1.00	0.06	0.23	0.26	0.04	0.31	0.11	0.88	1.48	1.45	0.56	0.86
IN.	1.16	0.07	0.26	0.30	0.04	0.36	0.12	1.02	1.65	1.67	0.65	0.96

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2005, BY WATER YEAR (WY)

MEAN	7.54	3.08	4.35	5.65	5.61	7.69	4.22	3.06	9.62	16.3	19.7	27.7
MAX	21.1	16.0	38.3	23.0	45.0	38.9	23.3	14.2	31.9	35.0	66.5	94.1
(WY)	(1995)	(1998)	(1998)	(1998)	(1998)	(1987)	(2003)	(2005)	(1992)	(1991)	(2004)	(2004)
MIN	1.50	0.35	0.39	0.18	0.10	0.22	0.05	0.00	0.11	1.49	1.11	1.72
(WY)	(1992)	(2001)	(1991)	(1997)	(1997)	(2000)	(2000)	(2000)	(1988)	(1993)	(1996)	(1987)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1985 - 2005	
ANNUAL TOTAL	7,566.74		3,572.88			
ANNUAL MEAN	20.7		9.79		9.56	
HIGHEST ANNUAL MEAN					21.1	1998
LOWEST ANNUAL MEAN					4.09	1989
HIGHEST DAILY MEAN	507	Sep 6	61	Jun 30	588	Sep 27, 1997
LOWEST DAILY MEAN	0.00	Many days	0.00	Nov 8	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.00	Nov 8	0.00	Nov 8	0.00	May 29, 1988
MAXIMUM PEAK FLOW			94	Sep 3	721	Sep 6, 2004
MAXIMUM PEAK STAGE			4.46	Jun 30	9.99	Sep 27, 1997
ANNUAL RUNOFF (CFSM)	1.28		0.608		0.594	
ANNUAL RUNOFF (INCHES)	17.48		8.26		8.07	
10 PERCENT EXCEEDS	58		26		24	
50 PERCENT EXCEEDS	3.9		5.3		2.8	
90 PERCENT EXCEEDS	0.08		0.00		0.20	

e Estimated

02301750 DELANEY CREEK NEAR TAMPA, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--June 1990 to January 1995; September 1998 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15--minute-interval, mounted on a 2-inch diameter pipe with the top of funnel 7 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2002 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.11	0.00	0.00	0.00	0.00	0.00	0.04	1.65	0.09	0.01	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.89	0.07	0.77	0.32	0.00	0.10
3	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.08	0.00	0.00	2.75
4	0.93	0.03	0.00	0.00	0.01	0.02	0.00	0.04	0.54	0.00	0.27	0.01
5	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.53	0.08	0.00	0.00	0.03
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
7	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	1.29	0.00	0.63	0.04
8	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.20	0.53	0.00	0.01
9	0.00	0.08	0.00	0.00	0.00	0.55	0.00	0.00	0.34	1.80	0.04	0.00
10	0.00	0.00	0.21	0.00	0.06	0.00	0.00	0.00	0.21	0.32	0.07	0.00
11	0.38	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.71	0.01	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.73	0.16	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.50	0.00	0.00
14	0.00	0.00	0.00	0.90	0.00	0.01	0.00	0.00	0.00	0.00	0.37	0.00
15	0.25	0.00	0.00	0.00	0.00	0.15	0.00	0.70	0.00	0.05	0.53	0.00
16	0.00	0.01	0.00	0.00	0.00	0.87	0.00	0.83	0.00	0.12	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	1.33	0.00	0.00	0.01	0.23	0.81	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
20	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.83	0.00	0.01	0.18
21	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.02	0.11	0.22	0.43
22	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.03	0.03	0.37	0.82	0.07
23	0.00	0.00	0.03	0.01	0.00	0.35	0.16	0.00	0.33	0.00	0.34	0.01
24	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.56	0.00	0.00
25	0.01	0.06	1.63	0.00	0.16	0.02	0.00	0.00	0.00	0.00	0.18	0.00
26	0.00	0.00	0.02	0.00	0.13	0.00	0.09	0.00	0.00	0.02	0.00	0.00
27	0.00	0.19	0.00	0.00	1.53	0.00	0.03	0.00	1.53	0.00	0.21	0.00
28	0.00	0.01	0.00	0.11	0.00	0.07	0.00	0.00	1.47	0.91	0.60	0.19
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.27	0.47	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.16	1.37	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.44	---	0.00	0.01	---
TOTAL	1.68	0.83	1.90	1.16	1.89	3.96	1.91	4.46	10.95	7.06	5.27	3.84

CAL YR 2004 TOTAL 64.72
WTR YR 2005 TOTAL 44.91

02301793 EAST LAKE OUTFALL AT EAST CHELSEA STREET NEAR TAMPA, FL.

LOCATION.--Lat 27° 59'05", long 82° 22'19" (1927 North American datum), in SE$^{1}/_{4}$ sec.2, T.29 S., R.19 E., Hillsborough County, Hydrologic Unit 03100206, on upstream side of culvert headwall on East Chelsea Street, 400 ft east of Orient Road, 0.5 mi south of Interstate 4, and 5.7 mi east southeast of Tampa.

DRAINAGE AREA.--1.46 mi^2.

PERIOD OF RECORD.--February 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Hillsborough County).

REMARKS.--Records fair.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.0	0.09	0.05	0.44	0.17	2.1	0.29	2.2	4.1	24	4.4	3.1
2	5.6	0.08	0.02	0.36	0.13	1.3	0.62	2.3	5.8	16	5.3	2.5
3	4.4	0.06	0.01	0.33	0.12	0.98	0.41	1.6	4.9	11	3.3	2.1
4	3.7	0.04	0.01	0.29	0.11	1.3	0.24	1.2	5.7	7.8	2.6	1.5
5	4.2	0.02	0.03	0.24	0.05	1.0	0.17	1.0	12	5.4	2.8	1.2
6	3.8	0.01	0.04	0.21	0.02	0.78	0.12	0.91	13	3.6	2.4	1.1
7	3.0	0.01	0.07	0.28	0.05	0.54	0.09	0.59	8.4	2.3	3.0	0.91
8	2.4	0.01	0.06	0.30	0.09	0.46	0.08	0.37	6.0	1.7	2.9	0.70
9	2.0	0.00	0.05	0.32	0.10	0.45	0.07	0.24	6.6	6.5	2.4	0.51
10	1.7	0.01	0.07	0.32	0.16	0.73	0.06	0.15	8.9	10	3.0	0.34
11	1.6	0.01	0.09	0.32	0.08	0.58	0.08	0.08	9.7	8.1	5.7	0.21
12	1.6	0.01	0.04	0.32	0.05	0.37	0.08	0.05	10	12	4.2	0.11
13	1.6	0.01	0.01	0.29	0.07	0.22	0.17	0.05	10	23	2.9	0.06
14	1.5	0.01	0.01	0.83	0.08	0.55	0.10	0.04	7.1	24	3.2	0.03
15	1.3	0.00	0.01	1.2	0.09	1.1	0.07	0.04	5.0	22	3.8	0.02
16	1.1	0.00	0.00	1.1	0.09	2.0	0.06	0.07	3.1	16	2.7	0.01
17	0.95	0.00	0.00	0.74	0.11	8.5	0.07	0.08	2.0	11	3.2	0.01
18	0.85	0.00	0.00	0.55	0.11	8.6	0.07	0.06	1.2	9.4	2.8	0.01
19	0.75	0.01	0.00	0.49	0.09	6.2	0.07	0.04	0.89	6.7	2.1	0.00
20	0.66	0.01	0.00	0.39	0.09	4.1	0.07	0.02	0.81	4.6	1.5	0.00
21	0.61	0.00	0.00	0.33	0.09	2.9	0.03	0.01	0.77	3.2	1.0	0.08
22	0.50	0.00	0.00	0.29	0.10	2.3	0.02	0.01	0.62	2.4	1.4	0.05
23	0.34	0.00	0.00	0.40	0.11	2.3	0.05	0.00	1.1	1.9	4.1	0.26
24	0.27	0.01	0.00	0.27	0.12	2.2	0.07	0.00	2.3	4.6	6.2	0.27
25	0.24	0.02	0.30	0.19	0.17	1.8	0.04	0.00	3.0	14	5.0	0.17
26	0.19	0.01	1.4	0.16	0.19	1.5	0.17	0.00	6.4	10	4.0	0.08
27	0.16	0.03	1.2	0.15	1.9	1.2	1.6	0.00	5.5	7.1	4.1	0.03
28	0.13	0.05	0.89	0.16	3.1	1.1	1.5	0.00	7.1	4.9	5.5	0.14
29	0.11	0.03	0.64	0.20	---	0.62	1.1	0.00	13	4.0	7.9	0.74
30	0.11	0.06	0.57	0.23	---	0.42	0.75	0.00	27	4.7	5.8	0.73
31	0.09	---	0.48	0.22	---	0.33	---	0.20	---	4.2	4.2	---
TOTAL	52.46	0.60	6.05	11.92	7.64	58.53	8.32	11.31	191.99	286.1	113.4	16.97
MEAN	1.69	0.02	0.20	0.38	0.27	1.89	0.28	0.36	6.40	9.23	3.66	0.57
MAX	7.0	0.09	1.4	1.2	3.1	8.6	1.6	2.3	27	24	7.9	3.1
MIN	0.09	0.00	0.00	0.15	0.02	0.22	0.02	0.00	0.62	1.7	1.0	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2005, BY WATER YEAR (WY)

MEAN	1.22	0.28	1.56	1.31	0.77	0.95	0.34	0.56	3.06	5.56	4.67	5.81
MAX	3.21	0.80	8.17	5.54	3.06	2.16	0.80	2.72	6.40	9.23	9.91	15.4
(WY)	(2000)	(2003)	(2003)	(2003)	(2004)	(2003)	(2003)	(2004)	(2005)	(2005)	(2004)	(2004)
MIN	0.20	0.01	0.00	0.00	0.00	0.02	0.01	0.00	0.04	1.63	1.24	0.57
(WY)	(2001)	(2001)	(2001)	(2001)	(2001)	(2000)	(2000)	(2000)	(2000)	(2000)	(2000)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2000 - 2005	
ANNUAL TOTAL	1,435.98		765.29			
ANNUAL MEAN	3.92		2.10		2.18	
HIGHEST ANNUAL MEAN					3.84	2004
LOWEST ANNUAL MEAN					0.87	2000
HIGHEST DAILY MEAN	101	Sep 6	27	Jun 30	101	Sep 6, 2004
LOWEST DAILY MEAN	0.00	Jan 5	0.00	Nov 9	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.00	May 28	0.00	Dec 16	0.00	Feb 16, 2000
MAXIMUM PEAK FLOW			31	Jun 30	127	Sep 6, 2004
MAXIMUM PEAK STAGE			23.31	Jun 30	25.15	Sep 6, 2004
10 PERCENT EXCEEDS	9.7		6.2		6.4	
50 PERCENT EXCEEDS	0.85		0.39		0.24	
90 PERCENT EXCEEDS	0.00		0.01		0.00	

PRECIPITATION RECORDS

PERIOD OF RECORD.--February 1999 to current year.

GAGE.--Unshielded, standard 8-in diameter, tipping bucket precipitation gage, mounted on top of gage house with the top of the collector 8 ft above the ground.

REMARKS.--Collection, computaion and publication of precipitation data do not necessarily conform to standards used by the National Weather Service.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.74	0.00	0.45	0.02
2	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.30	0.21	0.00	0.04
3	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.04	0.01	0.00	0.00
4	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.55	0.00	0.44	0.00
5	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.08	0.75	0.00	0.00	0.15
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.04	0.00	0.25	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00
9	0.00	0.03	0.00	0.00	0.00	0.27	0.00	0.00	0.63	0.87	0.00	0.00
10	0.00	0.00	0.09	0.00	0.03	0.00	0.00	0.00	0.06	0.10	0.44	0.00
11	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	1.06	0.00	0.00
13	0.01	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.90	0.00	0.00
14	0.00	0.00	0.00	0.35	0.00	0.32	0.00	0.00	0.00	0.67	0.45	0.00
15	0.08	0.00	0.00	0.00	0.00	0.17	0.00	0.05	0.00	0.06	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.15	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.01	0.00	0.38	0.14	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.21	0.01	0.00	0.01
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.05	0.34
22	0.00	0.00	0.00	0.04	0.00	0.01	0.00	0.00	0.10	0.08	0.53	0.13
23	0.00	0.00	0.07	0.01	0.00	0.18	0.27	0.00	0.35	0.00	0.30	0.00
24	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06	0.00	0.00
25	0.00	0.02	0.68	0.00	0.15	0.00	0.00	0.00	0.60	0.00	0.05	0.00
26	0.00	0.00	0.01	0.00	0.03	0.00	0.74	0.00	0.00	0.00	0.19	0.00
27	0.00	0.21	0.00	0.00	0.89	0.00	0.03	0.00	0.20	0.00	0.03	0.03
28	0.00	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.80	0.04	0.66	0.22
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.21	0.20	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	1.40	0.22	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.76	---	0.06	0.00	---
TOTAL	0.35	0.43	0.85	0.41	1.10	2.42	1.66	1.50	8.08	6.14	4.10	0.94

WTR YR 2005 TOTAL 27.98

02301805 PALM RIVER AT MOUTH AT TAMPA, FL.

LOCATION.--Lat 27° 56'31", long 82° 24'36" (1927 North American datum), in SW$^{1}/_{4}$ sec.21, T.29 S., R.19 E., Hillsborough County, Hydrologic Unit 03100206, on left bank, on City of Tampa fishing dock, at southeastern city limits of Tampa, and 4,000 ft downstream from 50th Street (U.S. Highway 41).

DRAINAGE AREA.--36.8 mi^2.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--June 2001 to September 2003 (gage heights only); October 2003 to current year (tidal high-high and low-low only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Interruptions in record were due to days in which a tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low. The extremes for periods published previously as maximum and minimum gage heights are equivalent to tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 6.07 ft, Sept. 6, 2004; minimum, 2.59 ft below NGVD of 1929, Dec. 15, 2004.

EXTREMES FOR CURRENT PERIOD.--Maximum gage height, 4.27 ft, July 10; minimum, 2.59 ft below NGVD of 1929, Dec. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	2.61	-0.33	2.66	-0.25	2.17	-0.89	1.27	-0.99	2.28	-0.33	1.39	-0.46
2	2.46	-0.49	2.70	-0.05	1.73	-0.73	1.47	-0.60	2.06	-0.44	1.41	-0.71
3	2.25	-0.63	2.35	-0.29	1.49	-1.05	1.45	-0.69	2.59	-0.67	1.01	-1.22
4	2.38	-0.27	2.07	0.05	1.34	-0.99	1.59	-0.46	1.20	-0.81	1.59	-1.39
5	2.14	-0.33	2.41	-0.67	1.37	-0.83	1.84	-0.68	1.97	-1.70	1.07	-1.50
6	1.75	-0.44	0.97	-0.75	1.69	-0.21	2.00	-1.08	2.78	-1.66	1.79	-1.63
7	1.26	-0.86	1.75	-0.26	2.11	-0.43	2.09	-1.21	1.22	-1.30	2.77	-1.37
8	1.84	-0.35	1.59	-0.39	1.86	-0.53	1.08	-1.47	2.99	-0.67	1.89	0.04
9	2.41	-0.05	1.42	-0.73	2.56	-1.11	0.64	-1.81	3.14	-0.53	1.61	-1.63
10	2.54	0.13	2.05	-1.10	1.60	-0.67	2.18	-1.81	3.24	-0.17	1.74	-1.27
11	2.82	-0.05	2.93	-0.63	2.60	-0.94	2.38	-1.52	1.27	-1.26	2.09	-0.46
12	2.47	0.16	2.42	-0.35	---	-2.17	2.75	-1.08	1.49	-0.66	1.54	-0.83
13	2.59	0.20	3.38	-0.56	2.31	-1.65	2.63	-0.46	2.46	0.21	2.04	-0.59
14	2.35	-0.45	2.63	-1.52	2.34	-1.75	2.84	-0.73	2.21	0.15	1.73	-0.02
15	2.82	0.45	1.57	-1.84	0.03	-2.59	0.60	-1.34	2.04	0.03	1.74	-1.05
16	2.40	-0.77	1.96	-1.33	0.45	-1.94	0.40	-1.15	1.99	-0.45	2.42	-1.01
17	2.48	-0.90	2.19	-0.93	1.03	-1.19	0.76	-1.50	1.89	-0.26	1.97	-0.42
18	2.62	-0.73	1.83	-0.63	1.27	-0.72	0.76	-1.65	1.27	-1.33	0.71	-0.75
19	2.81	-0.49	1.90	-0.35	1.29	-0.68	1.54	-1.71	1.45	-1.58	0.89	-1.30
20	2.59	-0.55	1.99	0.00	0.76	-1.02	2.21	-1.27	1.10	-1.28	1.68	-1.26
21	2.07	-0.85	1.94	0.16	1.62	-1.15	2.37	-0.64	1.89	-1.01	2.05	-0.92
22	1.36	-0.93	2.28	-0.12	2.34	-1.19	2.77	-0.75	1.97	-0.95	1.80	-0.54
23	2.04	-0.64	2.04	-0.13	2.02	-0.44	0.17	-1.00	1.90	-0.92	2.22	-0.50
24	2.36	-0.03	3.64	-0.01	1.47	-1.27	0.50	-2.02	2.19	-0.49	2.20	-0.68
25	2.25	-0.01	1.89	0.46	0.92	-1.73	1.73	-1.22	2.03	-0.69	1.97	-0.45
26	2.15	-0.43	0.98	-1.35	3.77	-1.33	2.34	-0.56	1.43	-0.85	2.06	-0.61
27	1.92	-0.69	3.28	-0.93	0.28	-2.23	2.40	-0.77	3.28	-0.27	2.57	-0.24
28	2.20	-0.73	1.09	-0.85	0.63	-2.14	1.92	-1.03	2.28	0.20	2.44	-0.57
29	2.52	-0.65	1.75	-1.21	1.31	-1.51	1.57	-0.61	---	---	1.91	-1.03
30	2.58	-0.55	2.01	-1.01	1.58	-1.42	2.27	0.12	---	---	1.96	0.59
31	2.73	-0.41	---	---	1.74	-0.94	1.84	-0.11	---	---	2.50	-1.09
MAX	2.82	0.45	3.64	0.46	---	-0.21	2.84	0.12	3.28	0.21	2.77	0.59
MIN	1.26	-0.93	0.97	-1.84	---	-2.59	0.17	-2.02	1.10	-1.70	0.71	-1.63

02301805 PALM RIVER AT MOUTH AT TAMPA, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	2.71		-1.09		2.79		-1.11		2.13		0.18		2.20		-0.49		2.30		-0.82		2.53		-0.61	
2	1.68		-0.21		1.68		-0.54		2.37		-0.19		2.55		-0.46		2.37		-0.90		2.72		-0.38	
3	1.29		-1.86		1.55		-0.77		2.52		-0.18		2.56		-0.65		2.43		-0.86		2.24		-0.57	
4	1.65		-1.57		2.28		-0.37		2.52		-0.59		2.39		-0.85		2.45		-1.01		2.00		-0.25	
5	---		---		2.77		-0.14		2.52		-0.93		2.68		-0.79		2.47		-0.79		1.72		-0.31	
6	---		---		1.55		-1.21		2.45		-0.88		2.88		-0.56		2.28		-0.96		1.85		-0.25	
7	2.55		-0.07		1.79		-1.21		2.53		-1.12		2.64		-0.74		2.44		-0.74		2.01		-0.22	
8	2.67		-0.46		2.51		-0.87		2.43		-0.99		2.64		-0.77		2.05		-0.25		1.89		-0.34	
9	2.04		-0.91		2.59		-0.93		2.25		-1.03		2.77		0.36		1.91		-0.17		1.90		-0.28	
10	2.11		-1.18		2.66		-0.90		1.89		-0.52		4.27		0.50		1.90		-0.04		1.99		-0.47	
11	2.55		-0.66		2.38		-1.16		2.79		2.07		2.43		1.61		1.85		-0.07		1.98		-0.61	
12	2.89		0.07		---		---		2.27		-0.09		2.11		-0.61		2.04		-0.22		2.15		-0.41	
13	2.47		1.13		---		---		1.78		-0.47		1.70		-0.20		2.11		-0.41		2.65		-0.47	
14	2.21		-0.53		2.10		-0.92		1.64		-0.39		1.92		0.04		2.27		-0.73		2.98		-0.31	
15	1.16		-1.32		1.98		-0.57		1.55		-0.26		2.20		-0.04		2.39		-1.18		2.80		-0.44	
16	0.94		-1.72		---		---		1.96		0.08		2.28		-0.29		2.51		-0.93		3.08		-0.23	
17	1.04		-1.69		---		---		2.27		-0.08		2.27		-0.98		2.76		-1.05		2.74		-0.16	
18	1.13		-1.33		1.58		-0.57		2.47		-0.60		2.54		-0.97		3.02		-0.89		2.69		-0.02	
19	1.54		-0.87		1.81		-0.40		2.38		-1.01		2.83		-1.13		3.09		-1.00		2.22		-0.21	
20	1.79		-0.56		2.20		-0.22		2.27		-1.35		2.99		-1.05		3.00		-0.67		1.51		-1.29	
21	2.06		-0.19		2.53		-0.52		2.60		-1.07		3.09		-0.86		2.80		-0.22		2.79		-0.96	
22	2.22		-0.13		---		---		2.82		-1.26		3.04		-0.81		2.47		-0.09		3.87		0.20	
23	2.74		0.31		2.55		-1.14		3.04		-1.17		2.62		-0.74		2.24		-0.05		3.27		0.21	
24	1.89		-0.87		2.79		-0.85		2.39		-1.30		2.47		0.17		2.17		-0.24		2.77		-0.01	
25	---		---		3.02		-1.23		2.74		0.94		1.94		-0.75		---		---		2.16		-0.05	
26	---		---		2.85		---		2.51		-0.81		1.91		-0.23		---		---		2.08		-0.01	
27	2.73		---		---		---		1.89		-0.36		1.91		-0.27		2.95		0.73		1.83		-0.03	
28	2.01		-1.10		2.58		-1.02		2.08		-0.33		1.81		-0.57		---		---		2.35		-0.10	
29	2.61		-1.15		2.07		-0.72		2.04		-0.04		2.03		-0.53		3.04		0.47		2.47		-0.17	
30	2.99		-0.66		2.17		-0.54		2.08		-0.27		2.07		-0.86		2.17		0.12		2.39		-0.17	
31	---		---		2.29		-0.13		---		---		2.24		-0.73		2.62		-0.36		---		---	
MAX	---		---		---		---		3.04		2.07		4.27		1.61		---		---		3.87		0.21	
MIN	---		---		---		---		1.55		-1.35		1.70		-1.13		---		---		1.51		-1.29	

02301805 PALM RIVER AT MOUTH AT TAMPA, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 2001 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located near the surface and near the bottom.

REMARKS.--Specific conductance records good, temperature records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 51,200 microsiemens, May 7, 2002; bottom sensor maximum, 50,500 microsiemens, July 31, 2001; top sensor minimum, 137 microsiemens, Sept. 14, 2004; bottom sensor minimum, 148 microsiemens, Sept. 12, 2004.

TEMPERATURE.--Top sensor maximum, 35.6° C, Aug. 23, 2005; bottom sensor maximum, 36.3° C, July 8, 2003; top sensor minimum, 12.7° C, Jan. 7, 2003; bottom sensor minimum, 10.9° C, Jan. 24, 2005.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 39,700 microsiemens, Feb. 14; bottom sensor maximum, 40,600 microsiemens, Feb. 10; top sensor minimum, 236 microsiemens, Oct. 1; bottom sensor minimum, 334 microsiemens, Oct. 1.

TEMPERATURE.--Top sensor maximum, 35.6° C, Aug. 23; bottom sensor maximum, 35.0° C, Aug. 11; top sensor minimum, 14.0° C, Dec. 25, Jan. 24; bottom sensor minimum, 10.9° C, Jan. 24.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	1,420	236	28,700	14,100	33,700	17,600	36,700	35,100	37,200	36,400	---	---
2	1,370	412	27,900	15,900	35,100	16,000	37,500	30,200	37,700	36,900	---	---
3	630	355	27,900	15,300	35,100	31,900	37,100	35,500	38,000	36,400	---	---
4	1,780	552	27,300	15,300	34,200	17,300	37,300	32,900	38,000	36,800	---	---
5	4,750	1,330	27,600	21,100	35,300	33,800	37,400	32,500	37,900	36,900	29,500	18,600
6	6,710	4,200	26,600	23,900	34,600	16,400	38,100	33,300	37,600	37,000	35,300	17,100
7	8,090	5,440	30,100	22,000	34,700	16,600	38,000	28,600	38,400	37,200	37,200	27,800
8	11,300	5,680	31,500	15,500	34,700	16,900	37,600	34,600	38,000	35,100	38,600	35,500
9	11,800	5,730	34,600	15,400	36,700	16,200	36,500	24,400	37,500	20,100	37,300	29,300
10	12,200	10,700	36,100	34,400	36,900	35,100	36,100	17,600	39,600	20,100	36,900	16,300
11	11,700	9,440	35,600	29,700	36,800	32,900	35,100	14,500	39,500	35,100	37,800	32,100
12	17,300	11,300	36,400	29,600	36,000	31,300	37,600	27,400	38,900	33,700	37,900	21,100
13	19,300	11,800	36,100	17,400	36,000	32,300	38,900	36,600	39,400	36,100	38,400	16,300
14	21,100	15,800	35,100	19,400	---	---	38,800	30,500	39,700	36,400	36,400	15,900
15	22,500	19,600	35,600	31,700	---	---	36,500	30,000	39,500	33,300	33,600	16,500
16	22,800	15,700	34,900	33,300	---	---	---	---	39,500	34,800	37,300	33,400
17	23,000	19,300	33,600	15,800	34,800	34,200	---	---	37,800	30,100	35,000	19,500
18	24,600	22,700	17,500	15,900	34,700	33,500	---	---	37,600	35,000	29,100	20,200
19	23,900	19,800	18,600	16,300	36,700	32,600	---	---	38,600	36,600	29,400	20,900
20	23,900	21,000	18,600	15,600	---	---	38,000	34,000	39,000	37,900	33,100	27,900
21	22,600	10,200	16,100	12,000	36,500	32,400	37,600	29,500	38,300	30,300	34,000	31,400
22	25,900	17,100	35,100	14,900	37,200	34,400	37,700	33,300	39,500	32,000	35,200	30,900
23	27,200	24,500	35,500	32,300	38,200	18,600	---	---	39,600	17,400	35,300	29,200
24	27,400	25,900	36,200	31,500	37,200	19,100	---	---	38,700	18,100	35,500	26,700
25	27,500	25,600	36,300	33,200	36,400	33,800	37,500	33,900	38,400	30,800	34,600	25,700
26	29,200	25,600	34,300	29,000	---	---	37,200	26,300	38,500	35,900	30,400	15,800
27	29,200	26,500	34,700	32,900	---	---	37,000	24,900	38,400	29,200	35,600	16,500
28	28,500	24,700	34,700	15,700	---	---	37,400	34,800	36,200	25,000	33,900	16,700
29	27,400	13,400	32,600	16,100	36,600	33,600	37,500	35,300	---	---	33,000	26,000
30	28,700	21,200	33,600	31,100	37,400	32,900	37,000	34,100	---	---	32,800	23,200
31	28,500	26,300	---	---	37,700	35,100	36,800	34,500	---	---	23,200	14,300
MONTH	29,200	236	36,400	12,000	---	---	---	---	39,700	17,400	---	---

02301805 PALM RIVER AT MOUTH AT TAMPA, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	34,400	18,200	36,100	22,400	13,400	8,920	25,200	13,500	25,100	23,500	30,300	23,400
2	34,300	21,000	34,100	25,600	14,400	11,300	23,500	20,800	25,500	22,000	29,600	25,600
3	31,300	21,500	33,800	31,300	32,900	13,000	22,600	19,900	25,800	23,000	28,500	22,400
4	31,400	29,600	35,800	17,300	35,000	15,900	23,200	18,700	26,100	24,100	27,600	16,900
5	33,300	30,700	36,000	13,400	29,900	14,100	23,900	18,800	26,300	25,000	29,300	27,100
6	35,400	30,700	36,000	16,900	30,500	27,000	24,600	20,700	27,600	25,700	28,900	24,700
7	35,300	29,100	35,600	14,400	31,800	12,800	23,900	21,300	29,100	22,600	29,200	18,600
8	35,900	33,600	36,400	33,500	30,700	10,100	26,400	22,000	27,300	22,900	30,100	28,000
9	35,500	33,000	36,900	19,400	35,300	27,900	28,200	21,700	25,900	23,500	30,500	28,300
10	34,000	32,200	29,800	16,000	35,900	33,500	27,200	20,900	25,300	22,400	31,600	28,800
11	35,100	19,800	35,400	29,800	36,500	24,900	24,400	19,400	25,000	21,800	32,100	31,000
12	21,900	16,600	35,500	34,500	32,800	26,300	24,100	11,600	22,900	21,400	32,400	30,100
13	30,500	16,900	36,400	34,100	29,300	25,100	22,600	11,400	23,800	22,300	32,300	29,800
14	33,100	16,100	37,200	35,000	31,200	27,400	22,800	14,000	24,600	23,500	32,000	27,400
15	---	---	37,500	30,700	34,000	27,800	20,100	5,270	24,800	22,400	36,000	28,700
16	---	---	34,700	20,100	33,700	29,900	20,700	8,970	25,600	23,200	36,100	30,000
17	---	---	31,800	21,200	32,300	27,900	22,100	12,100	26,600	14,300	35,400	31,600
18	35,700	33,900	36,900	28,100	29,800	26,200	24,000	13,900	25,500	11,700	37,000	33,700
19	35,800	33,000	37,600	32,100	32,100	26,900	25,000	23,500	29,800	24,100	37,000	34,400
20	36,400	30,800	37,200	19,300	30,900	21,800	25,700	23,300	29,800	24,400	37,300	35,000
21	36,600	18,000	27,000	18,500	31,300	22,800	25,200	23,300	30,700	26,700	37,900	35,800
22	36,800	34,000	31,300	17,700	34,700	28,600	28,400	14,800	29,900	8,000	36,600	33,800
23	37,900	36,700	35,600	18,300	35,900	18,000	27,100	11,300	29,200	15,300	35,500	34,600
24	37,400	17,400	---	---	34,700	16,100	28,100	12,900	29,000	24,800	36,300	35,100
25	18,300	16,700	---	---	36,600	13,800	25,200	6,800	---	---	36,700	35,900
26	33,200	16,100	---	---	36,700	23,000	26,500	12,000	---	---	37,000	34,900
27	33,400	19,100	---	---	35,000	23,200	28,000	20,500	32,800	26,200	36,900	35,100
28	33,900	22,500	37,900	24,300	35,200	12,300	27,200	12,900	32,600	30,000	36,500	30,100
29	26,600	16,300	32,200	17,700	31,100	6,290	27,700	24,800	33,400	30,300	37,400	30,900
30	36,300	19,200	37,400	19,600	28,000	12,100	26,800	18,400	32,600	19,200	37,100	33,100
31	---	---	---	---	---	---	27,100	23,400	32,600	24,500	---	---
MONTH	---	---	---	---	36,700	6,290	28,400	5,270	---	---	37,900	16,900

02301805 PALM RIVER AT MOUTH AT TAMPA, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	1,720	334	32,700	28,500	37,000	33,600	38,300	35,300	38,400	36,900	36,500	27,400
2	1,660	428	31,800	28,100	36,200	30,600	37,900	36,500	39,000	37,700	36,900	27,700
3	1,900	591	31,400	27,900	36,800	30,600	37,600	36,400	38,900	37,400	36,000	27,300
4	2,740	1,060	30,700	27,100	36,100	31,100	37,900	36,300	38,600	36,800	36,900	34,300
5	5,390	1,580	30,300	22,600	35,900	31,400	38,800	35,200	38,600	35,100	37,500	34,400
6	7,490	4,200	31,200	23,500	36,600	31,400	38,600	35,200	39,700	36,300	37,600	27,800
7	9,600	5,480	35,300	26,900	36,900	31,500	38,500	32,500	40,000	36,300	38,000	33,400
8	11,600	7,050	34,900	28,500	37,000	31,100	38,800	32,900	40,100	36,200	37,900	35,900
9	13,400	10,200	36,900	29,100	37,200	31,500	39,200	33,700	40,500	36,900	37,600	31,100
10	12,600	11,100	36,500	33,200	37,100	34,000	39,400	31,400	40,600	38,000	37,800	31,500
11	19,000	10,500	37,100	34,300	37,000	33,000	39,200	33,800	40,100	34,500	37,900	33,100
12	27,200	12,200	37,700	34,500	36,800	30,700	39,600	34,800	39,800	35,300	37,500	33,600
13	23,800	12,200	37,000	31,200	36,800	33,100	39,300	37,300	40,500	37,100	38,000	33,000
14	24,200	17,800	35,500	32,500	36,100	32,400	39,200	32,800	40,200	37,600	37,500	32,600
15	26,100	19,600	36,100	34,600	35,300	32,400	36,900	33,600	39,900	37,300	37,700	32,000
16	25,200	19,400	35,200	33,600	35,100	34,200	37,300	35,100	40,000	36,700	37,200	33,500
17	26,300	20,800	36,000	33,000	35,300	34,400	36,000	31,500	39,300	36,000	35,400	21,500
18	27,100	23,000	36,000	34,000	37,400	32,200	37,300	35,400	39,400	35,900	33,700	17,700
19	27,000	21,800	36,400	33,700	37,600	33,600	38,100	37,000	39,600	37,200	35,700	23,400
20	25,600	21,700	36,700	32,600	37,000	32,800	38,600	35,500	39,700	38,100	34,800	28,500
21	23,400	19,800	37,100	32,700	37,900	34,000	38,300	33,000	39,800	37,800	35,400	31,500
22	25,800	21,600	37,200	33,600	38,400	35,700	38,300	34,300	39,900	37,300	36,100	34,000
23	27,200	24,400	37,200	32,500	38,700	36,800	38,400	34,400	40,000	35,500	36,000	31,700
24	31,000	26,500	37,300	31,100	38,200	35,600	38,200	31,400	40,000	36,800	35,600	27,600
25	31,700	26,000	37,200	32,300	37,900	33,600	38,400	36,100	39,800	33,000	35,700	30,400
26	29,700	25,900	35,000	27,100	38,400	31,700	38,200	34,700	38,800	34,900	35,000	30,200
27	31,400	27,400	36,300	33,000	35,600	30,500	38,500	35,400	38,900	34,500	35,600	30,000
28	33,100	27,100	36,600	29,500	36,800	34,700	37,800	35,400	37,800	29,800	35,400	30,500
29	33,500	26,500	35,900	33,200	38,400	35,300	38,300	36,600	---	---	34,900	27,600
30	33,600	26,800	36,700	33,100	38,300	35,000	38,000	35,900	---	---	35,100	26,400
31	32,600	26,900	---	---	38,300	35,900	37,700	35,300	---	---	35,100	28,800
MONTH	33,600	334	37,700	22,600	38,700	30,500	39,600	31,400	40,600	29,800	38,000	17,700
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	34,600	31,900	36,900	26,000	35,100	25,900	27,300	14,900	28,700	21,800	32,800	24,600
2	34,300	30,100	34,400	28,900	34,800	25,600	22,700	18,400	24,300	21,300	32,400	24,900
3	33,600	26,700	34,800	30,400	35,700	28,000	24,300	17,700	28,500	21,600	28,900	20,900
4	35,500	29,600	35,900	33,800	35,200	29,800	25,000	17,400	27,900	22,500	27,600	20,900
5	35,400	31,200	36,600	35,300	34,900	29,400	25,600	18,000	27,900	22,800	28,900	25,900
6	36,000	33,600	35,900	34,000	33,800	29,000	26,200	19,700	28,500	23,700	28,800	25,300
7	36,300	34,700	35,800	34,400	35,400	15,700	26,600	20,900	27,700	23,800	28,900	26,700
8	36,400	34,200	36,600	33,700	36,800	26,700	28,200	19,100	26,900	22,200	29,700	26,800
9	36,000	34,700	37,200	34,300	37,100	30,000	31,600	22,900	27,400	21,700	30,100	27,000
10	35,500	33,400	37,400	34,100	36,600	35,300	28,400	21,800	26,100	22,300	31,300	28,600
11	35,900	34,500	37,600	33,500	37,100	28,300	26,400	21,000	25,600	22,000	31,700	29,600
12	36,200	34,800	36,900	35,100	35,900	27,400	26,500	19,000	26,600	21,500	32,000	29,200
13	36,300	32,000	37,300	35,600	34,800	28,000	26,600	18,000	28,300	22,900	32,600	28,100
14	35,400	30,400	37,100	36,000	35,200	29,700	24,200	17,600	29,800	23,200	34,600	26,600
15	33,700	31,200	37,600	29,300	35,600	29,600	22,600	9,240	29,000	22,900	36,400	28,200
16	35,500	33,000	37,300	27,400	34,200	31,200	24,900	9,310	31,200	23,300	36,600	30,000
17	35,400	34,500	37,100	25,600	32,400	28,200	23,400	19,300	31,200	17,700	37,000	30,400
18	36,000	34,700	36,700	30,300	35,400	26,000	24,400	19,100	31,800	22,200	37,000	31,200
19	36,300	35,400	37,700	35,100	35,600	27,200	25,700	22,600	33,800	24,900	36,300	35,200
20	37,400	35,800	37,700	36,500	35,100	19,000	26,200	23,000	33,700	27,300	36,700	33,500
21	37,700	36,600	37,800	36,800	36,800	24,900	29,900	22,200	34,400	28,300	37,200	33,200
22	38,100	35,000	37,700	34,900	36,800	26,700	30,100	23,100	34,300	27,000	36,700	31,400
23	38,400	37,000	37,900	35,300	37,100	28,000	27,000	19,600	33,800	24,100	36,500	32,800
24	38,100	35,500	38,700	37,500	37,200	29,600	29,300	11,600	32,800	27,100	36,300	34,200
25	38,400	34,500	39,100	35,900	37,000	30,000	26,400	16,100	---	---	36,200	34,000
26	38,600	32,400	38,400	33,100	37,500	30,000	26,100	22,200	---	---	36,600	34,000
27	37,400	30,700	37,800	34,700	37,000	24,500	27,400	22,700	34,300	30,900	36,600	34,400
28	37,000	28,800	38,400	36,700	37,200	27,300	27,500	22,200	33,700	30,200	36,600	31,800
29	37,400	33,200	38,500	35,300	36,100	24,600	28,100	23,800	33,800	30,400	37,500	32,700
30	38,000	35,300	38,600	35,600	29,800	17,000	25,700	22,800	33,300	27,600	37,600	33,400
31	---	---	37,600	30,900	---	---	25,700	22,300	32,700	24,600	---	---
MONTH	38,600	26,700	39,100	25,600	37,500	15,700	31,600	9,240	---	---	37,600	20,900

02301805 PALM RIVER AT MOUTH AT TAMPA, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	28.9	26.0	27.3	25.1	24.2	21.4	18.1	16.2	18.4	16.1	---	---
2	29.1	26.3	27.9	25.6	23.3	22.2	18.5	16.0	18.4	16.3	---	---
3	30.6	26.7	29.0	25.6	22.3	20.5	17.9	16.0	19.4	16.8	18.7	17.2
4	28.8	26.8	28.5	25.8	20.8	19.8	18.9	16.0	19.1	16.1	20.5	17.2
5	27.6	26.8	27.0	24.5	22.1	19.5	19.6	15.6	17.4	15.7	20.3	17.3
6	27.2	26.5	25.4	23.3	23.0	20.4	20.2	17.0	17.7	15.8	21.9	18.7
7	26.8	26.2	26.3	23.3	23.2	21.1	21.1	17.8	18.3	16.1	21.9	18.9
8	28.3	25.7	25.5	23.2	24.3	20.5	22.6	19.5	19.2	16.8	20.4	18.8
9	27.8	26.0	25.2	22.9	23.8	21.8	22.6	19.0	20.1	16.3	19.3	16.6
10	26.9	26.1	24.6	23.2	23.4	22.3	22.3	17.4	20.3	16.8	20.0	15.4
11	26.4	25.5	25.1	23.1	22.6	20.4	21.5	18.6	17.8	14.9	20.8	17.0
12	28.7	25.0	24.7	23.3	20.6	19.1	21.6	18.3	18.1	15.0	20.2	17.7
13	28.1	25.3	25.2	23.6	21.7	19.0	21.4	19.6	19.1	15.5	21.7	18.3
14	28.4	23.8	24.7	23.4	---	---	21.4	18.9	19.5	16.6	22.1	20.3
15	27.3	25.0	23.6	22.7	---	---	19.6	17.8	21.7	18.2	22.2	21.1
16	28.3	24.0	23.7	22.3	---	---	---	---	21.5	19.0	22.4	20.6
17	29.1	24.4	24.8	21.3	17.5	16.6	---	---	22.6	18.8	21.9	20.2
18	28.2	25.1	25.3	21.2	19.1	16.2	---	---	21.0	18.2	22.2	18.8
19	29.4	26.2	25.0	21.0	18.2	15.1	17.4	15.8	19.8	17.3	22.9	17.3
20	29.1	26.9	24.7	22.0	---	---	16.6	15.0	20.9	18.1	23.3	19.3
21	27.9	26.3	24.5	21.7	16.7	14.2	18.4	15.3	21.4	18.6	22.0	20.6
22	27.8	25.8	24.8	21.6	17.4	15.1	18.1	16.8	22.7	20.1	24.2	20.8
23	27.1	25.1	24.5	22.5	19.4	16.7	18.0	15.3	23.3	20.2	23.4	22.2
24	27.0	24.6	24.0	22.3	17.9	16.1	16.2	14.0	22.7	21.0	23.8	20.4
25	27.3	25.0	24.0	22.0	16.3	14.0	17.8	14.1	22.3	20.9	24.9	22.4
26	26.4	24.5	22.5	19.9	---	---	17.7	14.7	21.5	20.0	25.9	23.5
27	26.4	24.6	22.1	19.8	---	---	19.9	16.4	20.8	19.4	26.0	23.6
28	26.8	24.4	23.7	20.7	16.3	14.1	18.5	17.1	22.1	19.3	24.9	22.7
29	27.6	24.4	23.0	20.4	17.2	14.8	18.2	16.6	---	---	24.2	20.8
30	28.1	25.1	23.4	21.2	17.6	15.2	19.4	16.6	---	---	25.1	21.0
31	27.3	25.3	---	---	17.8	15.2	19.0	16.6	---	---	25.8	23.8
MONTH	30.6	23.8	29.0	19.8	---	---	---	---	23.3	14.9	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	26.4	23.8	25.2	23.1	29.5	26.8	32.3	27.8	33.5	30.5	31.8	29.7
2	25.5	22.6	27.4	23.9	29.6	26.1	31.9	27.2	32.7	30.3	31.6	29.4
3	24.4	21.3	27.5	24.3	29.1	27.1	32.1	27.0	32.7	30.4	31.9	29.2
4	25.6	21.4	25.6	24.0	28.6	27.4	33.8	25.3	33.4	30.6	31.3	28.1
5	25.4	22.4	24.6	23.1	29.8	26.6	33.7	25.8	32.8	30.2	30.6	28.9
6	25.0	22.6	26.1	22.8	31.0	27.2	33.4	27.2	33.8	29.6	31.0	28.7
7	24.4	22.7	26.7	22.9	30.7	26.6	34.1	26.0	32.5	30.3	30.5	28.6
8	24.9	22.3	27.5	23.7	31.9	25.7	32.4	24.9	32.3	29.7	30.2	28.1
9	25.8	23.1	27.0	24.2	29.6	27.8	30.8	25.4	32.1	30.3	31.3	27.9
10	25.7	23.0	27.3	24.5	28.4	27.2	29.4	28.2	33.0	30.2	32.2	28.2
11	25.3	22.5	27.8	25.1	30.2	27.1	31.8	28.6	35.1	30.6	31.0	28.7
12	25.2	23.1	27.5	24.5	30.4	28.1	31.7	28.0	33.8	30.9	31.3	28.6
13	25.5	22.6	26.8	24.4	31.4	27.2	31.6	27.0	34.6	30.1	30.8	29.1
14	24.5	21.8	27.5	24.9	32.1	27.6	33.8	27.2	33.0	30.8	30.3	28.8
15	---	---	28.2	24.9	33.4	28.9	30.7	28.1	34.0	30.3	30.4	28.3
16	---	---	30.2	22.8	32.8	29.5	32.2	27.4	34.0	31.0	31.4	27.7
17	24.1	21.3	30.5	24.7	31.8	29.9	31.5	28.2	33.2	28.7	31.4	28.4
18	23.9	21.0	29.0	25.6	31.5	29.5	31.1	28.2	33.2	28.4	31.0	28.1
19	24.5	19.9	28.1	25.8	32.0	29.5	31.1	29.0	34.6	30.8	30.5	28.9
20	25.5	21.8	29.4	25.0	30.7	28.1	32.0	29.0	34.3	30.7	29.8	28.4
21	24.6	20.6	29.3	26.7	30.3	27.7	32.1	29.3	33.3	30.3	29.5	27.9
22	25.4	21.3	29.4	27.1	30.1	28.4	32.9	29.4	34.3	28.4	28.8	28.2
23	24.1	23.1	29.5	27.1	30.3	27.5	32.1	28.6	35.6	28.4	29.3	27.8
24	23.7	20.9	28.1	26.9	30.2	25.8	31.9	27.6	33.7	30.7	30.4	28.0
25	25.4	21.2	29.1	27.1	31.9	27.7	32.4	26.4	---	---	30.1	28.1
26	23.1	21.9	28.9	26.7	32.1	28.3	32.1	29.6	---	---	31.6	28.2
27	23.9	20.1	29.5	26.5	31.7	28.8	34.1	27.9	31.0	29.8	31.6	28.8
28	25.9	17.9	29.9	27.2	32.8	27.2	33.5	29.0	31.7	29.9	30.8	27.9
29	25.6	22.1	30.4	27.8	31.0	27.8	32.9	31.0	31.9	29.6	31.3	27.3
30	26.2	23.2	30.9	28.0	30.5	27.4	32.9	29.0	32.1	30.1	30.8	28.5
31	---	---	30.4	27.4	---	---	33.5	30.0	32.1	27.4	---	---
MONTH	---	---	30.9	22.8	33.4	25.7	34.1	24.9	---	---	32.2	27.3

02301805 PALM RIVER AT MOUTH AT TAMPA, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	27.7	26.0	27.3	25.1	24.0	21.5	17.8	15.7	18.1	16.0	21.2	18.1
2	28.7	26.2	28.0	25.4	23.2	22.1	18.2	15.8	18.1	16.2	20.4	16.8
3	29.1	26.6	29.1	25.5	22.2	20.6	18.0	16.0	19.3	17.0	19.1	16.1
4	28.8	26.7	28.4	25.7	21.1	19.7	18.5	16.0	19.0	16.0	20.2	16.7
5	28.6	26.7	26.9	24.4	22.0	19.4	19.6	16.2	17.3	12.7	20.2	16.9
6	28.5	26.4	26.2	23.2	22.7	20.1	20.1	16.7	17.5	15.1	21.4	15.6
7	27.7	26.1	26.2	23.3	22.8	20.9	21.0	17.7	18.1	16.1	21.7	19.1
8	28.0	25.6	25.9	23.2	23.8	21.1	22.0	18.8	19.2	16.2	20.3	19.3
9	27.6	26.0	25.4	22.7	23.7	21.4	21.9	18.9	20.0	16.5	19.4	17.2
10	26.8	26.0	24.4	22.6	23.3	22.4	22.3	17.7	20.2	17.7	20.1	15.6
11	26.8	25.6	24.9	23.0	22.5	20.3	21.1	19.1	17.8	14.3	20.7	17.9
12	28.4	25.1	24.6	23.1	20.6	18.0	21.3	18.3	17.8	15.1	20.1	18.0
13	28.0	25.4	25.0	23.6	21.6	18.6	21.4	19.5	18.8	15.8	21.6	18.7
14	28.1	25.6	24.6	23.1	20.1	16.1	21.4	18.9	19.1	16.7	21.7	20.1
15	27.6	25.1	24.3	22.3	18.0	15.4	19.9	18.1	21.6	18.5	21.9	20.8
16	27.4	24.0	23.7	22.1	18.7	14.6	19.3	16.8	21.4	19.3	22.3	20.7
17	27.8	24.2	24.0	21.2	17.5	16.3	17.8	14.4	22.5	19.5	21.9	20.6
18	28.0	25.0	24.8	21.1	18.8	16.1	17.2	14.1	21.0	18.3	22.0	18.6
19	29.7	26.1	25.0	21.5	18.6	15.5	17.2	14.9	19.5	16.8	22.1	17.6
20	29.2	26.8	24.5	22.0	16.4	14.2	16.5	15.1	20.6	17.6	22.6	18.6
21	29.1	26.2	24.3	22.3	16.5	13.5	18.2	15.7	21.3	18.1	22.0	19.9
22	28.2	25.8	24.3	22.1	17.2	15.3	18.0	16.6	22.6	19.1	24.1	20.8
23	27.1	25.0	24.1	22.4	18.2	16.6	17.9	15.4	23.1	20.5	23.2	22.1
24	26.8	24.5	23.9	22.7	17.8	16.1	16.1	10.9	22.4	21.1	23.6	21.2
25	27.0	24.7	23.8	22.7	16.2	15.1	17.7	13.5	22.1	21.0	25.4	22.2
26	26.3	24.7	22.7	19.2	15.9	12.2	17.6	15.2	21.3	19.6	25.8	23.7
27	26.3	24.2	21.7	19.5	15.8	11.3	19.7	16.6	20.7	19.9	25.9	23.8
28	26.7	23.8	22.9	19.9	16.6	12.7	18.4	17.0	22.0	19.6	24.7	22.4
29	27.2	24.7	22.7	20.4	17.1	14.7	17.7	16.6	---	---	24.1	21.3
30	27.9	25.1	23.0	20.4	17.2	15.0	19.3	16.9	---	---	24.7	21.1
31	27.3	25.2	---	---	17.3	15.5	18.8	16.5	---	---	25.7	23.5
MONTH	29.7	23.8	29.1	19.2	24.0	11.3	22.3	10.9	23.1	12.7	25.9	15.6
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.6	23.8	25.0	22.5	29.6	27.2	32.2	28.8	33.2	30.4	31.7	30.5
2	25.4	22.7	27.1	23.8	29.1	27.1	31.8	29.8	32.6	30.3	31.1	29.6
3	24.2	20.5	27.5	24.2	29.0	27.7	32.0	29.9	32.6	30.3	31.8	29.2
4	25.5	21.5	25.5	23.9	28.4	27.4	33.2	30.4	33.2	30.7	31.2	28.5
5	25.2	22.0	24.5	23.5	29.7	27.0	33.3	30.4	31.9	30.2	30.5	28.5
6	24.7	22.9	25.8	22.8	30.6	27.4	32.8	30.6	33.5	29.5	30.9	28.6
7	24.4	22.9	26.6	23.0	30.5	26.6	33.0	30.8	32.4	30.2	30.4	28.4
8	24.8	22.2	27.1	23.5	31.1	28.4	32.1	30.0	31.9	29.8	30.1	28.0
9	25.7	23.0	26.9	24.1	29.5	28.0	30.9	28.7	31.9	30.1	30.8	27.8
10	25.4	22.9	27.2	24.6	28.5	27.2	29.3	28.1	32.9	30.5	32.0	28.1
11	25.2	22.3	27.6	25.0	29.9	27.0	31.5	28.3	35.0	30.4	31.6	28.6
12	25.1	23.0	27.4	24.5	29.8	28.1	30.6	28.4	34.7	30.8	31.5	28.4
13	25.4	22.9	26.7	24.5	30.7	27.3	30.5	27.9	34.3	30.0	30.7	29.0
14	24.4	21.9	27.2	24.8	31.5	27.8	33.1	28.7	33.0	30.8	30.2	28.6
15	24.4	21.5	28.1	25.0	33.2	29.1	32.0	28.1	33.9	30.2	30.1	28.5
16	23.6	20.7	29.4	24.6	32.7	29.6	31.8	27.6	33.6	30.9	31.1	28.0
17	23.7	20.7	29.6	25.7	31.8	29.8	31.8	28.7	32.9	29.9	31.3	28.3
18	23.4	20.5	28.5	25.5	31.4	29.6	31.1	28.3	33.1	30.4	30.9	28.3
19	24.2	21.2	27.9	25.4	32.0	29.5	30.9	29.0	33.9	30.9	30.4	28.7
20	24.8	21.9	29.4	25.8	30.6	28.7	31.8	29.0	33.9	30.8	30.0	28.3
21	24.5	22.0	29.6	26.7	30.3	27.9	31.9	29.2	32.9	30.5	29.2	27.9
22	25.3	22.0	29.3	27.1	30.1	28.4	32.6	29.4	33.4	30.8	28.6	28.1
23	24.1	22.9	29.4	26.9	29.9	27.9	31.9	28.5	34.3	30.4	29.1	27.7
24	23.6	21.5	28.0	26.7	30.0	27.9	31.4	27.9	33.5	30.6	30.1	27.9
25	25.2	21.1	29.0	27.0	31.6	27.8	32.3	28.8	---	---	30.0	28.0
26	23.0	21.8	28.7	26.6	31.8	29.6	31.6	29.8	---	---	31.5	26.5
27	23.4	21.6	29.3	26.4	31.7	29.4	34.1	30.2	30.9	29.7	31.6	28.7
28	25.8	19.5	29.8	27.4	31.8	29.0	34.0	30.6	31.5	29.9	30.7	28.6
29	25.4	22.4	30.3	27.8	30.8	29.0	33.2	30.9	31.8	29.5	31.1	27.3
30	26.1	23.6	30.7	28.1	30.2	28.9	33.7	30.5	32.0	29.8	30.7	28.4
31	---	---	30.3	28.0	---	---	33.3	29.9	31.7	30.5	---	---
MONTH	26.1	19.5	30.7	22.5	33.2	26.6	34.1	27.6	---	---	32.0	26.5

02301985 UPPER HILLSBOROUGH RIVER NEAR ZEPHYRHILLS, FL.

LOCATION.--Lat 28° 12'51", long 82° 07'49" (1927 North American datum), in NE$^{1}/_{4}$ sec.20, T.26 S., R.22 E., Pasco County, Hydrologic Unit 03100205, on right bank, 70 ft upstream from Upper Hillsborough Transect Site, 1.5 mi east of Zephyrhills Municipal Airport, and 3.5 mi southeast of Zephyrhills.

DRAINAGE AREA.--47.3 mi^2.

PERIOD OF RECORD.--June 2002 to current year (gage heights only), discontinued.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 75.25 ft, Sept. 29, 2004; minimum, 67.04 ft, June 16, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 74.94 ft, Oct. 1; minimum, 67.70 ft, May 29, 30.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.94	69.72	68.62	68.57	68.37	68.81	68.49	68.33	68.54	---	---	68.84
2	74.85	69.56	68.60	68.54	68.38	68.68	68.47	68.31	68.32	---	69.54	69.26
3	74.75	69.40	68.57	68.54	68.38	68.59	68.43	68.27	68.25	---	69.34	70.18
4	74.65	69.27	68.56	68.59	68.36	68.59	68.39	68.25	68.28	---	69.72	70.78
5	74.53	69.15	68.55	68.56	68.34	68.50	68.36	68.31	68.30	---	70.94	70.87
6	74.40	69.03	68.50	68.53	68.37	68.44	68.31	68.35	68.28	---	70.32	70.74
7	74.26	68.92	68.47	68.47	68.36	68.40	68.28	68.26	68.25	---	70.04	70.57
8	74.10	68.81	68.46	68.46	68.35	68.36	68.26	68.20	68.25	---	69.82	70.38
9	73.95	68.75	68.47	68.45	68.32	68.37	68.22	68.16	68.32	---	69.64	70.12
10	73.79	68.72	68.51	68.46	68.31	68.45	68.20	68.11	68.39	---	69.52	69.86
11	73.64	68.66	68.53	68.48	68.28	68.40	68.18	68.07	68.67	---	69.36	69.61
12	73.49	68.62	68.49	68.48	68.21	68.37	68.14	68.07	69.56	---	69.37	69.39
13	73.31	68.58	68.47	68.47	68.15	68.35	68.17	68.02	70.42	---	69.42	69.19
14	73.13	68.55	68.47	68.58	68.19	68.39	68.13	67.97	70.28	---	69.25	69.01
15	72.96	68.52	68.44	68.61	68.17	68.45	68.06	67.94	70.20	---	69.16	68.86
16	72.78	68.50	68.42	68.55	68.16	68.54	68.00	67.92	---	---	69.06	68.73
17	72.59	68.47	68.43	68.50	68.17	69.02	67.98	67.95	---	---	68.95	68.65
18	72.40	68.45	68.43	68.47	68.13	69.09	67.97	68.06	---	---	68.85	68.57
19	72.23	68.43	68.41	68.42	68.11	68.99	67.94	67.99	---	---	68.74	68.52
20	72.05	68.41	68.40	68.42	68.10	68.93	67.91	67.95	---	---	68.65	68.52
21	71.87	68.40	68.41	68.43	68.07	68.91	67.89	67.93	---	---	68.58	68.57
22	71.67	68.39	68.44	68.39	68.07	68.97	67.89	67.91	---	---	68.57	68.54
23	71.48	68.39	68.43	68.39	68.05	69.01	67.92	67.91	---	---	68.89	68.59
24	71.29	68.39	68.39	68.34	68.05	68.95	68.08	67.90	---	---	68.96	68.54
25	71.10	68.53	68.61	68.35	68.12	68.91	67.97	67.88	---	---	68.86	68.46
26	70.87	68.51	68.89	68.35	68.34	69.13	68.01	67.82	---	---	68.79	68.42
27	70.63	68.52	68.75	68.30	68.72	69.09	68.59	67.75	---	---	68.73	68.39
28	70.42	68.72	68.72	68.28	68.98	69.00	68.38	67.71	---	---	68.71	68.38
29	70.23	68.69	68.70	68.30	---	68.84	68.29	67.70	---	---	68.67	68.38
30	70.05	68.67	68.69	68.35	---	68.68	68.26	67.70	---	---	68.58	68.34
31	69.88	---	68.61	68.35	---	68.58	---	68.17	---	---	68.75	---
MEAN	72.65	68.72	68.53	68.45	68.27	68.70	68.17	68.03	---	---	---	69.18
MAX	74.94	69.72	68.89	68.61	68.98	69.13	68.59	68.35	---	---	---	70.87
MIN	69.88	68.39	68.39	68.28	68.05	68.35	67.89	67.70	---	---	---	68.34

02301988 HILLSBOROUGH RIVER AT STATE HIGHWAY 39 NEAR CRYSTAL SPRINGS, FL.

LOCATION.--Lat 28° 11'35", long 82° 09'55" (1927 North American datum), in NE$^{1}/_{4}$ sec.25, T.26 S., R.21 E., Pasco County, Hydrologic Unit 03100205, on right bank, 75 ft downstream from State Highway 39 bridge, 0.8 mi north of town of Crystal Springs, and 45 mi upstream from mouth.

DRAINAGE AREA.--72.5 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--February 2003 to April 2005 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Maximum discharge, 1,220 cfs, Oct. 1, stage falling, peak occurred Sept. 27, 2004; maximum peak discharge, 45 cfs, March 18, gage height 55.31 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,170	58	18	20	13	29	17	---	---	---	---	---
2	1,080	53	17	20	13	24	16	---	---	---	---	---
3	1,010	48	16	19	13	22	16	---	---	---	---	---
4	939	44	16	19	13	21	15	---	---	---	---	---
5	869	40	15	18	14	19	14	---	---	---	---	---
6	802	38	15	18	13	17	13	---	---	---	---	---
7	735	33	14	18	13	15	12	---	---	---	---	---
8	662	29	14	17	13	15	12	---	---	---	---	---
9	592	27	13	16	12	15	11	---	---	---	---	---
10	526	25	14	16	12	17	10	---	---	---	---	---
11	469	25	15	16	12	16	10	---	---	---	---	---
12	421	23	14	16	12	14	9.9	---	---	---	---	---
13	364	21	14	16	12	14	11	---	---	---	---	---
14	315	20	13	19	12	14	11	---	---	---	---	---
15	275	18	13	21	12	15	9.8	---	---	---	---	---
16	255	17	12	19	12	17	9.1	---	---	---	---	---
17	232	16	12	18	12	35	8.6	---	---	---	---	---
18	209	14	12	17	12	42	8.6	---	---	---	---	---
19	187	14	11	16	12	35	8.5	---	---	---	---	---
20	172	16	11	16	12	32	8.3	---	---	---	---	---
21	156	15	11	15	12	30	7.9	---	---	---	---	---
22	144	13	11	15	12	31	e7.6	---	---	---	---	---
23	132	12	11	16	12	32	e8.5	---	---	---	---	---
24	121	13	12	15	12	31	e10	---	---	---	---	---
25	112	32	19	14	13	28	e9.9	---	---	---	---	---
26	108	25	33	13	15	31	e11	---	---	---	---	---
27	91	21	27	13	28	32	e24	---	---	---	---	---
28	83	28	23	13	37	30	e18	---	---	---	---	---
29	77	24	22	13	---	27	e15	---	---	---	---	---
30	73	19	21	13	---	23	e14	---	---	---	---	---
31	65	---	21	13	---	20	---	---	---	---	---	---
TOTAL	12,446	781	490	508	390	743	356.7	---	---	---	---	---
MEAN	401	26.0	15.8	16.4	13.9	24.0	11.9	---	---	---	---	---
MAX	1,170	58	33	21	37	42	24	---	---	---	---	---
MIN	65	12	11	13	12	14	7.6	---	---	---	---	---
MED	255	23	14	16	12	23	11	---	---	---	---	---
AC-FT	24,690	1,550	972	1,010	774	1,470	708	---	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2005, BY WATER YEAR (WY)

MEAN	212	17.7	14.0	17.4	30.6	57.5	19.3	11.1	57.5	116	270	462
MAX	401	26.0	15.8	18.4	41.4	107	32.8	12.8	101	210	362	820
(WY)	(2005)	(2005)	(2005)	(2004)	(2004)	(2003)	(2003)	(2004)	(2003)	(2003)	(2003)	(2004)
MIN	21.8	9.34	12.1	16.4	13.9	24.0	11.9	9.45	14.2	22.0	178	104
(WY)	(2004)	(2004)	(2004)	(2005)	(2005)	(2005)	(2005)	(2003)	(2004)	(2004)	(2004)	(2003)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		WATER YEARS 2003 - 2005	
ANNUAL TOTAL	48,825.3			
ANNUAL MEAN	133		99.6	
HIGHEST ANNUAL MEAN			99.6	2004
LOWEST ANNUAL MEAN			99.6	2004
HIGHEST DAILY MEAN	1,430	Sep 29	1,430	Sep 29, 2004
LOWEST DAILY MEAN	4.5	Jun 4	4.5	Jun 4, 2004
ANNUAL SEVEN-DAY MINIMUM	4.8	May 30	4.8	May 30, 2004
MAXIMUM PEAK FLOW			1,460	Sep 27, 2004
MAXIMUM PEAK STAGE			60.48	Sep 27, 2004
ANNUAL RUNOFF (AC-FT)	96,840		72,130	
10 PERCENT EXCEEDS	397		204	
50 PERCENT EXCEEDS	22		17	
90 PERCENT EXCEEDS	9.2		7.9	

e Estimated

02301988 HILLSBOROUGH RIVER AT STATE HIGHWAY 39 NEAR CRYSTAL SPRINGS, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 2003 to April 2005 (discontinued).

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors.

REMARKS.--Specific conductance and temperature records fair.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 613 microsiemens, Sept. 30, 2003; minimum, 82 microsiemens, Sept. 7, 2004.

TEMPERATURE.--Maximum, 27.6° C, Sept. 17, 18, 2004; minimum, 12.7° C, Dec. 21, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Maximum, 416 microsiemens, Jan. 16, Feb. 24, 25; minimum, 91 microsiemens, Oct. 4, 5.

TEMPERATURE.--Maximum, 27.2° C, Oct. 4; minimum, 13.2° C, Dec. 27, Jan. 25.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	102	98	275	263	392	386	390	387	411	405	376	368
2	102	94	288	272	390	384	390	389	413	404	375	369
3	96	92	301	285	388	381	395	390	407	403	371	368
4	95	91	308	287	383	381	395	391	410	403	376	369
5	95	91	323	306	384	381	399	393	408	404	380	375
6	99	93	328	317	386	383	398	395	411	405	384	378
7	106	98	331	327	389	385	404	397	409	405	383	380
8	106	98	334	323	392	388	401	399	410	405	386	382
9	110	96	343	323	397	392	401	399	411	406	391	383
10	100	97	357	343	400	396	402	399	411	405	394	387
11	106	99	364	353	401	398	403	400	409	406	394	390
12	111	103	371	360	399	396	404	400	408	405	393	389
13	112	107	377	366	398	396	404	401	409	406	391	387
14	117	111	383	377	397	394	405	400	409	406	392	387
15	134	117	386	382	395	382	414	402	411	408	394	389
16	135	130	391	378	391	388	416	407	411	408	402	393
17	138	131	389	383	391	389	408	405	411	408	400	390
18	143	138	391	387	395	391	409	404	412	408	405	389
19	161	141	394	389	398	393	406	403	411	408	395	390
20	171	158	403	390	399	395	406	402	411	408	396	385
21	172	164	395	391	399	396	403	401	411	408	386	376
22	186	170	397	393	399	396	403	400	412	410	380	377
23	185	176	395	392	403	396	405	401	414	410	379	375
24	191	185	398	393	402	399	408	404	416	412	381	375
25	221	190	403	390	401	376	408	405	416	412	383	378
26	226	206	402	400	411	382	409	405	415	413	383	380
27	212	206	403	397	410	394	411	407	415	373	381	371
28	221	210	405	397	399	394	414	408	402	369	379	372
29	235	221	402	397	394	390	414	410	---	---	392	379
30	251	235	397	390	390	387	415	410	---	---	387	377
31	264	251	---	---	388	386	412	408	---	---	391	380
MONTH	264	91	405	263	411	376	416	387	416	369	405	368

02301988 HILLSBOROUGH RIVER AT STATE HIGHWAY 39 NEAR CRYSTAL SPRINGS, FL.—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	387	378	---	---	---	---	---	---	---	---	---	---
2	385	381	---	---	---	---	---	---	---	---	---	---
3	385	381	---	---	---	---	---	---	---	---	---	---
4	385	380	---	---	---	---	---	---	---	---	---	---
5	385	380	---	---	---	---	---	---	---	---	---	---
6	386	383	---	---	---	---	---	---	---	---	---	---
7	390	384	---	---	---	---	---	---	---	---	---	---
8	399	386	---	---	---	---	---	---	---	---	---	---
9	393	388	---	---	---	---	---	---	---	---	---	---
10	397	390	---	---	---	---	---	---	---	---	---	---
11	396	393	---	---	---	---	---	---	---	---	---	---
12	398	389	---	---	---	---	---	---	---	---	---	---
13	400	390	---	---	---	---	---	---	---	---	---	---
14	411	393	---	---	---	---	---	---	---	---	---	---
15	406	398	---	---	---	---	---	---	---	---	---	---
16	409	401	---	---	---	---	---	---	---	---	---	---
17	410	399	---	---	---	---	---	---	---	---	---	---
18	409	401	---	---	---	---	---	---	---	---	---	---
19	411	400	---	---	---	---	---	---	---	---	---	---
20	404	399	---	---	---	---	---	---	---	---	---	---
21	403	399	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02301988 HILLSBOROUGH RIVER AT STATE HIGHWAY 39 NEAR CRYSTAL SPRINGS, FL.—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	26.7	25.8	24.5	23.1	21.0	20.1	18.8	17.9	17.7	16.3	19.5	17.8
2	27.1	26.1	24.9	23.4	21.0	20.4	18.8	18.1	18.2	17.2	18.4	16.5
3	27.1	26.1	24.7	23.5	20.4	19.0	18.8	18.0	19.2	17.8	16.6	14.8
4	27.2	26.2	24.6	23.1	19.0	17.9	19.1	18.0	19.2	16.2	16.6	14.7
5	27.0	26.4	24.3	22.7	18.6	17.4	19.5	18.5	16.3	14.7	16.4	14.9
6	26.7	26.0	22.7	21.3	19.8	18.5	19.7	18.8	17.6	15.8	17.6	16.0
7	26.1	25.3	21.9	20.2	20.8	19.7	20.4	19.3	18.1	17.1	18.7	17.1
8	25.5	24.4	21.2	19.5	21.7	20.4	20.6	19.7	18.9	17.6	19.3	18.1
9	25.5	24.5	20.7	19.9	21.9	21.1	20.5	19.6	18.9	17.6	18.6	16.0
10	25.3	24.6	21.2	20.2	22.2	21.7	20.4	19.5	19.1	18.0	17.4	15.4
11	25.1	24.3	22.2	20.9	21.8	19.4	20.1	19.3	18.0	15.5	17.2	15.8
12	25.0	23.9	22.4	21.3	19.4	17.3	20.5	19.5	15.5	14.1	17.9	16.5
13	25.1	24.1	22.7	21.9	18.1	16.6	21.1	19.9	16.3	14.3	18.6	16.5
14	24.6	23.4	22.9	22.5	18.1	16.2	21.1	19.7	17.7	15.4	19.2	18.2
15	23.8	22.0	22.5	21.7	16.2	14.2	19.7	18.5	19.1	17.4	19.6	19.0
16	22.0	20.3	21.9	21.3	15.9	14.1	18.5	17.0	19.6	18.2	20.4	19.4
17	21.9	20.4	21.3	20.3	17.2	15.8	17.0	15.0	20.2	18.6	20.3	19.8
18	22.5	21.2	20.9	20.0	17.9	17.1	15.0	14.0	19.8	17.9	19.8	18.4
19	23.9	22.5	21.0	19.9	17.7	16.6	15.0	13.9	17.9	16.2	18.4	16.4
20	24.9	23.8	21.8	20.5	16.6	14.4	15.4	14.2	18.5	16.5	17.9	15.8
21	25.1	24.3	21.8	20.9	15.0	13.3	16.5	15.1	19.8	17.6	18.4	17.0
22	24.8	23.8	22.0	21.0	17.2	14.9	17.5	16.2	20.6	18.9	20.2	18.4
23	23.8	23.1	22.2	21.4	18.5	17.1	17.5	15.8	21.3	20.0	20.6	19.8
24	23.1	22.5	22.8	21.9	18.5	17.2	15.8	13.6	21.1	20.3	20.8	20.2
25	23.6	22.5	23.2	21.8	17.2	15.4	15.0	13.2	20.4	19.8	22.0	20.4
26	23.6	22.8	21.8	19.7	16.7	14.4	16.1	14.6	19.8	19.1	22.3	21.2
27	23.3	22.5	20.9	19.6	14.5	13.2	17.8	16.0	19.8	19.2	22.9	21.4
28	23.1	22.2	21.1	20.4	14.8	13.7	17.7	17.2	19.9	18.9	22.8	21.7
29	23.6	22.2	20.4	19.2	16.1	14.7	18.2	16.9	---	---	21.7	20.3
30	24.2	22.9	20.2	19.3	17.2	16.0	19.1	17.9	---	---	20.7	18.8
31	24.4	23.3	---	---	18.0	16.9	18.7	17.4	---	---	21.0	19.9
MONTH	27.2	20.3	24.9	19.2	22.2	13.2	21.1	13.2	21.3	14.1	22.9	14.7
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	22.2	20.7	---	---	---	---	---	---	---	---	---	---
2	22.1	20.9	---	---	---	---	---	---	---	---	---	---
3	20.9	19.0	---	---	---	---	---	---	---	---	---	---
4	19.5	17.9	---	---	---	---	---	---	---	---	---	---
5	20.2	18.4	---	---	---	---	---	---	---	---	---	---
6	21.1	19.4	---	---	---	---	---	---	---	---	---	---
7	21.3	20.4	---	---	---	---	---	---	---	---	---	---
8	21.7	20.6	---	---	---	---	---	---	---	---	---	---
9	21.5	20.1	---	---	---	---	---	---	---	---	---	---
10	21.4	20.1	---	---	---	---	---	---	---	---	---	---
11	21.6	19.8	---	---	---	---	---	---	---	---	---	---
12	22.1	20.3	---	---	---	---	---	---	---	---	---	---
13	22.5	21.3	---	---	---	---	---	---	---	---	---	---
14	21.9	20.1	---	---	---	---	---	---	---	---	---	---
15	20.8	19.4	---	---	---	---	---	---	---	---	---	---
16	20.2	18.5	---	---	---	---	---	---	---	---	---	---
17	19.5	17.7	---	---	---	---	---	---	---	---	---	---
18	20.0	17.9	---	---	---	---	---	---	---	---	---	---
19	20.9	18.7	---	---	---	---	---	---	---	---	---	---
20	21.2	19.7	---	---	---	---	---	---	---	---	---	---
21	21.1	19.7	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02301990 HILLSBOROUGH RIVER ABOVE CRYSTAL SPRINGS NEAR ZEPHYRHILLS, FL.

LOCATION.--Lat 28° 11'07", long 82° 11'03" (1927 North American datum), in NW$^{1}/_{4}$ sec.35, T.26 S., R.21 E., Pasco County, Hydrologic Unit 03100205, near center span, on downstream side of bridge on former State Highway 23, 0.2 mi upstream from Crystal Springs, 1.5 mi west of village of Crystal Springs, and 3.0 mi south of Zephyrhills.

DRAINAGE AREA.--82 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1941 to August 1964 (fragmentary); September 1964 to September 1983 (gage heights only), incomplete; October 1983 to current year. Records of gage heights prior to October 1963 are available in files of the Geological Survey.

REVISED RECORDS.--WRD FL-98-3A: 1997 (M and daily).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Sept. 12, 1941, nonrecording gage (reference point) at same site at datum 63.30 ft higher; Sept. 12, 1941, to May 14, 1964, nonrecording gage at same site at datum 50.97 ft higher; May 14, 1964, to June 1, 1994, water-stage recorder at same site at present datum.

REMARKS.--Records good. Discharge measurements made at this site are used in conjunction with those made downstream from Crystal Springs (station 02302000) to determine spring flow. WDR 1992 through WDR 2002 period of record gage height at present datum. Maximum discharge of 1,500 cfs, gage height 56.36 ft, Oct. 1, 2004, occurred on recession following peak of Sept. 27, 2004; maximum independent peak discharge, 829 cfs, gage height, 55.16 ft, July 16.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,450	89	37	32	24	36	26	25	34	179	101	98
2	1,350	82	36	32	25	31	26	25	31	190	86	97
3	1,280	76	34	31	25	29	24	23	29	230	74	168
4	1,210	70	33	31	25	30	23	23	29	304	93	162
5	1,160	65	32	30	24	28	22	24	29	300	268	160
6	1,090	60	32	30	24	27	22	25	27	284	177	150
7	1,030	55	32	30	24	26	21	23	26	264	147	134
8	963	50	32	29	24	25	21	22	26	242	127	120
9	887	47	31	29	24	26	21	21	29	255	111	107
10	795	45	33	28	24	28	20	20	32	296	99	88
11	728	45	33	28	23	26	19	21	41	309	87	70
12	658	44	31	28	22	25	19	21	73	367	76	56
13	589	43	30	28	22	24	20	20	97	468	92	45
14	520	43	29	33	22	25	20	19	92	552	81	40
15	463	40	28	34	23	27	19	19	86	676	72	36
16	410	39	28	31	23	29	18	19	104	806	66	34
17	364	38	28	29	22	48	18	18	91	795	64	32
18	322	36	28	28	22	50	18	18	75	688	54	31
19	290	35	27	27	21	39	18	18	62	565	47	29
20	270	37	26	27	21	36	18	17	52	465	44	30
21	248	36	25	27	21	35	18	17	53	382	46	33
22	224	35	26	27	21	36	18	17	47	312	48	32
23	201	34	26	28	21	37	19	17	69	255	73	33
24	183	34	27	26	21	36	21	17	75	222	113	32
25	168	55	36	25	22	34	20	17	76	260	83	30
26	162	47	47	25	24	35	21	17	80	227	71	29
27	138	42	38	25	40	37	34	17	93	186	73	29
28	124	51	34	25	44	36	28	17	112	155	81	30
29	114	45	33	25	---	33	25	17	115	157	81	29
30	108	38	33	25	---	30	23	17	137	139	63	28
31	100	---	32	25	---	28	---	26	---	117	71	---
TOTAL	17,599	1,456	977	878	678	992	640	617	1,922	10,647	2,769	1,992
MEAN	568	48.5	31.5	28.3	24.2	32.0	21.3	19.9	64.1	343	89.3	66.4
MAX	1,450	89	47	34	44	50	34	26	137	806	268	168
MIN	100	34	25	25	21	24	18	17	26	117	44	28
AC-FT	34,910	2,890	1,940	1,740	1,340	1,970	1,270	1,220	3,810	21,120	5,490	3,950
CFSM	6.92	0.59	0.38	0.35	0.30	0.39	0.26	0.24	0.78	4.19	1.09	0.81
IN.	7.98	0.66	0.44	0.40	0.31	0.45	0.29	0.28	0.87	4.83	1.26	0.90

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2005, BY WATER YEAR (WY)

MEAN	105	33.6	123	84.2	63.3	61.9	28.4	14.0	30.7	87.7	121	203
MAX	568	209	1,139	529	622	496	132	25.9	173	343	460	1,046
(WY)	(2005)	(1998)	(1998)	(1998)	(1998)	(1998)	(1996)	(1996)	(2003)	(2005)	(2003)	(2004)
MIN	7.24	6.53	5.64	5.10	4.78	5.63	5.72	4.31	4.70	7.02	9.46	9.56
(WY)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2000)	(2000)	(1993)	(2000)

02301990 HILLSBOROUGH RIVER ABOVE CRYSTAL SPRINGS, NEAR ZEPHYRHILLS, FL.—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1990 - 2005	
ANNUAL TOTAL	66,809		41,167			
ANNUAL MEAN	183		113		79.8	
HIGHEST ANNUAL MEAN					282	1998
LOWEST ANNUAL MEAN					9.92	2000
HIGHEST DAILY MEAN	1,680	Sep 28	1,450	Oct 1	2,700	Dec 13, 1997
LOWEST DAILY MEAN	15	May 15	17	May 20	3.4	Apr 8, 1991
ANNUAL SEVEN-DAY MINIMUM	16	May 30	17	May 20	3.6	May 25, 2001
MAXIMUM PEAK FLOW			829	Jul 16	2,700	Dec 13, 1997
MAXIMUM PEAK STAGE			55.16	Jul 16	56.65	Sep 27, 2004
ANNUAL RUNOFF (AC-FT)	132,500		81,650		57,830	
ANNUAL RUNOFF (CFSM)	2.23		1.38		0.973	
ANNUAL RUNOFF (INCHES)	30.31		18.68		13.23	
10 PERCENT EXCEEDS	610		269		200	
50 PERCENT EXCEEDS	38		34		19	
90 PERCENT EXCEEDS	21		21		8.1	

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	56.28	53.20	52.65	52.59	52.39	52.67	52.44	52.41	52.63	53.73	53.17	53.16
2	56.14	53.14	52.63	52.58	52.40	52.57	52.42	52.41	52.55	53.77	53.06	53.13
3	56.03	53.08	52.60	52.57	52.41	52.53	52.39	52.35	52.51	53.93	52.95	53.59
4	55.92	53.03	52.57	52.56	52.41	52.54	52.35	52.34	52.51	54.18	53.04	53.57
5	55.82	52.98	52.56	52.55	52.39	52.49	52.33	52.37	52.49	54.16	53.99	53.57
6	55.70	52.93	52.55	52.54	52.39	52.45	52.31	52.40	52.45	54.11	53.62	53.54
7	55.59	52.88	52.55	52.53	52.39	52.43	52.30	52.36	52.42	54.03	53.47	53.46
8	55.46	52.83	52.55	52.53	52.38	52.41	52.30	52.32	52.40	53.95	53.35	53.40
9	55.34	52.80	52.54	52.51	52.37	52.42	52.27	52.29	52.47	53.99	53.25	53.32
10	55.21	52.77	52.58	52.50	52.36	52.48	52.24	52.27	52.55	54.12	53.16	53.20
11	55.11	52.78	52.59	52.49	52.35	52.44	52.23	52.28	52.70	54.16	53.06	53.07
12	55.00	52.76	52.54	52.49	52.33	52.40	52.22	52.30	53.09	54.32	52.96	52.94
13	54.88	52.73	52.52	52.49	52.32	52.38	52.27	52.25	53.29	54.56	53.10	52.84
14	54.75	52.74	52.50	52.60	52.33	52.42	52.24	52.23	53.26	54.72	53.02	52.75
15	54.63	52.69	52.47	52.63	52.34	52.47	52.22	52.23	53.20	54.94	52.93	52.68
16	54.50	52.67	52.46	52.57	52.34	52.50	52.19	52.22	53.34	55.13	52.87	52.62
17	54.39	52.64	52.47	52.53	52.33	52.86	52.18	52.20	53.24	55.11	52.85	52.59
18	54.27	52.61	52.47	52.49	52.31	52.91	52.18	52.18	53.11	54.95	52.74	52.55
19	54.17	52.60	52.45	52.47	52.30	52.74	52.19	52.19	52.97	54.73	52.67	52.52
20	54.10	52.64	52.42	52.46	52.29	52.68	52.19	52.15	52.88	54.53	52.62	52.54
21	54.02	52.62	52.41	52.47	52.29	52.65	52.18	52.14	52.88	54.33	52.64	52.61
22	53.93	52.59	52.42	52.47	52.29	52.67	52.18	52.14	52.82	54.14	52.67	52.59
23	53.84	52.56	52.45	52.50	52.29	52.69	52.21	52.14	53.03	53.95	52.93	52.60
24	53.75	52.57	52.46	52.44	52.29	52.69	52.27	52.15	53.09	53.82	53.26	52.58
25	53.68	52.91	52.64	52.41	52.32	52.64	52.25	52.15	53.10	53.97	53.03	52.54
26	53.65	52.82	52.87	52.41	52.37	52.66	52.28	52.14	53.13	53.84	52.92	52.51
27	53.53	52.74	52.72	52.41	52.71	52.69	52.64	52.14	53.23	53.67	52.93	52.51
28	53.44	52.88	52.64	52.40	52.82	52.67	52.50	52.14	53.37	53.51	53.01	52.54
29	53.38	52.79	52.62	52.40	---	52.62	52.40	52.14	53.39	53.53	53.01	52.51
30	53.34	52.69	52.61	52.40	---	52.54	52.36	52.14	53.51	53.43	52.84	52.49
31	53.28	---	52.60	52.40	---	52.49	---	52.41	---	53.29	52.91	---
MEAN	54.62	52.79	52.55	52.50	52.38	52.57	52.29	52.24	52.92	54.15	53.03	52.88
MAX	56.28	53.20	52.87	52.63	52.82	52.91	52.64	52.41	53.51	55.13	53.99	53.59
MIN	53.28	52.56	52.41	52.40	52.29	52.38	52.18	52.14	52.40	53.29	52.62	52.49

02301990 HILLSBOROUGH RIVER ABOVE CRYSTAL SPRINGS NEAR ZEPHYRHILLS, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1960, 1966 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)
DEC 01...	1325	52.66	37	--	5.1	7.7	383	21.5	<.04	.86
FEB 09...	0805	52.37	24	762	5.5	7.2	396	19.0	<.04	.98
APR 13...	1110	52.30	21	757	4.5	7.8	389	22.1	E.03	1.04
MAY 16...	1315	52.22	19	--	--	--	--	--	<.04	1.23
JUL 18...	1405	54.93	676	--	3.9	6.6	132	27.1	E.03	E.04
AUG 29...	1415	53.00	80	--	4.5	7.3	363	26.9	E.02	.52

Date	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, wat unf by analysis, mg/L (62855)
DEC 01...	<.008	.07	.07	1.15
FEB 09...	<.008	.03	--	--
APR 13...	E.004	.02	.07	1.25
MAY 16...	<.008	E.02	.05	1.40
JUL 18...	E.005	.36	.42	1.20
AUG 29...	<.008	.12	.21	1.06

<--Less than
E--Estimated

02302000 CRYSTAL SPRINGS NEAR ZEPHYRHILLS, FL.

LOCATION.--Lat 28° 10'30", long 82° 11'20" , in SE$^1/_4$ sec.34, T.26 S., R.21 E., Pasco County, Hydrologic Unit 03100205, on left bank of Hillsborough River, 0.2 mi downstream from Crystal Springs, 2.0 mi west of village of Crystal springs, and 4.0 mi south of Zephyrhills.

PERIOD OF RECORD.--October 1934 to January 2002 (discharge measurements only); February 2003 to current year (gage-height and discharge measurements only).

REVISED RECORDS.--WSP 1052: 1935, 1937-42, 1944, 1945.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (U.S. Army Corps of Engineer bench mark). Prior to May 15, 1964, at present site at datum 34.67 ft higher. Prior to Sept. 30, 1983, auxilliary nonrecording gage on Hillsborought River 0.2 mi upstream from Crystal Springs; Oct. 1, 1983, to Sept. 30, 1984, recording gage at same site upstream. Prior to Feb. 19, 2003, nonrecording gage. See WRD FL 1968 for history of changes and extremes prior to Jan. 19, 1953.

REMARKS.--Spring discharge is the difference between discharge measurements of Hillsborough River made downstream from and upstream from Crystal Springs. Since 1945, flow regulated occasionally at springs outlet for recreational purposes. Results of miscellaneous temperature observations prior to October 1977 are not published but are available in files of the Geological Survey

COOPERATION.--Diversion figures were provided by Southwest Florida Water Management District. Diverion figure published is an estimated daily average derived from reported monthly totals.

AVERAGE DISCHARGE.--491 measurements (1923, 1933, 1934-2005); 53.4 ft3/s, 34.5 mg/d.

EXTREMES FOR PERIOD OF RECORDS.--

GAGE HEIGHT.--Maximum gage height, 55.68 ft, Sept. 7, 2004; minimum, 53.68 ft, May 12, 14, 15, June 3, 5, 6, 2003.

DISCHARGE.--Maximum discharge measured, 147 ft^3/s, July 19, 1941; minumum measured, 20 ft^3/s, July 1, 1946.

EXTREMES FOR CURRENT YEAR.--

GAGE HEIGHT.--Maximum gage height, 55.25 ft, Oct. 1; minimum, 54.40 ft, May 26, 27, 30.

DISCHARGE.--Maximum discharge measured, 58 ft^3/s, Apr. 19; minumum measured, 47 ft^3/s, Mar. 24.

DISCHARGE MEASUREMENTS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Hillsborough River Below Springs (cfs)	Hillsborough River Above Springs (cfs)	Difference of spring flow (cfs)	Diversion by pumping (cfs)
Dec 28	11:35	91.3	34.0	57.3	..50
Feb 09	10:05	79.2	24.2	55.0	..58
Mar 24	11:02	81.8	35.0	46.8	..68
Apr 19	08:50	76.8	19.1	57.7	..69

02302000 CRYSTAL SPRINGS NEAR ZEPHYRHILLS, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1923, 1946, 1966 to 1999, 2004.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Color, water, fltrd, Pt-Co units (00080)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Chloride, water, fltrd, mg/L (00940)
OCT													
07...	1000	54.93	2	768	4.2	7.4	365	24.0	63.3	3.96	.35	5.46	10.3
APR													
05...	0905	54.49	<1	767	3.6	7.2	364	23.8	66.1	4.59	.49	6.11	11.1
MAY													
26...	0930	54.93	<1	--	--	--	--	--	61.1	4.33	.44	5.99	11.0
JUL													
26...	0930	54.75	<1	--	--	--	--	--	63.2	4.05	.41	5.68	11.1

Date	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, wat unf by analysis, mg/L (62855)	Strontium, water, fltrd, ug/L (01080)
OCT											
07...	.1	11.4	9.4	208	<.04	2.22	<.008	.04	.03	2.21	216
APR											
05...	.1	11.9	10.1	209	<.04	2.56	<.008	.03	.04	2.59	231
MAY											
26...	.1	11.3	9.8	214	<.04	2.53	<.008	.02	.04	2.60	217
JUL											
26...	.1	10.5	10.2	218	<.04	2.34	<.008	.03	.04	2.54	206

<--Less than
E--Estimated

02302010 HILLSBOROUGH RIVER BELOW CRYSTAL SPRINGS NEAR ZEPHYRHILLS, FL.

LOCATION.--Lat 28° 10'30", long 82° 11'20" (1927 North American datum), in $SE^1/_4$ sec.34, T.26 S., R.21 E., Pasco County, Hydrologic Unit 03100205, on left bank, 0.2 mi downstream from Crystal Springs, and 4.0 mi south of Zephyrhills.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--1935 to current year (misscellaneous measurements only).

GAGE.--Miscellaneous measurement gage. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Medium-high water measurements on June 28, Aug. 1, and Sept. 13 were not used.

MISCELLANEOUS MEASUREMENTS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Discharge (ft3/s)
Dec. 28	91.3
Feb. 09	79.2
Mar. 24	81.8
Apr. 19	76.8

02302260 ITCHEPACKESASSA CREEK NEAR KNIGHTS, FL.

LOCATION.--Lat 28° 04'49", long 82° 04'24" (1927 North American datum), in $NE^1/_4$ sec.2, T.28 S., R.22 E., Hillsborough County, Hydrologic Unit 03100205, on left bank on State Highway 582, 3.9 mi east of Knights, and 6.0 mi upstream from mouth.

DRAINAGE AREA.--34 mi^2, approximately.

PERIOD OF RECORD.--July 1974 to June 1980 (miscellaneous measurements only); July 1980 current year (crest stage only).

GAGE.--Crest stage partial record gage.

REMARKS.--No marks for 2005 water year.

ANNUAL MAXIMUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Annual gage height (ft)	Maximum discharge ($ft^3/_S$)
Not determined	Not determined	Not determined

02302500 BLACKWATER CREEK NEAR KNIGHTS, FL.

LOCATION.--Lat 28° 08'25", long 82° 09'00" (1927 North American datum), in NW$^{1}/_{4}$ sec.18, T.27 S., R.22 E., Hillsborough County, Hydrologic Unit 03100205, near center of span on downstream side of bridge on State Highway 39, 1.8 mi downstream from Itchepackesassa Creek, 4.4 mi northwest of Knights, and 5.4 mi upstream from mouth.

DRAINAGE AREA.--110 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1951 to current year.

REVISED RECORDS.--WRD FL 1969: 1953 (P).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1984, at present site at datum 70.56 ft higher; Oct. 1, 1984 to Sept. 30, 1987, at present site at present datum, Oct. 1, 1987 to March 11, 2005, at site 900 ft upstream at present datum.

REMARKS.--Records good except those for estimated daily discharges, which are poor. WDR 1992 through WDR 2002 period of record gage height at present datum. Maximum discharge 1,390 cfs, Oct. 1, stage falling, peak occurred Sept. 27, 2004; maximum peak discharge, 932 cfs July 15, gage height, 76.88 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,270	32	19	44	23	59	24	42	31	477	50	183
2	1,030	30	18	35	22	43	25	62	51	370	35	232
3	839	24	16	31	21	31	34	54	62	298	25	330
4	657	21	16	30	20	31	30	41	59	208	19	293
5	521	20	16	32	21	28	25	34	83	133	19	172
6	432	20	13	30	21	24	24	38	107	93	20	124
7	320	21	13	29	21	22	22	38	97	73	14	93
8	234	14	16	27	17	22	18	32	143	71	40	75
9	182	12	14	26	15	22	18	25	189	327	96	60
10	157	14	16	27	18	28	18	19	201	559	64	50
11	142	16	21	26	18	e29	17	18	243	531	40	47
12	139	13	19	22	19	25	12	29	401	479	26	40
13	130	11	18	21	15	19	11	40	442	356	23	32
14	118	12	17	40	14	18	18	32	275	419	18	27
15	109	11	18	131	17	22	17	24	188	818	14	21
16	111	9.0	16	128	20	27	15	20	144	468	10	19
17	101	12	15	92	16	65	12	25	104	276	7.1	17
18	87	12	18	79	15	136	9.6	52	81	212	6.7	16
19	79	9.2	18	64	e14	122	7.5	56	55	160	6.7	12
20	79	8.8	13	53	e13	90	6.9	40	53	122	6.7	11
21	76	9.3	12	45	14	70	9.6	33	68	97	6.2	16
22	71	11	11	44	13	61	8.2	28	86	186	14	20
23	63	11	10	39	12	60	6.5	23	153	102	43	22
24	59	12	9.5	37	12	58	12	19	341	108	79	20
25	56	19	16	34	12	50	20	16	318	377	63	18
26	52	27	81	27	12	46	21	14	225	329	58	16
27	51	24	90	25	23	40	47	12	140	214	90	14
28	47	25	75	26	60	34	77	9.6	131	121	138	14
29	42	24	62	26	---	31	58	7.0	139	87	133	18
30	39	21	50	26	---	30	39	5.6	331	78	102	15
31	36	---	41	25	---	27	---	11	---	62	96	---
TOTAL	7,329	505.3	787.5	1,321	518	1,370	662.3	899.2	4,941	8,211	1,362.4	2,027
MEAN	236	16.8	25.4	42.6	18.5	44.2	22.1	29.0	165	265	43.9	67.6
MAX	1,270	32	90	131	60	136	77	62	442	818	138	330
MIN	36	8.8	9.5	21	12	18	6.5	5.6	31	62	6.2	11
AC-FT	14,540	1,000	1,560	2,620	1,030	2,720	1,310	1,780	9,800	16,290	2,700	4,020
CFSM	2.15	0.15	0.23	0.39	0.17	0.40	0.20	0.26	1.50	2.41	0.40	0.61
IN.	2.48	0.17	0.27	0.45	0.18	0.46	0.22	0.30	1.67	2.78	0.46	0.69

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2005, BY WATER YEAR (WY)

MEAN	75.4	34.6	54.0	54.2	60.1	93.4	35.5	25.9	72.6	107	164	203
MAX	362	244	882	303	457	729	276	232	345	419	655	1,057
(WY)	(1960)	(1998)	(1998)	(2003)	(1998)	(1960)	(1959)	(1957)	(1959)	(1991)	(1965)	(2004)
MIN	5.92	0.62	0.65	1.13	0.93	2.12	0.86	0.01	3.42	12.0	19.1	13.9
(WY)	(1981)	(2001)	(2001)	(2001)	(2001)	(2000)	(1985)	(1985)	(1985)	(1989)	(1956)	(1972)

02302500 BLACKWATER CREEK NEAR KNIGHTS, FL.—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1952 - 2005	
ANNUAL TOTAL	62,130.70		29,933.7			
ANNUAL MEAN	170		82.0		81.8	
HIGHEST ANNUAL MEAN					257	1960
LOWEST ANNUAL MEAN					18.3	2000
HIGHEST DAILY MEAN	2,900	Sep 7	1,270	Oct 1	5,080	Mar 18, 1960
LOWEST DAILY MEAN	0.31	Jun 3	5.6	May 30	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.78	May 28	8.2	Aug 15	0.00	May 22, 1977
MAXIMUM PEAK FLOW			932	Jul 15	5,400	Mar 18, 1960
MAXIMUM PEAK STAGE			76.88	Jul 15	80.48	Sep 7, 1988
ANNUAL RUNOFF (AC-FT)	123,200		59,370		59,250	
ANNUAL RUNOFF (CFSM)	1.54		0.746		0.743	
ANNUAL RUNOFF (INCHES)	21.01		10.12		10.10	
10 PERCENT EXCEEDS	434		204		189	
50 PERCENT EXCEEDS	35		30		25	
90 PERCENT EXCEEDS	7.6		12		5.2	

e Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	78.54	72.92	72.55	72.76	72.25	72.65	71.40	71.73	71.54	75.20	72.25	73.55
2	78.14	72.89	72.52	72.67	72.23	72.49	71.44	72.04	71.87	74.67	72.04	73.88
3	77.69	72.80	72.48	72.62	72.22	72.36	71.59	71.92	72.03	74.24	71.88	74.51
4	77.15	72.74	72.46	72.61	72.20	72.35	71.51	71.71	72.00	73.61	71.77	74.27
5	76.58	72.71	72.47	72.63	72.22	72.32	71.44	71.60	72.30	73.01	71.77	73.41
6	76.13	72.72	72.40	72.61	72.21	72.27	71.41	71.66	72.59	72.61	71.78	72.99
7	75.49	72.73	72.38	72.59	72.22	72.24	71.36	71.65	72.47	72.40	71.66	72.68
8	74.90	72.58	72.44	72.57	72.15	72.24	71.29	71.55	72.99	72.36	72.06	72.49
9	74.46	72.54	72.39	72.56	72.11	72.23	71.29	71.42	73.43	74.37	72.78	72.29
10	74.22	72.58	72.42	72.57	72.17	72.32	71.29	71.31	73.53	75.58	72.44	72.15
11	74.09	72.61	72.52	72.56	72.16	---	71.26	71.28	73.78	75.45	72.11	72.09
12	74.07	72.55	72.47	72.50	72.18	71.46	71.15	71.49	74.81	75.21	71.90	71.98
13	73.99	72.48	72.46	72.48	72.12	71.34	71.12	71.70	75.02	74.59	71.84	71.85
14	73.87	72.52	72.43	72.69	72.09	71.32	71.29	71.55	74.09	74.92	71.73	71.75
15	73.80	72.47	72.43	73.65	72.15	71.41	71.26	71.41	73.43	76.52	71.64	71.61
16	73.81	72.41	72.40	73.61	72.19	71.50	71.22	71.33	73.04	75.13	71.54	71.54
17	73.71	72.48	72.38	73.24	72.12	72.06	71.14	71.43	72.64	74.09	71.44	71.48
18	73.56	72.47	72.43	73.11	72.12	72.92	71.08	71.89	72.38	73.65	71.43	71.45
19	73.48	72.41	72.43	72.88	---	72.77	71.01	71.94	72.08	73.24	71.43	71.33
20	73.47	72.39	72.32	72.59	---	72.39	70.99	71.69	72.05	72.91	71.43	71.28
21	73.43	72.39	72.30	72.51	72.09	72.15	71.08	71.57	72.27	72.66	71.41	71.40
22	73.38	72.43	72.29	72.50	72.06	72.01	71.03	71.48	72.48	73.44	71.63	71.47
23	73.29	72.42	72.26	72.45	72.05	72.01	70.97	71.38	73.13	72.71	72.15	71.50
24	73.25	72.44	72.24	72.42	72.05	71.98	71.13	71.30	74.50	72.70	72.60	71.44
25	73.21	72.57	72.37	72.40	72.05	71.85	71.34	71.24	74.37	74.72	72.42	71.38
26	73.16	72.70	73.13	72.31	72.05	71.79	71.36	71.19	73.73	74.49	72.36	71.31
27	73.15	72.65	73.22	72.28	72.24	71.70	71.79	71.15	73.07	73.76	72.72	71.24
28	73.10	72.66	73.07	72.29	72.66	71.59	72.23	71.08	72.99	73.03	73.19	71.24
29	73.04	72.64	72.94	72.30	---	71.55	71.97	70.99	73.07	72.69	73.15	71.32
30	73.01	72.58	72.82	72.30	---	71.51	71.67	70.94	74.37	72.59	72.85	71.24
31	72.96	---	72.73	72.27	---	71.46	---	71.11	---	72.42	72.76	---
MEAN	74.39	72.58	72.52	72.63	---	---	71.34	71.48	73.07	73.84	72.07	72.07
MAX	78.54	72.92	73.22	73.65	---	---	72.23	72.04	75.02	76.52	73.19	74.51
MIN	72.96	72.39	72.24	72.27	---	---	70.97	70.94	71.54	72.36	71.41	71.24

02302500 BLACKWATER CREEK NEAR KNIGHTS, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1964 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)
DEC 01...	1220	72.55	19	--	7.0	7.4	383	19.5	E.04	.65	E.007
FEB 09...	0739	72.10	15	762	7.4	7.0	432	16.7	<.04	.07	<.008
APR 13...	1038	71.12	11	756	5.5	7.6	536	21.6	.05	.24	E.007
MAY 16...	1240	71.33	20	--	--	--	--	--	E.03	.40	.008
JUL 18...	1330	73.62	208	768	5.5	6.8	204	27.9	.07	.20	.020
AUG 29...	1355	73.14	132	--	5.7	7.1	238	27.8	.09	.34	.022

Date	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, wat unf by analysis, mg/L (62855)
DEC 01...	.35	.36	1.45
FEB 09...	.23	--	--
APR 13...	.32	.39	.93
MAY 16...	.51	.57	1.17
JUL 18...	.69	.83	1.55
AUG 29...	.44	.69	1.60

<--Less than
E--Estimated

02303000 HILLSBOROUGH RIVER NEAR ZEPHYRHILLS, FL.

LOCATION.--Lat 28° 08'59", long 82° 13'57" (1927 North American datum), in SW$^{1}/_{4}$ sec.8, T.27 S., R.21 E., Hillsborough County, Hydrologic Unit 03100205, on left bank 10 ft upstream from footbridge in Hillsborough River State Park, 1.2 mi downstream from Blackwater Creek, 6.5 mi southwest of Zephyrhills, and 40 mi upstream from mouth.

DRAINAGE AREA.--220 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1939 to current year. Monthly discharge only for some periods, published in WSP 1304.

REVISED RECORDS.--WSP 1234: Drainage area. WRD FL-93-3A: 1992 (M)(m).

GAGE.--Water-stage recorder. Datum of gage is 33.28 ft above National Geodetic Vertical Datum of 1929 (U.S. Army Corps of Engineers bench mark). Prior to Mar. 22, 1963, nonrecording gage at site 40 ft downstream at same datum; Mar. 22, 1963 to Aug. 1, 1995, at site 40 ft downstream at same datum.

REMARKS.--Records poor. Records include high-water diversions upstream from station from the Withlacoochee River basin through Withlacoochee-Hillsborough overflow near Richland (station 02311000). Maximum discharge 3,070 cfs, Oct. 1, stage falling, peak occurred Sept. 28, 2004, maximum independent peak discharge, 1,140 cfs, July 16, gage height 6.61 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,790	202	132	135	108	152	119	131	115	668	277	426
2	2,260	197	128	133	107	134	117	148	135	590	240	e524
3	1,840	188	126	127	107	119	122	148	147	559	212	e615
4	1,540	180	123	124	107	116	122	133	152	534	196	e580
5	1,350	172	122	123	106	112	116	125	165	489	321	e383
6	1,200	166	121	122	107	106	113	126	191	433	321	e300
7	1,080	166	117	120	107	100	112	126	179	388	276	e257
8	962	156	118	119	106	101	109	118	209	357	297	e222
9	868	149	117	117	102	101	107	108	250	499	365	e208
10	796	147	116	115	94	107	106	98	279	707	343	e184
11	741	148	121	115	88	111	105	95	289	733	271	e167
12	703	146	119	112	88	108	103	98	450	824	232	e169
13	657	141	117	111	89	103	102	113	513	732	226	e165
14	601	138	114	116	88	102	104	110	411	778	218	e162
15	556	136	112	169	90	108	104	101	342	940	193	e156
16	525	130	112	193	94	115	102	94	311	1,040	180	e158
17	487	127	111	168	96	162	100	96	280	867	170	e156
18	448	128	113	149	90	233	99	106	241	771	160	e150
19	413	126	113	143	89	225	96	129	208	664	149	e139
20	389	124	109	137	85	194	94	115	187	569	145	e141
21	371	123	104	131	86	175	93	103	211	487	139	e130
22	349	121	103	129	86	166	92	98	212	478	151	e137
23	322	120	104	128	85	163	91	92	260	402	190	123
24	301	119	104	122	83	164	94	89	402	355	246	119
25	283	138	114	119	83	155	101	85	412	571	232	113
26	271	151	163	115	86	149	106	82	376	550	206	108
27	258	144	177	112	109	147	140	79	320	460	236	104
28	243	152	164	110	153	142	173	78	328	365	250	104
29	231	148	153	111	---	133	161	75	341	325	276	105
30	221	139	145	112	---	129	137	72	474	323	288	103
31	217	---	137	110	---	123	---	86	---	319	302	---
TOTAL	23,273	4,422	3,829	3,947	2,719	4,255	3,340	3,257	8,390	17,777	7,308	6,408
MEAN	751	147	124	127	97.1	137	111	105	280	573	236	214
MAX	2,790	202	177	193	153	233	173	148	513	1,040	365	615
MIN	217	119	103	110	83	100	91	72	115	319	139	103
MED	525	145	117	122	92	129	105	101	269	550	232	157
CFSM	3.41	0.67	0.56	0.58	0.44	0.62	0.51	0.48	1.27	2.61	1.07	0.97
IN.	3.94	0.75	0.65	0.67	0.46	0.72	0.56	0.55	1.42	3.01	1.24	1.08

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2005, BY WATER YEAR (WY)

MEAN	262	134	173	182	185	269	167	98.6	181	308	440	551
MAX	944	512	2,234	892	1,247	2,093	942	333	849	1,959	1,468	2,280
(WY)	(1960)	(1998)	(1998)	(2003)	(1998)	(1960)	(1941)	(1957)	(1959)	(1945)	(1945)	(1960)
MIN	57.4	42.1	40.4	39.6	37.3	47.4	43.7	30.5	33.0	57.5	83.0	91.9
(WY)	(2001)	(2001)	(2001)	(2001)	(2001)	(2000)	(2000)	(2001)	(2000)	(2000)	(1956)	(1978)

02303000 HILLSBOROUGH RIVER NEAR ZEPHYRHILLS, FL.—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1940 - 2005	
ANNUAL TOTAL	152,337		88,925			
ANNUAL MEAN	416		244		246	
HIGHEST ANNUAL MEAN					745	1960
LOWEST ANNUAL MEAN					64.9	2000
HIGHEST DAILY MEAN	6,010	Sep 7	2,790	Oct 1	12,300	Mar 18, 1960
LOWEST DAILY MEAN	62	Jun 3	72	May 30	27	Jun 5, 2000
ANNUAL SEVEN-DAY MINIMUM	66	May 29	80	May 25	28	Jun 4, 2000
MAXIMUM PEAK FLOW			1,140	Jul 16	12,600	Mar 18, 1960
MAXIMUM PEAK STAGE			6.61	Jul 16	15.33	Mar 18, 1960
ANNUAL RUNOFF (CFSM)	1.89		1.11		1.12	
ANNUAL RUNOFF (INCHES)	25.76		15.04		15.21	
10 PERCENT EXCEEDS	896		517		527	
50 PERCENT EXCEEDS	148		141		115	
90 PERCENT EXCEEDS	87		98		67	

e Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.08	1.96	1.48	1.51	1.30	1.64	1.31	1.32	1.25	4.51	2.31	3.26
2	10.06	1.94	1.45	1.50	1.29	1.50	1.29	1.47	1.40	4.12	2.07	---
3	9.01	1.87	1.44	1.46	1.29	1.39	1.32	1.47	1.50	3.96	1.88	---
4	8.16	1.81	1.41	1.43	1.28	1.36	1.32	1.37	1.54	3.83	1.77	---
5	7.45	1.76	1.40	1.42	1.28	1.33	1.26	1.30	1.62	3.59	2.59	---
6	6.91	1.71	1.39	1.41	1.29	1.28	1.24	1.32	1.81	3.29	2.59	---
7	6.41	1.71	1.36	1.39	1.29	1.23	1.22	1.33	1.73	3.04	2.31	---
8	5.91	1.64	1.37	1.39	1.28	1.23	1.19	1.27	1.93	2.85	2.44	---
9	5.49	1.59	1.36	1.37	1.25	1.24	1.17	1.19	2.20	3.64	2.86	---
10	5.16	1.57	1.35	1.35	1.18	1.29	1.16	1.11	2.39	4.69	2.73	---
11	4.91	1.58	1.41	1.35	1.13	1.32	1.14	1.08	2.45	4.82	2.29	---
12	4.74	1.57	1.39	1.33	1.12	1.30	1.12	1.11	3.38	5.24	2.03	---
13	4.51	1.53	1.37	1.32	1.14	1.25	1.11	1.24	3.72	4.81	2.00	---
14	4.24	1.51	1.35	1.36	1.12	1.24	1.12	1.21	3.17	5.03	1.95	---
15	4.01	1.49	1.33	1.77	1.14	1.30	1.12	1.14	2.76	5.75	1.77	---
16	3.85	1.45	1.33	1.94	1.18	1.35	1.09	1.08	2.58	6.18	1.68	---
17	3.66	1.42	1.32	1.76	1.19	1.71	1.07	1.09	2.39	5.44	1.61	---
18	3.45	1.43	1.34	1.62	1.14	2.21	1.05	1.18	2.14	5.00	1.55	---
19	3.26	1.41	1.34	1.58	1.13	2.15	1.02	1.37	1.91	4.48	1.47	---
20	3.12	1.40	1.30	1.53	1.10	1.94	1.00	1.26	1.76	4.01	1.43	---
21	3.02	1.39	1.26	1.48	1.11	1.79	0.99	1.16	1.93	3.58	1.39	---
22	2.88	1.38	1.25	1.47	1.11	1.72	0.98	1.11	1.94	3.54	1.48	---
23	2.74	1.38	1.26	1.46	1.09	1.70	0.97	1.06	2.26	3.11	1.77	1.33
24	2.60	1.37	1.26	1.41	1.08	1.70	1.00	1.03	3.11	2.83	2.15	1.31
25	2.50	1.51	1.35	1.39	1.08	1.63	1.05	1.00	3.17	3.96	2.06	1.26
26	2.42	1.62	1.73	1.36	1.11	1.57	1.10	0.97	2.97	3.84	1.88	1.21
27	2.34	1.57	1.83	1.33	1.30	1.56	1.37	0.95	2.63	3.36	2.10	1.18
28	2.24	1.63	1.73	1.31	1.66	1.51	1.62	0.93	2.68	2.83	2.19	1.19
29	2.16	1.60	1.65	1.32	---	1.44	1.54	0.91	2.76	2.59	2.34	1.20
30	2.09	1.52	1.59	1.33	---	1.40	1.36	0.88	3.49	2.59	2.43	1.18
31	2.06	---	1.53	1.31	---	1.35	---	1.01	---	2.57	2.51	---
MEAN	4.59	1.58	1.42	1.45	1.20	1.50	1.18	1.16	2.35	3.97	2.05	---
MAX	11.08	1.96	1.83	1.94	1.66	2.21	1.62	1.47	3.72	6.18	2.86	---
MIN	2.06	1.37	1.25	1.31	1.08	1.23	0.97	0.88	1.25	2.57	1.39	---

02303000 HILLSBOROUGH RIVER NEAR ZEPHYRHILLS, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 2001 to April 22, 2005, (discontinued).

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance, temperature, and pH sensors located near the surface.

REMARKS.--Interruptions in record were due to malfunctions of the instruments. Specific conductance records good, temperature records excellent.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 655 microsiemens, Mar. 31, 2001; minimum, 70 microsiemens, Jan. 1, 2, 2003.

TEMPERATURE.--Maximum, 27.4° C, Aug. 9, 2001; minimum, 11.4° C, Jan. 8, 2003.

DISSOLVED OXYGEN.--Maximum, 10.8 mg/L, May 16, 2002; minimum, 3.2 mg/L, Sept. 28, 2001, Oct. 11, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Maximum, 509 microsiemens, Mar. 1; minimum, 108 microsiemens, Oct. 1.

TEMPERATURE.--Maximum, 26.8° C, Oct. 2-4; minimum, 15.8° C, Dec. 27.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	115	108	362	327	400	393	398	388	400	388	509	410
2	117	114	363	335	395	393	396	379	402	397	410	385
3	128	115	377	335	396	392	413	377	402	396	385	382
4	129	116	377	354	394	392	411	404	401	388	388	383
5	133	118	358	354	398	393	404	392	404	397	395	387
6	140	133	357	354	399	393	395	388	406	401	411	395
7	143	138	359	353	395	392	396	388	408	403	412	393
8	151	142	362	357	403	395	406	396	416	405	393	387
9	160	150	400	362	406	403	402	397	417	409	394	389
10	167	158	400	376	---	---	403	399	415	408	401	388
11	173	166	378	374	---	---	404	400	421	414	437	401
12	178	172	381	372	---	---	410	403	414	395	437	428
13	186	175	387	381	---	---	410	406	398	386	428	405
14	193	183	398	387	---	---	408	401	423	398	405	400
15	201	192	395	389	---	---	417	361	429	421	411	400
16	210	200	390	378	407	399	405	353	441	429	412	391
17	214	201	388	377	409	407	384	353	435	402	417	385
18	222	214	397	388	413	408	385	350	402	392	441	368
19	225	219	392	379	412	404	351	345	422	397	368	348
20	240	224	389	378	407	404	396	349	424	420	357	344
21	255	240	405	389	421	405	400	362	436	424	371	357
22	269	255	404	396	427	420	399	367	431	410	375	371
23	276	269	400	384	425	422	367	361	425	414	376	373
24	276	272	385	381	423	407	369	363	419	401	388	376
25	282	275	399	378	407	392	382	366	423	401	398	384
26	297	282	415	399	425	393	385	360	430	422	385	371
27	304	297	406	400	418	348	396	384	428	413	385	371
28	322	302	404	392	352	347	404	395	455	413	390	383
29	331	322	401	393	373	345	395	374	---	---	393	383
30	334	327	400	397	392	373	379	373	---	---	383	377
31	340	324	---	---	398	391	390	378	---	---	392	377
MONTH	340	108	415	327	---	---	417	345	455	386	509	344

02303000 HILLSBOROUGH RIVER NEAR ZEPHYRHILLS, FL.—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	403	392	---	---	---	---	---	---	---	---	---	---
2	407	401	---	---	---	---	---	---	---	---	---	---
3	414	400	---	---	---	---	---	---	---	---	---	---
4	416	394	---	---	---	---	---	---	---	---	---	---
5	412	404	---	---	---	---	---	---	---	---	---	---
6	404	394	---	---	---	---	---	---	---	---	---	---
7	397	376	---	---	---	---	---	---	---	---	---	---
8	390	376	---	---	---	---	---	---	---	---	---	---
9	406	390	---	---	---	---	---	---	---	---	---	---
10	409	406	---	---	---	---	---	---	---	---	---	---
11	407	393	---	---	---	---	---	---	---	---	---	---
12	393	382	---	---	---	---	---	---	---	---	---	---
13	383	378	---	---	---	---	---	---	---	---	---	---
14	422	383	---	---	---	---	---	---	---	---	---	---
15	424	420	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	389	387	---	---	---	---	---	---	---	---	---	---
20	390	387	---	---	---	---	---	---	---	---	---	---
21	406	390	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02303000 HILLSBOROUGH RIVER NEAR ZEPHYRHILLS, FL.—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	26.6	25.9	23.9	23.5	21.7	21.0	20.1	19.5	19.8	19.3	20.6	19.9
2	26.8	26.0	24.1	23.7	21.8	21.4	20.3	20.0	20.2	19.6	19.9	18.8
3	26.8	26.0	24.0	23.6	21.4	20.3	20.4	20.1	20.8	20.1	18.8	17.9
4	26.8	26.1	23.8	23.5	20.3	19.7	20.5	20.1	20.8	18.9	18.7	17.8
5	26.7	26.2	23.9	22.7	20.0	19.5	20.9	20.5	18.9	18.2	18.9	18.2
6	26.5	25.8	22.7	21.8	20.9	20.0	21.1	20.8	19.6	18.7	19.5	18.6
7	26.1	25.4	21.8	21.3	21.6	20.9	21.4	21.0	20.2	19.4	20.4	19.4
8	25.4	24.3	21.3	20.9	21.9	21.5	21.7	21.3	20.7	20.1	20.9	20.2
9	25.0	24.3	21.2	20.9	22.1	21.7	21.7	21.4	20.8	20.2	20.5	18.9
10	24.9	24.5	21.6	21.1	22.6	22.1	21.6	21.3	21.1	20.2	19.3	18.5
11	24.9	24.3	22.0	21.5	22.4	20.8	21.5	21.3	20.2	18.4	19.2	18.6
12	24.6	23.9	22.2	21.8	20.8	19.2	21.6	21.3	18.6	18.0	19.9	19.1
13	24.6	23.9	22.6	22.2	19.6	19.0	22.1	21.4	18.8	18.1	20.3	19.2
14	24.6	23.5	22.8	22.5	19.9	18.6	22.3	21.4	19.8	18.6	21.1	20.3
15	24.0	22.7	22.5	22.0	18.6	17.3	21.4	19.7	21.1	19.8	21.4	21.0
16	22.7	20.9	22.1	21.7	18.1	17.3	19.7	18.4	21.1	20.5	21.8	21.3
17	21.8	20.6	21.7	21.3	19.2	18.1	18.4	17.1	21.5	20.7	21.8	21.1
18	22.7	21.4	21.4	21.1	19.7	19.2	17.1	16.6	21.2	20.0	21.1	19.6
19	23.8	22.6	21.3	21.0	19.4	18.8	16.7	16.3	20.2	19.4	19.6	18.6
20	24.6	23.7	21.7	21.2	18.8	17.5	17.4	16.4	20.8	19.7	19.2	18.4
21	24.8	24.2	21.9	21.6	17.9	17.2	18.1	17.4	21.3	20.3	19.8	19.2
22	24.8	24.1	22.0	21.7	19.4	17.9	19.1	18.1	21.9	21.0	21.3	19.8
23	24.3	23.4	22.3	21.9	20.6	19.4	19.3	18.2	22.5	21.6	21.7	21.3
24	23.7	22.9	22.7	22.2	20.6	19.8	18.2	16.7	22.3	22.0	21.9	21.6
25	23.3	22.9	22.9	22.1	19.8	18.7	17.2	16.7	22.2	21.7	22.7	21.8
26	23.5	23.1	22.1	20.3	18.9	16.6	18.1	17.1	21.7	21.3	23.1	22.7
27	23.4	22.9	21.0	20.3	16.6	15.8	19.4	18.1	21.5	21.2	23.5	22.9
28	23.0	22.7	21.4	20.9	16.7	16.0	19.5	19.3	21.3	20.6	23.5	22.8
29	23.2	22.8	20.9	20.5	17.9	16.7	19.9	19.3	---	---	22.8	21.9
30	23.5	23.1	21.0	20.6	18.8	17.9	20.5	19.9	---	---	21.9	21.4
31	23.7	23.4	---	---	19.5	18.8	20.3	19.5	---	---	22.5	21.5
MONTH	26.8	20.6	24.1	20.3	22.6	15.8	22.3	16.3	22.5	18.0	23.5	17.8
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	23.2	22.3	---	---	---	---	---	---	---	---	---	---
2	23.3	22.3	---	---	---	---	---	---	---	---	---	---
3	22.3	20.9	---	---	---	---	---	---	---	---	---	---
4	21.1	20.3	---	---	---	---	---	---	---	---	---	---
5	21.7	20.6	---	---	---	---	---	---	---	---	---	---
6	22.5	21.4	---	---	---	---	---	---	---	---	---	---
7	22.7	22.0	---	---	---	---	---	---	---	---	---	---
8	23.0	22.3	---	---	---	---	---	---	---	---	---	---
9	22.7	22.0	---	---	---	---	---	---	---	---	---	---
10	22.8	22.0	---	---	---	---	---	---	---	---	---	---
11	22.9	21.9	---	---	---	---	---	---	---	---	---	---
12	23.3	22.2	---	---	---	---	---	---	---	---	---	---
13	23.8	22.7	---	---	---	---	---	---	---	---	---	---
14	22.9	21.9	---	---	---	---	---	---	---	---	---	---
15	22.4	21.5	---	---	---	---	---	---	---	---	---	---
16	21.9	20.9	---	---	---	---	---	---	---	---	---	---
17	21.6	20.4	---	---	---	---	---	---	---	---	---	---
18	22.0	20.5	---	---	---	---	---	---	---	---	---	---
19	22.5	21.0	---	---	---	---	---	---	---	---	---	---
20	22.7	21.6	---	---	---	---	---	---	---	---	---	---
21	22.6	21.6	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02303000 HILLSBOROUGH RIVER NEAR ZEPHYRHILLS, FL.—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1957 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Bromide water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)
OCT													
21...	1200	--	--	--	7.1	247	24.4	36.9	3.30	2.67	8.16	--	12.5
DEC													
02...	1030	1.45	128	6.4	6.9	380	21.7	--	--	--	--	--	--
15...	1340	--	--	7.5	7.9	372	17.5	63.0	4.58	1.89	11.9	--	16.8
JAN													
13...	1240	--	--	--	--	--	--	66.8	4.79	2.06	11.9	--	17.4
14...	0545	--	--	--	--	--	--	66.3	4.71	2.03	11.6	--	17.2
14...	0600	--	--	--	--	--	--	65.5	4.66	1.99	11.5	--	17.1
14...	2345	--	--	--	--	--	--	66.3	4.66	1.96	11.2	--	16.7
15...	0345	--	--	--	--	--	--	67.4	4.77	2.16	12.0	--	17.5
15...	0745	--	--	--	--	--	--	64.5	4.94	2.98	14.7	--	20.4
15...	1315	--	--	--	--	--	--	67.4	4.81	2.08	11.9	--	17.4
15...	1945	--	--	--	--	--	--	66.2	4.74	2.06	11.8	--	17.4
19...	0935	--	--	--	--	--	--	56.4	4.60	2.18	9.10	--	15.2
20...	1200	--	--	--	--	--	--	59.0	4.81	3.11	14.8	--	20.8
21...	1600	--	--	--	--	--	--	60.1	4.69	2.44	13.6	--	19.5
28...	1245	--	--	--	--	--	--	63.8	4.69	2.07	12.8	--	18.3
FEB													
09...	1102	1.26	104	7.2	7.5	406	20.5	--	--	--	--	--	--
24...	1230	--	--	--	--	--	--	66.5	4.76	1.55	11.2	.23	16.2
26...	1600	--	--	--	--	--	--	--	--	--	--	--	--
27...	0800	--	--	--	--	--	--	--	--	--	--	--	--
27...	1600	--	--	--	--	--	--	--	--	--	--	--	--
28...	0000	--	--	--	--	--	--	--	--	--	--	--	--
28...	0802	--	--	--	--	--	--	--	--	--	--	--	--
28...	1602	--	--	--	--	--	--	--	--	--	--	--	--
MAR													
01...	1557	--	--	--	--	--	--	--	--	--	--	--	--
02...	0957	--	--	--	--	--	--	--	--	--	--	--	--
03...	0957	--	--	--	--	--	--	--	--	--	--	--	--
04...	0357	--	--	--	--	--	--	--	--	--	--	--	--
08...	0018	--	--	--	--	--	--	--	--	--	--	--	--
APR													
13...	1220	1.11	102	6.9	7.8	370	23.4	--	--	--	--	--	--
MAY													
16...	1355	1.06	92	--	--	--	--	--	--	--	--	--	--
JUL													
21...	0915	3.62	394	4.3	7.6	206	26.6	--	--	--	--	--	--
SEP													
06...	1115	2.97	--	5.5	7.6	251	25.5	--	--	--	--	--	--

02303000 HILLSBOROUGH RIVER NEAR ZEPHYRHILLS, FL.—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Total nitro-gen, wat unf by anal ysis, mg/L (62855)	Organic carbon, water, fltrd, mg/L (00681)	Cadmium water, unfltrd ug/L (01027)	Stront-ium, water, fltrd, ug/L (01080)
OCT											
21...	8.29	6.7	--	--	--	--	--	--	19.0	E.03	147
DEC											
02...	--	--	<.04	1.46	<.008	.10	.10	1.63	--	--	--
15...	11.4	14.2	--	--	--	--	--	--	3.4	E.03	284
JAN											
13...	10.0	15.6	--	--	--	--	--	--	3.6	.14	294
14...	9.85	15.3	--	--	--	--	--	--	4.0	.04	288
14...	9.81	15.3	--	--	--	--	--	--	4.2	E.02	286
14...	9.80	14.8	--	--	--	--	--	--	4.2	E.04	289
15...	10.1	15.1	--	--	--	--	--	--	4.4	E.03	293
15...	9.93	16.8	--	--	--	--	--	--	5.2	E.02	284
15...	9.80	15.4	--	--	--	--	--	--	4.8	.06	294
15...	9.79	15.4	--	--	--	--	--	--	4.0	E.03	292
19...	9.26	13.0	--	--	--	--	--	--	6.4	.08	234
20...	9.74	17.2	--	--	--	--	--	--	5.7	.04	246
21...	9.72	15.9	--	--	--	--	--	--	5.1	E.04	256
28...	9.70	15.7	--	--	--	--	--	--	3.9	.04	288
FEB											
09...	--	--	<.04	1.44	<.008	.07	--	--	--	--	--
24...	8.96	14.3	--	--	--	--	--	--	2.3	.09	298
26...	--	--	--	--	--	--	--	--	2.6	--	--
27...	--	--	--	--	--	--	--	--	2.5	--	--
27...	--	--	--	--	--	--	--	--	2.9	--	--
28...	--	--	--	--	--	--	--	--	4.7	--	--
28...	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--	--
MAR											
01...	--	--	--	--	--	--	--	--	4.8	--	--
02...	--	--	--	--	--	--	--	--	5.0	--	--
03...	--	--	--	--	--	--	--	--	5.5	--	--
04...	--	--	--	--	--	--	--	--	5.4	--	--
08...	--	--	--	--	--	--	--	--	4.4	--	--
APR											
13...	--	--	<.04	1.59	E.004	.07	.09	1.76	--	--	--
MAY											
16...	--	--	<.04	1.57	<.008	.12	.14	1.70	--	--	--
JUL											
21...	--	--	E.02	.37	E.005	.36	.46	1.41	--	--	--
SEP											
06...	--	--	E.02	.58	E.005	.30	.41	1.43	--	--	--

<--Less than
E--Estimated

02303100 NEW RIVER NEAR ZEPHYRHILLS, FL.

LOCATION.--Lat 28° 09'55", long 82° 15'55" (1927 North American datum), in NW$^{1}/_{4}$ sec.1, T.27 S., R.20 E., Hillsborough County, Hydrologic Unit 03100205, near left bank, 100 ft upstream from bridge on Morris Bridge Road, 1.8 mi upstream from mouth, and 7 mi southwest of Zephyrhills.

DRAINAGE AREA.--15 mi^2.

PERIOD OF RECORD.--February 1964 to September 1974; October 1974 to June 1981 (annual maximum); June 2002 to September 2005 (gage heights only) discontinued.

GAGE.--Water-stage recorder. Datum of gage is 50 ft above National Geodetic Vertical Datum of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 9.94 ft, Sept. 7, 2004; minimum, 1.70 ft, estimated, June 29, 30, July 1, 2, 3, 1967.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 7.85 ft, Oct. 1; minimum, 2.62 ft, May 31.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.66	3.60	3.58	3.40	3.55	3.46	3.82	3.50	3.44	7.13	4.13	4.83
2	7.21	3.59	3.58	3.40	3.53	3.45	3.78	3.57	3.45	7.28	4.23	5.26
3	6.65	3.57	3.58	3.40	3.53	3.46	3.72	3.58	3.46	7.09	4.19	6.11
4	6.15	3.56	3.58	3.41	3.55	3.50	3.66	3.55	3.47	6.72	4.10	6.69
5	5.75	3.55	3.58	3.40	3.52	3.49	3.60	3.56	3.64	6.30	4.01	6.69
6	5.43	3.55	3.58	3.41	3.49	3.48	3.55	3.55	3.75	5.87	4.08	6.31
7	5.17	3.55	3.58	3.41	3.48	3.49	3.50	3.52	3.86	5.45	4.68	5.79
8	4.95	3.55	3.54	3.44	3.48	3.54	3.44	3.50	4.40	5.10	5.48	5.32
9	4.75	3.55	3.40	3.43	3.46	3.56	3.39	3.47	4.89	5.08	5.73	4.92
10	4.59	3.56	3.37	3.44	3.45	3.58	3.35	3.45	5.00	5.59	5.22	4.61
11	4.45	3.56	3.35	3.44	3.42	3.56	3.31	3.43	4.93	6.38	4.95	4.37
12	4.35	3.57	3.34	3.44	3.40	3.55	3.27	3.42	4.90	6.75	5.09	4.18
13	4.27	3.58	3.34	3.46	3.38	3.54	3.29	3.39	5.16	6.71	5.19	4.04
14	4.18	3.56	3.34	3.56	3.37	3.61	3.26	3.37	5.60	6.36	4.90	3.92
15	4.12	3.55	3.33	3.57	3.36	3.63	3.24	3.36	5.92	6.02	4.81	3.82
16	4.07	3.55	3.34	3.56	3.36	3.67	3.23	3.34	5.91	6.22	4.62	3.75
17	4.00	3.55	3.36	3.53	3.35	3.62	3.21	3.32	5.58	6.54	4.39	3.69
18	3.93	3.55	3.36	3.52	3.35	3.67	3.20	3.28	5.16	6.19	4.28	3.64
19	3.89	3.56	3.35	3.52	3.34	3.70	3.18	3.23	4.78	5.70	4.09	3.59
20	3.86	3.56	3.34	3.52	3.34	3.96	3.16	3.18	4.57	5.27	3.95	3.57
21	3.84	3.55	3.34	3.52	3.34	4.15	3.14	3.13	4.51	4.91	3.86	3.58
22	3.81	3.55	3.35	3.55	3.34	4.08	3.11	3.08	4.63	4.65	3.80	3.58
23	3.78	3.56	3.35	3.59	3.34	4.01	3.11	3.03	5.37	4.44	3.79	3.58
24	3.75	3.56	3.34	3.57	3.34	3.95	3.15	2.98	6.40	4.32	3.75	3.55
25	3.74	3.59	3.41	3.58	3.36	3.86	3.14	2.94	7.03	4.26	3.71	3.51
26	3.72	3.56	3.41	3.57	3.37	3.84	3.23	2.87	6.96	4.07	3.72	3.47
27	3.69	3.57	3.41	3.58	3.50	3.81	3.52	2.82	6.46	3.96	3.79	3.45
28	3.68	3.59	3.40	3.59	3.47	3.89	3.47	2.77	6.07	3.89	3.93	3.44
29	3.66	3.58	3.40	3.59	---	3.98	3.46	2.72	5.83	3.94	4.31	3.43
30	3.64	3.58	3.40	3.59	---	3.95	3.45	2.66	6.44	4.03	4.45	3.41
31	3.62	---	3.40	3.56	---	3.88	---	3.10	---	4.22	4.58	---
MEAN	4.53	3.56	3.42	3.50	3.42	3.71	3.36	3.25	5.05	5.50	4.38	4.34
MAX	7.66	3.60	3.58	3.59	3.55	4.15	3.82	3.58	7.03	7.28	5.73	6.69
MIN	3.62	3.55	3.33	3.40	3.34	3.45	3.11	2.66	3.44	3.89	3.71	3.41

02303200 PEMBERTON CREEK NEAR DOVER, FL.

LOCATION.--Lat 28° 01'34", long 82° 14'12" (1927 North American datum), in $SE^1/_4$ sec.19, T.28 S., R.21 E., Hillsborough County, Hydrologic Unit 03100205, on county highway bridge, 1.8 mi upstream from Baker Creek, 2.5 mi northwest of Dover, and 7.1 mi upstream from mouth.

DRAINAGE AREA.--24.1 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1956 to current year.

GAGE.--Miscellaneous measurement gage. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Miscellaneous measurement gage. Datum of gage is 53.04 ft above National Geodetic Vertical Datum of 1929.

MISSCELLANEOUS MEASUREMENTS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Measurement	Date	Discharge (ft^3/s)
140	Oct. 19	25.0
141	Dec. 09	6.40
142	Feb. 02	5.85
143	Mar. 16	10.6
144	Apr. 13	4.84
145	Apr. 27	30.4
146	May 16	8.96
147	July 18	63.9
148	Aug. 29	81.8

02303200 PEMBERTON CREEK NEAR DOVER, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1966 to current year (incomplete).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Dis-charge, cfs (00060)	Baro-metric pres-sure, mm Hg (00025)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)
DEC											
01...	1125	51.83	--	--	8.3	7.5	206	19.4	E.02	.34	<.008
FEB											
09...	1005	51.67	--	763	9.3	7.4	284	16.0	<.04	.08	<.008
APR											
13...	0715	51.54	4.8	756	7.2	7.9	242	21.7	E.03	.11	E.004
MAY											
16...	1110	51.87	--	--	--	--	--	--	<.04	.11	<.008
JUL											
18...	1155	53.10	64	--	6.3	7.0	152	26.9	E.04	.09	E.004
AUG											
29...	1155	53.42	82	--	6.1	6.6	145	26.8	.04	.11	.008

Date	Total nitro-gen, wat unf by anal ysis, mg/L (62855)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)
DEC			
01...	1.20	.42	.44
FEB			
09...	--	.28	--
APR			
13...	.69	.30	.48
MAY			
16...	.92	.37	.50
JUL			
18...	1.22	.48	.69
AUG			
29...	1.48	.42	.80

<--Less than
E--Estimated

02303205 BAKER CREEK AT MCINTOSH ROAD NEAR ANTIOCH, FL.

LOCATION.--Lat 28° 01'41", long 82° 14'44" (1927 North American datum), in SE$^{1}/_{4}$ sec.19, T.28 S., R.21E., Hillsborough County, Hydrologic Unit 03100205, on upstream side of bridge on McIntosh Road, 2,000 ft north of intersection McIntosh Road and Interstate 4, 1.25 mi southeast of Antioch, and 2.5 mi upstream from mouth.

DRAINAGE AREA.--27.4 mi^2.

PERIOD OF RECORD.--March 1992 to current year.

GAGE.--Water-stage recorder. Datum of gage is 42.46 ft above National Geodetic Vertical Datum of 1929 (levels by Hillsborough County).

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Prior to March 1997, flow included effluent from upstream industry.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	133	11	8.2	10	5.7	16	7.2	38	8.1	72	13	149
2	104	11	8.0	9.2	5.8	12	9.3	39	18	60	11	94
3	84	9.7	8.1	8.5	6.3	10	12	21	20	87	9.5	75
4	73	9.2	7.4	7.9	6.6	11	11	14	18	70	8.5	60
5	61	8.8	6.7	7.9	6.5	11	8.3	12	24	46	8.1	52
6	53	8.5	5.8	7.9	6.2	9.4	7.3	12	25	29	8.3	49
7	44	7.8	5.5	8.0	5.4	7.5	7.2	11	19	20	7.2	40
8	36	7.5	5.4	8.1	4.5	6.2	7.3	9.2	16	15	8.1	32
9	31	7.2	5.9	8.0	4.1	6.1	6.9	7.2	17	33	12	25
10	27	8.6	6.5	7.0	4.0	9.0	5.9	5.7	26	55	13	20
11	25	9.1	7.3	6.3	3.9	9.2	4.7	5.5	45	59	12	17
12	24	9.1	6.7	6.3	3.8	8.4	3.6	9.5	117	63	11	15
13	23	9.0	5.9	6.5	3.6	7.3	4.5	10	183	67	9.5	14
14	24	8.4	5.2	13	3.0	6.4	5.7	7.6	120	60	8.2	14
15	24	7.6	4.9	25	2.5	7.8	5.6	6.0	70	57	7.0	13
16	25	6.7	5.0	23	2.6	11	5.4	5.7	52	48	5.7	13
17	25	6.6	5.2	18	2.9	34	4.9	11	41	52	5.3	e13
18	25	6.5	5.5	14	2.9	62	3.7	9.0	33	67	4.9	e13
19	24	6.7	5.5	12	2.7	51	2.7	6.9	26	51	4.6	e13
20	22	6.4	5.1	12	2.5	33	2.7	5.7	23	36	4.1	e12
21	21	5.7	4.9	11	1.9	22	3.1	4.9	26	30	4.2	e12
22	20	5.2	4.3	10	1.7	18	2.9	3.8	18	24	5.9	e12
23	18	4.8	4.3	10	1.8	17	3.4	2.8	16	19	18	e11
24	17	5.0	4.4	10	2.5	19	10	2.0	16	22	19	e11
25	15	7.3	10	8.0	3.2	17	11	1.7	18	68	15	e11
26	14	8.4	31	8.0	3.9	15	9.9	1.4	15	70	14	e11
27	13	8.0	27	8.2	8.5	13	34	1.3	16	49	16	e11
28	13	9.3	20	8.3	18	11	32	1.1	22	32	44	e10
29	13	9.1	16	8.5	---	8.9	20	0.84	50	29	75	e10
30	13	8.3	13	7.7	---	7.9	14	0.53	69	22	60	e10
31	12	---	12	6.4	---	7.6	---	2.6	---	16	160	---
TOTAL	1,056	236.5	270.7	314.7	127.0	484.7	266.2	268.97	1,167.1	1,428	602.1	842
MEAN	34.1	7.88	8.73	10.2	4.54	15.6	8.87	8.68	38.9	46.1	19.4	28.1
MAX	133	11	31	25	18	62	34	39	183	87	160	149
MIN	12	4.8	4.3	6.3	1.7	6.1	2.7	0.53	8.1	15	4.1	10
CFSM	1.24	0.29	0.32	0.37	0.17	0.57	0.32	0.32	1.42	1.68	0.71	1.02
IN.	1.43	0.32	0.37	0.43	0.17	0.66	0.36	0.37	1.58	1.94	0.82	1.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2005, BY WATER YEAR (WY)

MEAN	21.1	11.9	21.6	20.1	17.1	17.7	9.80	6.99	16.3	23.3	32.1	50.3
MAX	47.4	40.6	138	51.1	85.9	71.0	27.3	29.1	44.3	46.1	63.7	187
(WY)	(1995)	(1998)	(1998)	(2003)	(1998)	(1998)	(2003)	(2003)	(2003)	(2005)	(2004)	(2004)
MIN	1.78	0.45	0.48	0.98	1.19	0.05	0.01	0.00	0.19	4.96	9.12	7.49
(WY)	(2001)	(2001)	(2001)	(2001)	(2001)	(2000)	(2000)	(2000)	(2001)	(1997)	(1996)	(1996)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1993 - 2005	
ANNUAL TOTAL	11,909.14		7,063.97			
ANNUAL MEAN	32.5		19.4		20.7	
HIGHEST ANNUAL MEAN					46.4	1998
LOWEST ANNUAL MEAN					6.55	2000
HIGHEST DAILY MEAN	576	Sep 7	183	Jun 13	576	Sep 7, 2004
LOWEST DAILY MEAN	0.00	Many days	0.53	May 30	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.01	May 26	1.3	May 24	0.00	Apr 26, 2000
MAXIMUM PEAK FLOW			457	Aug 31	764	Dec 27, 1997
MAXIMUM PEAK STAGE			7.74	Aug 31	10.63	Dec 27, 1997
ANNUAL RUNOFF (CFSM)	1.19		0.706		0.756	
ANNUAL RUNOFF (INCHES)	16.17		9.59		10.27	
10 PERCENT EXCEEDS	66		51		46	
50 PERCENT EXCEEDS	11		10		11	
90 PERCENT EXCEEDS	2.7		4.2		0.44	

e Estimated

02303325 HILLSBOROUGH RIVER AT SARGEANT PARK NEAR THONOTOSASSA, FL.

LOCATION.--Lat 28° 04'52", long 82° 17'09" (1927 North American datum), in SW$^{1}/_{4}$ sec.2, T.28 S., R.20 E., Hillsborough County, Hydrologic Unit 03100205, on left side, in canoe launch area of Sargeant Park, 500 ft south of main stem of Hillsborough River and Flint Creek, 2.5 mi north of Thonotosassa, and 35 mi upstream from mouth.

DRAINAGE AREA.--370 mi^2.

PERIOD OF RECORD.--July 2002 to September 2005 (gage heights only) discontinued.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 32.74 ft, Sept. 8, 9, 2004; minimum, 26.45 ft, June 3, 4, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 31.21 ft, Oct. 1; minimum, 26.62 ft, May 31.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.11	27.92	27.64	27.44	27.15	27.35	27.42	27.34	27.19	28.86	28.41	29.27
2	30.85	27.83	27.62	27.40	27.14	27.38	27.39	27.34	27.24	29.07	28.34	29.40
3	30.51	27.73	27.59	27.37	27.12	27.38	27.35	27.32	27.25	29.05	28.21	29.41
4	30.22	27.67	27.56	27.34	27.11	27.38	27.29	27.35	27.28	28.98	28.09	29.39
5	30.00	27.62	27.53	27.31	27.10	27.33	27.25	27.43	27.34	28.89	28.07	29.26
6	29.82	27.58	27.51	27.29	27.08	27.29	27.23	27.68	27.41	28.80	28.04	29.08
7	29.67	27.54	27.51	27.27	27.08	27.25	27.20	27.80	27.44	28.69	28.07	28.93
8	29.55	27.51	27.44	27.26	27.08	27.21	27.17	27.84	27.47	28.59	28.10	28.77
9	29.43	27.50	27.34	27.24	27.07	27.20	27.13	27.74	27.57	28.72	28.30	28.66
10	29.33	27.48	27.30	27.22	27.05	27.23	27.09	27.45	27.74	28.83	28.49	28.56
11	29.23	27.45	27.28	27.20	27.02	27.22	27.05	27.21	28.06	29.00	28.45	28.37
12	29.08	27.43	27.25	27.19	27.00	27.21	27.02	27.07	28.26	29.13	28.26	28.13
13	28.97	27.43	27.23	27.17	26.99	27.19	27.04	26.98	28.45	29.26	28.08	27.95
14	28.88	27.43	27.22	27.23	26.98	27.20	27.02	26.96	28.59	29.21	28.02	27.81
15	28.82	27.41	27.20	27.27	26.97	27.25	26.98	26.97	28.58	29.15	28.02	27.70
16	28.76	27.39	27.18	27.32	26.97	27.30	26.90	26.95	28.55	29.24	27.97	27.61
17	28.69	27.37	27.18	27.44	27.00	27.55	26.84	26.91	28.49	29.28	27.82	27.52
18	28.62	27.35	27.18	27.51	26.98	27.70	26.80	26.88	28.36	29.21	27.68	27.46
19	28.56	27.45	27.17	27.60	26.96	27.77	26.77	26.90	28.16	29.12	27.58	27.51
20	28.49	27.53	27.16	27.64	26.94	27.83	26.74	26.95	27.94	29.01	27.49	27.55
21	28.43	27.56	27.14	27.64	26.92	27.82	26.72	26.95	27.86	28.88	27.41	27.53
22	28.43	27.56	27.13	27.62	26.91	27.77	26.71	26.93	27.80	28.76	27.39	27.48
23	28.40	27.56	27.12	27.61	26.91	27.74	26.74	26.89	27.75	28.67	27.54	27.47
24	28.35	27.55	27.11	27.58	26.90	27.71	26.87	26.85	27.80	28.65	27.68	27.50
25	28.28	27.61	27.22	27.55	26.92	27.69	26.81	26.81	28.03	28.78	27.94	27.49
26	28.22	27.60	27.39	27.44	26.96	27.68	26.84	26.77	28.24	28.83	28.13	27.47
27	28.16	27.62	27.41	27.34	27.15	27.65	27.14	26.73	28.31	28.81	28.19	27.43
28	28.11	27.67	27.48	27.27	27.32	27.63	27.19	26.71	28.30	28.70	28.27	27.31
29	28.06	27.66	27.52	27.23	---	27.58	27.22	26.68	28.31	28.60	28.36	27.24
30	28.01	27.66	27.51	27.20	---	27.52	27.25	26.65	28.49	28.51	28.45	27.27
31	27.97	---	27.48	27.17	---	27.47	---	26.88	---	28.47	28.57	---
MEAN	29.00	27.56	27.34	27.37	27.03	27.47	27.04	27.09	27.94	28.90	28.05	28.08
MAX	31.11	27.92	27.64	27.64	27.32	27.83	27.42	27.84	28.59	29.28	28.57	29.41
MIN	27.97	27.35	27.11	27.17	26.90	27.19	26.71	26.65	27.19	28.47	27.39	27.24

02303330 HILLSBOROUGH RIVER AT MORRIS BRIDGE NEAR THONOTOSASSA, FL.

LOCATION.--Lat 28° 05'55", long 82° 18'41" (1983 North American datum), in NW$^{1}/_{4}$ sec.33, T.27 S., R.20 E., Hillsborough County, Hydrologic Unit 03100205, on downstream side of bridge on State Highway 579, 2.9 mi north of Thonotosassa, 3.4 mi upstream from Trout Creek, and 29 mi upstream from mouth.

DRAINAGE AREA.--375 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Prior to April 1964 (miscellaneous discharge measurements only); April 1964 to April 1965 (fragmentary); May 1965 to September 1968 (gage heights only); October 1968 to June 1972 (gage heights and miscellaneous discharge measurements); July 1972 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark). Prior to Oct. 16, 1972, nonrecording gage at same site and datum.

REMARKS.--Records poor. Flow regulated during flood stage by operation of Tampa Bypass Canal at Structure S-155 (station 02303354) 3.0 mi downstream since 1985. Maximum discharge, 2,450 cfs (affected by backwater), Oct. 2, stage falling, peak occurred Sept. 29, 2004; maximum independent peak discharge, 1,390 cfs, Sept. 2, 2005, gage height, 28.98 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,400	229	155	133	107	129	147	131	108	704	490	802
2	2,420	216	153	128	106	134	141	139	120	969	446	1,290
3	2,280	195	149	124	104	139	134	138	125	1,070	400	1,330
4	2,130	178	144	120	103	146	126	137	131	1,040	346	1,300
5	1,970	164	140	117	101	143	119	141	137	968	309	1,210
6	1,750	154	136	114	100	137	114	159	144	893	290	1,050
7	1,610	147	133	112	99	130	110	199	153	810	289	865
8	1,490	142	130	110	98	124	107	231	159	737	300	715
9	1,370	139	122	107	98	121	103	243	179	791	328	586
10	1,250	137	114	105	97	123	99	216	206	809	400	510
11	1,140	134	110	104	95	121	95	164	279	919	469	438
12	997	130	105	102	93	118	92	123	388	1,040	434	350
13	857	128	102	100	92	116	92	103	464	1,250	365	277
14	762	128	100	105	91	118	90	94	562	1,290	310	225
15	699	126	99	109	91	123	87	93	631	1,190	281	190
16	642	125	97	113	90	129	84	93	632	1,190	269	e175
17	587	123	96	120	90	173	80	89	613	1,290	249	e158
18	541	120	96	133	89	193	77	86	572	1,250	211	142
19	500	119	95	147	88	207	75	84	499	1,160	180	136
20	461	126	94	162	87	225	73	86	419	1,050	158	142
21	425	135	93	171	86	239	71	87	359	928	142	156
22	398	139	92	172	85	238	70	87	304	803	131	160
23	387	141	92	169	85	231	70	85	274	701	137	149
24	374	140	91	164	85	221	78	83	262	658	153	143
25	353	149	99	160	86	211	78	81	276	729	175	141
26	331	148	113	154	89	202	78	77	354	723	228	140
27	307	148	117	141	106	193	100	75	443	739	284	137
28	287	153	121	128	122	185	106	73	490	697	332	133
29	270	155	129	120	---	175	110	71	498	639	372	123
30	255	156	136	115	---	165	114	69	565	593	395	113
31	241	---	137	111	---	156	---	76	---	554	476	---
TOTAL	29,484	4,424	3,590	3,970	2,663	5,065	2,920	3,613	10,346	28,184	9,349	13,286
MEAN	951	147	116	128	95.1	163	97.3	117	345	909	302	443
MAX	2,420	229	155	172	122	239	147	243	632	1,290	490	1,330
MIN	241	119	91	100	85	116	70	69	108	554	131	113
AC-FT	58,480	8,780	7,120	7,870	5,280	10,050	5,790	7,170	20,520	55,900	18,540	26,350
CFSM	2.54	0.39	0.31	0.34	0.25	0.44	0.26	0.31	0.92	2.42	0.80	1.18
IN.	2.92	0.44	0.36	0.39	0.26	0.50	0.29	0.36	1.03	2.80	0.93	1.32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 2005, BY WATER YEAR (WY)

MEAN	294	145	213	217	233	284	163	101	176	314	449	614
MAX	951	578	1,907	1,012	1,710	2,203	822	447	921	1,030	1,171	2,233
(WY)	(2005)	(1998)	(1998)	(2003)	(1998)	(1998)	(1987)	(1979)	(1976)	(1991)	(2003)	(2004)
MIN	64.0	39.0	38.2	37.0	34.1	36.3	36.9	27.4	27.3	38.9	76.0	101
(WY)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2000)	(2001)	(2000)	(2000)	(1993)	(1999)

02303330 HILLSBOROUGH RIVER AT MORRIS BRIDGE NEAR THONOTOSASSA, FL.—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1973 - 2005	
ANNUAL TOTAL	181,929		116,894			
ANNUAL MEAN	497		320		267	
HIGHEST ANNUAL MEAN					834	1998
LOWEST ANNUAL MEAN					65.1	2000
HIGHEST DAILY MEAN	5,710	Sep 8	2,420	Oct 2	5,710	Sep 8, 2004
LOWEST DAILY MEAN	57	Jun 4	69	May 30	21	Jun 23, 2000
ANNUAL SEVEN-DAY MINIMUM	59	May 30	73	Apr 18	23	Jun 18, 2000
MAXIMUM PEAK FLOW			1,390	Sep 2	*5,910	Sep 8, 2004
MAXIMUM PEAK STAGE			28.98	Sep 2	*34.35	Sep 8, 2004
ANNUAL RUNOFF (AC-FT)	360,900		231,900		193,500	
ANNUAL RUNOFF (CFSM)	1.33		0.854		0.712	
ANNUAL RUNOFF (INCHES)	18.05		11.60		9.68	
10 PERCENT EXCEEDS	1,490		809		627	
50 PERCENT EXCEEDS	166		144		122	
90 PERCENT EXCEEDS	80		90		59	

e Estimated
*Affected by backwater

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32.31	26.60	26.10	25.86	25.50	25.67	25.80	25.60	25.27	27.67	27.32	28.03
2	32.00	26.52	26.08	25.82	25.47	25.70	25.75	25.67	25.39	28.21	27.19	28.84
3	31.38	26.39	26.05	25.78	25.46	25.74	25.69	25.64	25.43	28.40	27.04	28.90
4	30.85	26.28	26.01	25.74	25.44	25.79	25.62	25.62	25.48	28.34	26.84	28.89
5	30.40	26.18	25.98	25.71	25.42	25.76	25.55	25.65	25.52	28.21	26.68	28.78
6	29.94	26.11	25.94	25.68	25.40	25.71	25.49	25.78	25.57	28.07	26.60	28.56
7	29.63	26.06	25.91	25.65	25.39	25.65	25.45	26.04	25.62	27.91	26.59	28.29
8	29.39	26.01	25.89	25.62	25.38	25.59	25.41	26.22	25.66	27.75	26.65	28.02
9	29.18	25.98	25.81	25.60	25.37	25.56	25.36	26.28	25.79	27.86	26.76	27.76
10	28.98	25.96	25.73	25.57	25.35	25.58	25.30	26.13	25.95	27.90	27.04	27.55
11	28.80	25.93	25.68	25.55	25.32	25.56	25.24	25.79	26.32	28.12	27.26	27.32
12	28.58	25.90	25.62	25.52	25.29	25.53	25.19	25.45	26.77	28.34	27.15	26.99
13	28.36	25.88	25.58	25.50	25.27	25.51	25.19	25.21	27.01	28.68	26.91	26.65
14	28.19	25.87	25.55	25.56	25.26	25.53	25.17	25.09	27.31	28.73	26.69	26.35
15	28.07	25.86	25.53	25.60	25.25	25.57	25.12	25.07	27.50	28.61	26.56	26.11
16	27.95	25.84	25.51	25.63	25.24	25.64	25.05	25.07	27.50	28.61	26.50	---
17	27.83	25.82	25.49	25.70	25.23	25.98	24.95	24.99	27.45	28.76	26.40	---
18	27.72	25.79	25.48	25.81	25.22	26.12	24.88	24.93	27.34	28.72	26.19	25.67
19	27.61	25.78	25.47	25.92	25.20	26.20	24.83	24.90	27.12	28.60	25.99	25.59
20	27.50	25.85	25.45	26.02	25.18	26.31	24.78	24.93	26.86	28.44	25.84	25.62
21	27.40	25.93	25.44	26.07	25.16	26.39	24.73	24.96	26.65	28.24	25.71	25.70
22	27.31	25.97	25.43	26.07	25.14	26.38	24.70	24.96	26.42	28.01	25.62	25.72
23	27.28	25.98	25.41	26.05	25.14	26.34	24.71	24.92	26.29	27.81	25.67	25.64
24	27.23	25.98	25.40	26.01	25.14	26.29	24.89	24.86	26.23	27.73	25.80	25.59
25	27.16	26.05	25.52	25.98	25.15	26.23	24.89	24.82	26.29	27.90	25.96	25.58
26	27.08	26.04	25.71	25.94	25.20	26.18	24.88	24.74	26.63	27.90	26.29	25.56
27	26.99	26.04	25.74	25.83	25.44	26.12	25.29	24.67	26.94	27.94	26.57	25.54
28	26.90	26.08	25.77	25.72	25.62	26.07	25.37	24.62	27.09	27.84	26.78	25.50
29	26.82	26.10	25.84	25.64	---	26.00	25.40	24.57	27.13	27.71	26.94	25.41
30	26.74	26.10	25.89	25.59	---	25.94	25.44	24.51	27.31	27.61	27.02	25.31
31	26.67	---	25.90	25.53	---	25.87	---	24.69	---	27.50	27.27	---
MEAN	28.46	26.03	25.71	25.75	25.31	25.89	25.20	25.24	26.46	28.13	26.58	---
MAX	32.31	26.60	26.10	26.07	25.62	26.39	25.80	26.28	27.50	28.76	27.32	---
MIN	26.67	25.78	25.40	25.50	25.14	25.51	24.70	24.51	25.27	27.50	25.62	---

02303330 HILLSBOROUGH RIVER AT MORRIS BRIDGE NEAR THONOTOSASSA, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1967-83, 1992 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Color, water, fltrd, Pt-Co units (00080)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
DEC													
02...	0920	26.08	153	--	--	3.8	6.3	318	20.1	--	--	--	--
FEB													
09...	1220	25.37	98	40	764	7.8	7.7	381	17.8	61.4	4.63	1.90	13.0
APR													
13...	1315	25.21	93	25	757	5.4	7.7	372	22.5	55.6	4.71	2.15	12.8
MAY													
18...	1305	24.94	86	--	--	--	--	--	--	--	--	--	--
JUL													
21...	0800	28.28	954	200	--	2.4	7.6	181	27.2	26.9	2.57	2.30	6.41
SEP													
01...	1300	28.06	799	100	--	3.6	8.0	224	26.6	33.2	2.96	2.89	7.85

Date	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, wat unf by analysis, mg/L (62855)	Aluminum, water, unfltrd recoverable, ug/L (01105)	Arsenic water unfltrd ug/L (01002)
DEC													
02...	--	--	--	--	--	.04	.26	<.008	.21	.23	.82	--	--
FEB													
09...	19.9	.2	5.78	12.0	228	E.03	.75	<.008	.09	.14	1.03	20	<2
APR													
13...	19.4	.2	8.51	12.9	219	E.04	.86	.010	.16	.21	1.26	44	<2
MAY													
18...	--	--	--	--	--	E.02	.92	E.007	.13	.19	1.29	--	--
JUL													
21...	11.3	.2	6.99	4.8	153	E.03	.07	E.005	.51	.57	1.13	55	E1
SEP													
01...	12.6	.2	7.54	7.5	163	<.04	.07	<.008	.30	.34	.79	29	1.1

Date	Cadmium water, unfltrd ug/L (01027)	Chromium, water, unfltrd recoverable, ug/L (01034)	Copper, water, unfltrd recoverable, ug/L (01042)	Iron, water, unfltrd recoverable, ug/L (01045)	Lead, water, unfltrd recoverable, ug/L (01051)	Mercury water, unfltrd recoverable, ug/L (71900)	Nickel, water, unfltrd recoverable, ug/L (01067)	Strontium, water, fltrd, ug/L (01080)	Zinc, water, unfltrd recoverable, ug/L (01092)
FEB									
09...	.16	E.5	.9	120	.09	<.01	1.28	282	E2
APR									
13...	E.03	E.5	.6	160	.12	<.01	.56	281	E1
MAY									
18...	--	--	--	--	--	--	--	--	--
JUL									
21...	E.04	E.7	E.4	520	.18	<.01	.70	91.3	3
SEP									
01...	E.03	.29	1.2	240	.11	<.01	1.32	136	3

<--Less than
E--Estimated

02303330 HILLSBOROUGH RIVER AT MORRIS BRIDGE NEAR THONOTOSASSA, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--October 1993 to September 1998; January 2000 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15-minute interval, mounted on 2-inch diameter pipe top of funnel with the top of funnel 6 ft above the river.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	1.49	0.05	0.07	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.33	0.07	0.00	0.69
3	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.07	0.18	0.00	0.00	0.03
4	0.00	0.01	0.00	0.00	0.04	0.03	0.00	0.07	0.71	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.03	0.00	0.01	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.28	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	2.15	0.71	0.00
9	0.00	0.08	0.00	0.00	0.00	0.49	0.00	0.00	0.63	0.82	0.37	0.00
10	0.00	0.00	0.04	0.00	0.01	0.01	0.00	0.00	0.13	0.52	0.00	0.00
11	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.69	0.06	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.26	0.00	0.00
13	0.00	0.04	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.62	0.52	0.00
14	0.00	0.00	0.00	0.60	0.00	0.41	0.00	0.01	0.00	0.05	0.00	0.00
15	0.27	0.00	0.00	0.00	0.00	0.13	0.00	0.05	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.08	0.00	0.99	0.00	0.05	0.00	0.16	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.91	0.00	0.00	0.05	0.37	0.04	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
20	0.03	0.00	0.00	0.00	0.00	0.04	0.00	0.00	1.02	0.13	0.00	0.52
21	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.10	0.01	0.16	0.45
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.02	0.00	0.20	0.12
23	0.00	0.00	0.00	0.00	0.01	0.31	0.76	0.00	0.40	0.00	0.55	0.00
24	0.00	0.18	0.00	0.00	0.00	0.00	0.01	0.00	0.00	1.98	0.00	0.00
25	0.00	0.53	1.40	0.00	0.33	0.02	0.00	0.00	0.02	0.01	0.16	0.00
26	0.00	0.00	0.01	0.00	0.05	0.03	1.73	0.00	0.00	0.00	0.36	0.00
27	0.00	0.18	0.00	0.00	1.51	0.00	0.05	0.00	0.94	0.00	0.87	0.02
28	0.00	0.01	0.00	0.02	0.00	0.14	0.00	0.00	0.57	0.01	1.32	0.25
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.34	1.11	0.02	0.30
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	1.87	1.35	0.00	0.01
31	0.00	---	0.00	0.00	---	0.00	---	1.72	---	0.00	2.57	---
TOTAL	0.43	1.03	1.45	0.70	1.95	3.79	3.16	3.03	11.81	9.73	8.46	2.39

CAL YR 2004 TOTAL 67.57
WTR YR 2005 TOTAL 47.93

02303332 HILLSBOROUGH RIVER AT NATURES CLASSROOM NEAR THONOTOSASSA, FL.

LOCATION.--Lat 28° 05'13", long 82° 19'58"(1927 North American datum), in NE$^{1}/_{4}$ sec.32, T.27 S., R.20 E., Hillsborough County, Hydrologic Unit 03100205, on left bank, at Hillsborough County school Boards Natures Classroom, 2.5 mi northwest of Thonotosassa, and 27 mi upstream from mouth.

DRAINAGE AREA.--393 mi^2.

PERIOD OF RECORD.--August 2002 to current year (gage heights only), incomplete.

GAGE.--Nonrecording gage. Datum of gage is National Geodetic Vertical Datum of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height observed, 31.98 ft, Dec. 16, 2002; minimum observed, 22.26 ft, Dec. 5, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 26.35 ft, Oct. 12; minimum, 22.38 ft, Sept. 17.

REMARKS.--Records fair.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY INSTANTANEOUS VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	23.30	---	23.15	---	23.28	---	---	---	---	24.44
2	---	23.64	23.36	---	23.18	---	---	23.15	---	---	---	25.05
3	---	---	23.36	e23.25	23.20	---	---	23.20	---	---	---	---
4	---	23.50	---	e23.22	23.17	---	---	23.20	---	---	---	---
5	---	---	---	e23.22	---	---	---	23.20	---	---	---	---
6	---	---	---	e23.20	---	---	---	23.23	---	---	---	25.72
7	---	---	---	e23.20	23.08	---	---	---	---	---	---	25.52
8	---	---	---	---	23.00	---	---	---	---	---	---	25.30
9	---	23.30	---	---	22.98	---	---	23.26	---	---	24.18	24.96
10	---	23.30	---	e23.20	22.94	---	---	23.27	---	---	24.31	---
11	---	---	---	e23.20	22.90	---	23.02	23.22	---	---	24.42	23.20
12	26.35	23.26	---	e23.18	---	---	23.00	23.20	---	---	24.42	---
13	26.00	---	23.12	e23.15	---	---	23.00	23.16	---	---	---	---
14	25.68	---	23.12	e23.14	22.80	---	22.90	---	---	---	---	22.68
15	25.36	23.22	23.10	---	22.79	23.20	22.85	---	---	---	24.02	---
16	---	23.20	23.05	---	22.76	23.20	---	23.08	---	---	23.80	---
17	---	23.20	23.02	---	22.75	23.34	---	23.02	---	---	23.76	22.38
18	24.70	23.18	---	e23.20	22.75	23.42	22.76	22.95	---	---	23.64	---
19	24.55	23.18	---	e23.26	---	---	22.72	22.90	---	---	23.50	23.20
20	24.40	---	---	e23.30	---	---	22.68	22.82	---	---	---	23.15
21	24.30	---	---	e23.32	---	---	22.64	---	---	---	---	23.20
22	24.18	23.22	---	---	22.75	---	22.62	---	---	---	23.30	23.30
23	---	23.20	---	---	22.75	---	---	---	---	---	23.25	23.28
24	---	---	---	---	22.72	---	---	---	---	---	23.28	---
25	24.02	---	---	---	22.70	---	22.74	---	---	---	23.34	---
26	24.00	---	---	---	---	---	22.80	---	---	---	---	23.20
27	24.00	---	---	---	---	---	22.96	---	---	---	---	23.20
28	23.96	---	---	---	---	---	23.02	---	---	---	---	23.20
29	---	23.30	---	---	---	23.36	---	---	---	---	23.84	23.20
30	---	23.30	---	---	---	23.36	---	---	---	---	23.90	23.20
31	---	---	---	23.17	---	23.30	---	---	---	---	24.16	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

e Estimated

02303350 TROUT CREEK NEAR SULPHUR SPRINGS, FL.

LOCATION.--Lat 28° 08'20", long 82° 21'50" (1927 North American datum), in SW$^{1}/_{4}$ sec.13, T.27 S., R.19 E., Hillsborough County, Hydrologic Unit 03100205, at bridge on State Highway 581, 4.1 mi upstream from mouth, and 9.0 mi northeast of Sulphur Springs.

DRAINAGE AREA.--23 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--September 1962 (miscellaneous high-water discharge measurements only); February 1964 to November 1966 (discharge measurements and crest-stage partial records); December 1966 to May 1974 (discharge measurements only); June 1974 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark). Prior to Sept. 12, 1974, nonrecording gage at same site and datum.

REMARKS.--Records good except those for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	148	e0.99	3.7	2.7	2.2	28	5.1	8.6	8.1	242	13	34
2	116	e0.98	3.2	2.4	2.3	21	4.4	12	18	205	27	35
3	90	e0.97	2.6	2.3	2.3	18	3.6	11	18	153	32	61
4	72	e0.96	2.2	2.3	2.1	16	3.0	8.8	25	117	26	73
5	58	e0.95	2.1	2.2	2.0	14	2.4	8.7	81	92	21	72
6	47	e0.93	2.0	2.1	1.9	11	1.7	9.4	94	71	44	60
7	39	e0.92	1.8	1.9	1.8	9.4	1.5	7.9	e55	50	78	45
8	32	e0.91	1.8	1.8	1.8	7.3	1.5	5.8	e30	38	59	34
9	25	e0.90	1.7	1.8	1.7	5.7	1.3	4.2	19	44	68	26
10	19	0.88	1.6	1.7	1.7	5.8	1.1	3.1	17	51	59	20
11	16	0.87	1.6	1.7	1.5	5.8	0.82	2.3	30	47	52	15
12	14	0.96	1.3	1.7	1.4	4.8	0.61	2.2	159	37	60	11
13	12	1.3	1.1	1.6	1.2	3.7	0.55	1.9	237	47	54	7.4
14	10	1.5	1.1	2.1	1.2	3.7	0.37	1.5	241	79	41	5.5
15	8.7	1.9	0.87	4.1	1.2	5.4	e0.25	e0.80	186	71	28	4.9
16	8.0	1.8	0.72	6.4	1.1	6.0	e0.20	e0.50	132	64	19	3.8
17	6.4	1.5	0.70	5.4	1.1	14	e0.10	e0.30	97	49	13	2.6
18	5.0	1.2	0.70	4.2	1.2	26	e0.05	e0.20	68	36	10	1.9
19	3.8	1.1	0.70	3.2	1.1	24	0.0	0.0	45	30	7.0	1.4
20	3.3	0.90	0.69	2.8	1.1	19	0.0	0.0	30	25	3.1	1.2
21	2.8	e0.70	0.58	2.7	1.0	15	0.0	0.0	21	22	1.8	1.2
22	2.5	e0.40	0.57	2.7	0.99	14	0.0	0.0	17	19	1.2	1.2
23	2.2	e0.30	0.57	2.8	0.99	14	0.0	0.0	41	17	0.69	1.3
24	1.8	e0.20	0.57	e3.3	0.95	14	0.0	0.0	99	17	0.57	1.3
25	1.5	1.3	1.0	3.6	1.1	13	0.0	0.0	108	18	0.41	1.0
26	1.5	3.3	3.6	3.2	1.4	12	e8.0	0.0	84	11	0.42	0.75
27	1.4	e2.5	7.1	3.0	7.0	12	16	0.0	57	6.4	1.1	0.52
28	e1.4	e3.1	6.2	2.9	27	11	20	0.0	48	2.2	3.8	0.36
29	e1.2	e3.7	4.7	2.8	---	9.5	9.8	0.0	73	2.7	9.8	0.68
30	e1.1	4.2	3.8	2.6	---	7.6	6.6	0.0	210	5.8	14	0.63
31	e1.0	---	3.0	2.5	---	6.1	---	e0.10	---	15	21	---
TOTAL	751.6	42.12	63.87	86.5	72.33	376.8	88.95	89.30	2,348.1	1,684.1	768.89	523.64
MEAN	24.2	1.40	2.06	2.79	2.58	12.2	2.96	2.88	78.3	54.3	24.8	17.5
MAX	148	4.2	7.1	6.4	27	28	20	12	241	242	78	73
MIN	1.0	0.20	0.57	1.6	0.95	3.7	0.00	0.00	8.1	2.2	0.41	0.36
CFSM	1.05	0.06	0.09	0.12	0.11	0.53	0.13	0.13	3.40	2.36	1.08	0.76
IN.	1.22	0.07	0.10	0.14	0.12	0.61	0.14	0.14	3.80	2.72	1.24	0.85

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2005, BY WATER YEAR (WY)

MEAN	14.6	7.22	18.4	13.4	21.8	26.5	8.84	7.49	11.2	21.3	43.2	64.8
MAX	72.7	70.8	285	67.5	202	161	69.6	117	81.2	81.1	180	268
(WY)	(1996)	(1989)	(1998)	(1998)	(1998)	(1987)	(1987)	(1979)	(1982)	(1986)	(2004)	(2004)
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34
(WY)	(1981)	(1979)	(1979)	(1981)	(1985)	(1985)	(1985)	(1975)	(1977)	(1977)	(1993)	(1996)

02303350 TROUT CREEK NEAR SULPHUR SPRINGS, FL.—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1975 - 2005	
ANNUAL TOTAL	19,042.34		6,896.20			
ANNUAL MEAN	52.0		18.9		21.5	
HIGHEST ANNUAL MEAN					85.7	1998
LOWEST ANNUAL MEAN					2.10	1977
HIGHEST DAILY MEAN	1,630	Sep 7	242	Jul 1	1,630	Sep 7, 2004
LOWEST DAILY MEAN	0.00	Many days	0.00	Many days	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.00	May 7	0.00	Apr 19	0.00	Nov 25, 1974
MAXIMUM PEAK FLOW			255	Jun 30	1,830	Sep 7, 2004
MAXIMUM PEAK STAGE			39.81	Jun 14	43.15	Sep 7, 2004
ANNUAL RUNOFF (CFSM)	2.26		0.821		0.937	
ANNUAL RUNOFF (INCHES)	30.80		11.15		12.73	
10 PERCENT EXCEEDS	144		58		57	
50 PERCENT EXCEEDS	5.8		3.3		1.6	
90 PERCENT EXCEEDS	0.00		0.56		0.00	

e Estimated

02303350 TROUT CREEK NEAR SULPHUR SPRINGS, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1964, 1966, 1968-83, 1992 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)
DEC											
02...	1125	36.11	3.2	--	5.2	6.4	361	19.6	E.03	E.03	<.008
FEB											
10...	1203	35.95	1.8	762	6.1	8.1	534	18.0	<.04	.14	E.004
APR											
14...	1310	35.89	.37	760	3.4	8.8	398	23.2	<.04	.08	E.006
JUN											
02...	1325	36.93	19	--	--	--	--	--	E.02	E.05	E.004
JUL											
21...	1045	37.07	21	--	3.6	7.5	218	27.4	E.03	.08	E.004
SEP											
06...	1010	37.94	62	--	4.6	7.4	165	25.8	<.04	E.03	<.008

Date	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, wat unf by analysis, mg/L (62855)
DEC			
02...	.03	.05	.58
FEB			
10...	<.02	.24	2.32
APR			
14...	.05	.24	.84
JUN			
02...	.03	.14	1.23
JUL			
21...	.06	.11	1.02
SEP			
06...	.02	.08	1.08

<--Less than
E--Estimated

02303360 HILLSBOROUGH RIVER AT RIVERFRONT PARK NEAR TAMPA, FL.

LOCATION.--Lat 28° 04'11", long 82° 22'38" (1927 North American datum), in SE$^{1}/_{4}$ sec.2, T.28 S., R.20 E., Hillsborough County, Hydrologic Unit 03100205, on right bank, at University of South Florida Riverfront Park, 200 ft upstream from Fletcher Avenue bridge, 1.5 mi upstream from Cow House Creek, and 10.5 mi northeast of Tampa.

DRAINAGE AREA.--430 mi^2.

PERIOD OF RECORD.--August 2002 to current year (gage heights only), incomplete (discontinued).

GAGE.--Nonrecording gage. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Missing record due to observer failing to read gage.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height observed, 27.56 ft, Sept. 7, 2004; minimum observed, 20.34 ft, June 3, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height observed, 25.98 ft, Oct. 11; minimum observed, 21.82 ft, June 10.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY INSTANTANEOUS VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24.76	---	22.72	---	---	---	22.74	---	---	23.76	---	23.10
2	---	---	22.70	---	---	---	22.78	---	22.12	24.04	---	23.56
3	---	22.75	22.70	---	---	---	22.68	---	22.20	24.32	---	---
4	---	22.70	22.70	---	---	22.68	---	22.66	22.54	---	22.88	---
5	---	22.68	---	---	---	---	---	22.70	22.46	---	22.72	---
6	---	22.70	---	---	---	22.76	22.60	22.74	---	---	22.74	---
7	---	22.78	---	---	---	---	22.62	22.74	---	24.08	22.90	24.54
8	---	---	---	---	---	---	---	22.78	---	23.74	---	24.26
9	---	---	---	---	---	22.72	---	---	22.26	23.74	---	---
10	---	22.74	---	---	---	---	---	22.84	21.82	23.68	---	23.50
11	25.98	22.74	---	---	---	22.70	---	---	21.88	---	23.36	---
12	---	22.74	---	---	---	---	---	22.72	22.34	---	23.32	---
13	25.34	22.72	---	---	---	---	22.50	---	---	---	23.24	---
14	24.96	22.70	---	---	---	---	22.49	---	---	24.48	23.10	---
15	24.60	---	---	---	---	---	---	---	23.48	24.58	22.86	---
16	24.28	---	---	---	---	---	---	---	23.46	---	22.64	---
17	24.02	22.64	---	---	---	---	---	---	23.42	24.54	22.50	---
18	---	22.68	---	---	---	---	---	---	23.30	---	22.42	22.44
19	23.54	22.66	---	---	---	---	---	22.36	23.14	---	---	---
20	23.44	22.68	---	---	---	---	22.06	22.32	---	---	---	---
21	23.32	22.68	---	---	---	---	22.08	22.20	---	24.14	---	22.66
22	---	---	---	---	---	---	22.08	22.10	---	23.98	22.58	22.68
23	23.04	---	---	---	---	22.80	22.10	---	22.40	23.74	---	---
24	23.00	22.66	---	---	---	22.76	22.22	---	22.42	23.32	---	22.64
25	---	---	---	---	---	22.76	---	---	22.30	---	---	---
26	---	---	---	---	---	22.76	---	21.54	22.56	---	22.20	---
27	23.24	---	---	---	---	23.74	22.48	21.56	---	---	---	---
28	---	---	---	---	---	---	22.50	21.52	---	---	---	22.66
29	---	22.72	---	---	---	---	22.50	21.44	23.12	23.26	22.74	22.70
30	---	---	---	---	---	22.72	22.46	---	23.40	---	22.78	---
31	22.94	---	---	---	---	22.74	---	---	---	---	22.84	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

02303400 CYPRESS CREEK NEAR SAN ANTONIO, FL.

LOCATION.--Lat 28° 19'25", long 82° 23'03" (1927 North American datum), in SW$^{1}/_{4}$ sec.11, T.25 S., R.19 E., Pasco County, Hydrologic Unit 03100205, at center on downstream side of box culverts on State Highway 52, 3.3 mi downstream from Bee Tree Branch, 6.8 mi west of San Antonio, 12 mi west of Dade City, and 25 mi upstream from mouth.

DRAINAGE AREA.--56.0 mi^2.

PERIOD OF RECORD.--December 1962 to current year.

REVISED RECORDS.--WDR FL 1974: 1973.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark). Prior to Aug. 25, 1965, at present datum; Aug 25, 1965 to Sept. 30, 1983, at same site at datum 70.00 ft higher.

REMARKS.--Records poor. WDR 1992 through WDR 2002 period of record gage height at present datum. Maximum discharge, 355 cfs, Oct. 1, stage falling, peak occurred Sept. 28, 2004; maximum peak discharge, 205 cfs, Aug. 1, gage height, 73.96 ft, Aug. 1, 2005.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	328	21	8.7	5.5	4.1	4.0	18	3.9	1.8	94	198	51
2	327	20	8.7	5.5	3.9	3.9	17	3.6	2.2	119	179	47
3	307	18	8.5	5.4	3.8	3.9	15	3.2	2.1	121	136	44
4	243	17	8.3	5.4	3.7	4.3	14	3.4	2.1	109	96	43
5	203	16	8.1	5.4	3.6	4.3	13	3.8	2.3	90	64	42
6	164	15	7.9	5.4	3.5	4.3	13	3.7	2.2	73	48	39
7	133	15	7.8	5.4	3.3	4.3	12	3.2	2.0	57	43	36
8	114	15	7.7	5.4	3.2	4.7	10	2.9	2.0	47	40	32
9	100	14	7.6	5.4	3.1	4.9	9.6	2.7	2.4	45	36	29
10	86	13	7.5	5.2	3.0	5.2	8.4	2.5	2.7	45	33	27
11	77	12	7.4	4.8	2.7	5.1	7.6	2.3	8.2	41	30	25
12	72	12	7.1	4.5	2.5	4.9	7.3	2.1	18	41	28	23
13	64	11	6.8	4.5	2.5	4.9	6.8	1.8	29	48	25	21
14	57	11	6.5	6.6	2.4	5.4	6.0	1.6	43	56	26	19
15	55	11	5.9	6.8	2.3	6.0	5.4	1.5	67	80	33	17
16	50	9.9	5.5	6.7	2.2	5.9	4.8	1.3	86	124	32	16
17	47	9.2	5.5	6.6	2.0	7.4	4.5	1.2	81	126	31	15
18	45	8.7	5.5	6.4	1.8	7.5	4.1	1.0	69	113	31	14
19	41	8.3	5.5	6.3	1.7	7.4	3.8	0.81	58	91	36	12
20	39	8.0	5.4	6.3	1.7	7.6	3.4	0.68	48	74	40	11
21	38	7.6	5.1	6.3	1.7	8.2	3.1	0.52	43	60	40	10
22	37	7.2	5.0	6.3	1.7	8.4	2.9	0.76	38	52	38	9.9
23	35	6.9	5.0	6.2	1.7	10	2.7	0.49	34	44	36	10
24	32	6.7	4.9	5.6	1.6	11	2.7	0.33	30	41	37	9.2
25	30	10	5.5	5.5	1.8	12	2.5	0.24	27	36	33	8.1
26	28	9.1	6.4	5.4	2.2	15	2.9	0.13	24	33	33	7.5
27	26	8.5	5.6	5.3	4.5	18	5.8	0.07	24	59	32	7.0
28	25	8.8	5.5	5.1	4.8	19	4.1	0.04	25	79	31	7.4
29	24	8.7	5.5	5.0	---	19	3.8	0.00	30	70	37	7.7
30	23	8.7	5.4	4.9	---	19	3.6	0.00	45	92	49	6.3
31	22	---	5.4	4.5	---	19	---	0.22	---	156	52	---
TOTAL	2,872	347.3	201.2	173.6	77.0	264.5	217.8	49.99	849.0	2,316	1,603	646.1
MEAN	92.6	11.6	6.49	5.60	2.75	8.53	7.26	1.61	28.3	74.7	51.7	21.5
MAX	328	21	8.7	6.8	4.8	19	18	3.9	86	156	198	51
MIN	22	6.7	4.9	4.5	1.6	3.9	2.5	0.00	1.8	33	25	6.3
AC-FT	5,700	689	399	344	153	525	432	99	1,680	4,590	3,180	1,280
CFSM	1.65	0.21	0.12	0.10	0.05	0.15	0.13	0.03	0.51	1.33	0.92	0.38
IN.	1.91	0.23	0.13	0.12	0.05	0.18	0.14	0.03	0.56	1.54	1.06	0.43

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2005, BY WATER YEAR (WY)

MEAN	21.0	7.67	12.9	15.4	22.6	23.5	11.1	3.73	9.87	19.4	35.0	49.2
MAX	105	43.7	191	91.2	216	154	99.0	44.6	87.7	132	229	303
(WY)	(1983)	(1989)	(1998)	(1998)	(1998)	(1998)	(1987)	(1979)	(1982)	(1974)	(1965)	(2004)
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(WY)	(1991)	(1979)	(1979)	(1981)	(1985)	(1981)	(1981)	(1968)	(1977)	(1973)	(1990)	(1992)

02303400 CYPRESS CREEK NEAR SAN ANTONIO, FL.—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1964 - 2005	
ANNUAL TOTAL	18,645.72		9,617.49			
ANNUAL MEAN	50.9		26.3		19.3	
HIGHEST ANNUAL MEAN					62.8	1998
LOWEST ANNUAL MEAN					0.11	1992
HIGHEST DAILY MEAN	880	Sep 7	328	Oct 1	996	Mar 31, 1987
LOWEST DAILY MEAN	0.00	Many days	0.00	May 29	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.00	May 13	0.10	May 25	0.00	May 9, 1967
MAXIMUM PEAK FLOW			205	Aug 1	1,100	Mar 31, 1987
MAXIMUM PEAK STAGE			73.96	Aug 1	76.05	Mar 31, 1987
ANNUAL RUNOFF (AC-FT)	36,980		19,080		14,000	
ANNUAL RUNOFF (CFSM)	0.910		0.471		0.345	
ANNUAL RUNOFF (INCHES)	12.39		6.39		4.69	
10 PERCENT EXCEEDS	131		65		51	
50 PERCENT EXCEEDS	13		8.4		3.9	
90 PERCENT EXCEEDS	0.08		2.2		0.00	

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.49	71.77	71.11	70.82	70.69	70.62	71.66	70.58	70.25	73.12	73.92	72.61
2	74.48	71.70	71.11	70.82	70.66	70.60	71.61	70.55	70.30	73.36	73.81	72.54
3	74.40	71.63	71.10	70.81	70.65	70.61	71.51	70.49	70.27	73.38	73.52	72.50
4	74.13	71.56	71.08	70.81	70.65	70.65	71.43	70.52	70.26	73.27	73.18	72.49
5	73.94	71.54	71.06	70.81	70.64	70.66	71.40	70.57	70.28	73.09	72.82	72.47
6	73.71	71.48	71.04	70.81	70.62	70.66	71.35	70.56	70.25	72.90	72.54	72.42
7	73.50	71.45	71.04	70.81	70.60	70.66	71.27	70.49	70.19	72.67	72.44	72.34
8	73.35	71.43	71.02	70.81	70.58	70.70	71.20	70.46	70.17	72.49	72.35	72.24
9	73.23	71.40	71.01	70.80	70.57	70.73	71.13	70.42	70.22	72.42	72.25	72.15
10	73.10	71.37	71.01	70.79	70.56	70.76	71.03	70.39	70.26	72.42	72.15	72.06
11	73.00	71.32	71.00	70.74	70.51	70.75	70.97	70.36	70.70	72.33	72.04	71.97
12	72.94	71.29	70.97	70.71	70.49	70.73	70.94	70.32	71.47	72.33	71.95	71.88
13	72.84	71.26	70.94	70.71	70.48	70.72	70.90	70.26	71.98	72.50	71.85	71.77
14	72.74	71.23	70.92	70.92	70.47	70.78	70.82	70.23	72.40	72.65	71.88	71.69
15	72.70	71.20	70.86	70.95	70.45	70.84	70.76	70.20	72.82	72.97	72.14	71.60
16	72.62	71.16	70.82	70.94	70.44	70.83	70.70	70.17	73.04	73.40	72.11	71.54
17	72.57	71.11	70.82	70.93	70.40	70.97	70.66	70.14	72.99	73.42	72.09	71.46
18	72.51	71.08	70.82	70.92	70.35	70.98	70.61	70.10	72.85	73.31	72.08	71.39
19	72.44	71.05	70.82	70.91	70.34	70.97	70.57	70.04	72.69	73.11	72.24	71.31
20	72.38	71.02	70.80	70.91	70.34	70.99	70.52	70.00	72.50	72.92	72.36	71.21
21	72.37	70.99	70.77	70.91	70.34	71.03	70.49	69.95	72.37	72.75	72.35	71.17
22	72.34	70.97	70.76	70.91	70.34	71.05	70.46	70.03	72.24	72.61	72.29	71.14
23	72.29	70.94	70.76	70.90	70.33	71.20	70.42	69.94	72.11	72.45	72.23	71.16
24	72.20	70.93	70.75	70.85	70.32	71.26	70.42	69.88	71.97	72.35	72.26	71.09
25	72.14	71.22	70.82	70.84	70.36	71.32	70.38	69.83	71.86	72.24	72.14	71.01
26	72.05	71.14	70.91	70.82	70.40	71.51	70.43	69.75	71.76	72.12	72.13	70.96
27	71.99	71.10	70.83	70.81	70.66	71.65	70.80	69.67	71.72	72.56	72.09	70.92
28	71.94	71.12	70.82	70.79	70.70	71.73	70.61	69.60	71.81	73.01	72.08	70.96
29	71.90	71.11	70.81	70.79	---	71.74	70.57	69.53	71.98	72.90	72.25	70.99
30	71.85	71.11	70.81	70.78	---	71.74	70.55	69.45	72.42	73.14	72.56	70.87
31	71.81	---	70.81	70.74	---	71.73	---	69.73	---	73.66	72.62	---
MEAN	72.84	71.26	70.91	70.83	70.50	71.01	70.87	70.14	71.54	72.83	72.41	71.66
MAX	74.49	71.77	71.11	70.95	70.70	71.74	71.66	70.58	73.04	73.66	73.92	72.61
MIN	71.81	70.93	70.75	70.71	70.32	70.60	70.38	69.45	70.17	72.12	71.85	70.87

02303420 CYPRESS CREEK AT WORTHINGTON GARDENS, FL.

LOCATION.--Lat 28° 11'08", long 82° 24'03" (1927 North American datum), in SW$^{1}/_{4}$ sec.27, T.26 S., R.19 E., Pasco County, Hydrologic Unit 03100205, near center span on upstream side of westbound bridge on State Highway 54, 0.2 mi southwest of Worthington Gardens, 4.4 mi northeast of Lutz, and l4 mi upstream from mouth.

DRAINAGE AREA.--117 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1964 to October 1971 (annual maximum); November 1971 to May 1974 (gage heights and periodic discharge measurements only); June 1974 to current year.

REVISED RECORDS.--WRD FL 1974: 1964-65 (M), 1967 (M), 1970 (M).

GAGE.--Water-stage recorder. Datum of gage is 40.00 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1972, nonrecording gage 1,000 ft upstream at datum 40.00 ft lower; Oct. 1, 1972, to Aug. 25, 1977, at site 30 ft upstream at present datum. Aug. 25, 1977 to June 8, 2004, at site 150 ft downstream at present datum.

REMARKS.--Records good except those for estimated daily discharges, which are poor. WDR 1992 through WDR 2002 period of record gage height at present datum.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	979	61	37	25	16	39	47	28	6.1	208	204	92
2	980	58	37	25	15	39	44	29	19	240	228	94
3	939	54	37	24	15	38	40	28	21	255	228	107
4	876	52	35	22	14	37	37	27	21	253	216	124
5	801	49	34	21	14	36	34	28	22	243	201	141
6	725	47	32	20	13	33	31	29	21	231	187	146
7	652	45	31	19	12	30	29	27	19	214	179	140
8	e580	43	30	19	12	27	26	24	16	195	172	128
9	e525	41	29	19	11	25	24	19	17	178	166	113
10	e470	39	28	18	10	24	21	15	21	168	159	100
11	e415	37	26	18	9.4	22	18	12	28	164	153	88
12	e365	35	24	18	8.4	21	15	9.1	51	190	151	78
13	e330	34	23	17	7.8	18	14	7.0	74	214	142	70
14	288	33	21	19	7.3	18	13	5.3	94	231	128	62
15	256	31	20	22	7.1	22	12	4.0	115	239	115	55
16	228	29	18	24	6.7	24	9.3	3.0	124	248	103	49
17	204	27	18	24	6.6	28	7.4	2.3	120	250	96	43
18	183	26	17	24	6.0	36	5.9	1.7	108	246	92	37
19	165	24	16	26	5.4	40	4.9	1.3	94	237	88	32
20	149	23	15	26	5.1	42	4.0	1.0	81	224	84	27
21	135	22	14	27	4.6	44	3.2	0.82	74	213	79	23
22	122	21	13	27	4.4	46	2.6	0.79	77	211	73	20
23	112	20	12	27	4.2	48	2.4	0.68	85	201	68	19
24	103	18	12	26	4.8	51	3.2	0.60	95	188	63	18
25	95	22	13	24	5.1	53	3.2	0.52	104	177	59	16
26	88	27	21	23	9.1	54	3.2	0.40	110	161	59	14
27	82	28	25	21	18	55	17	0.33	111	145	68	12
28	77	30	25	20	34	56	31	0.29	110	129	80	11
29	72	35	24	19	---	56	30	0.24	121	115	89	14
30	68	37	24	18	---	54	28	0.21	165	119	91	16
31	65	---	25	17	---	51	---	0.88	---	161	90	---
TOTAL	11,129	1,048	736	679	286.0	1,167	560.3	306.46	2,124.1	6,248	3,911	1,889
MEAN	359	34.9	23.7	21.9	10.2	37.6	18.7	9.89	70.8	202	126	63.0
MAX	980	61	37	27	34	56	47	29	165	255	228	146
MIN	65	18	12	17	4.2	18	2.4	0.21	6.1	115	59	11
CFSM	3.07	0.30	0.20	0.19	0.09	0.32	0.16	0.08	0.61	1.72	1.08	0.54

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2005, BY WATER YEAR (WY)

MEAN	58.0	15.6	32.5	43.2	57.3	67.1	34.9	14.9	21.9	45.5	85.3	123
MAX	359	98.3	404	384	662	613	416	217	240	227	487	744
(WY)	(2005)	(1989)	(1998)	(1998)	(1998)	(1998)	(1987)	(1979)	(1982)	(2003)	(2003)	(2004)
MIN	0.00	0.00	0.00	0.06	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.03
(WY)	(1994)	(1994)	(1994)	(2001)	(2001)	(2001)	(1975)	(1975)	(2000)	(1988)	(1993)	(1993)

02303420 CYPRESS CREEK AT WORTHINGTON GARDENS, FL.—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1975 - 2005	
ANNUAL TOTAL	56,889.77		30,083.86			
ANNUAL MEAN	155		82.4		49.9	
HIGHEST ANNUAL MEAN					204	1998
LOWEST ANNUAL MEAN					2.58	1992
HIGHEST DAILY MEAN	1,770	Sep 10	980	Oct 2	1,770	Sep 10, 2004
LOWEST DAILY MEAN	0.05	Jun 11	0.21	May 30	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.07	Jun 5	0.37	May 24	0.00	Apr 1, 1975
MAXIMUM PEAK FLOW			988	Oct 1	1,800	Sep 11, 2004
MAXIMUM PEAK STAGE			11.45	Oct 1	13.78	Sep 11, 2004
ANNUAL RUNOFF (CFSM)	1.33		0.704		0.426	
10 PERCENT EXCEEDS	502		206		138	
50 PERCENT EXCEEDS	47		31		7.1	
90 PERCENT EXCEEDS	0.60		6.4		0.00	

e Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.42	5.67	5.06	4.52	4.14	5.06	5.15	4.57	3.40	7.32	7.23	5.72
2	11.42	5.59	5.06	4.51	4.10	5.05	5.05	4.60	4.21	7.61	7.46	5.75
3	11.28	5.51	5.04	4.47	4.08	5.02	4.94	4.57	4.27	7.73	7.46	5.96
4	11.04	5.45	5.00	4.42	4.05	5.01	4.84	4.54	4.27	7.71	7.34	6.23
5	10.77	5.38	4.95	4.37	4.01	4.95	4.75	4.57	4.32	7.63	7.19	6.44
6	10.48	5.32	4.90	4.33	3.97	4.87	4.67	4.59	4.29	7.51	7.06	6.48
7	10.19	5.26	4.86	4.29	3.93	4.78	4.58	4.53	4.19	7.36	6.98	6.40
8	---	5.21	4.82	4.28	3.90	4.67	4.50	4.39	4.07	7.16	6.91	6.24
9	---	5.16	4.79	4.26	3.87	4.58	4.39	4.21	4.07	6.99	6.84	6.03
10	---	5.11	4.74	4.24	3.83	4.54	4.27	4.02	4.24	6.88	6.76	5.82
11	---	5.05	4.68	4.23	3.78	4.48	4.14	3.84	4.49	6.84	6.69	5.62
12	---	4.99	4.61	4.22	3.72	4.41	4.02	3.67	5.13	7.11	6.66	5.44
13	---	4.94	4.55	4.20	3.67	4.32	3.97	3.52	5.64	7.34	6.55	5.27
14	8.24	4.90	4.50	4.25	3.64	4.30	3.92	3.38	6.01	7.50	6.39	5.12
15	8.01	4.85	4.43	4.41	3.63	4.45	3.83	3.26	6.33	7.56	6.19	4.96
16	7.79	4.78	4.36	4.46	3.61	4.54	3.69	3.14	6.44	7.64	6.00	4.81
17	7.58	4.72	4.33	4.47	3.60	4.71	3.56	3.05	6.38	7.65	5.87	4.66
18	7.39	4.66	4.30	4.50	3.56	4.97	3.44	2.96	6.19	7.62	5.80	4.50
19	7.22	4.61	4.27	4.54	3.51	5.10	3.35	2.89	5.94	7.54	5.73	4.33
20	7.05	4.57	4.23	4.57	3.48	5.15	3.26	2.82	5.70	7.42	5.65	4.17
21	6.89	4.53	4.16	4.58	3.45	5.19	3.17	2.76	5.55	7.32	5.54	4.06
22	6.74	4.47	4.11	4.58	3.43	5.24	3.09	2.76	5.62	7.30	5.43	3.95
23	6.60	4.42	4.07	4.60	3.42	5.27	3.06	2.72	5.77	7.20	5.31	3.92
24	6.47	4.36	4.03	4.56	3.47	5.33	3.16	2.69	5.96	7.08	5.20	3.87
25	6.35	4.53	4.09	4.49	3.50	5.36	3.16	2.66	6.10	6.96	5.11	3.78
26	6.23	4.70	4.41	4.42	3.81	5.37	3.16	2.61	6.20	6.78	5.11	3.67
27	6.12	4.74	4.53	4.37	4.26	5.37	4.08	2.58	6.21	6.60	5.29	3.59
28	6.01	4.83	4.52	4.32	4.90	5.37	4.66	2.56	6.19	6.40	5.54	3.54
29	5.92	4.97	4.49	4.28	---	5.36	4.63	2.54	6.34	6.20	5.71	3.72
30	5.83	5.04	4.49	4.24	---	5.32	4.56	2.52	6.88	6.26	5.73	3.84
31	5.75	---	4.51	4.19	---	5.24	---	2.76	---	6.77	5.70	---
MEAN	---	4.94	4.54	4.39	3.80	4.95	4.04	3.43	5.35	7.19	6.21	4.93
MAX	---	5.67	5.06	4.60	4.90	5.37	5.15	4.60	6.88	7.73	7.46	6.48
MIN	---	4.36	4.03	4.19	3.42	4.30	3.06	2.52	3.40	6.20	5.11	3.54

02303420 CYPRESS CREEK AT WORTHINGTON GARDENS, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1966 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)
DEC 02...	0810	5.06	37	--	1.5	6.3	186	19.3	.04	<.06	<.008
FEB 10...	0730	3.84	10	--	3.6	6.6	209	17.3	<.04	<.06	<.008
APR 14...	1125	3.93	13	759	2.8	7.9	231	18.9	<.04	<.06	<.008
MAY 19...	0725	2.90	1.4	--	--	--	--	--	.07	E.03	<.008
JUL 21...	1125	7.33	214	--	.9	7.3	153	27.4	E.03	<.06	E.004
SEP 06...	0935	6.49	146	--	1.4	7.3	157	26.0	E.03	<.06	<.008

Date	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, wat unf by analysis, mg/L (62855)
DEC 02...	.05	.06	1.16
FEB 10...	E.01	.02	.99
APR 14...	.03	.06	1.02
MAY 19...	.04	.10	1.23
JUL 21...	.13	.21	1.28
SEP 06...	.08	.19	1.14

<--Less than
E--Estimated

02303800 CYPRESS CREEK NEAR SULPHUR SPRINGS, FL.

LOCATION.--Lat 28° 05'20", long 82° 24'33" (1927 North American datum), in SE$^{1}/_{4}$ sec.33, T.27 S., R.19 E., Hillsborough County, Hydrologic Unit 03100205, near center of span on downstream side of bridge on State Highway 581, 1.2 mi downstream from Thirteen Mile Run, 2.5 mi upstream from mouth, and 5.0 mi northeast of Sulphur Springs.

DRAINAGE AREA.--160 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1956 to January 1964 (miscellaneous discharge measurements only); February 1964 to current year.

REVISED RECORDS.--WDR FL-80-3: 1979.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (Florida Department of Transportation bench mark). Nov. 3, 1967, to Mar. 13, 1978, nonrecording gage at same site and datum.

REMARKS.--Records good.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	780	120	42	33	24	39	52	25	5.6	301	242	104
2	838	111	43	32	23	40	51	27	13	302	250	116
3	910	102	43	31	23	40	50	27	23	300	241	120
4	948	94	43	30	22	41	48	28	30	284	236	117
5	951	85	44	29	21	41	46	29	36	265	251	111
6	928	78	44	28	20	40	43	30	37	250	292	108
7	888	71	44	28	19	39	40	30	39	240	366	108
8	831	65	45	27	19	37	37	29	41	231	378	111
9	769	60	44	27	18	36	34	28	41	247	370	115
10	700	56	43	26	17	36	31	25	42	261	339	116
11	641	54	41	26	16	35	28	23	45	258	306	113
12	589	52	39	25	15	33	25	20	56	269	276	107
13	537	51	37	24	14	31	24	17	101	262	252	97
14	490	51	36	26	13	29	21	14	121	254	232	87
15	450	50	34	28	12	31	19	12	122	252	214	77
16	409	49	32	28	12	34	16	11	117	245	194	67
17	374	47	30	29	11	45	13	8.6	111	241	178	58
18	344	44	29	29	10	56	11	6.8	106	239	165	52
19	314	42	29	28	9.6	62	8.9	5.2	103	236	147	46
20	291	40	27	27	8.6	61	7.2	3.9	99	234	131	40
21	271	38	25	27	7.8	59	6.3	2.8	95	233	118	37
22	254	36	24	27	7.1	58	5.3	2.0	96	228	116	37
23	234	34	23	27	6.6	58	1.6	1.4	92	224	102	36
24	213	32	22	27	6.2	60	2.5	0.95	93	232	91	33
25	198	36	25	27	6.6	60	5.8	0.69	99	263	80	31
26	185	39	33	27	9.2	61	6.3	0.46	118	255	70	27
27	172	39	35	27	19	60	14	0.29	127	239	64	23
28	160	41	36	27	32	59	20	0.17	145	225	66	20
29	150	42	37	27	---	57	24	0.09	198	224	75	22
30	140	42	36	27	---	56	25	0.05	284	222	77	19
31	130	---	34	26	---	54	---	3.0	---	241	84	---
TOTAL	15,089	1,701	1,099	857	421.7	1,448	715.9	411.40	2,635.6	7,757	6,003	2,155
MEAN	487	56.7	35.5	27.6	15.1	46.7	23.9	13.3	87.9	250	194	71.8
MAX	951	120	45	33	32	62	52	30	284	302	378	120
MIN	130	32	22	24	6.2	29	1.6	0.05	5.6	222	64	19
AC-FT	29,930	3,370	2,180	1,700	836	2,870	1,420	816	5,230	15,390	11,910	4,270
CFSM	3.04	0.35	0.22	0.17	0.09	0.29	0.15	0.08	0.55	1.56	1.21	0.45
IN.	3.51	0.40	0.26	0.20	0.10	0.34	0.17	0.10	0.61	1.80	1.40	0.50

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 2005, BY WATER YEAR (WY)

MEAN	103	27.4	51.6	69.4	91.4	104	53.7	16.7	37.1	86.6	165	201
MAX	489	138	612	546	818	804	550	309	311	592	1,040	908
(WY)	(1983)	(1998)	(1998)	(1998)	(1998)	(1998)	(1987)	(1979)	(1981)	(1974)	(1965)	(2004)
MIN	0.08	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	1.90
(WY)	(1973)	(2001)	(2001)	(2001)	(2001)	(2001)	(2000)	(1967)	(1973)	(1973)	(1977)	(1993)

02303800 CYPRESS CREEK NEAR SULPHUR SPRINGS, FL.—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1965 - 2005	
ANNUAL TOTAL	76,588.40		40,293.60			
ANNUAL MEAN	209		110		83.9	
HIGHEST ANNUAL MEAN					294	1998
LOWEST ANNUAL MEAN					6.50	1992
HIGHEST DAILY MEAN	1,790	Sep 13	951	Oct 5	1,790	Sep 13, 2004
LOWEST DAILY MEAN	0.00	May 16	0.05	May 30	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.00	May 16	0.39	May 24	0.00	May 9, 1965
MAXIMUM PEAK FLOW			953	Oct 4	2,060	Aug 1, 1960
MAXIMUM PEAK STAGE			30.44	Oct 4	34.13	Aug 1, 1960
ANNUAL RUNOFF (AC-FT)	151,900		79,920		60,770	
ANNUAL RUNOFF (CFSM)	1.31		0.690		0.524	
ANNUAL RUNOFF (INCHES)	17.81		9.37		7.12	
10 PERCENT EXCEEDS	649		262		240	
50 PERCENT EXCEEDS	70		42		19	
90 PERCENT EXCEEDS	3.8		12		0.00	

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30.18	28.38	27.56	27.28	27.05	27.68	27.84	27.26	26.02	29.30	29.09	28.67
2	30.27	28.32	27.57	27.25	27.01	27.73	27.82	27.32	26.61	29.30	29.12	28.76
3	30.38	28.26	27.58	27.21	26.97	27.72	27.78	27.35	27.17	29.29	29.09	28.79
4	30.43	28.21	27.59	27.18	26.94	27.75	27.73	27.37	27.47	29.24	29.06	28.77
5	30.44	28.15	27.60	27.16	26.90	27.76	27.68	27.42	27.65	29.18	29.12	28.73
6	30.41	28.08	27.61	27.14	26.89	27.75	27.60	27.47	27.69	29.12	29.27	28.70
7	30.35	28.01	27.61	27.12	26.85	27.72	27.52	27.47	27.74	29.08	29.48	28.70
8	30.26	27.95	27.62	27.11	26.82	27.68	27.43	27.44	27.77	29.05	29.52	28.71
9	30.16	27.89	27.61	27.09	26.79	27.65	27.33	27.37	27.76	29.11	29.51	28.72
10	30.05	27.82	27.57	27.07	26.77	27.66	27.23	27.25	27.77	29.16	29.44	28.72
11	29.94	27.76	27.52	27.05	26.74	27.63	27.12	27.13	27.84	29.15	29.35	28.69
12	29.84	27.72	27.46	27.02	26.70	27.58	27.01	26.98	28.11	29.19	29.27	28.64
13	29.73	27.71	27.41	26.99	26.65	27.52	26.96	26.82	28.64	29.17	29.21	28.56
14	29.62	27.72	27.36	27.05	26.60	27.47	26.88	26.66	28.77	29.14	29.15	28.47
15	29.53	27.71	27.30	27.13	26.58	27.52	26.76	26.51	28.77	29.13	29.09	28.37
16	29.43	27.67	27.24	27.16	26.54	27.56	26.64	26.39	28.73	29.10	29.01	28.25
17	29.34	27.62	27.19	27.18	26.52	27.79	26.51	26.24	28.67	29.09	28.95	28.11
18	29.25	27.57	27.15	27.17	26.50	27.99	26.38	26.08	28.62	29.08	28.90	27.97
19	29.17	27.52	27.12	27.14	26.46	28.04	26.26	25.92	28.58	29.07	28.82	27.81
20	29.09	27.46	27.07	27.12	26.41	28.02	26.15	25.78	28.54	29.06	28.74	27.67
21	29.03	27.41	27.01	27.10	26.37	27.98	26.07	25.64	28.49	29.05	28.67	27.57
22	28.97	27.35	26.96	27.10	26.32	27.96	25.96	25.52	28.48	29.03	28.68	27.55
23	28.89	27.29	26.92	27.11	26.30	27.97	25.87	25.41	28.44	29.02	28.59	27.51
24	28.81	27.24	26.90	27.11	26.28	28.00	25.94	25.31	28.43	29.05	28.51	27.44
25	28.75	27.37	27.00	27.12	26.31	28.01	25.98	25.24	28.45	29.17	28.43	27.35
26	28.70	27.45	27.28	27.14	26.49	28.01	26.03	25.16	28.57	29.14	28.33	27.22
27	28.64	27.47	27.34	27.15	26.95	28.00	26.65	25.09	28.60	29.08	28.26	27.08
28	28.58	27.53	27.38	27.14	27.48	27.99	26.98	25.03	28.69	29.02	28.29	26.96
29	28.54	27.54	27.38	27.13	---	27.95	27.21	24.97	28.94	29.02	28.41	27.02
30	28.49	27.55	27.36	27.12	---	27.91	27.24	24.94	29.26	29.01	28.44	26.90
31	28.43	---	27.32	27.08	---	27.88	---	25.58	---	29.09	28.50	---
MEAN	29.47	27.72	27.34	27.13	26.69	27.80	26.89	26.33	28.18	29.12	28.91	28.08
MAX	30.44	28.38	27.62	27.28	27.48	28.04	27.84	27.47	29.26	29.30	29.52	28.79
MIN	28.43	27.24	26.90	26.99	26.28	27.47	25.87	24.94	26.02	29.01	28.26	26.90

02303800 CYPRESS CREEK NEAR SULPHUR SPRINGS, FL

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1964, 1966 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Color, water, fltrd, Pt-Co units (00080)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
DEC													
02...	1203	27.57	43	--	--	1.7	5.9	194	19.8	--	--	--	--
FEB													
10...	1130	26.78	17	150	763	4.2	7.4	219	17.7	32.7	2.46	2.19	7.56
APR													
14...	1343	26.87	21	75	759	3.7	7.7	237	20.8	35.2	2.75	1.73	9.56
MAY													
19...	1125	25.93	5.3	--	--	--	--	--	--	--	--	--	--
JUL													
21...	1010	29.08	--	150	--	1.5	7.4	174	27.1	27.3	2.10	2.44	6.09
SEP													
06...	0825	28.71	109	200	--	1.6	7.9	196	25.7	29.6	2.26	2.48	6.51

Date	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitrogen, wat unf by analysis, mg/L (62855)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Strontium, water, fltrd, ug/L (01080)
DEC												
02...	--	--	--	--	--	E.03	<.06	<.008	1.04	.06	.08	--
FEB												
10...	18.0	.1	.47	1.5	155	<.04	<.06	<.008	.92	E.01	.04	52.5
APR												
14...	21.7	.2	2.70	1.4	168	<.04	<.06	E.004	.97	.03	.06	59.5
MAY												
19...	--	--	--	--	--	.04	E.05	<.008	1.17	E.01	.08	--
JUL												
21...	12.0	.1	5.84	2.7	139	E.02	E.03	E.004	1.06	.09	.13	43.0
SEP												
06...	11.9	.1	6.64	1.9	159	E.03	E.03	<.008	1.09	.07	.13	50.8

<--Less than
E--Estimated

02304500 HILLSBOROUGH RIVER NEAR TAMPA, FL.

LOCATION.--Lat 28° 01'25", long 82° 25'40" (1927 North American datum), in NW$^{1}/_{4}$ sec.29, T.28 S., R.19 E., Hillsborough County, Hydrologic Unit 03100205, on left bank at upstream side of control structure for Tampa Reservoir, at 30th Street, 5.4 mi northeast of Tampa, and 10 mi upstream from mouth.

DRAINAGE AREA.--650 mi^2, approximately.

PERIOD OF RECORD.--October 1938 to current year.

REVISED RECORDS.--WSP 1234: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (city of Tampa bench mark). Prior to Oct. 1, 1945, at site 2.1 mi upstream at datum 0.66 ft higher.

REMARKS.--Records poor. Flow regulated at station since Oct. 1, 1945, by manipulation of radial gates in spillways and dam by city of Tampa Water Department. Some augmentation at times by pumping from Sulphur Springs at Sulphur Springs into reservoir. Diversion from reservoir 1.3 mi upstream from station by city of Tampa for water supply. Diversion at times since May 1979 from basin into Tampa Bypass Canal during high flow. WDR 1992 through WDR 2002 period of record gage height at present datum.

COOPERATION.--Records of gate operation and diversions furnished by city of Tampa water department.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known, 25.6 ft, Sept. 7, 1933, at former site and datum, from floodmarks, affected by backwater prior to failure of Tampa power dam, 2.1 mi below former gage. A discharge of 16,500 ft^3/s, was measured Sept. 9, 1933.

REVISED RECORDS.--WRD FL-98-3A: Daily discharge.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	304	182	83	19	8.5	0.00	81	24	0.00	906	611	431
2	254	255	81	19	13	0.00	119	5.1	9.8	1,130	697	609
3	461	259	82	18	12	1.5	85	9.2	20	1,210	546	822
4	367	129	81	17	10	13	62	11	85	1,250	487	962
5	701	78	79	15	10	16	58	18	188	1,130	441	1,040
6	988	67	69	16	12	18	19	23	161	1,090	396	1,080
7	1,040	76	55	17	12	20	6.7	22	158	1,020	574	1,080
8	935	77	58	16	11	18	9.9	24	122	972	689	1,030
9	792	79	58	13	11	35	8.6	29	419	1,080	635	871
10	675	79	60	12	12	55	6.3	50	200	885	603	633
11	1,190	77	51	11	12	21	2.9	63	71	879	695	458
12	1,970	77	26	12	12	16	0.84	73	78	1,130	655	346
13	1,670	75	14	14	12	14	0.70	23	444	1,270	627	241
14	1,480	74	21	17	6.8	16	0.78	5.4	611	1,310	627	225
15	1,390	71	21	14	0.00	28	0.04	1.2	682	650	510	214
16	1,070	55	23	14	0.00	77	0.00	2.3	667	1,070	360	121
17	989	44	21	13	0.00	258	0.00	0.96	727	1,080	314	26
18	930	36	10	13	0.00	111	0.00	0.00	685	996	262	0.00
19	771	36	10	14	0.00	21	0.00	0.00	661	963	261	0.05
20	724	36	10	18	0.00	107	0.00	0.00	551	963	238	1.2
21	684	34	10	31	0.00	171	0.00	0.00	459	1,020	138	47
22	625	33	10	53	0.00	149	0.00	0.00	367	996	185	126
23	521	34	10	47	0.00	153	0.00	0.00	273	884	282	90
24	369	46	10	43	0.00	145	0.00	0.00	265	859	281	58
25	239	64	10	41	0.00	129	0.00	0.00	226	803	226	16
26	293	92	11	41	0.00	130	0.00	0.00	126	739	157	7.5
27	325	84	12	40	0.00	128	0.00	0.00	310	740	143	9.0
28	353	60	12	41	0.00	102	0.00	0.00	585	778	161	14
29	322	61	11	37	---	87	26	0.00	755	736	300	19
30	280	80	10	20	---	70	47	0.00	963	739	326	16
31	248	---	15	8.6	---	78	---	0.00	---	736	325	---
MEAN	741	81.7	33.4	22.7	5.51	70.6	17.8	12.4	362	968	411	353
MAX	1,970	259	83	53	13	258	119	73	963	1,310	697	1,080
MIN	239	33	10	8.6	0.00	0.00	0.00	0.00	0.00	650	138	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

MEAN	359	54.7	248	225	108	239	80.4	22.9	290	760	1,093	730
MAX	741	108	949	820	248	607	290	76.4	739	1,315	1,897	938
(WY)	(2005)	(2003)	(2003)	(2003)	(2004)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)
MIN	146	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	258	411	353
(WY)	(2004)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2005)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2002 - 2005	
ANNUAL MEAN	382		259		353	
HIGHEST ANNUAL MEAN					689	2003
LOWEST ANNUAL MEAN					141	2002
HIGHEST DAILY MEAN	2,440	Aug 23	1,970	Oct 12	2,640	Jun 24, 2003
LOWEST DAILY MEAN	0.00	Many days	0.00	Many days	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.00	Apr 6	0.00	Feb 15	0.00	Nov 4, 2001
10 PERCENT EXCEEDS	1,290		893		1,150	
50 PERCENT EXCEEDS	84		63		79	
90 PERCENT EXCEEDS	0.00		0.00		0.00	

02304500 HILLSBOROUGH RIVER NEAR TAMPA, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.77	22.60	22.60	22.64	22.57	22.31	22.64	22.45	21.88	21.99	21.57	22.34
2	20.02	22.61	22.58	22.64	22.55	22.38	22.61	22.54	22.05	21.94	21.73	22.39
3	19.94	22.43	22.59	22.63	22.51	22.48	22.56	22.58	22.11	21.68	21.56	22.50
4	21.09	22.42	22.59	22.63	22.50	22.60	22.54	22.59	22.24	21.63	21.61	22.44
5	21.57	22.45	22.57	22.62	22.48	22.62	22.54	22.63	22.35	21.53	21.57	22.43
6	21.57	22.56	22.55	22.62	22.42	22.64	22.52	22.67	22.39	21.52	21.80	22.29
7	21.40	22.63	22.57	22.63	22.37	22.65	22.55	22.66	22.26	21.49	21.87	22.15
8	21.29	22.64	22.56	22.62	22.34	22.64	22.58	22.67	22.11	21.54	21.82	21.96
9	21.34	22.65	22.56	22.60	22.27	22.65	22.57	22.70	21.98	21.37	21.62	21.81
10	21.41	22.65	22.57	22.59	22.22	22.63	22.55	22.71	21.51	21.38	21.74	21.82
11	21.65	22.63	22.56	22.59	22.20	22.62	22.52	22.69	21.54	21.48	21.71	21.91
12	21.36	22.63	22.54	22.56	22.15	22.62	22.48	22.62	22.00	21.52	21.60	21.99
13	21.33	22.62	22.58	22.55	22.09	22.61	22.48	22.58	22.50	21.37	21.64	22.10
14	21.35	22.61	22.52	22.60	22.01	22.62	22.48	22.54	22.25	21.51	21.61	22.18
15	21.38	22.60	22.45	22.62	21.95	22.65	22.44	22.49	22.12	20.94	21.53	22.13
16	21.49	22.57	22.40	22.61	21.91	22.63	22.38	22.50	21.97	21.54	21.56	22.10
17	21.77	22.56	22.35	22.60	21.96	22.63	22.30	22.48	22.00	21.52	21.68	22.17
18	21.78	22.59	22.33	22.60	22.02	22.50	22.22	22.41	22.05	21.54	21.75	22.32
19	21.85	22.60	22.30	22.61	22.07	22.63	22.13	22.34	21.97	21.63	21.86	22.43
20	21.97	22.60	22.26	22.64	22.08	22.69	22.04	22.27	21.90	21.58	21.76	22.49
21	21.94	22.58	22.24	22.66	22.08	22.65	22.04	22.16	21.89	21.49	21.78	22.58
22	21.97	22.57	22.20	22.66	22.10	22.56	22.05	22.04	21.92	21.48	22.21	22.57
23	21.94	22.58	22.17	22.64	22.08	22.57	22.07	21.92	21.88	21.47	22.28	22.57
24	22.15	22.58	22.17	22.64	22.01	22.55	22.19	21.79	21.95	21.52	22.25	22.53
25	22.46	22.63	22.27	22.64	21.95	22.55	22.21	21.63	21.85	21.57	22.01	22.53
26	22.69	22.64	22.44	22.63	21.94	22.56	22.23	21.52	22.12	21.60	21.94	22.56
27	22.72	22.60	22.49	22.62	22.07	22.54	22.42	21.50	22.33	21.63	21.95	22.57
28	22.64	22.62	22.51	22.63	22.24	22.55	22.44	21.46	22.19	21.57	22.14	22.61
29	22.59	22.64	22.54	22.60	---	22.57	22.44	21.38	22.04	21.52	22.34	22.64
30	22.57	22.63	22.58	22.57	---	22.59	22.40	21.30	21.93	21.59	22.28	22.62
31	22.56	---	22.62	22.57	---	22.63	---	21.47	---	21.52	22.22	---
MEAN	21.66	22.59	22.46	22.61	22.18	22.58	22.39	22.24	22.04	21.54	21.84	22.32
MAX	22.72	22.65	22.62	22.66	22.57	22.69	22.64	22.71	22.50	21.99	22.34	22.64
MIN	19.77	22.42	22.17	22.55	21.91	22.31	22.04	21.30	21.51	20.94	21.53	21.81

02304500 HILLSBOROUGH RIVER NEAR TAMPA, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--May 1995 to September 1998; July 2000 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15--minute-interval, mounted on top of the concrete gage house on left edge of the dam with the top of funnel 11 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Rainfall data for the 2002 water year for the months of July-September is in error. Corrected data are available in files of the Geological Survey. Records of precipitation prior to October 1, 2001, not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.83	0.01	0.00	0.54
2	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.58	0.08	0.00	0.35
3	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.11	0.00	0.00	0.04
4	0.65	0.00	0.00	0.00	0.00	0.04	0.00	0.07	1.14	0.00	0.00	0.00
5	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.25	0.54	0.00	0.11	0.04
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.04
7	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.08	0.00	0.22	0.03
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.61	0.03	0.00
9	0.00	0.01	0.00	0.00	0.00	0.45	0.00	0.00	1.68	1.60	0.07	0.00
10	0.00	0.00	0.04	0.00	0.07	0.01	0.00	0.00	0.10	0.21	0.00	0.00
11	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.89	1.08	0.00	0.00
13	0.01	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.00	0.83	0.00	0.00
14	0.00	0.01	0.00	0.48	0.00	0.36	0.00	0.00	0.00	1.54	>0.33	0.00
15	0.33	0.00	0.00	0.00	0.00	0.22	0.00	0.75	0.00	0.01	>0.22	0.00
16	0.00	0.00	0.00	0.01	0.00	0.62	0.00	0.16	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	1.02	0.00	0.03	0.03	0.03	0.11	0.00
18	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.22	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.12	0.00	0.00	0.00
20	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.06
21	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.81	0.54
22	0.00	0.00	0.00	0.07	0.01	0.00	0.00	0.01	0.04	0.05	0.46	0.20
23	0.00	0.00	0.10	0.00	0.00	0.32	0.66	0.00	0.78	0.00	1.03	0.00
24	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.01	2.01	0.00	0.00
25	0.00	0.26	1.10	0.00	0.35	0.00	0.00	0.00	0.06	0.01	0.02	0.00
26	0.00	0.00	0.01	0.00	0.00	0.01	0.95	0.00	0.00	0.00	0.38	0.00
27	0.00	0.19	0.00	0.00	1.53	0.00	0.10	0.00	0.20	0.00	0.07	0.00
28	0.00	0.01	0.00	0.04	0.00	0.06	0.00	0.00	1.79	0.60	0.52	0.54
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.62	1.71	0.00	0.01
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	1.46	0.10	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	1.27	---	0.00	0.16	---
TOTAL	1.29	0.81	1.25	0.60	1.96	3.48	2.61	3.29	11.82	10.48	5.74	2.39

WTR YR 2005 TOTAL 45.72

> Actual value is known to be greater than the value shown

02304510 HILLSBOROUGH RIVER AT ROWLETT PARK DRIVE NEAR TAMPA, FL.

LOCATION.--Lat 28° 01'15", long 82° 26'05" (1927 North American datum), in NE$^{1}/_{4}$ sec.30, T.28 S., R.19 E., Hillsborough County, Hydrologic Unit 03100205, near center of span on downstream side of bridge on Rowlett Park Drive, 0.5 mi downstream from control structure for Tampa Reservoir, 4.9 mi northeast of Tampa, and 9.5 mi upstream from mouth.

DRAINAGE AREA.--672 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1996 to current year (gage heights only); July 2003 to current year (daily mean residual discharge).

GAGE.--Water-stage and velocity recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Maximum and minimum extremes represent gage height extremes, not tidal high and low.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily mean residual discharge, 2,470 ft^3/s (estimated), Aug. 14, 2003; maximum gage height, 7.17 ft, Dec. 13, 2002; minimum daily mean residual discharge not determined prior to October 2004, minimum daily mean residual discharge from October 2004 to current, -37 ft^3/s, September 18, 2005; minimum gage height, 2.33 ft below NGVD of 1929, Dec. 27 2004.

EXTREMES FOR CURRENT YEAR.--Maximum daily mean residual discharge, 1,900 ft^3/s, Oct. 12; maximum gage height, 5.83 ft, July 13; minimum daily mean residual discharge, -37 ft^3/s, September 18; minimum gage height, 2.33 ft below NGVD of 1929, Dec. 27.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	160	148	90	26	e-5.0	-6.1	90	1.9	5.7	962	572	459
2	358	269	85	22	e-10	-7.1	132	5.0	3.5	1,240	698	662
3	307	186	86	15	-10	-6.6	65	-0.83	2.9	1,240	481	900
4	398	108	83	3.4	1.8	8.6	38	15	170	1,250	477	965
5	769	70	79	1.6	-11	21	31	29	185	1,120	393	1,090
6	1,020	77	58	5.3	-21	23	-20	28	161	1,080	428	1,090
7	1,000	91	53	5.6	-29	25	-21	23	172	976	597	1,080
8	882	101	52	2.2	-35	29	4.9	30	75	1,020	700	1,000
9	757	110	53	e1.5	-36	62	0.26	45	477	1,060	587	812
10	547	84	62	e1.0	-25	58	-8.5	76	70	867	614	566
11	1,630	80	46	e0.00	-13	19	-12	93	72	864	696	394
12	1,900	79	1.5	e3.0	-14	12	0.88	48	94	1,240	630	275
13	1,680	75	16	e7.0	-23	9.0	2.9	-1.6	591	1,300	620	181
14	1,420	83	35	12	-15	16	0.62	-14	587	1,180	606	173
15	1,340	73	31	8.7	-14	43	-7.0	-28	710	718	457	150
16	1,000	52	33	7.1	-19	139	-9.8	-15	694	1,110	305	36
17	983	34	21	1.5	-17	312	-12	-0.93	708	1,060	281	-14
18	872	30	-2.4	-0.39	-10	55	-17	-7.6	679	961	214	-37
19	712	33	0.31	1.5	-21	37	-25	-15	629	974	248	-20
20	709	29	-2.7	11	-30	161	-29	-25	517	943	196	-6.0
21	634	23	-6.5	41	-31	225	-28	-23	399	1,040	98	76
22	609	24	-14	72	-26	133	-32	-24	325	953	204	131
23	430	25	-9.7	60	-27	190	-26	-25	202	825	258	77
24	295	52	3.1	45	-27	148	-17	-23	248	868	257	28
25	204	86	-9.1	41	-29	150	-28	-24	152	774	185	-12
26	310	113	0.11	45	-29	138	-33	-26	81	738	125	-14
27	342	78	-8.6	50	-33	138	-12	-23	400	727	101	-11
28	330	70	-7.7	e50	-6.7	111	-11	-26	657	761	166	6.2
29	280	74	-6.0	e40	---	84	16	-23	827	741	283	14
30	243	98	5.0	e20	---	53	45	-20	990	737	287	1.7
31	198	---	23	e5.0	---	79	---	-4.6	---	712	297	---
MEAN	720	81.8	27.4	19.5	-20.2	79.3	2.61	1.43	363	969	389	335
MAX	1,900	269	90	72	1.8	312	132	93	990	1,300	700	1,090
MIN	160	23	-14	-0.39	-36	-7.1	-33	-28	2.9	712	98	-37

e Estimated

02304510 HILLSBOROUGH RIVER AT ROWLETT PARK DRIVE NEAR TAMPA, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	2.37	-0.44	2.36	-0.49	1.90	-1.14	1.02	-1.43	---	---	1.27	-0.66
2	2.12	-0.88	2.33	-0.20	1.40	-1.04	1.13	-1.13	2.11	-0.71	1.25	-0.97
3	2.56	-0.42	2.16	-0.38	1.10	-1.26	1.18	-1.22	2.61	-0.93	1.16	-1.45
4	2.02	-0.21	1.89	-0.36	0.99	-1.21	1.24	-0.95	1.05	-1.49	1.56	-1.52
5	2.23	0.99	2.01	-1.07	1.11	-1.12	1.49	-1.25	1.85	-1.94	1.66	-1.48
6	2.69	1.89	0.60	-1.07	1.41	-0.70	1.66	-1.60	2.72	-1.91	1.81	-1.55
7	2.49	1.93	1.46	-0.69	1.74	-0.91	1.67	-1.70	2.67	-1.64	2.64	-1.37
8	2.49	1.61	1.43	-0.77	1.68	-0.93	1.84	-1.94	2.80	-1.06	2.78	-0.11
9	2.67	1.28	1.30	-0.93	2.13	-1.42	1.72	-2.18	3.08	-0.87	1.51	-1.61
10	2.60	1.01	1.61	-1.20	2.32	-1.08	1.87	-2.20	3.13	-0.49	1.84	-1.11
11	5.03	1.35	2.65	-0.94	2.21	-1.30	1.98	-2.04	1.22	-1.63	2.13	-0.71
12	5.00	3.78	2.79	-0.70	1.68	-1.99	2.35	-1.64	1.35	-1.06	1.52	-1.09
13	4.46	3.52	3.11	-0.93	1.97	-2.10	2.25	-0.90	2.44	-0.54	2.05	-0.82
14	4.16	2.92	2.34	-1.46	2.00	-1.92	2.60	-1.37	2.17	-0.16	1.79	-1.05
15	4.05	2.73	1.23	-1.53	-0.40	-1.92	0.32	-1.79	1.97	-0.23	1.82	-1.18
16	3.49	1.79	1.61	-1.57	0.19	-1.92	0.05	-1.63	2.10	-0.66	2.44	-0.99
17	3.08	1.79	1.90	-1.34	0.71	-1.62	0.37	-1.99	1.80	-0.46	2.25	0.00
18	3.16	1.51	1.45	-1.07	0.86	-1.26	0.35	-2.07	1.15	-1.55	0.97	-0.36
19	3.14	1.11	1.55	-0.83	0.94	-1.13	1.21	-2.12	1.42	-1.79	0.88	-1.50
20	2.74	1.10	1.62	-0.55	0.49	-1.58	1.84	-1.78	1.68	-1.53	1.90	-1.11
21	2.35	0.74	1.57	-0.38	1.26	-1.71	2.00	-1.16	1.82	-1.27	2.28	-0.56
22	1.70	0.73	1.94	-0.63	1.96	-1.75	2.47	-1.18	1.97	-1.21	2.28	-0.53
23	2.06	0.07	2.18	-0.67	1.91	-1.00	2.56	-1.46	1.87	-1.20	2.29	-0.47
24	2.25	0.04	3.37	-0.53	1.60	-1.78	1.40	-1.79	2.08	-0.67	2.44	-0.52
25	1.98	-0.34	3.23	0.07	2.09	-2.12	1.52	-1.54	2.10	-0.94	2.13	-0.42
26	1.90	-0.19	1.47	-1.17	3.69	-1.78	2.02	-1.01	1.44	-1.11	2.05	-0.45
27	1.85	-0.18	3.05	-1.10	0.12	-2.33	1.99	-1.21	3.46	-0.72	2.78	-0.20
28	1.98	-0.12	3.05	-1.21	0.51	-2.23	1.59	-1.41	2.19	-0.38	2.51	-0.57
29	2.27	-0.18	1.40	-1.41	0.94	-2.01	1.38	-1.05	---	---	1.97	-1.02
30	2.26	-0.36	1.72	-1.14	1.29	-1.89	---	---	---	---	2.00	-1.03
31	2.47	-0.37	---	---	1.37	-1.42	---	---	---	---	2.66	-1.04
MONTH	5.03	-0.88	3.37	-1.57	3.69	-2.33	---	---	---	---	2.78	-1.61
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	2.82	-0.99	2.72	-0.76	2.42	0.00	3.09	1.99	2.59	0.80	2.71	0.74
2	1.67	-0.19	1.69	-0.82	2.47	-0.44	3.77	2.45	2.94	1.14	3.13	1.24
3	1.30	-1.17	1.57	-1.01	2.51	-0.36	3.67	2.70	2.66	0.54	2.95	1.68
4	1.63	-1.42	2.39	-0.66	2.49	0.02	3.70	2.64	2.67	0.52	3.00	2.02
5	1.95	-1.16	2.65	-0.38	2.58	-0.50	3.52	2.45	2.56	0.19	3.25	2.14
6	2.12	-0.95	1.55	-1.30	2.45	-0.54	3.71	2.22	2.60	0.26	3.09	2.25
7	2.73	-0.27	1.79	-1.31	2.57	-0.65	3.39	1.88	2.82	0.69	3.16	2.32
8	2.72	-0.71	2.57	-0.98	2.39	-0.89	3.75	1.88	2.62	0.95	3.08	2.14
9	1.95	-1.17	2.52	-0.98	4.53	-0.85	4.15	2.31	2.44	0.97	2.92	1.67
10	2.09	-1.50	2.60	-0.86	2.04	-0.62	4.98	2.13	2.33	0.96	2.64	0.82
11	2.51	-1.20	2.33	-0.86	2.87	-0.50	3.18	1.83	2.46	1.22	2.31	0.26
12	2.98	-0.83	2.43	-0.82	2.45	-0.27	4.82	1.78	2.47	1.13	2.33	-0.04
13	2.52	-0.63	2.25	-0.95	2.45	-0.27	5.83	2.36	2.68	1.10	2.65	-0.26
14	2.12	-0.76	2.08	-1.15	2.12	1.16	4.49	2.58	2.62	1.05	2.92	-0.18
15	1.25	-1.50	1.92	-0.81	2.51	0.74	2.78	0.35	2.66	0.47	2.78	-0.35
16	0.86	-1.92	1.67	-0.72	2.44	1.30	3.42	2.33	2.56	-0.09	3.01	-0.47
17	0.95	-1.89	1.43	-0.84	2.76	1.32	3.34	2.27	2.75	-0.09	2.74	-0.48
18	1.08	-1.58	1.62	-0.87	2.89	1.20	3.37	1.96	3.02	-0.34	2.71	-0.31
19	1.50	-1.15	1.88	-0.69	2.83	0.90	3.56	1.93	3.22	-0.12	2.25	-0.52
20	1.84	-0.85	2.23	-0.52	2.58	0.58	3.70	1.93	3.05	-0.40	1.42	-1.45
21	2.08	-0.42	2.49	-0.77	2.81	0.16	3.98	2.05	2.87	-0.35	2.96	-1.12
22	2.22	-0.43	2.14	-1.26	2.92	-0.02	3.75	1.97	2.58	-0.09	4.13	0.09
23	2.76	0.00	2.53	-1.42	4.57	-0.49	3.20	1.66	2.39	0.22	3.41	0.09
24	1.87	-1.12	2.74	-1.11	2.49	-0.50	5.00	1.14	2.28	0.12	2.96	-0.16
25	2.21	-1.29	3.13	-1.48	2.74	-0.53	2.59	1.48	2.12	-0.52	2.11	-0.23
26	3.17	-0.86	2.78	-1.48	2.50	-0.71	2.57	1.46	0.79	-0.92	2.07	-0.28
27	2.67	-1.23	2.97	-1.37	2.35	-0.35	2.55	1.45	2.81	0.08	2.00	-0.30
28	1.99	-1.32	2.56	-1.27	2.75	0.93	2.48	1.43	3.40	0.28	2.29	-0.38
29	2.59	-1.38	1.93	-0.99	2.75	1.57	2.62	1.37	3.22	0.71	2.45	-0.45
30	3.07	-0.77	2.09	-0.71	3.35	1.76	2.63	1.35	2.95	0.46	2.40	-0.40
31	---	---	2.36	-0.40	---	---	2.75	1.33	2.67	0.18	---	---
MONTH	3.17	-1.92	3.13	-1.48	4.57	-0.89	5.83	0.35	3.40	-0.92	4.13	-1.45

02304510 HILLSBOROUGH RIVER AT ROWLETT PARK DRIVE NEAR TAMPA, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--December 1996 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located near the surface and 1.0 ft above the bottom.

REMARKS.--Specific conductance and temperature record are rated good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 28,300 microsiemens, June 4, 5, 2000; bottom sensor maximum, 27,800 microsiemens, June 5, 2000; top sensor minimum, 82 microsiemens, Dec. 18, 1997; bottom sensor minimum, 87 microsiemens, Dec. 18, 1997.

TEMPERATURE.--Top sensor maximum, 33.5° C, June 18, 1998, Aug. 25, 2000; bottom sensor maximum, 33.4° C, July 10, 2004; top sensor minimum, 9.6° C, Jan. 5, 2001; bottom sensor minimum, 11.2° C, Jan. 6, 1999.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 10,400 microsiemens, Feb. 21; bottom sensor maximum, 11,500 microsiemens, Feb. 21; top sensor minimum, 136 microsiemens, June 23; bottom sensor minimum, 146 microsiemens, June 23.

TEMPERATURE.--Top sensor maximum, 31.4° C, Aug. 23; bottom sensor maximum, 31.3° C, Aug. 23, 24; top sensor minimum, 12.8° C, Dec. 27; bottom sensor minimum, 12.7° C, Dec. 27.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	195	180	252	231	326	311	1,340	1,030	---	---	3,540	3,270
2	198	180	395	234	325	310	1,290	1,030	389	341	3,600	3,440
3	206	179	597	360	330	313	1,290	387	890	345	3,600	2,450
4	195	176	682	509	327	314	387	323	569	341	2,450	1,200
5	180	152	658	260	327	314	350	330	547	342	1,380	1,140
6	169	153	695	589	328	316	352	333	4,510	338	1,300	942
7	173	158	679	577	330	315	354	336	6,500	561	1,210	451
8	173	156	684	577	328	310	360	340	7,420	773	519	381
9	163	153	663	577	328	315	366	344	7,580	1,360	403	365
10	167	153	697	261	326	309	475	349	---	---	395	376
11	187	162	279	260	326	312	923	350	---	---	398	373
12	175	155	280	264	327	305	2,280	355	---	---	419	376
13	198	164	283	267	329	315	2,180	368	---	---	400	375
14	174	167	288	267	325	312	1,840	300	---	---	398	337
15	191	168	301	272	323	312	365	352	3,340	2,440	389	358
16	181	170	293	279	326	312	368	348	3,510	3,290	380	347
17	187	175	297	278	1,290	308	365	350	3,650	3,480	375	341
18	195	180	312	283	1,940	1,160	367	350	3,790	3,400	371	332
19	201	188	301	284	2,100	1,660	368	349	5,540	3,400	367	330
20	206	194	311	287	2,240	1,700	366	350	9,540	3,300	351	328
21	212	199	324	294	2,380	1,900	368	353	10,400	4,140	346	325
22	214	201	313	294	2,440	1,780	366	355	10,100	4,320	346	324
23	214	203	312	297	2,810	1,840	368	354	9,420	4,300	347	322
24	218	209	317	300	2,610	1,490	368	356	8,430	4,040	345	320
25	231	211	320	299	2,430	904	371	357	7,370	3,770	342	318
26	229	217	321	301	2,170	906	376	356	5,660	3,680	342	316
27	231	220	323	309	1,400	378	379	358	4,990	1,790	341	317
28	245	222	325	310	1,540	330	380	357	3,350	2,500	346	316
29	243	226	327	311	2,540	1,300	377	361	---	---	349	316
30	266	230	328	310	2,490	1,410	---	---	---	---	334	305
31	245	228	---	---	1,780	1,120	---	---	---	---	335	310
MONTH	266	152	697	231	2,810	305	---	---	---	---	3,600	305

02304510 HILLSBOROUGH RIVER AT ROWLETT PARK DRIVE NEAR TAMPA, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	342	309	1,210	516	2,530	1,640	254	229	255	206	419	267
2	337	310	2,010	1,210	2,580	1,400	238	210	224	206	290	265
3	334	307	1,900	1,310	1,800	1,060	227	200	215	200	289	268
4	357	311	1,440	1,140	1,160	384	219	200	216	185	276	223
5	341	308	1,170	472	526	419	219	199	213	189	242	193
6	346	314	491	353	493	305	218	202	218	193	202	176
7	466	326	391	351	352	319	213	200	231	201	194	167
8	397	321	388	354	380	334	213	198	239	213	196	173
9	350	313	391	355	362	330	216	198	237	220	200	176
10	352	319	388	358	343	320	217	201	236	214	222	181
11	1,420	325	389	362	346	272	214	201	232	203	211	179
12	1,940	614	389	359	347	267	212	190	217	201	221	187
13	2,410	927	388	355	326	302	207	180	214	200	215	196
14	2,790	1,980	398	369	323	300	196	179	215	201	214	193
15	2,820	2,440	755	369	325	301	199	182	224	203	220	202
16	2,870	2,400	1,030	365	309	261	202	189	231	214	226	203
17	2,890	2,680	1,840	888	284	241	204	187	233	214	231	212
18	3,060	2,790	2,570	1,610	259	239	201	188	386	218	603	225
19	3,990	2,850	3,180	2,390	258	236	206	191	423	338	1,100	319
20	5,100	2,950	4,330	2,710	256	238	206	194	506	342	2,430	823
21	6,030	3,070	5,340	2,990	259	242	208	190	729	415	1,980	417
22	5,970	3,040	4,950	3,090	262	247	207	190	758	363	492	406
23	5,830	2,700	5,030	2,020	266	136	207	193	415	347	553	225
24	4,350	2,900	5,270	3,100	266	247	209	179	416	374	251	229
25	3,930	2,910	5,250	3,110	266	247	206	191	522	380	251	230
26	4,890	1,310	4,980	3,190	272	247	208	189	605	484	264	238
27	2,780	1,310	5,420	3,080	269	245	214	195	616	509	272	241
28	2,850	2,640	5,020	3,040	266	236	216	197	613	424	318	170
29	2,810	834	4,350	2,990	268	242	212	188	479	367	266	244
30	847	752	4,120	2,940	252	231	210	194	427	371	264	248
31	---	---	3,140	999	---	---	219	193	437	387	---	---
MONTH	6,030	307	5,420	351	2,580	136	254	179	758	185	2,430	167

02304510 HILLSBOROUGH RIVER AT ROWLETT PARK DRIVE NEAR TAMPA, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	191	178	242	230	314	312	1,300	1,020	---	---	3,480	3,250
2	193	179	387	233	315	313	1,260	1,020	393	345	3,540	3,480
3	199	177	591	353	320	315	1,260	347	1,530	345	3,540	2,770
4	191	174	662	507	318	314	347	324	854	346	2,770	1,190
5	176	151	645	257	318	314	341	327	1,090	343	1,360	1,130
6	165	151	686	590	319	315	341	330	5,760	344	1,230	921
7	168	159	666	570	325	314	344	331	7,690	2,820	1,170	480
8	167	153	658	573	317	311	344	336	8,160	5,500	---	---
9	158	152	645	579	317	312	353	338	8,330	5,790	---	---
10	161	153	675	257	314	302	456	342	---	---	---	---
11	182	159	270	258	314	308	901	344	---	---	---	---
12	171	154	266	260	317	309	2,160	346	---	---	---	---
13	171	162	269	262	322	311	2,050	356	---	---	---	---
14	170	167	274	264	315	310	1,780	302	---	---	---	---
15	177	169	277	270	314	310	349	341	3,050	2,310	376	358
16	179	172	282	274	312	309	348	341	3,570	3,050	366	352
17	184	177	287	277	1,260	309	346	339	3,780	3,440	360	347
18	192	181	288	280	1,870	1,150	345	339	3,930	3,480	350	339
19	200	187	289	282	2,060	1,640	345	339	7,320	3,490	356	337
20	205	198	298	286	2,200	1,670	343	339	11,100	5,650	338	332
21	211	201	310	289	2,350	1,860	341	338	11,500	9,290	334	330
22	207	200	302	292	2,390	1,740	341	337	11,000	9,150	333	328
23	209	202	301	293	2,760	1,810	342	338	9,950	7,660	332	327
24	212	209	304	297	2,550	1,430	342	338	9,090	6,700	330	326
25	226	212	308	296	2,360	873	343	338	8,020	6,050	329	326
26	223	215	308	302	2,130	907	342	338	6,220	4,500	327	324
27	225	218	310	302	1,370	370	342	339	5,250	2,120	327	322
28	238	222	312	305	1,540	324	343	339	4,080	2,830	327	319
29	239	226	315	308	2,480	1,280	344	340	---	---	345	318
30	236	229	315	310	2,440	1,430	---	---	---	---	325	318
31	239	230	---	---	1,750	1,110	---	---	---	---	323	316
MONTH	239	151	686	230	2,760	302	---	---	---	---	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	322	317	1,260	440	2,500	1,750	239	229	258	212	419	278
2	323	309	2,050	1,260	2,490	1,640	229	215	221	213	285	278
3	320	313	2,040	1,410	2,010	1,070	215	204	217	209	287	274
4	324	314	1,440	1,130	1,120	373	204	200	214	199	276	237
5	328	315	1,140	461	518	420	210	201	207	196	237	201
6	342	320	487	358	477	314	209	204	215	198	201	183
7	507	322	380	354	342	326	211	205	222	207	189	183
8	439	323	375	363	375	338	209	205	232	217	191	183
9	349	321	380	365	359	330	210	203	233	227	194	186
10	343	324	374	361	331	323	212	206	231	223	200	188
11	1,480	330	380	366	338	246	210	207	223	213	---	---
12	1,960	660	380	364	347	239	208	192	213	207	---	---
13	2,480	976	384	365	313	306	203	184	208	206	---	---
14	2,720	2,310	407	372	310	305	194	182	213	206	210	202
15	2,760	2,470	794	376	314	299	215	188	218	212	213	204
16	2,760	2,430	1,380	371	300	268	199	194	226	218	232	206
17	2,810	2,660	1,700	915	274	247	200	195	227	221	261	214
18	3,140	2,800	2,460	1,600	247	242	199	195	377	222	838	227
19	4,810	2,830	3,610	2,360	251	242	207	197	434	348	1,380	317
20	6,100	3,330	4,930	2,760	251	244	205	199	517	352	2,460	818
21	6,750	4,550	6,160	4,260	254	247	205	198	726	415	1,900	421
22	6,430	4,250	5,480	3,490	253	251	200	197	760	369	482	409
23	6,610	3,110	5,600	3,420	259	146	205	199	425	357	549	231
24	4,560	2,910	5,860	3,440	259	254	203	179	423	382	260	234
25	4,380	2,970	5,510	3,550	261	255	202	196	516	385	290	234
26	5,640	1,710	5,440	3,320	282	255	205	201	602	494	303	248
27	2,760	1,870	6,220	3,110	259	249	210	205	621	521	287	249
28	2,790	2,640	5,640	3,890	259	238	211	204	598	431	302	167
29	2,770	818	4,960	3,570	255	237	208	187	476	384	280	245
30	818	763	4,330	3,050	241	233	206	202	426	382	282	253
31	---	---	4,010	1,010	---	---	215	204	443	399	---	---
MONTH	6,750	309	6,220	354	2,500	146	239	179	760	196	---	---

02304510 HILLSBOROUGH RIVER AT ROWLETT PARK DRIVE NEAR TAMPA, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.0	26.6	26.1	24.7	22.0	21.2	19.9	18.1	---	---	22.8	21.0
2	29.3	27.0	26.4	25.0	21.8	20.9	20.1	18.2	18.3	17.2	22.2	20.2
3	29.5	27.7	26.3	25.1	21.4	20.3	20.3	18.2	19.3	18.0	21.8	19.4
4	28.6	27.6	25.9	24.7	20.5	19.5	19.5	17.4	19.3	16.5	21.4	18.8
5	28.5	27.3	25.6	24.1	21.0	19.1	19.4	18.3	17.4	14.8	21.7	18.1
6	27.8	27.0	25.4	23.5	20.8	19.5	20.1	18.8	17.7	15.8	21.9	18.1
7	27.2	26.5	25.1	23.0	21.1	20.0	20.5	19.1	18.7	16.8	21.4	18.9
8	27.2	26.0	24.7	22.5	21.8	20.0	21.4	19.9	19.4	17.3	21.0	19.2
9	27.2	26.0	23.6	22.5	22.2	20.7	21.6	20.2	20.1	17.9	19.6	17.5
10	26.7	26.1	23.4	22.2	22.5	21.4	21.9	20.4	---	---	19.9	17.3
11	26.2	25.3	23.6	22.2	21.4	19.6	22.2	21.1	---	---	19.7	16.9
12	25.9	24.9	23.5	22.5	19.8	18.3	22.2	20.9	---	---	20.6	17.2
13	25.6	25.2	23.6	22.8	19.6	17.5	22.5	21.3	---	---	21.1	17.2
14	25.8	25.0	23.5	22.4	19.0	17.1	22.4	20.5	---	---	20.9	19.0
15	25.1	24.3	22.8	21.8	17.4	16.0	20.5	19.0	23.9	20.9	21.4	19.9
16	24.6	23.6	23.0	21.4	17.3	15.4	19.1	18.2	23.9	21.9	21.6	20.5
17	24.7	23.6	23.1	21.1	18.1	15.8	18.2	16.6	23.6	22.5	20.9	19.9
18	24.0	23.1	23.0	20.5	19.8	17.7	16.8	15.2	23.6	21.1	21.2	19.7
19	24.4	23.3	22.4	20.5	19.8	18.0	16.3	14.7	21.5	19.8	22.1	17.4
20	24.2	23.6	23.4	21.3	19.0	17.1	16.5	15.2	21.8	20.3	21.4	18.5
21	25.2	24.2	24.2	21.5	18.3	16.8	17.3	15.4	23.1	21.2	20.8	19.9
22	25.8	24.5	23.5	21.8	19.4	18.1	17.2	15.9	24.1	21.9	21.9	20.3
23	26.1	24.5	23.3	22.0	20.9	18.8	17.5	15.4	24.8	22.5	21.9	20.8
24	25.6	24.3	23.4	22.6	20.6	18.5	16.8	14.5	23.8	23.1	21.8	20.7
25	26.0	24.6	23.1	21.4	19.2	15.7	16.7	14.3	23.7	23.0	22.7	21.2
26	25.9	24.5	22.2	20.8	17.6	15.3	16.5	14.6	23.0	22.0	24.0	21.8
27	25.9	24.4	21.5	20.7	15.5	12.8	17.3	15.4	22.7	20.9	24.2	22.7
28	25.6	24.2	22.6	20.7	17.7	13.3	16.5	15.5	22.8	21.4	23.8	22.3
29	25.7	24.1	22.1	20.2	19.7	16.6	17.1	15.6	---	---	23.9	21.5
30	25.5	24.2	22.4	20.6	20.0	18.2	---	---	---	---	24.4	21.2
31	26.0	24.2	---	---	19.8	17.4	---	---	---	---	24.5	22.8
MONTH	29.5	23.1	26.4	20.2	22.5	12.8	---	---	---	---	24.5	16.9
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.5	23.0	25.5	23.4	26.6	25.9	28.1	27.4	30.6	29.0	29.8	29.5
2	24.6	22.7	26.8	24.5	27.6	25.0	28.7	27.7	29.5	28.3	30.0	29.1
3	24.6	22.0	27.4	23.7	28.4	26.8	29.1	27.8	29.4	28.3	29.7	28.7
4	24.8	21.1	26.2	24.9	27.8	25.3	29.4	28.0	29.7	28.6	29.1	28.2
5	24.9	22.0	25.7	24.4	28.3	27.0	30.4	28.3	29.7	28.9	28.3	27.7
6	25.8	23.0	27.0	23.9	29.2	27.0	30.3	28.8	29.8	28.7	28.1	27.3
7	25.0	23.7	27.3	23.4	29.1	27.3	30.6	29.0	29.1	28.6	27.9	27.4
8	25.4	23.3	27.4	24.1	30.4	27.6	30.7	29.4	29.6	28.4	27.8	27.3
9	25.8	22.2	27.3	24.2	29.6	28.5	29.4	27.8	28.9	28.2	27.8	27.0
10	25.7	22.4	26.4	24.3	28.5	27.2	27.9	27.3	28.9	28.0	28.5	27.4
11	25.5	23.5	27.2	24.3	28.8	26.3	28.8	27.3	29.5	28.0	29.1	27.5
12	25.7	24.0	28.0	24.5	29.3	28.2	28.5	27.6	29.7	28.3	28.7	27.3
13	26.0	23.8	27.8	25.8	29.4	28.0	28.5	27.7	29.4	28.6	28.5	27.2
14	25.2	24.0	27.5	25.8	29.8	28.3	28.7	27.5	29.7	28.6	28.4	27.3
15	24.3	22.4	27.5	26.3	29.4	28.4	30.0	27.2	29.9	28.7	28.8	27.6
16	23.6	21.2	28.1	26.0	29.3	28.6	29.8	27.9	30.7	28.8	28.8	27.5
17	24.1	21.0	29.0	26.2	29.8	29.3	29.7	28.2	30.3	28.9	28.9	26.7
18	25.3	21.4	28.0	25.8	29.9	29.3	30.0	28.5	30.5	28.9	29.3	27.3
19	25.5	22.6	27.8	25.1	29.7	29.2	30.3	28.7	30.7	29.0	29.2	27.8
20	26.0	23.2	28.0	25.3	30.2	29.1	30.3	28.7	30.3	29.2	28.5	26.6
21	25.6	23.2	28.2	25.8	29.3	28.6	30.7	28.9	30.4	28.9	28.8	26.5
22	25.9	23.1	27.6	26.2	29.1	28.3	30.7	29.3	31.1	28.8	28.4	27.8
23	24.6	23.1	27.9	26.3	29.3	27.3	29.8	29.4	31.4	29.7	28.9	27.6
24	24.7	22.4	26.9	26.1	29.0	27.8	30.0	29.0	31.3	29.7	30.0	27.8
25	24.8	22.1	28.0	26.0	28.9	27.4	30.4	29.0	30.7	29.5	31.2	28.1
26	23.8	21.7	26.9	25.5	29.5	27.4	30.2	29.3	30.5	28.9	29.7	28.4
27	24.6	21.6	27.1	25.4	29.4	28.3	30.0	29.1	30.2	29.0	30.8	28.3
28	25.6	22.6	27.8	25.8	29.8	28.4	30.5	29.1	30.3	28.9	30.0	27.9
29	25.6	23.9	27.6	26.1	28.8	28.0	30.4	29.6	30.0	29.2	30.9	28.0
30	26.3	24.2	28.4	26.1	28.3	27.5	30.5	28.8	30.2	29.7	30.1	27.5
31	---	---	28.1	24.3	---	---	30.1	28.8	30.4	29.7	---	---
MONTH	26.3	21.0	29.0	23.4	30.4	25.0	30.7	27.2	31.4	28.0	31.2	26.5

02304510 HILLSBOROUGH RIVER AT ROWLETT PARK DRIVE NEAR TAMPA, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.0	26.6	26.1	24.7	22.0	21.2	19.9	18.1	---	---	22.8	20.9
2	29.3	27.0	26.4	25.0	21.8	20.9	20.1	18.2	18.3	17.1	22.2	20.2
3	29.6	27.7	26.3	25.1	21.4	20.3	20.3	18.1	18.9	18.0	21.6	19.5
4	28.6	27.6	25.9	24.7	20.5	19.5	19.5	17.4	19.0	16.4	20.5	18.6
5	28.5	27.3	25.6	24.0	21.0	19.1	19.5	18.3	16.9	14.9	21.2	18.2
6	27.8	27.0	25.4	23.5	20.8	19.5	20.1	18.8	18.0	15.7	21.4	18.4
7	27.2	26.5	25.1	23.0	21.1	20.0	20.6	19.1	18.9	17.7	20.6	18.9
8	27.2	26.0	24.7	22.5	21.8	20.0	21.5	19.9	19.3	18.6	---	---
9	27.2	26.0	23.6	22.5	22.2	20.7	21.6	20.2	19.9	19.3	---	---
10	26.7	26.1	23.4	22.2	22.5	21.4	21.9	20.4	---	---	---	---
11	26.2	25.3	23.6	22.2	21.4	19.5	22.2	21.1	---	---	---	---
12	25.9	25.0	23.5	22.5	19.8	18.3	22.3	20.9	---	---	---	---
13	25.7	25.2	23.6	22.8	19.6	17.5	22.5	21.3	---	---	---	---
14	25.8	25.0	23.5	22.4	19.0	17.1	22.4	20.5	---	---	---	---
15	25.1	24.3	22.8	21.8	17.4	16.0	20.5	19.0	22.9	20.6	21.3	19.9
16	24.6	23.6	23.0	21.4	17.3	15.4	19.1	18.1	23.3	21.9	21.4	20.5
17	24.7	23.6	23.1	21.1	18.0	15.8	18.1	16.5	23.5	22.2	20.9	19.9
18	24.0	23.1	23.0	20.5	19.9	17.7	16.8	15.2	23.3	21.4	21.1	19.7
19	24.4	23.3	22.4	20.5	19.8	18.0	16.3	14.6	21.5	20.2	20.5	17.3
20	24.2	23.6	23.5	21.3	19.0	17.1	16.5	15.1	21.2	20.6	21.4	18.5
21	25.2	24.2	24.3	21.5	18.3	16.8	17.3	15.4	21.9	21.2	20.8	19.9
22	25.8	24.6	23.5	21.8	19.4	18.1	17.2	15.8	22.5	21.7	21.9	20.3
23	26.1	24.5	23.4	22.0	20.9	18.9	17.5	15.4	23.5	22.3	21.9	20.8
24	25.6	24.3	23.4	22.6	20.6	18.3	16.8	14.5	23.3	23.1	21.8	20.7
25	26.0	24.6	23.1	21.4	19.2	15.6	16.7	14.4	23.3	23.0	22.7	21.2
26	25.9	24.5	22.2	20.8	17.6	15.3	16.3	14.6	23.1	22.2	24.0	21.8
27	25.9	24.4	21.5	20.7	15.5	12.7	17.2	15.4	22.5	20.9	24.2	22.7
28	25.6	24.2	22.7	20.7	17.8	13.3	16.5	15.5	22.8	21.4	23.8	22.3
29	25.7	24.1	22.1	20.2	19.7	16.6	17.1	15.6	---	---	23.9	21.5
30	25.5	24.2	22.4	20.6	20.0	18.2	---	---	---	---	24.0	21.2
31	26.1	24.2	---	---	19.8	17.4	---	---	---	---	24.5	22.8
MONTH	29.6	23.1	26.4	20.2	22.5	12.7	---	---	---	---	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.2	23.0	25.5	23.2	26.6	25.9	28.1	27.4	30.6	29.0	29.8	29.5
2	24.5	22.7	25.5	24.5	27.3	25.2	28.7	27.7	29.5	28.3	30.0	29.1
3	24.5	21.9	25.9	23.7	28.4	26.7	29.1	27.8	29.4	28.3	29.7	28.7
4	24.3	21.2	25.8	24.8	27.8	25.2	29.4	28.0	29.7	28.5	29.1	28.2
5	24.8	22.0	25.7	24.3	28.3	27.0	30.4	28.3	29.7	28.9	28.3	27.7
6	24.8	23.0	27.0	23.9	29.2	27.0	30.3	28.8	29.8	28.7	28.1	27.3
7	25.0	23.7	27.3	23.4	29.1	27.3	30.6	29.0	29.1	28.6	27.8	27.4
8	25.2	23.3	27.4	24.1	30.4	27.6	30.7	29.4	29.6	28.4	27.8	27.3
9	24.6	22.2	27.2	24.2	29.4	28.5	29.4	27.8	28.9	28.2	27.7	27.0
10	24.9	22.0	26.4	24.3	28.5	27.2	27.8	27.3	28.9	28.0	28.5	27.4
11	25.3	23.4	26.8	24.3	28.8	26.1	28.8	27.3	29.5	28.0	28.6	27.1
12	25.8	24.0	28.0	24.5	29.3	28.1	28.5	27.6	29.7	28.3	29.6	26.9
13	25.7	23.8	27.4	25.7	29.4	28.0	28.5	27.7	29.4	28.6	28.4	27.0
14	24.9	23.8	27.2	25.8	29.8	28.3	28.7	27.5	29.7	28.6	28.4	27.3
15	24.3	22.3	27.2	26.1	29.4	28.4	29.9	27.0	29.9	28.7	28.8	27.6
16	23.6	21.2	27.3	25.8	29.3	28.6	29.8	27.9	30.7	28.8	28.7	27.4
17	23.3	20.9	27.4	26.0	29.8	29.3	29.7	28.2	30.2	28.9	28.3	26.6
18	23.3	21.6	27.6	25.3	29.9	29.3	30.0	28.5	30.5	28.9	28.5	27.2
19	23.6	22.6	27.5	24.8	29.6	29.2	30.3	28.7	30.7	29.0	28.7	27.6
20	24.1	23.2	27.3	24.9	30.2	29.1	30.3	28.7	30.3	29.1	28.5	26.1
21	24.4	23.5	27.4	26.7	29.3	28.6	30.7	28.9	30.2	28.8	28.6	26.5
22	24.7	23.6	27.3	26.4	29.1	28.3	30.7	29.3	31.0	28.7	28.3	27.8
23	24.5	23.8	27.3	26.7	29.3	27.2	29.8	29.4	31.3	29.7	28.8	27.5
24	24.1	22.5	26.9	26.2	29.0	27.8	30.0	29.0	31.3	29.7	29.9	27.7
25	23.6	21.9	27.0	26.3	28.9	27.4	30.4	29.0	30.7	29.4	29.1	28.0
26	23.7	22.5	26.8	25.6	29.5	27.4	30.2	29.3	30.4	28.9	29.2	28.3
27	24.4	22.2	26.5	25.4	29.4	28.3	30.0	29.1	30.2	29.0	29.2	27.8
28	24.8	22.6	27.0	25.9	29.8	28.4	30.5	29.1	30.3	28.8	29.6	27.9
29	25.0	23.7	27.3	26.3	28.8	28.0	30.4	29.6	30.0	29.2	29.9	27.8
30	26.3	24.2	27.8	26.2	28.3	27.5	30.5	28.8	30.2	29.7	29.5	27.4
31	---	---	27.6	24.3	---	---	30.1	28.8	30.3	29.7	---	---
MONTH	26.3	20.9	28.0	23.2	30.4	25.2	30.7	27.0	31.3	28.0	30.0	26.1

02304515 HILLSBOROUGH RIVER AT HANNA'S WHIRL AT TAMPA, FL.

WATER-QUALITY RECORDS

LOCATION.--Lat 28° 00'48", long 82° 26'29" (1927 North American datum), in NE$^{1}/_{4}$ sec.30, T.28 S., R.19 E., Hillsborough County, Hydrologic Unit 03100205, attached to a private boat dock on left bank, 4,500 ft upstream from the Nebraska Avenue bridge, and approximately 1.3 mi downstream from the Hillsborough River Dam.

DRAINAGE AREA.--634 mi^2.

PERIOD OF RECORD.--June 2001 to September 2005 (discontinued).

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located near the surface and 1.0 ft above the bottom.

REMARKS.--Specific conductance and temperature records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 27,100 microsiemens, June 5, 2002; bottom sensor maximum, 30,700 microsiemens, July 16, 2001; top sensor minimum, 108 microsiemens, Sept. 22, 2001; bottom sensor minimum, 97 microsiemens, Sept. 3, 2003.

TEMPERATURE.--Top sensor maximum, 32.3° C, June 16, 2001, July 10, 11, 2004; bottom sensor maximum, 32.0° C, July 10, 2004; top sensor minimum, 11.3° C, Jan. 25, 2003; bottom sensor minimum, 11.1° C, Jan. 25, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 18,300 microsiemens, Feb. 19; bottom sensor maximum, 20,700 microsiemens, Feb. 19, 20; top sensor minimum, 133 microsiemens, June 23; bottom sensor minimum, 128 microsiemens, June 23.

TEMPERATURE.--Top sensor maximum, 31.4° C, Aug. 22, 24; bottom sensor maximum, 31.0° C, Aug. 22, 24; top sensor minimum, 14.0° C, Dec. 28; bottom sensor minimum, 13.7° C, Dec. 28.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	199	187	254	232	470	320	1,580	1,150	5,880	394	4,230	2,890
2	204	192	364	236	385	320	1,260	1,140	7,320	533	3,920	3,080
3	210	186	565	364	375	322	1,260	1,100	8,830	569	3,740	3,130
4	203	175	620	540	372	323	1,200	383	6,220	1,200	3,430	1,690
5	192	172	613	260	374	322	1,850	341	11,200	1,300	1,850	877
6	179	162	655	584	372	323	3,140	343	15,300	1,320	1,390	1,100
7	178	167	621	572	350	325	2,780	403	15,400	2,260	2,630	1,000
8	177	166	614	585	356	325	3,230	356	13,900	3,080	2,760	426
9	171	160	628	603	368	323	4,540	471	15,900	3,020	577	384
10	172	162	664	276	367	318	5,250	725	12,600	3,350	446	393
11	191	168	329	264	384	318	5,580	954	9,330	2,710	437	400
12	180	163	324	266	548	319	7,230	1,160	8,150	2,290	456	397
13	185	170	325	267	1,020	326	7,420	1,250	9,680	2,450	432	396
14	183	175	336	271	391	265	7,200	371	8,730	2,580	446	343
15	198	171	323	274	336	319	626	356	7,120	2,580	422	381
16	193	181	356	279	350	319	463	354	8,490	3,180	409	327
17	198	188	356	282	353	319	424	354	7,120	3,650	384	284
18	211	192	360	283	954	329	433	350	14,700	3,720	419	355
19	217	202	376	286	2,780	783	2,570	333	18,300	4,280	406	357
20	237	208	354	291	2,110	1,810	3,380	356	15,700	5,310	380	351
21	231	214	357	293	4,210	1,930	1,260	383	15,300	5,940	393	347
22	224	206	484	297	8,980	2,160	662	350	13,200	6,500	390	347
23	232	211	631	309	10,100	2,680	613	350	12,200	6,400	403	325
24	234	217	700	307	7,650	2,220	423	348	12,700	6,270	404	343
25	242	219	592	308	6,490	1,650	392	350	12,500	5,650	417	344
26	239	222	351	306	7,560	1,670	399	352	10,600	5,320	385	343
27	243	226	354	311	2,260	1,380	415	353	10,200	3,660	383	342
28	256	231	384	312	2,200	562	397	351	6,370	2,950	354	337
29	260	232	364	314	2,260	648	401	356	---	---	---	---
30	263	238	375	316	2,930	1,180	484	358	---	---	---	---
31	255	234	---	---	3,140	1,350	1,480	359	---	---	---	---
MONTH	263	160	700	232	10,100	265	7,420	333	18,300	394	---	---

02304515 HILLSBOROUGH RIVER AT HANNA'S WHIRL AT TAMPA, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	1,150	667	3,810	1,940	258	239	245	219	430	285
2	---	---	986	734	2,970	1,810	247	224	233	223	300	282
3	---	---	1,860	986	1,940	1,080	227	214	232	218	298	280
4	---	---	2,440	1,320	1,300	436	220	208	---	---	282	244
5	---	---	2,180	926	489	435	217	209	---	---	244	205
6	1,880	334	1,150	372	492	345	---	---	221	201	207	189
7	3,650	450	401	376	366	343	---	---	232	212	197	185
8	3,270	389	437	379	389	349	---	---	243	221	198	185
9	1,670	350	401	380	378	242	---	---	244	185	204	190
10	1,400	368	395	381	352	343	---	---	241	232	208	191
11	2,310	483	390	381	353	317	---	---	235	218	208	195
12	3,090	572	400	378	356	311	---	---	230	213	212	197
13	2,080	1,030	468	379	331	318	---	---	220	210	217	203
14	2,250	1,400	2,790	383	329	322	---	---	223	150	218	206
15	3,000	1,740	4,610	538	332	320	222	199	231	187	221	209
16	5,690	1,990	4,840	1,010	322	283	217	205	237	223	224	212
17	5,990	2,320	4,990	1,210	286	261	225	200	235	155	1,920	220
18	8,890	2,870	6,850	1,920	262	254	218	208	360	226	3,540	423
19	10,800	3,520	9,590	2,900	260	251	220	209	401	353	3,860	1,010
20	11,600	4,150	11,100	3,800	261	253	222	210	481	369	3,020	1,100
21	12,000	4,830	10,800	4,290	266	256	219	209	650	465	2,260	503
22	11,100	4,700	9,650	4,400	280	259	217	208	721	364	630	436
23	11,200	4,150	9,850	4,180	270	133	221	210	410	366	549	268
24	8,050	3,760	8,990	4,000	270	257	221	147	414	378	288	249
25	7,940	3,740	8,270	4,110	266	258	220	207	511	402	445	251
26	9,300	2,540	9,380	4,100	275	259	221	211	579	501	2,640	328
27	5,200	2,440	10,100	4,260	269	229	229	215	600	540	5,200	489
28	3,970	2,570	9,270	4,130	270	198	228	173	590	449	6,600	427
29	3,500	1,330	7,480	4,040	269	224	224	187	469	393	3,820	320
30	1,330	799	7,460	3,800	265	165	221	207	420	395	2,730	344
31	---	---	4,860	2,300	---	---	227	212	432	407	---	---
MONTH	---	---	11,100	372	3,810	133	---	---	---	---	6,600	185

02304515 HILLSBOROUGH RIVER AT HANNA'S WHIRL AT TAMPA, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	208	191	256	234	378	319	1,620	1,160	7,050	386	4,630	3,340
2	211	195	369	235	367	319	1,240	1,130	9,790	554	4,280	3,360
3	215	185	562	365	364	320	1,280	1,100	10,500	991	3,960	3,290
4	208	179	617	536	374	322	1,210	391	8,850	1,300	3,860	1,770
5	196	169	611	261	374	321	3,420	339	14,600	1,300	2,750	1,280
6	186	163	651	590	358	322	4,100	341	17,900	1,420	2,150	1,090
7	187	169	619	569	343	323	3,830	381	18,500	2,840	2,990	1,020
8	181	170	609	581	350	321	3,940	347	17,900	6,770	3,220	426
9	177	162	622	599	359	321	4,840	361	19,800	6,660	593	383
10	176	166	659	274	355	315	5,430	681	16,500	5,690	427	391
11	194	173	314	264	374	316	6,160	859	11,000	3,220	425	397
12	182	162	316	266	778	318	7,740	1,210	10,200	2,770	429	395
13	185	170	348	266	1,080	324	8,070	1,300	11,200	3,710	431	395
14	184	174	346	271	388	318	7,700	368	11,100	5,150	431	379
15	194	166	349	275	336	319	620	355	10,800	7,630	404	375
16	200	182	353	278	342	318	454	353	11,400	4,140	398	347
17	201	187	334	282	350	318	430	352	13,100	6,960	373	293
18	216	192	336	285	1,720	324	393	350	18,200	4,080	399	353
19	227	200	323	286	3,540	833	5,460	350	20,700	4,800	404	355
20	245	210	362	291	2,330	1,850	6,590	359	20,700	14,200	382	349
21	235	214	362	293	6,950	2,000	9,060	426	18,900	11,800	384	344
22	230	207	653	295	11,600	2,180	10,800	360	15,600	9,550	371	342
23	233	211	801	309	12,800	2,890	633	350	13,700	7,040	387	332
24	235	216	1,610	307	9,140	2,710	406	348	14,200	7,700	382	340
25	244	219	704	306	6,950	1,840	381	348	13,300	6,260	429	342
26	245	223	346	305	7,830	1,840	366	349	11,900	5,540	371	341
27	250	227	349	310	2,380	1,060	368	351	11,000	4,410	377	339
28	258	233	378	311	2,510	388	362	349	7,840	3,530	353	335
29	265	234	360	313	2,480	635	401	351	---	---	355	334
30	275	239	370	315	3,740	1,670	519	354	---	---	364	335
31	255	235	---	---	4,640	1,360	2,080	357	---	---	360	335
MONTH	275	162	1,610	234	12,800	315	10,800	339	20,700	386	4,630	293
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	354	334	1,600	626	4,180	2,040	262	237	240	215	427	295
2	346	294	997	728	3,250	1,880	264	225	235	218	303	294
3	351	331	1,900	997	1,960	1,060	242	212	230	211	303	287
4	357	331	2,860	1,350	1,240	412	222	205	---	---	290	251
5	350	330	3,240	859	449	402	217	207	---	---	253	214
6	2,270	330	1,170	367	450	191	---	---	224	201	216	194
7	4,090	488	398	371	359	321	---	---	234	214	212	191
8	3,780	389	449	374	377	340	---	---	248	223	204	191
9	1,800	347	405	376	368	233	---	---	248	178	208	195
10	1,820	363	390	377	344	334	---	---	245	233	213	197
11	2,540	474	389	378	347	306	---	---	239	220	216	200
12	3,720	612	396	375	366	304	---	---	230	215	216	203
13	2,320	1,140	495	375	325	312	---	---	223	211	220	205
14	2,870	1,420	3,370	376	324	315	---	---	226	130	---	---
15	3,680	1,850	5,900	551	328	313	221	195	234	181	---	---
16	6,730	2,530	5,610	1,020	314	278	216	202	239	224	---	---
17	7,230	2,710	6,810	1,240	283	257	225	195	238	150	---	---
18	10,200	3,240	9,270	1,970	259	245	214	201	362	227	---	---
19	12,600	3,930	11,900	4,150	264	246	220	202	394	357	---	---
20	13,800	5,090	13,700	6,670	260	249	220	203	477	371	---	---
21	13,700	6,140	11,900	4,510	262	251	218	201	653	460	---	---
22	11,800	5,310	10,800	4,520	262	255	221	201	719	341	---	---
23	11,800	5,000	10,700	4,360	266	128	217	203	406	369	---	---
24	9,070	3,910	9,570	4,410	270	256	216	138	409	379	---	---
25	8,680	3,880	8,830	4,220	269	258	215	201	505	398	---	---
26	9,770	2,650	10,600	4,220	293	257	217	206	571	494	---	---
27	5,640	2,560	12,000	4,410	268	234	227	210	595	537	---	---
28	4,260	2,710	10,300	4,380	269	177	223	178	585	455	---	---
29	3,980	1,340	9,150	4,240	269	194	219	175	463	388	---	---
30	1,490	793	9,340	3,980	276	146	218	202	415	400	---	---
31	---	---	8,780	2,820	---	---	227	208	430	404	---	---
MONTH	13,800	294	13,700	367	4,180	128	---	---	---	---	---	---

02304515 HILLSBOROUGH RIVER AT HANNA'S WHIRL AT TAMPA, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	28.6	26.4	26.0	24.7	22.4	21.4	19.6	18.7	19.1	16.8	21.5	20.6
2	29.2	26.9	26.3	25.0	22.0	21.0	19.6	18.6	18.9	17.0	21.0	19.5
3	29.5	27.6	26.3	25.0	21.1	20.4	19.7	18.7	20.2	18.0	20.0	18.3
4	28.5	27.4	26.0	24.6	20.6	19.5	19.7	18.6	19.3	16.5	20.0	17.9
5	28.4	27.2	25.4	24.4	20.7	19.0	19.8	18.7	19.6	15.9	20.5	18.2
6	27.8	26.9	25.1	23.1	21.0	19.4	20.5	19.2	19.8	16.4	20.6	18.1
7	27.2	26.4	24.8	22.7	21.1	20.2	20.6	19.2	19.9	17.2	20.6	18.8
8	27.2	25.9	24.3	22.1	21.6	20.4	21.6	19.9	20.6	17.6	20.7	19.6
9	27.1	25.9	23.2	22.1	22.0	20.8	22.1	20.6	21.1	18.1	19.8	17.6
10	26.6	26.0	23.2	22.0	22.3	21.6	22.4	20.9	20.7	19.0	19.7	17.2
11	26.3	25.3	23.4	22.1	22.0	20.2	22.7	21.5	19.5	16.9	19.1	16.9
12	25.8	24.9	23.4	22.6	20.2	18.3	22.7	21.4	18.5	16.6	19.3	17.3
13	25.6	25.2	23.6	22.7	19.9	17.9	22.7	21.8	19.3	16.7	20.0	18.2
14	25.6	24.9	23.7	22.7	18.8	17.5	22.7	20.7	20.2	17.9	20.8	19.3
15	25.1	24.2	22.9	21.7	17.5	15.6	20.8	19.3	21.3	19.5	21.2	20.3
16	24.6	23.5	22.5	21.4	17.1	15.1	19.5	18.1	21.7	20.3	21.7	20.7
17	24.6	23.5	22.3	21.2	17.0	16.2	18.1	16.5	22.1	20.9	21.0	20.1
18	24.0	23.1	22.1	20.9	18.9	16.4	17.4	15.1	21.8	20.1	21.3	19.6
19	24.3	23.3	22.3	21.2	19.2	17.5	16.2	15.1	21.3	19.0	21.3	19.1
20	24.3	23.6	22.6	21.3	18.0	16.6	16.7	15.0	21.8	19.3	21.4	18.1
21	25.3	24.0	22.9	22.1	17.4	16.0	17.2	15.4	22.3	20.2	20.8	19.8
22	25.8	24.3	23.3	22.2	18.9	16.6	17.2	16.2	23.0	21.3	22.3	20.3
23	26.0	24.4	23.1	22.3	20.0	18.6	17.2	16.2	23.6	22.2	22.0	21.0
24	25.5	24.1	23.4	22.7	20.0	18.8	16.2	14.1	23.0	22.4	22.0	20.8
25	25.9	24.5	23.5	22.1	19.1	16.5	16.1	14.2	23.0	22.4	22.7	21.4
26	25.7	24.3	22.1	20.5	18.9	16.2	16.3	14.6	22.5	21.8	23.7	22.1
27	25.8	24.2	21.6	20.7	16.3	14.9	17.4	15.5	22.1	20.9	24.3	22.6
28	25.5	24.0	22.4	20.8	16.9	14.0	17.1	15.7	21.9	20.9	24.5	21.9
29	25.6	24.0	21.9	20.1	17.7	14.9	17.0	15.9	---	---	---	---
30	25.5	24.1	22.5	20.6	19.8	16.9	17.9	16.6	---	---	---	---
31	25.7	24.1	---	---	19.4	18.5	18.4	16.8	---	---	---	---
MONTH	29.5	23.1	26.3	20.1	22.4	14.0	22.7	14.1	23.6	15.9	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	25.7	23.8	26.6	26.0	27.9	27.3	30.1	28.9	29.6	29.3
2	---	---	25.9	24.2	26.4	25.5	28.5	27.7	29.6	28.2	29.9	28.9
3	---	---	26.6	25.0	27.6	25.9	28.9	27.6	29.6	28.1	29.7	28.6
4	---	---	25.7	24.7	27.4	26.3	29.3	27.8	---	---	29.2	28.1
5	---	---	25.1	24.3	28.1	26.8	30.2	28.2	---	---	28.2	27.6
6	24.9	22.3	26.0	23.8	29.0	26.8	---	---	29.6	28.4	28.1	27.2
7	24.3	23.5	26.4	23.6	29.0	27.1	---	---	29.2	28.3	27.8	27.3
8	24.9	23.5	26.4	24.8	29.9	27.2	---	---	29.3	28.2	27.7	27.2
9	25.4	23.3	26.7	24.5	28.9	27.9	---	---	28.8	28.1	27.7	26.9
10	25.3	23.0	26.0	24.1	28.3	27.4	---	---	28.8	27.8	28.7	27.2
11	25.4	23.2	26.4	24.0	28.7	27.0	---	---	29.5	27.8	29.3	27.3
12	24.9	23.6	27.4	24.2	29.0	27.9	---	---	29.6	28.0	28.9	27.1
13	25.2	23.5	27.3	26.0	29.4	27.9	---	---	29.3	28.5	28.7	26.9
14	24.9	23.4	26.9	25.2	29.7	28.1	---	---	29.8	28.3	28.6	26.9
15	24.3	22.6	26.4	25.3	29.5	28.1	29.7	27.1	29.8	28.6	28.8	27.3
16	23.5	21.4	27.9	25.2	29.4	28.2	29.7	27.7	30.5	28.6	28.6	27.2
17	23.3	20.5	28.5	25.7	29.7	28.9	29.7	28.1	30.4	28.8	29.0	27.5
18	24.1	20.8	28.6	26.1	29.7	29.0	29.9	28.3	30.1	28.8	28.8	27.4
19	24.6	21.9	28.1	25.8	29.9	29.0	30.1	28.5	30.5	28.8	28.9	27.3
20	24.9	22.7	28.6	25.7	30.1	28.9	30.2	28.6	30.7	29.1	28.7	27.4
21	24.6	22.7	28.4	25.9	29.2	28.4	30.5	28.8	30.6	28.8	28.4	27.2
22	24.9	22.9	28.4	26.3	28.9	28.1	30.3	29.1	31.4	28.6	28.3	27.7
23	24.2	23.1	28.2	26.3	29.1	26.6	29.6	29.3	31.2	29.5	28.5	27.5
24	24.3	22.3	27.5	26.3	29.0	27.6	29.9	27.7	31.4	29.4	29.2	27.9
25	24.1	21.5	28.4	26.4	28.8	27.2	30.3	28.8	30.8	29.2	30.2	28.2
26	23.3	22.1	27.5	26.1	29.3	27.2	30.2	29.2	30.8	28.9	29.1	27.2
27	23.7	22.2	27.7	25.6	29.0	28.0	30.0	29.0	29.8	28.9	30.0	26.6
28	24.0	21.9	28.1	26.1	29.8	28.1	30.3	29.1	30.0	28.8	29.2	26.7
29	25.6	22.8	27.8	26.4	28.7	27.8	30.3	28.9	30.2	29.1	29.4	26.9
30	25.8	24.0	28.9	26.3	28.2	27.0	30.4	28.7	30.3	29.6	29.7	27.7
31	---	---	27.8	25.2	---	---	30.0	28.6	30.2	29.4	---	---
MONTH	---	---	28.9	23.6	30.1	25.5	---	---	---	---	30.2	26.6

02304515 HILLSBOROUGH RIVER AT HANNA'S WHIRL AT TAMPA, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	28.3	26.1	25.6	24.3	22.0	21.0	19.1	18.3	18.9	16.5	21.2	20.2
2	28.7	26.6	25.9	24.7	21.6	20.6	19.1	18.2	19.0	16.7	20.7	19.2
3	29.2	27.3	25.9	24.7	20.8	20.0	19.2	18.3	19.8	17.8	19.7	18.1
4	28.2	27.1	25.6	24.3	20.2	19.2	19.3	18.2	19.7	17.7	19.4	17.7
5	28.1	26.9	25.1	24.1	20.3	18.7	19.2	18.4	19.6	15.3	19.8	18.0
6	27.5	26.6	24.7	22.8	20.6	19.0	20.0	18.9	19.6	15.8	20.1	17.8
7	26.8	26.1	24.5	22.4	20.7	19.9	20.2	18.8	19.5	16.9	20.2	18.5
8	26.8	25.5	24.0	21.7	21.2	20.0	21.1	19.6	19.7	18.3	20.3	19.2
9	26.8	25.5	22.9	21.8	21.6	20.4	21.7	20.2	20.0	18.5	19.4	17.2
10	26.3	25.7	22.9	21.7	21.9	21.3	22.1	20.6	20.2	19.1	19.2	16.9
11	25.9	24.9	23.0	21.8	21.7	19.8	22.4	21.2	19.6	16.7	18.7	16.6
12	25.5	24.6	23.1	22.2	19.8	17.7	22.3	21.1	18.8	16.4	18.9	16.9
13	25.3	24.9	23.2	22.4	18.9	17.6	22.4	21.5	19.0	17.2	19.7	17.8
14	25.3	24.6	23.3	22.3	18.5	17.2	22.4	20.5	19.2	18.1	20.4	18.9
15	24.8	23.8	22.6	21.4	17.2	15.2	20.6	19.0	19.9	19.1	20.8	20.0
16	24.3	23.2	22.1	21.1	16.7	14.8	19.0	17.8	20.7	19.7	21.2	20.3
17	24.2	23.1	21.9	20.8	16.7	15.8	17.8	16.2	20.7	20.2	20.7	19.7
18	23.6	22.7	21.6	20.4	18.4	16.1	16.4	14.7	21.4	20.6	20.6	19.3
19	24.0	23.0	21.7	20.8	18.6	17.1	17.5	14.8	21.1	19.6	20.6	18.8
20	24.0	23.3	22.2	21.0	17.8	16.3	17.5	14.8	21.0	20.1	21.0	17.8
21	24.9	23.7	22.4	21.8	17.5	15.7	18.1	15.1	21.8	20.7	20.4	19.4
22	25.5	24.0	22.9	21.9	19.0	16.7	18.5	15.8	22.5	21.2	21.9	19.9
23	25.6	24.1	22.7	21.9	19.6	18.7	16.8	15.9	23.1	21.9	21.6	20.7
24	25.2	23.8	23.0	22.3	19.6	18.5	15.9	13.8	22.7	22.2	21.7	20.5
25	25.5	24.2	23.0	21.7	19.1	16.6	15.6	13.9	22.5	22.2	22.3	21.1
26	25.3	23.9	21.7	20.2	18.6	15.9	15.9	14.2	22.4	21.6	23.4	21.7
27	25.5	23.9	21.2	20.4	16.0	13.8	16.9	15.1	21.9	20.9	23.9	22.2
28	25.2	23.7	21.8	20.4	15.9	13.7	16.8	15.3	21.4	20.6	24.0	21.6
29	25.3	23.7	21.6	19.7	17.0	14.6	16.6	15.5	---	---	23.9	21.3
30	25.1	23.8	22.0	20.2	19.1	16.6	17.5	16.3	---	---	23.4	20.3
31	25.4	23.8	---	---	19.0	18.2	18.0	16.5	---	---	24.0	22.2
MONTH	29.2	22.7	25.9	19.7	22.0	13.7	22.4	13.8	23.1	15.3	24.0	16.6
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.7	22.8	25.4	23.4	26.3	25.7	27.6	26.9	29.8	28.6	29.3	28.9
2	24.8	22.2	24.8	23.9	26.1	25.3	28.2	27.3	29.3	27.9	29.5	28.6
3	23.6	21.3	26.0	24.7	27.3	25.7	28.6	27.3	29.3	27.8	29.4	28.2
4	23.2	20.4	25.4	24.4	27.1	25.8	29.0	27.5	---	---	28.8	27.7
5	23.7	21.2	24.8	23.8	27.8	26.5	29.9	27.8	---	---	27.9	27.2
6	24.5	22.6	25.7	23.5	28.7	26.5	---	---	29.3	28.1	27.8	26.9
7	23.9	23.2	26.1	23.3	28.7	26.8	---	---	28.8	28.0	27.5	26.9
8	24.5	23.2	26.2	24.5	29.6	26.9	---	---	29.0	27.9	27.4	26.8
9	24.9	22.8	26.5	24.2	28.4	27.3	---	---	28.5	27.8	27.4	26.5
10	24.9	22.8	25.7	23.8	28.0	27.1	---	---	28.5	27.5	28.3	26.8
11	24.9	23.0	26.1	23.8	28.4	26.5	---	---	29.1	27.5	28.9	26.9
12	24.7	23.3	27.1	23.9	28.4	27.6	---	---	29.3	27.7	28.6	26.8
13	24.9	23.4	27.0	25.7	29.0	27.5	---	---	29.0	28.1	28.3	26.6
14	24.1	23.0	26.5	24.9	29.4	27.8	---	---	29.4	27.8	---	---
15	23.7	22.3	26.1	25.0	29.2	27.8	29.4	26.8	29.5	28.2	---	---
16	22.8	21.3	26.4	25.0	29.1	27.9	29.4	27.3	30.2	28.2	---	---
17	22.7	20.5	26.1	25.5	29.4	28.6	29.4	27.8	30.0	28.4	---	---
18	22.8	21.0	26.3	25.5	29.4	28.7	29.6	28.0	29.8	28.5	---	---
19	23.5	22.0	27.0	25.8	29.5	28.7	29.9	28.2	30.1	28.4	---	---
20	23.9	23.0	27.1	26.1	29.8	28.5	29.8	28.2	30.4	28.7	---	---
21	24.2	22.9	27.6	26.0	28.8	28.1	30.2	28.4	30.3	28.4	---	---
22	24.5	22.8	27.8	26.2	28.6	27.8	30.0	28.8	31.0	28.2	---	---
23	23.8	22.9	27.8	26.3	28.7	26.2	29.3	28.9	30.8	29.2	---	---
24	24.0	22.3	27.0	26.2	28.7	27.3	29.6	27.3	31.0	29.1	---	---
25	23.6	21.5	28.1	26.2	28.5	26.9	30.0	28.4	30.5	28.9	---	---
26	23.0	21.9	26.7	25.8	28.9	27.0	29.9	28.9	30.4	28.6	---	---
27	23.3	21.9	26.8	25.8	28.7	27.7	29.7	28.6	29.5	28.6	---	---
28	23.7	21.6	27.3	26.0	29.5	27.7	29.9	28.8	29.7	28.5	---	---
29	25.2	22.5	27.2	26.3	28.4	27.3	29.9	28.6	29.9	28.7	---	---
30	25.5	23.5	27.7	26.4	27.9	26.3	30.0	28.4	29.9	29.2	---	---
31	---	---	27.5	25.0	---	---	29.6	28.3	29.8	29.1	---	---
MONTH	25.5	20.4	28.1	23.3	29.8	25.3	---	---	---	---	---	---

02304520 HILLSBOROUGH RIVER AT SULPHUR SPRINGS, FL.

LOCATION.--Lat 28°01'10", long 82°27'07" (1927 North American datum), in NE$^{1}/_{4}$ sec.25, T.28 S., R.18 E., Hillsborough County, Hydrologic Unit 03100205, on left bank, on private dock on East Hollywood Boulevard, 100 ft downstream from Nebraska Avenue in Sulphur Springs, and 2.0 mi downstream from control structure for Tampa Reservoir.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 2000 to September 2003 (gage heights only); October 2003 to current year (tidal high-high and low-low only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Interruptions in record were due to days in which a tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low. The extremes for period of record published previously as maximum and minimum gage heights are equivalent to tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 4.92 ft, July 23, 2001; minimum, 3.37 ft below NGVD, December 15, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 4.67 ft, July 10; minimum, 3.37 ft below NGVD, December 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	---	---	---	---	---	---	---	---	2.18		-1.06		1.31		-1.18		2.41		-0.54		1.26		-0.56	
2	---	---	---	---	---	---	---	---	1.69		-0.89		1.46		-0.87		2.20		-0.58		1.28		-0.94	
3	---	---	---	---	---	---	---	---	1.39		-1.24		1.44		-0.97		1.59		-0.83		1.17		-1.39	
4	---	---	---	---	---	---	---	---	1.30		-1.16		1.54		-0.67		1.16		-1.35		1.56		-1.53	
5	---	---	---	---	---	---	---	---	1.37		-0.99		1.77		-0.95		1.96		-1.82		1.13		-1.59	
6	---	---	---	---	---	---	---	---	1.71		-0.46		1.92		-1.33		1.41		-1.80		1.80		-1.78	
7	---	---	---	---	---	---	---	---	2.03		-0.63		1.99		-1.44		1.33		-1.48		1.28		-1.53	
8	---	---	---	---	---	---	---	---	1.83		-0.69		2.11		-1.71		2.95		-0.91		2.79		-0.13	
9	---	---	---	---	---	---	---	---	1.70		-1.30		0.69		-2.00		3.23		-0.72		0.92		-1.75	
10	---	---	---	---	---	---	---	---	2.59		-0.87		2.12		-1.98		3.24		-0.36		1.81		-1.46	
11	---	---	---	---	---	---	---	---	2.48		-1.17		2.28		-1.74		1.32		-1.47		2.13		-0.74	
12	---	---	---	---	---	---	---	---	1.83		-2.36		2.64		-1.33		1.47		-0.97		1.46		-1.13	
13	---	---	---	---	---	---	---	---	2.27		-1.88		2.56		-0.60		2.50		0.00		2.00		-0.86	
14	---	---	---	---	---	---	---	---	2.28		-1.96		2.92		-1.09		2.16		-0.05		1.69		-0.21	
15	---	---	---	---	---	---	---	---	-0.09		-3.37		0.60		-1.56		2.00		-0.13		1.74		-1.24	
16	---	---	---	---	1.89		-1.47		0.45		-2.19		0.35		-1.37		2.06		-0.61		2.36		-1.21	
17	---	---	---	---	2.21		-1.11		1.00		-1.44		0.64		-1.73		1.86		-0.41		2.00		-0.54	
18	---	---	---	---	1.82		-0.80		1.14		-0.96		0.68		-1.81		1.24		-1.43		0.86		-0.89	
19	---	---	---	---	1.87		-0.51		1.22		-0.85		1.51		-1.86		1.50		-1.63		0.82		-1.49	
20	---	---	---	---	1.97		-0.21		0.64		-1.28		2.16		-1.54		1.16		-1.37		1.76		-1.42	
21	---	---	---	---	1.75		-0.06		1.57		-1.41		2.30		-0.89		1.91		-1.15		1.31		-1.13	
22	---	---	---	---	1.90		-0.34		2.28		-1.47		1.49		-0.99		2.05		-1.12		2.14		-0.77	
23	---	---	---	---	2.25		-0.37		2.13		-0.69		2.84		-1.47		1.93		-1.12		2.16		-0.75	
24	---	---	---	---	3.61		-0.28		1.62		-1.50		0.51		-2.17		2.15		-0.60		2.30		-0.87	
25	---	---	---	---	1.55		0.36		1.04		-1.95		1.72		-1.44		2.12		-0.87		1.98		-0.73	
26	---	---	---	---	1.75		-1.49		3.85		-1.51		2.29		-0.77		1.47		-1.04		1.96		-0.81	
27	---	---	---	---	3.29		-1.10		0.20		-2.37		2.32		-0.99		3.48		-0.08		2.66		-0.44	
28	---	---	---	---	1.01		-1.05		0.57		-2.28		1.90		-1.23		2.17		0.11		2.40		0.70	
29	---	---	---	---	1.71		-1.37		1.23		-1.73		1.65		-0.79		---		---		1.86		-0.81	
30	---	---	---	---	2.00		-1.15		1.58		-1.63		2.26		0.07		---		---		1.91		-1.22	
31	---	---	---	---	---	---	---	---	1.71		-1.18		1.81		-0.32		---		---		2.54		-1.28	
MAX	---	---	---	---	---	---	---	---	3.85		-0.46		2.92		0.07		3.48		0.11		2.79		0.70	
MIN	---	---	---	---	---	---	---	---	-0.09		-3.37		0.35		-2.17		1.16		-1.82		0.82		-1.78	

02304520 HILLSBOROUGH RIVER AT SULPHUR SPRINGS, FL.—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	APRIL HIGH	APRIL LOW	MAY HIGH	MAY LOW	JUNE HIGH	JUNE LOW	JULY HIGH	JULY LOW	AUGUST HIGH	AUGUST LOW	SEPTEMBER HIGH	SEPTEMBER LOW
1	2.69	-1.31	2.69	-1.01	2.35	0.05	2.30	-0.05	2.33	-0.68	2.51	-0.55
2	1.49	-0.38	1.67	-0.82	2.43	-0.44	2.74	0.33	2.42	-0.65	2.74	-0.17
3	1.24	-2.03	1.47	-1.04	2.44	-0.35	1.81	0.19	2.46	-0.82	2.35	-0.03
4	1.56	-1.73	2.28	-0.70	2.45	-0.67	2.59	0.03	2.47	-0.95	2.17	0.16
5	1.52	-1.29	2.57	-0.41	2.47	-1.10	2.76	-0.01	2.44	-0.82	2.02	0.23
6	2.09	-0.96	1.52	-1.46	2.37	-1.07	3.13	0.19	2.35	-0.76	2.06	0.26
7	2.54	-0.36	1.87	-1.44	2.51	-1.27	2.89	-0.07	2.53	-0.51	2.18	0.32
8	2.57	-0.85	2.54	-1.02	2.36	-1.20	2.93	1.33	2.10	-0.07	2.13	0.13
9	1.79	-1.23	2.54	-1.10	3.10	0.69	3.46	0.10	1.91	-0.11	2.04	-0.02
10	1.93	-1.51	2.58	-1.08	2.02	-0.99	4.67	---	1.92	0.05	2.07	-0.45
11	2.39	-0.98	2.32	0.46	2.80	1.95	2.69	0.92	1.88	0.11	2.00	-0.71
12	2.81	-0.28	2.39	-1.30	2.37	-0.27	2.84	-0.03	2.08	-0.11	2.20	-0.54
13	2.34	0.77	2.22	-1.03	1.46	-0.58	2.81	0.56	2.33	-0.23	2.14	-0.68
14	1.98	-0.88	1.49	-1.11	1.59	-0.25	2.30	0.82	2.27	-0.49	2.87	-0.53
15	1.08	-1.53	1.59	-0.76	1.70	-0.24	2.36	0.29	1.72	-0.86	2.73	-0.65
16	0.97	-1.85	1.63	-0.64	2.01	0.15	2.66	0.37	2.47	-1.05	3.01	-0.51
17	1.12	-1.69	1.46	-0.77	2.34	0.02	2.54	0.02	2.68	-1.11	2.71	-0.46
18	1.25	-1.34	1.62	-0.80	2.51	-0.43	2.79	-0.22	2.94	-1.03	2.69	-0.29
19	1.64	-0.95	1.93	-0.61	2.45	-0.86	2.99	-0.30	3.14	-1.01	2.20	-0.50
20	1.98	-0.70	2.22	-0.46	2.27	-1.17	3.19	-0.28	2.94	-0.77	1.39	-1.48
21	2.21	-0.26	2.51	-0.74	2.57	-1.06	3.38	0.07	2.81	-0.40	2.87	-1.15
22	2.33	-0.27	2.16	-1.25	2.83	-1.25	3.23	-0.14	2.49	-0.25	4.04	-0.06
23	2.84	0.15	2.55	-1.37	4.41	-1.26	2.72	0.68	2.31	-0.18	3.30	0.01
24	1.92	-0.98	2.73	-1.06	2.39	0.51	3.17	-0.26	2.16	-0.32	2.90	-0.22
25	2.29	-1.16	3.13	-1.43	2.68	-1.39	2.08	-0.14	2.03	-1.02	2.07	-0.24
26	3.21	0.66	2.81	---	2.46	-0.97	2.08	0.03	0.72	-1.55	2.05	-0.34
27	2.66	-0.90	2.98	-1.32	2.16	-0.52	2.03	-0.03	2.55	0.59	1.96	-0.27
28	1.97	-1.30	2.58	-1.22	2.21	-0.29	1.94	-0.20	3.35	0.15	2.26	-0.41
29	2.56	-1.37	1.95	-0.93	2.22	0.18	2.12	-0.25	3.11	0.37	2.41	-0.49
30	3.01	-0.88	2.09	-0.66	2.36	0.10	2.12	-0.39	2.87	0.04	2.36	-0.40
31	---	---	2.27	-0.34	---	---	2.27	-0.43	2.54	-0.45	---	---
MAX	3.21	0.77	3.13	---	4.41	1.95	4.67	---	3.35	0.59	4.04	0.32
MIN	0.97	-2.03	1.46	---	1.46	-1.39	1.81	---	0.72	-1.55	1.39	-1.48

02304520 HILLSBOROUGH RIVER AT SULPHUR SPRINGS, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--January to August 1997 (top and bottom sensors); August 1999 to September 2000 (top and bottom sensors); October 2000 to current year (top, middle, and bottom sensors).

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located near the surface, middle, and 1.0 ft above the bottom.

REMARKS.--Records good, except for the period of July 6, 2005 through September 30, 2005, when the middle sensor should be considered poor. Interruptions in record were due to malfunctions of the instruments.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 38,100 microsiemens, Dec. 4, 2000; middle sensor maximum, 38,300 microsiemens, Dec. 6, 7, 2000; bottom sensor maximum, 39,300 microsiemens, Dec. 6, 7, 2000; top sensor minimum, 125 microsiemens, Dec. 20, 2002, Sept. 3, 2003; middle sensor minimum, 127 microsiemens, Dec. 20, 2002; bottom sensor minimum, 125 microsiemens, Dec. 20, 2002.

TEMPERATURE.--Top sensor maximum, 33.5° C, July 7, 1997; middle sensor maximum, 31.0° C, August 24, 2005; bottom sensor maximum, 31.4° C, July 25, 1997; top sensor minimum, 11.4° C, Jan. 25, 2003; middle sensor minimum, 11.5° C, Jan. 25, 26, 2003; bottom sensor minimum, 11.4° C, Jan. 25, 25, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 26,800 microsiemens, Feb. 18; middle sensor maximum, 29,800 microsiemens, Feb. 19; bottom sensor maximum, 30,400 microsiemens, Jan. 22; top sensor minimum, 131 microsiemens, Aug. 7; middle sensor minimum, 199 microsiemens, June 28, July 19; bottom sensor minimum, 156 microsiemens, July 13.

TEMPERATURE.--Top sensor maximum, 31.0° C, Aug. 24; middle sensor maximum, 31.0° C, Aug. 24; bottom sensor maximum, 31.0° C, Aug. 24; top sensor minimum, 14.6° C, Jan. 25; middle sensor minimum, 14.7° C, Jan. 24; bottom sensor minimum, 16.6° C, Dec. 15.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	2,970	477	7,520	2,180	17,800	2,030	6,500	4,290
2	---	---	---	---	1,950	425	11,200	2,160	19,400	2,570	8,190	4,270
3	---	---	---	---	2,040	415	11,300	1,770	19,000	2,580	11,300	4,100
4	---	---	---	---	3,300	411	9,150	1,850	18,400	4,080	16,500	4,530
5	---	---	---	---	2,800	461	7,370	1,890	22,600	4,440	11,700	2,640
6	---	---	---	---	2,780	499	6,820	2,430	24,500	5,330	10,900	2,830
7	---	---	---	---	3,150	517	8,150	2,480	24,500	5,970	10,200	2,700
8	---	---	---	---	2,590	477	7,750	2,630	24,300	6,620	15,500	2,200
9	---	---	---	---	3,190	496	9,020	2,790	24,800	6,230	5,300	956
10	---	---	---	---	3,240	439	13,300	3,780	22,800	5,430	3,860	568
11	---	---	---	---	2,670	407	15,800	4,010	14,200	5,860	3,870	611
12	---	---	---	---	3,730	466	17,200	4,100	14,900	6,460	2,970	559
13	---	---	---	---	4,850	874	13,700	4,060	17,900	5,940	3,210	613
14	---	---	---	---	5,100	374	10,800	2,760	14,800	6,020	2,910	498
15	---	---	---	---	3,230	440	4,670	1,620	15,700	5,520	2,970	475
16	---	---	3,020	308	3,830	436	4,540	1,210	13,700	5,020	2,600	395
17	---	---	3,490	445	10,200	934	7,360	2,110	24,900	5,560	607	365
18	---	---	4,440	698	13,100	1,490	17,000	1,380	26,800	5,710	1,400	373
19	---	---	6,290	864	10,300	1,850	22,200	2,080	23,000	6,840	2,720	460
20	---	---	5,520	1,020	16,300	3,220	23,400	2,960	22,200	7,370	1,470	441
21	---	---	4,350	1,180	18,700	3,550	24,200	2,720	24,200	7,320	913	380
22	---	---	4,980	966	20,300	4,460	23,500	1,610	19,000	6,800	1,130	390
23	---	---	5,200	1,090	19,600	5,110	9,720	1,960	20,800	8,060	976	376
24	---	---	5,120	1,140	16,200	4,650	6,960	1,330	18,900	7,220	1,110	362
25	---	---	4,540	624	13,000	3,930	5,940	1,500	16,100	9,430	1,120	400
26	---	---	2,360	474	13,000	3,750	11,300	1,210	14,400	8,880	1,100	393
27	---	---	3,240	365	5,520	3,210	4,820	1,100	14,300	5,200	1,060	384
28	---	---	3,150	350	5,500	2,930	5,210	887	8,010	4,690	1,220	374
29	---	---	2,750	360	8,440	1,520	6,450	879	---	---	1,160	347
30	---	---	2,980	402	15,200	2,930	5,910	1,130	---	---	1,880	401
31	---	---	---	---	13,200	3,110	11,600	1,290	---	---	2,070	360
MONTH	---	---	---	---	20,300	374	24,200	879	26,800	2,030	16,500	347

02304520 HILLSBOROUGH RIVER AT SULPHUR SPRINGS, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	1,760	379	5,860	1,200	6,090	3,810	264	245	291	188	618	205
2	810	344	4,260	1,460	5,030	3,000	260	226	301	207	435	291
3	751	357	7,290	1,530	3,520	2,120	228	214	---	---	355	264
4	2,020	449	9,060	2,330	2,810	512	218	209	---	---	309	248
5	2,790	519	7,640	2,260	618	471	224	209	415	223	268	209
6	5,360	685	3,610	332	902	411	235	212	413	224	229	189
7	6,250	2,640	3,510	517	714	396	245	212	382	131	207	185
8	6,560	2,290	3,890	676	1,210	403	231	188	396	232	225	185
9	4,640	1,500	2,940	557	1,590	314	244	195	415	241	233	184
10	4,460	1,500	2,250	294	1,320	368	293	218	409	247	429	202
11	6,520	1,920	2,400	294	1,610	393	240	222	388	230	418	236
12	7,940	1,960	2,620	544	1,580	381	240	205	361	231	407	217
13	5,550	2,300	6,780	297	611	318	227	186	371	223	482	256
14	7,390	2,160	7,760	606	417	323	231	208	370	216	574	246
15	14,900	2,850	7,190	2,290	418	321	333	230	444	246	1,060	273
16	14,900	3,610	9,090	3,490	378	286	258	239	467	246	1,840	318
17	17,300	4,340	9,860	3,890	302	267	251	222	803	243	4,570	858
18	17,900	5,180	16,800	4,130	298	256	238	224	993	275	6,760	2,660
19	18,000	6,190	18,800	5,820	313	252	237	217	1,060	403	6,450	3,640
20	18,200	7,160	16,000	6,550	353	259	234	222	857	434	5,540	4,000
21	18,200	7,960	14,700	7,660	431	265	237	224	1,410	514	5,020	2,160
22	15,200	8,570	13,100	4,310	433	271	240	225	1,590	512	3,180	472
23	14,100	8,040	13,900	4,190	691	212	239	224	1,010	430	1,680	501
24	11,500	5,280	13,100	4,340	592	274	265	187	741	412	2,310	379
25	12,800	5,540	16,700	3,400	583	286	253	211	792	446	3,920	208
26	13,300	5,060	17,100	3,110	952	338	245	218	969	562	4,240	441
27	6,920	4,040	17,500	3,340	1,010	266	246	222	1,960	715	4,950	1,880
28	7,070	3,800	13,300	4,320	355	216	245	221	1,960	540	7,040	2,640
29	6,970	2,790	11,800	6,070	285	196	238	218	729	391	5,980	2,480
30	4,440	1,590	12,200	5,890	266	196	237	217	630	404	5,360	2,140
31	---	---	9,150	4,280	---	---	252	220	624	408	---	---
MONTH	18,200	344	18,800	294	6,090	196	333	186	---	---	7,040	184

02304520 HILLSBOROUGH RIVER AT SULPHUR SPRINGS, FL.—Continued

SPECIFIC CONDUCTANCE, (MIDDLE) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	5,150	595	21,400	2,740	18,800	2,770	7,300	4,930
2	---	---	---	---	4,330	552	20,900	3,040	22,400	4,030	14,900	4,920
3	---	---	---	---	7,700	614	21,700	2,820	22,800	8,460	21,400	4,460
4	---	---	---	---	10,500	877	22,500	2,440	24,300	4,820	25,100	5,660
5	---	---	---	---	4,500	629	23,200	2,220	26,100	4,930	24,600	3,960
6	---	---	---	---	5,290	689	23,600	2,670	26,400	5,830	24,500	3,480
7	---	---	---	---	4,820	697	23,600	2,520	26,400	6,710	24,400	3,450
8	---	---	---	---	4,460	588	23,700	2,730	25,600	8,550	23,400	3,060
9	---	---	---	---	3,500	607	22,300	2,720	25,800	9,700	20,100	1,380
10	---	---	---	---	3,390	534	20,200	3,070	25,200	9,790	11,500	637
11	---	---	---	---	3,160	452	20,400	3,490	20,900	7,990	6,000	729
12	---	---	---	---	4,450	407	20,100	4,600	20,400	7,850	3,500	647
13	---	---	---	---	7,800	667	18,900	5,370	21,100	12,400	3,680	690
14	---	---	---	---	7,960	445	16,200	3,220	21,400	10,200	3,130	596
15	---	---	---	---	3,270	585	10,200	1,680	23,300	10,500	4,190	551
16	---	---	3,420	448	6,390	532	14,900	1,270	24,900	10,900	3,880	423
17	---	---	7,550	619	14,500	1,150	16,600	1,200	27,600	12,100	731	385
18	---	---	15,000	1,020	18,300	2,350	22,700	1,390	29,400	8,930	1,950	465
19	---	---	21,100	1,340	20,600	2,920	25,200	2,290	29,800	12,400	4,570	535
20	---	---	22,500	1,520	22,100	3,740	27,600	3,190	29,100	12,100	2,740	548
21	---	---	21,900	1,620	23,800	3,930	28,800	3,460	28,600	13,900	1,700	431
22	---	---	21,100	1,330	24,300	4,790	28,800	3,550	26,600	12,200	1,720	423
23	---	---	20,700	1,460	24,200	6,260	28,500	2,860	25,600	11,800	1,720	406
24	---	---	20,100	1,670	21,000	5,200	20,600	1,690	24,300	12,500	1,560	393
25	---	---	12,000	722	19,500	4,860	20,800	1,610	21,200	11,300	2,020	434
26	---	---	3,800	597	15,500	4,280	21,300	1,440	18,900	10,700	1,740	411
27	---	---	3,550	577	6,100	2,600	21,400	1,360	17,000	6,720	1,580	413
28	---	---	5,160	461	8,130	2,510	17,000	1,300	9,440	6,270	1,370	386
29	---	---	2,910	528	15,400	2,310	10,800	1,210	---	---	1,710	420
30	---	---	5,480	601	21,000	3,570	11,200	1,410	---	---	2,080	433
31	---	---	---	---	22,400	3,920	14,500	1,760	---	---	2,240	467
MONTH	---	---	---	---	24,300	407	28,800	1,200	29,800	2,770	25,100	385
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	2,240	440	6,700	1,600	6,730	4,130	290	253	285	248	605	406
2	1,260	360	9,200	1,590	5,320	3,240	262	233	293	267	483	357
3	1,900	440	11,600	1,730	3,730	2,270	239	220	328	268	361	322
4	8,260	528	15,500	2,680	2,970	633	225	216	509	283	323	291
5	8,260	656	11,100	2,460	1,180	509	234	217	318	301	296	241
6	12,100	914	8,310	895	1,530	442	238	224	335	313	247	210
7	9,070	3,090	9,000	879	1,720	434	236	232	325	295	217	205
8	6,920	2,440	8,620	817	2,020	448	244	233	300	274	220	209
9	5,260	1,620	8,080	764	2,100	325	239	224	337	274	235	215
10	5,810	1,620	11,300	640	1,600	393	241	226	343	282	321	225
11	8,610	2,070	12,500	640	2,080	539	241	227	305	282	393	285
12	11,800	2,500	12,100	708	2,070	434	237	216	289	279	400	336
13	10,000	2,580	18,700	632	1,440	345	228	199	292	276	504	350
14	16,700	2,340	19,900	1,380	476	340	216	203	305	275	1,020	365
15	20,400	3,050	21,200	2,770	422	335	235	205	303	276	753	361
16	21,100	4,330	22,100	4,000	386	305	222	215	369	302	1,530	370
17	22,100	5,980	22,800	4,590	317	284	219	214	474	350	2,940	409
18	22,100	8,160	24,600	4,910	312	269	220	214	604	380	4,110	546
19	23,500	10,600	24,600	7,520	347	265	231	218	818	405	4,160	729
20	24,000	12,000	23,300	8,210	375	272	234	221	627	456	2,110	838
21	23,400	10,900	20,900	8,750	489	282	238	221	1,060	490	4,110	1,010
22	21,800	10,500	18,200	8,160	840	298	231	221	1,280	531	3,220	599
23	19,500	10,200	17,700	7,440	1,490	242	247	218	665	570	916	635
24	15,600	7,660	17,400	6,650	1,320	313	299	216	610	535	1,240	667
25	16,700	6,980	19,900	6,990	1,500	328	274	216	638	577	2,140	705
26	16,100	6,040	22,000	6,820	2,020	380	279	240	879	637	3,820	773
27	8,190	4,260	22,700	7,660	1,560	285	263	249	1,420	877	3,550	905
28	9,520	4,170	20,100	8,100	419	199	256	240	1,270	844	4,550	963
29	11,400	3,330	20,000	8,470	309	202	252	245	1,120	603	6,190	1,100
30	12,300	2,060	19,100	8,570	290	202	248	241	684	573	4,000	1,170
31	---	---	14,700	4,980	---	---	257	248	680	537	---	---
MONTH	24,000	360	24,600	632	6,730	199	299	199	1,420	248	6,190	205

02304520 HILLSBOROUGH RIVER AT SULPHUR SPRINGS, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	15,900	1,720	22,900	21,300	21,000	16,200	8,080	6,260
2	---	---	---	---	16,200	2,990	22,600	21,600	23,300	19,000	17,700	5,640
3	---	---	---	---	19,600	3,040	22,300	20,900	23,700	21,300	22,000	15,400
4	---	---	---	---	20,600	6,140	23,300	21,400	25,900	21,100	26,000	19,300
5	---	---	---	---	17,800	3,950	23,500	21,900	27,000	23,600	25,800	23,100
6	---	---	---	---	19,000	4,310	24,200	22,300	27,200	21,700	25,800	22,600
7	---	---	---	---	19,000	8,330	24,000	22,100	27,100	21,700	25,600	22,100
8	---	---	---	---	17,000	4,160	24,400	20,800	26,400	23,300	24,600	17,100
9	---	---	---	---	13,800	1,920	23,800	11,700	26,700	23,500	22,800	6,870
10	---	---	---	---	4,670	731	22,600	10,100	26,000	22,000	13,900	1,120
11	---	---	---	---	3,250	577	21,500	11,900	23,200	20,400	9,330	1,640
12	---	---	---	---	5,400	581	20,400	14,600	22,000	20,000	3,990	1,220
13	---	---	---	---	9,260	2,430	20,300	15,500	22,200	20,100	4,220	1,510
14	---	---	---	---	9,780	1,070	18,600	5,430	22,500	20,700	3,360	931
15	---	---	---	---	5,880	1,300	15,100	6,400	24,300	21,700	5,180	655
16	---	---	6,470	857	11,800	3,380	17,300	13,700	25,800	23,300	10,100	403
17	---	---	10,700	2,150	15,900	9,980	17,900	12,100	27,700	24,300	923	365
18	---	---	19,600	10,300	20,600	15,300	22,800	15,300	29,400	26,500	3,420	474
19	---	---	22,500	19,600	21,700	19,400	25,700	21,400	30,300	27,800	9,040	2,300
20	---	---	23,700	21,600	22,800	19,400	27,900	23,700	30,200	28,400	12,500	1,310
21	---	---	23,700	22,700	24,300	21,500	29,900	26,700	29,800	27,100	2,910	434
22	---	---	23,600	22,100	24,300	21,900	30,400	28,200	28,700	25,300	2,230	392
23	---	---	22,600	20,900	24,300	20,100	29,500	8,380	27,000	24,000	2,210	342
24	---	---	22,000	19,100	22,600	19,000	23,100	13,200	25,300	22,100	1,910	333
25	---	---	20,100	4,900	21,100	7,740	23,300	18,900	22,700	18,100	2,140	381
26	---	---	15,300	1,770	16,500	4,710	23,000	20,800	20,100	16,300	2,110	371
27	---	---	5,700	814	7,880	4,030	23,200	19,000	18,500	8,780	1,970	341
28	---	---	7,730	782	9,040	4,800	22,100	15,300	11,300	6,720	1,810	350
29	---	---	6,330	1,020	19,700	8,350	18,900	10,400	---	---	1,880	399
30	---	---	14,600	1,070	22,900	19,700	13,700	11,100	---	---	2,720	449
31	---	---	---	---	23,600	21,200	17,000	12,000	---	---	2,870	450
MONTH	---	---	---	---	24,300	577	30,400	5,430	30,300	6,720	26,000	333
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	2,800	356	13,900	2,060	6,650	4,700	289	256	473	258	2,690	379
2	1,840	297	9,320	2,540	5,440	3,130	272	234	393	247	783	311
3	3,250	391	13,300	8,560	3,830	2,240	241	220	740	271	433	298
4	13,700	532	16,800	12,600	3,020	585	229	216	924	250	364	275
5	16,300	5,410	14,900	5,980	1,880	477	244	217	1,040	280	309	221
6	17,500	7,730	12,500	4,720	2,030	425	240	215	1,840	261	251	202
7	14,700	4,370	13,400	4,710	2,040	400	245	222	569	240	241	204
8	6,890	2,840	11,500	2,140	2,320	427	258	215	515	250	243	207
9	5,130	2,290	13,300	1,660	2,410	318	259	197	572	266	264	218
10	5,690	2,410	14,800	937	2,020	389	431	224	609	269	497	228
11	8,980	2,400	17,500	1,110	2,290	524	285	232	520	257	631	289
12	11,600	6,410	17,700	925	2,390	412	267	211	504	258	2,730	304
13	12,700	6,230	19,800	7,770	1,840	335	233	156	625	247	2,800	401
14	18,300	10,900	21,400	17,800	514	338	224	189	469	241	3,130	410
15	20,600	16,500	22,500	20,800	436	333	2,020	208	846	290	2,770	383
16	21,400	18,300	23,500	21,100	401	305	241	213	2,440	361	6,070	1,140
17	22,800	20,000	24,900	22,600	324	288	236	215	2,650	382	9,830	3,110
18	23,300	20,500	25,900	24,200	321	276	250	216	2,710	399	9,300	3,830
19	24,400	22,400	25,700	23,900	341	271	254	221	2,790	514	8,810	4,220
20	24,700	23,600	24,700	20,600	389	279	265	221	2,810	524	7,600	3,820
21	24,400	22,200	22,100	16,900	475	285	281	216	3,050	685	5,510	2,590
22	22,800	19,200	19,500	14,100	1,240	295	269	218	3,240	535	3,410	555
23	20,600	15,600	18,400	10,900	1,850	225	297	221	2,780	489	3,480	722
24	17,500	13,800	18,100	10,700	1,870	291	536	180	2,840	526	3,710	1,300
25	17,400	12,100	20,300	11,400	1,950	358	364	222	2,970	627	19,100	3,600
26	17,100	6,170	22,600	13,400	2,480	406	357	239	3,300	782	22,500	19,100
27	8,480	4,900	23,300	17,000	1,930	279	317	237	4,550	1,180	25,600	22,400
28	9,910	4,760	21,500	16,500	487	195	304	232	3,030	1,010	27,200	10,400
29	12,600	6,120	21,500	16,800	317	206	300	236	3,040	561	20,900	12,100
30	15,100	7,320	21,200	18,700	281	206	301	239	2,970	555	20,300	16,800
31	---	---	20,900	6,010	---	---	326	233	3,060	557	---	---
MONTH	24,700	297	25,900	925	6,650	195	2,020	156	4,550	240	27,200	202

02304520 HILLSBOROUGH RIVER AT SULPHUR SPRINGS, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	23.3	21.4	22.5	18.9	21.9	17.4	23.9	20.9
2	---	---	---	---	22.9	21.3	22.1	18.9	21.3	17.6	22.8	19.9
3	---	---	---	---	22.4	20.3	22.1	18.6	23.2	18.0	21.5	18.8
4	---	---	---	---	21.9	19.6	23.5	19.0	21.2	18.4	22.6	18.0
5	---	---	---	---	22.4	19.0	23.4	18.6	20.9	16.8	22.9	18.8
6	---	---	---	---	22.5	19.7	23.6	19.1	20.6	17.0	21.9	19.3
7	---	---	---	---	23.0	20.2	23.3	19.6	21.5	17.8	22.5	19.6
8	---	---	---	---	22.7	20.6	23.3	20.1	20.9	18.4	23.2	19.9
9	---	---	---	---	23.9	21.0	23.3	20.7	21.4	18.8	21.5	17.7
10	---	---	---	---	23.7	21.6	23.4	21.1	23.2	19.7	20.8	17.3
11	---	---	---	---	22.8	20.7	23.1	21.6	21.8	18.0	22.8	18.5
12	---	---	---	---	23.1	19.2	23.3	21.7	20.4	17.4	22.3	18.1
13	---	---	---	---	23.1	18.3	23.5	21.9	20.8	17.8	23.2	18.9
14	---	---	---	---	22.1	17.6	23.4	21.4	21.2	18.4	22.9	19.4
15	---	---	---	---	21.1	15.4	22.8	20.0	22.6	19.6	23.4	20.3
16	---	---	23.8	21.5	21.9	15.2	22.3	19.0	23.4	20.5	23.6	20.5
17	---	---	23.8	21.5	21.9	16.2	23.0	17.7	22.6	20.6	21.1	20.3
18	---	---	24.2	21.2	21.9	17.4	22.1	16.0	21.9	20.0	22.0	19.5
19	---	---	24.2	20.9	21.5	17.2	22.5	16.2	21.9	19.0	23.1	19.1
20	---	---	24.1	21.4	21.5	17.1	21.5	15.7	22.1	19.5	21.1	19.2
21	---	---	23.9	21.7	20.7	16.1	21.1	16.2	22.7	20.4	21.0	19.6
22	---	---	24.1	21.9	20.9	16.9	21.4	16.6	23.2	21.3	22.4	20.2
23	---	---	24.3	22.3	21.2	18.8	20.4	15.9	23.6	21.9	22.0	21.0
24	---	---	24.5	22.6	22.1	19.3	20.2	14.8	23.4	22.5	22.1	20.9
25	---	---	24.0	22.5	21.5	17.8	20.6	14.6	23.2	22.3	22.9	21.4
26	---	---	22.5	20.4	21.0	16.5	21.0	15.4	22.7	21.8	23.4	22.2
27	---	---	23.6	20.7	21.9	15.9	20.5	15.9	22.3	20.9	24.5	22.7
28	---	---	23.4	20.7	21.7	16.2	20.0	16.2	23.9	21.2	24.2	23.0
29	---	---	23.2	20.4	20.5	16.2	20.6	16.4	---	---	24.3	21.6
30	---	---	23.4	20.8	21.5	17.2	21.8	16.8	---	---	24.6	22.2
31	---	---	---	---	21.3	18.7	22.4	17.5	---	---	25.3	23.0
MONTH	---	---	---	---	23.9	15.2	23.6	14.6	23.9	16.8	25.3	17.3
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.7	23.6	25.2	23.9	26.7	25.4	27.9	27.3	30.1	29.1	29.9	29.2
2	24.6	23.7	25.6	24.2	26.6	25.4	28.5	27.7	29.7	28.2	29.8	28.9
3	24.1	21.4	26.0	24.3	26.7	25.7	28.9	27.7	29.7	27.9	29.7	28.6
4	24.3	21.8	25.2	24.5	27.1	25.8	29.3	27.9	29.7	28.1	29.2	28.1
5	24.1	22.0	24.9	24.2	27.8	26.9	30.2	28.2	29.6	28.2	28.2	27.7
6	24.7	22.8	25.3	24.1	28.8	26.9	30.2	28.7	29.6	28.3	28.1	27.2
7	24.4	23.4	25.7	23.6	28.8	27.0	30.5	28.9	29.2	28.4	27.9	27.3
8	24.9	23.5	25.6	24.0	29.3	27.3	30.5	29.2	29.3	28.4	27.8	27.2
9	25.0	23.4	25.9	24.4	29.3	27.5	29.4	27.8	28.8	28.2	27.8	26.9
10	25.2	23.5	25.8	24.6	28.2	27.1	27.8	27.3	28.9	27.9	28.7	27.2
11	25.0	23.4	26.0	24.8	28.2	26.2	28.4	27.3	29.4	27.8	29.3	27.2
12	25.2	23.5	25.7	24.7	28.6	27.0	28.5	27.4	29.6	28.0	29.0	27.1
13	25.6	23.9	26.5	24.5	29.4	28.0	28.6	27.5	29.3	28.5	28.6	26.9
14	25.0	23.2	26.6	24.6	29.6	28.2	28.5	27.3	29.8	28.5	28.5	26.7
15	24.8	22.5	26.5	24.9	29.6	28.1	29.6	27.1	29.8	28.5	28.5	27.0
16	24.7	21.9	27.0	24.6	29.5	28.2	29.7	27.7	30.4	28.6	28.1	27.0
17	25.1	21.1	27.8	25.1	29.8	28.9	29.7	28.1	30.3	28.8	28.1	26.6
18	24.7	21.2	27.8	25.3	29.8	29.0	30.0	28.4	30.1	28.2	27.9	25.9
19	24.8	21.9	27.5	25.5	29.9	29.0	30.1	28.6	30.3	28.5	28.0	26.2
20	24.7	22.8	28.0	25.7	30.0	28.9	30.1	28.6	30.4	29.0	27.9	26.6
21	24.5	23.0	27.9	26.2	29.4	28.5	30.5	28.8	30.1	28.8	27.9	26.2
22	24.9	23.1	27.9	26.2	28.8	28.1	30.3	29.2	30.7	28.6	28.2	27.1
23	24.5	23.4	28.0	25.9	28.3	27.3	29.8	29.3	30.9	29.2	28.2	27.0
24	24.2	21.9	27.2	25.6	28.7	27.6	30.0	28.5	31.0	29.5	28.7	26.5
25	24.2	21.9	27.8	25.8	28.5	27.3	30.3	28.8	30.5	29.4	29.4	26.1
26	23.8	22.4	27.4	25.7	28.8	27.3	30.3	29.3	30.0	28.8	28.7	25.5
27	23.4	22.0	27.9	25.5	29.0	27.8	30.2	29.0	29.7	28.4	29.0	25.6
28	24.3	22.0	28.0	25.6	29.7	28.2	30.4	29.1	29.7	28.1	28.2	25.7
29	24.7	22.7	27.7	25.9	28.8	27.4	30.3	29.5	30.2	29.1	28.4	25.7
30	25.6	23.8	28.7	26.1	28.2	27.4	30.3	28.8	30.2	29.4	28.7	26.1
31	---	---	28.1	24.8	---	---	30.0	28.7	30.1	29.5	---	---
MONTH	25.7	21.1	28.7	23.6	30.0	25.4	30.5	27.1	31.0	27.8	29.9	25.5

02304520 HILLSBOROUGH RIVER AT SULPHUR SPRINGS, FL.—Continued

TEMPERATURE, (MIDDLE) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	23.7	21.6	21.2	19.1	20.3	18.0	22.9	20.9
2	---	---	---	---	23.9	21.4	20.9	19.5	20.1	18.4	22.3	20.0
3	---	---	---	---	23.4	20.4	21.9	19.3	20.5	19.2	21.9	19.7
4	---	---	---	---	22.3	19.9	20.8	19.2	20.6	18.9	21.7	18.8
5	---	---	---	---	22.8	19.2	21.9	18.9	19.9	17.0	21.8	19.1
6	---	---	---	---	22.8	19.9	21.9	19.3	19.8	17.3	21.7	19.5
7	---	---	---	---	22.8	20.3	22.3	19.7	19.7	18.1	21.9	19.9
8	---	---	---	---	23.2	20.6	22.4	20.2	19.7	18.8	22.0	20.3
9	---	---	---	---	23.9	21.1	22.6	20.6	20.4	19.2	21.7	18.4
10	---	---	---	---	23.7	21.6	22.9	21.0	20.8	19.6	20.5	17.5
11	---	---	---	---	23.8	20.7	23.3	21.3	20.8	18.3	21.0	18.6
12	---	---	---	---	23.1	18.8	23.1	21.5	20.5	17.7	21.5	18.2
13	---	---	---	---	23.0	18.4	23.2	22.0	20.5	19.6	22.3	19.1
14	---	---	---	---	21.9	17.6	23.2	21.6	20.6	20.0	22.3	19.5
15	---	---	---	---	21.2	15.5	22.8	20.4	20.9	20.3	23.1	20.3
16	---	---	24.0	21.6	20.4	15.4	22.6	19.2	21.2	20.2	23.3	20.6
17	---	---	24.0	21.8	21.4	16.8	22.2	18.1	21.8	19.8	21.2	20.3
18	---	---	24.1	22.0	20.8	17.8	22.0	16.4	21.7	19.8	22.3	19.5
19	---	---	24.1	22.1	21.1	18.2	21.4	15.4	20.6	20.0	23.0	19.5
20	---	---	24.3	22.1	20.8	17.4	21.3	16.0	20.9	20.3	22.1	19.5
21	---	---	24.3	21.9	20.7	16.3	20.7	16.6	21.7	20.7	21.5	19.7
22	---	---	24.1	22.2	20.7	17.2	20.3	16.7	22.5	21.2	22.5	20.2
23	---	---	24.3	22.4	20.9	19.1	20.1	16.6	23.1	21.5	22.4	21.1
24	---	---	24.3	22.7	21.3	19.6	19.6	14.7	23.5	21.9	22.6	20.9
25	---	---	24.3	22.7	20.8	18.2	19.7	15.0	23.0	22.2	22.9	21.4
26	---	---	23.7	20.6	20.8	17.0	19.7	15.5	22.7	22.0	23.2	22.2
27	---	---	24.0	20.8	21.5	15.7	20.1	16.1	22.5	21.2	24.1	22.7
28	---	---	23.7	20.8	21.4	15.8	19.5	16.4	22.6	21.3	24.1	23.1
29	---	---	23.4	20.5	20.0	16.4	19.0	16.6	---	---	23.8	21.6
30	---	---	23.6	20.9	20.4	17.6	21.0	17.2	---	---	24.3	22.2
31	---	---	---	---	20.9	18.5	20.1	17.8	---	---	24.6	23.0
MONTH	---	---	---	---	23.9	15.4	23.3	14.7	23.5	17.0	24.6	17.5
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.3	23.7	25.2	23.9	26.7	25.6	27.9	27.3	30.1	29.1	29.9	29.3
2	24.7	23.8	24.6	24.2	26.5	25.5	28.5	27.7	29.7	28.3	29.8	29.0
3	24.2	21.6	25.3	24.2	26.7	25.8	28.9	27.7	29.7	28.2	29.8	28.7
4	24.0	21.9	25.3	24.4	27.2	25.7	29.4	27.9	29.8	28.2	29.2	28.2
5	23.9	22.3	24.9	24.3	27.8	26.5	30.2	28.2	29.6	28.4	28.2	27.7
6	24.3	23.0	25.0	24.2	28.8	26.4	30.2	28.8	29.6	28.3	28.2	27.3
7	24.3	23.5	25.5	23.9	28.8	26.5	30.5	28.9	29.2	28.3	27.9	27.3
8	24.6	23.6	25.6	24.2	29.3	26.5	30.5	29.2	29.3	28.4	27.8	27.2
9	24.7	23.5	25.7	24.5	29.3	26.9	29.5	27.9	28.8	28.2	27.8	27.0
10	25.0	23.6	25.6	24.7	28.3	26.8	27.9	27.3	28.9	27.9	28.8	27.2
11	24.5	23.4	26.0	24.8	28.2	26.2	28.4	27.3	29.4	27.9	29.2	27.3
12	24.9	23.8	25.8	24.8	28.6	26.4	28.5	27.5	29.6	28.0	29.0	27.1
13	25.0	24.1	26.3	24.6	29.4	27.5	28.5	27.6	29.3	28.5	28.6	27.0
14	24.5	23.8	26.2	25.0	29.6	28.2	28.4	27.4	29.8	28.5	28.5	26.7
15	24.6	22.7	26.2	25.0	29.6	28.1	29.6	27.1	29.8	28.6	28.6	26.9
16	24.5	22.4	26.2	25.0	29.5	28.3	29.7	27.7	30.4	28.6	28.1	26.8
17	24.7	22.1	26.6	25.6	29.8	28.9	29.7	28.2	30.3	28.8	28.1	26.7
18	24.4	22.3	26.7	26.0	29.8	29.1	30.0	28.4	30.1	28.6	27.8	26.3
19	24.3	23.1	27.3	26.2	30.0	29.0	30.1	28.6	30.3	28.7	28.0	26.4
20	24.4	23.6	27.7	26.4	30.1	28.9	30.2	28.7	30.4	29.0	27.7	26.7
21	24.4	23.5	27.8	26.5	29.4	28.6	30.5	28.9	30.0	28.9	27.9	26.5
22	24.6	23.3	27.8	26.7	28.8	27.8	30.3	29.2	30.5	28.7	28.2	27.2
23	24.4	23.8	27.8	26.7	28.4	26.9	30.0	29.3	30.9	29.3	27.9	27.3
24	24.3	23.0	27.5	26.4	28.8	27.1	30.0	28.6	31.0	29.5	28.6	26.8
25	24.0	22.8	27.7	26.6	28.5	26.8	30.3	28.8	30.4	29.5	29.3	26.3
26	23.8	22.6	27.6	26.4	28.8	26.7	30.3	29.3	30.0	28.9	28.6	25.7
27	23.3	22.3	27.6	26.3	29.0	27.2	30.2	29.0	29.8	28.5	29.0	25.7
28	23.9	22.5	27.7	26.6	29.7	28.2	30.5	29.1	29.7	28.4	28.1	26.0
29	24.4	22.9	27.8	27.0	28.8	27.3	30.3	29.6	30.2	29.1	28.4	26.1
30	25.0	23.7	28.1	27.0	28.2	27.3	30.2	28.8	30.2	29.5	28.7	26.4
31	---	---	28.1	24.9	---	---	30.0	28.7	30.1	29.6	---	---
MONTH	25.3	21.6	28.1	23.9	30.1	25.5	30.5	27.1	31.0	27.9	29.9	25.7

02304520 HILLSBOROUGH RIVER AT SULPHUR SPRINGS, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	23.3	21.8	19.3	18.9	19.8	19.6	22.5	21.1
2	---	---	---	---	23.3	21.9	19.8	19.2	19.8	19.7	22.3	20.5
3	---	---	---	---	23.3	20.9	19.8	19.6	19.9	19.7	22.0	21.7
4	---	---	---	---	23.2	21.3	20.3	19.8	20.0	19.7	21.7	21.5
5	---	---	---	---	22.5	20.3	20.2	19.9	19.8	19.6	21.6	21.5
6	---	---	---	---	22.7	21.7	20.3	20.1	19.7	19.5	21.6	21.4
7	---	---	---	---	22.8	22.1	20.4	20.3	19.6	19.4	21.6	21.4
8	---	---	---	---	23.0	21.5	20.6	20.3	19.6	19.3	21.7	21.5
9	---	---	---	---	23.4	21.3	21.3	20.5	19.7	19.3	21.7	20.0
10	---	---	---	---	23.6	21.7	21.8	20.9	20.2	19.6	20.8	17.5
11	---	---	---	---	23.5	20.9	22.1	21.2	20.4	20.1	21.1	18.9
12	---	---	---	---	23.0	19.0	22.5	21.5	20.4	20.3	21.4	18.2
13	---	---	---	---	21.8	19.7	22.5	21.8	20.5	20.4	22.1	19.4
14	---	---	---	---	22.1	18.6	22.9	22.2	20.5	20.4	22.3	20.3
15	---	---	---	---	20.4	16.6	22.7	22.2	20.5	20.2	22.7	20.6
16	---	---	24.1	21.6	20.7	17.9	22.3	22.1	20.3	20.1	22.9	20.6
17	---	---	23.8	22.0	20.9	20.0	22.2	21.6	20.3	19.8	21.2	20.3
18	---	---	24.0	23.6	21.1	20.3	22.2	21.6	20.0	19.8	21.8	19.6
19	---	---	24.1	24.0	20.6	20.3	21.7	21.2	20.3	19.8	22.3	20.3
20	---	---	24.1	23.9	20.6	20.3	21.3	20.6	20.6	20.2	21.7	19.9
21	---	---	24.0	24.0	20.6	20.3	20.7	20.3	21.1	20.6	21.2	19.7
22	---	---	24.0	24.0	20.7	20.2	20.4	20.1	21.5	21.0	22.7	20.3
23	---	---	24.1	23.9	20.8	20.3	20.2	17.7	22.0	21.3	22.7	21.1
24	---	---	24.1	23.9	20.8	20.3	19.6	18.4	22.3	21.8	22.8	20.9
25	---	---	24.1	23.3	20.7	19.1	19.5	18.8	22.6	22.1	23.1	21.4
26	---	---	24.0	20.8	19.9	17.7	19.5	19.1	22.5	22.3	23.5	22.3
27	---	---	23.6	20.8	20.8	17.8	19.7	19.0	22.6	21.4	24.2	22.7
28	---	---	23.6	20.8	20.7	18.2	19.3	18.8	22.5	21.4	24.2	23.1
29	---	---	23.2	20.6	20.3	18.1	19.2	18.4	---	---	23.8	21.7
30	---	---	23.2	20.9	18.4	17.9	19.5	18.9	---	---	24.1	22.2
31	---	---	---	---	18.9	18.3	19.7	19.4	---	---	24.4	23.0
MONTH	---	---	---	---	23.6	16.6	22.9	17.7	22.6	19.3	24.4	17.5
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.8	23.8	24.6	23.7	26.8	26.1	28.0	27.4	30.2	29.1	29.7	28.5
2	24.7	23.8	24.6	24.1	26.6	25.5	28.6	27.8	29.7	28.3	29.9	29.0
3	24.2	21.8	24.5	24.1	26.7	25.7	29.0	27.7	29.8	28.2	29.8	28.7
4	23.9	22.0	24.6	24.3	27.2	25.6	29.4	27.9	29.8	28.2	29.2	28.2
5	23.4	22.9	24.7	24.4	27.9	26.1	30.2	28.2	29.6	28.7	28.2	27.7
6	23.8	23.3	24.8	24.5	28.9	26.2	30.2	28.8	29.7	27.9	28.2	27.3
7	24.1	23.6	25.0	24.4	28.8	26.2	30.5	29.0	29.3	28.4	27.9	27.3
8	24.6	23.8	25.3	24.5	29.3	26.4	30.5	29.2	29.4	28.4	27.8	27.3
9	24.7	23.6	25.7	24.7	29.3	26.5	29.5	27.9	28.9	28.2	27.8	27.0
10	24.8	23.7	25.6	24.9	28.3	26.5	27.9	27.3	29.0	27.9	28.8	27.2
11	24.4	23.4	26.1	24.8	28.3	26.1	28.5	27.3	29.5	27.9	29.4	27.3
12	24.6	24.3	25.8	25.0	28.7	26.1	28.6	27.5	29.7	28.1	29.1	27.1
13	24.6	24.2	25.5	25.3	29.5	26.8	28.6	27.4	29.3	28.5	28.7	26.3
14	24.5	24.4	25.7	25.4	29.7	28.2	28.5	27.4	29.8	28.5	28.5	25.9
15	24.5	24.3	25.8	25.6	29.6	28.2	29.7	26.4	29.9	28.6	28.6	26.1
16	24.6	24.3	25.9	25.7	29.6	28.3	29.8	27.8	30.5	27.3	27.8	26.2
17	24.6	24.4	26.0	25.8	29.9	29.0	29.8	28.2	30.3	27.4	27.3	26.1
18	24.6	24.3	26.2	25.9	29.9	29.1	30.0	28.4	30.2	27.1	27.4	26.4
19	24.3	24.0	26.5	26.1	30.0	29.0	30.2	28.6	30.4	27.4	27.6	26.6
20	24.1	23.9	26.9	26.3	30.1	29.0	30.2	28.7	30.5	27.9	27.7	26.5
21	24.1	24.0	27.3	26.8	29.4	28.6	30.6	28.9	30.0	27.5	27.8	26.3
22	24.4	24.1	27.3	27.1	28.8	27.1	30.4	29.3	30.7	27.5	28.1	26.5
23	24.4	24.3	27.5	27.2	28.4	26.7	29.9	29.4	30.9	27.7	27.7	26.3
24	24.3	24.0	27.6	27.0	28.8	26.6	30.1	28.5	31.0	28.0	28.1	26.2
25	24.0	23.7	27.8	27.1	28.6	26.6	30.4	28.9	30.4	28.0	28.2	26.3
26	23.9	22.7	27.7	27.3	28.8	26.4	30.4	29.4	30.1	28.0	28.4	28.1
27	23.3	22.4	27.6	27.2	29.0	26.9	30.3	29.0	29.3	26.9	28.5	28.3
28	23.6	22.6	27.7	27.3	29.7	28.2	30.5	29.2	29.6	27.1	28.6	27.8
29	23.9	23.3	27.8	27.5	28.8	27.2	30.4	29.6	30.2	27.3	28.0	27.7
30	24.0	23.5	27.9	27.7	28.2	27.2	30.3	28.9	30.3	27.7	27.9	27.6
31	---	---	27.9	26.1	---	---	30.1	28.7	30.1	28.0	---	---
MONTH	24.8	21.8	27.9	23.7	30.1	25.5	30.6	26.4	31.0	26.9	29.9	25.9

02305851 CURIOSITY CREEK AT 122ND AVENUE NEAR SULPHUR SPRINGS, FL.

LOCATION.--Lat 28°03'30", long 82°27'41" (1927 North American datum), in NW1/4 sec.12, T.28 S., R.18 E., Hillsborough County, Hydrologic Unit 03100205, on upstream side of culvert headwall on 122nd Avenue, 600 ft west of Florida Avenue (Business U.S. Highway 41), 0.25 mi north of Fowler Avenue (State Highway 582), and 2.5 mi northeast of Sulphur Springs.

DRAINAGE AREA.--2.59 mi^2.

PERIOD OF RECORD.--February 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is 3.86 ft below National Geodetic Vertical Datum of 1929 (Hillsborough County Engineering Department).

REMARKS.--Records fair except those for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	0.74	0.40	0.46	0.00	0.60	0.24	0.43	8.3	7.5	21	6.0
2	9.1	0.66	0.38	0.35	0.00	0.36	0.34	0.25	5.5	6.2	19	5.9
3	8.0	0.63	0.35	0.28	0.00	0.32	0.20	0.12	2.3	5.3	5.2	4.9
4	7.0	0.59	0.30	0.23	0.00	0.51	0.12	0.19	1.6	3.7	4.1	3.7
5	6.0	0.54	0.26	0.19	0.00	0.31	0.06	0.29	3.2	2.6	9.0	3.0
6	5.9	0.50	0.23	0.16	0.00	0.25	0.01	0.20	2.5	1.9	19	2.6
7	4.9	0.50	0.23	0.13	0.00	0.21	0.00	0.09	1.4	1.4	24	2.4
8	4.0	0.47	0.22	0.10	0.00	0.16	0.00	0.04	0.92	1.6	19	2.3
9	3.3	0.43	0.23	0.08	0.00	0.34	0.00	0.01	2.2	6.8	21	2.5
10	3.0	0.40	0.23	0.07	0.00	0.46	0.00	0.00	1.9	7.4	15	2.4
11	3.0	0.36	0.20	0.06	0.00	0.27	0.00	e0.04	4.0	9.0	11	2.0
12	3.3	0.33	0.16	0.04	0.00	0.15	0.00	0.00	11	15	12	1.7
13	2.7	0.49	0.14	0.03	0.00	0.12	0.00	0.00	21	31	14	1.5
14	2.3	0.44	0.13	0.45	0.00	0.84	0.00	0.00	7.3	32	17	1.3
15	2.3	0.36	e0.10	0.35	0.00	0.73	0.00	e0.48	4.8	21	16	1.1
16	2.2	0.30	0.09	0.21	0.00	0.55	0.00	0.11	3.9	12	14	0.99
17	1.9	0.29	0.09	0.14	0.00	3.3	0.00	0.02	3.3	9.0	11	0.92
18	1.7	0.27	0.09	0.09	0.00	2.5	0.00	0.00	2.5	6.9	23	0.78
19	1.7	0.24	0.08	0.07	0.00	1.8	0.00	0.00	2.0	5.9	11	0.73
20	2.0	0.23	0.04	0.06	0.00	1.4	0.00	0.00	1.5	4.7	8.6	0.92
21	1.8	0.22	0.04	0.05	0.00	1.2	0.00	0.00	1.2	3.8	11	1.1
22	1.6	0.20	0.04	0.04	0.00	1.00	0.00	0.00	1.2	3.4	13	1.1
23	1.4	0.21	0.04	0.02	0.00	1.3	e0.06	0.00	1.1	2.5	10	0.96
24	1.3	0.27	0.04	0.00	0.00	1.2	0.24	0.00	0.94	3.5	11	0.85
25	1.2	1.6	0.43	0.00	0.00	1.0	0.01	0.00	0.80	7.7	6.5	0.76
26	1.2	0.91	0.93	0.00	0.00	1.0	0.69	0.00	2.3	4.3	5.7	0.70
27	1.0	0.66	0.53	0.00	e3.5	0.87	2.6	0.00	2.2	3.1	5.8	0.63
28	0.97	0.65	0.36	0.00	1.8	0.78	0.38	0.00	5.4	9.3	6.2	0.75
29	0.94	0.51	0.42	0.00	---	0.62	0.13	0.00	12	42	5.4	0.75
30	0.89	0.44	0.73	0.00	---	0.46	0.07	0.00	12	24	3.9	0.69
31	0.83	---	0.63	0.00	---	0.34	---	e13	---	10	3.7	---
TOTAL	97.43	14.44	8.14	3.66	5.30	24.95	5.15	15.27	130.26	304.5	376.1	55.93
MEAN	3.14	0.48	0.26	0.12	0.19	0.80	0.17	0.49	4.34	9.82	12.1	1.86
MAX	10	1.6	0.93	0.46	3.5	3.3	2.6	13	21	42	24	6.0
MIN	0.83	0.20	0.04	0.00	0.00	0.12	0.00	0.00	0.80	1.4	3.7	0.63
MED	2.2	0.44	0.23	0.07	0.00	0.60	0.00	0.00	2.4	6.8	11	1.1
AC-FT	193	29	16	7.3	11	49	10	30	258	604	746	111
CFSM	1.21	0.19	0.10	0.05	0.07	0.31	0.07	0.19	1.68	3.79	4.68	0.72
IN.	1.40	0.21	0.12	0.05	0.08	0.36	0.07	0.22	1.87	4.37	5.40	0.80

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2005, BY WATER YEAR (WY)

MEAN	0.86	0.19	0.95	0.57	0.57	0.67	0.18	0.24	2.37	4.48	7.62	5.25
MAX	3.14	0.48	5.38	2.50	1.79	2.37	0.52	0.94	8.44	9.82	15.7	19.3
(WY)	(2005)	(2005)	(2003)	(2003)	(2004)	(2003)	(2003)	(2003)	(2003)	(2005)	(2003)	(2004)
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.60	0.59
(WY)	(2001)	(2001)	(2000)	(2000)	(2000)	(2000)	(2000)	(2000)	(2001)	(2000)	(2001)	(2000)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2000 - 2005	
ANNUAL TOTAL	1,537.02		1,041.13			
ANNUAL MEAN	4.20		2.85		2.01	
HIGHEST ANNUAL MEAN					4.04	2003
LOWEST ANNUAL MEAN					0.22	2000
HIGHEST DAILY MEAN	152	Sep 6	42	Jul 29	152	Sep 6, 2004
LOWEST DAILY MEAN	0.00	Many days	0.00	Many days	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.00	Jan 1	0.00	Jan 24	0.00	Oct 24, 1999
MAXIMUM PEAK FLOW			74	Jul 13	205	Sep 6, 2004
MAXIMUM PEAK STAGE			33.37	Jul 13	35.15	Sep 6, 2004
ANNUAL RUNOFF (AC-FT)	3,050		2,070		1,450	
ANNUAL RUNOFF (CFSM)	1.62		1.10		0.775	
ANNUAL RUNOFF (INCHES)	22.08		14.95		10.53	
10 PERCENT EXCEEDS	13		9.0		5.7	
50 PERCENT EXCEEDS	0.70		0.62		0.05	
90 PERCENT EXCEEDS	0.00		0.00		0.00	

e Estimated

PRECIPITATION RECORDS

PERIOD OF RECORD.--January 1999 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15-minute interval, mounted on top of gage house with the top of funnel 7 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.26	0.01	0.08	1.12
2	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.59	0.36	0.00	0.94
3	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.16	0.00	0.00	0.01
4	0.05	0.01	0.00	0.00	0.00	0.01	0.00	0.30	0.08	0.00	0.00	0.00
5	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.17	0.00	0.08	0.00
6	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.04
7	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.01	0.00	1.11	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.62	0.83	0.00
9	0.00	0.03	0.00	0.00	0.00	0.71	0.00	0.00	0.72	1.69	0.00	0.02
10	0.00	0.00	0.01	0.00	0.07	0.02	0.00	0.00	0.11	0.37	0.00	0.00
11	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.17	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.47	0.31	0.00
13	0.01	0.44	0.00	0.01	0.00	0.00	0.15	0.00	0.00	1.31	0.02	0.00
14	0.00	0.00	0.00	1.08	0.00	0.96	0.00	0.00	0.00	0.26	0.63	0.00
15	0.22	0.00	0.00	0.00	0.00	0.05	0.00	0.29	0.00	0.00	0.54	0.00
16	0.00	0.00	0.00	0.00	0.00	0.65	0.00	0.00	0.00	0.00	0.11	0.00
17	0.00	0.00	0.00	0.00	0.00	0.83	0.00	0.41	0.09	0.00	0.28	0.00
18	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.51	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00
20	0.03	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.46	0.12	0.00	0.24
21	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.22	0.04	0.56	0.40
22	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.63	0.10	0.00	0.02	0.17
23	0.00	0.00	0.01	0.01	0.00	0.38	1.11	0.00	0.42	0.02	0.44	0.01
24	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.01
25	0.00	0.83	2.56	0.00	0.47	0.00	0.00	0.00	0.00	0.01	0.00	0.00
26	0.00	0.00	0.01	0.00	0.03	0.09	1.79	0.12	0.00	0.00	0.14	0.00
27	0.00	0.15	0.00	0.00	2.20	0.00	0.04	0.00	1.05	0.00	0.14	0.00
28	0.00	0.00	0.00	0.02	0.00	0.14	0.00	0.00	1.60	0.39	0.14	1.53
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.78	1.01	0.08	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.24	0.31	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	3.29	---	0.00	0.03	---
TOTAL	0.76	1.64	2.59	1.13	2.78	4.55	3.36	5.74	8.85	7.65	6.67	4.49

WTR YR 2005 TOTAL 50.21

02306000 SULPHUR SPRINGS AT SULPHUR SPRINGS, FL.

LOCATION.--Lat 28° 01'15", long 82° 27'07" (1927 North American datum), in NE 1/ 4 sec.25, T.28 S., R.18 E., Hillsborough County, Hydrologic Unit 03100205, on east side of spring pool, 100 ft west of U. S. Highway 41 in Sulphur Springs, and 500 ft upstream from mouth of outlet channel at Hillsborough River.

PERIOD OF RECORD.--1917, 1929, 1930 (one discharge measurement in each year); February 1931 to June 1934 (monthly discharge measurements published as "at Tampa"); 1935, 1945, 1946 (miscellaneous discharge measurements); May 1956 to June 1959 (periodic discharge measurements only); July 1959 to current year.

REVISED RECORDS.--WRD FL-91-3A: Discharge and diversion published in 1988-90; WDR FL-03-3A: Discharge and diversion published in 1997 and diversion published in 2002.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to July 15, 1959, nonrecording gage at same site and datum.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Discharge measurements made in spring run about 300 ft downstream from gage. Flow regulated by operating gates in control at outlet at head of springs. Some diversions at times by pumping from the spring pool into Hillsborough River above and below the dam by the city of Tampa Water Department. Statistics do not include diverted flow. Diversion furnished by City of Tampa Water Department.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e49	40	29	13	20	21	28	22	22	36	38	36
2	e48	39	29	14	20	20	28	22	22	36	39	39
3	e48	36	29	17	20	20	28	21	22	36	38	39
4	e48	34	29	21	20	21	27	21	23	36	38	39
5	e48	28	28	22	20	21	27	23	23	37	39	39
6	e48	29	28	21	20	21	27	29	28	37	40	39
7	e48	28	28	21	20	23	27	29	29	37	41	39
8	e48	26	28	21	20	26	27	30	29	37	41	39
9	e49	20	28	21	20	26	26	30	30	38	41	39
10	e48	22	28	21	20	26	26	30	31	38	41	38
11	e49	29	28	21	15	26	27	29	32	38	40	38
12	e50	30	28	21	14	26	25	29	31	38	40	38
13	e49	30	28	21	17	26	25	29	32	40	40	38
14	e48	29	28	21	17	26	23	30	32	41	40	38
15	e48	29	27	21	16	27	22	30	32	41	40	38
16	e45	29	27	21	16	27	21	28	31	41	40	38
17	e44	29	25	20	16	28	21	25	32	41	40	37
18	e45	29	17	20	16	28	21	23	32	41	39	37
19	44	29	16	20	17	28	20	22	32	41	36	32
20	43	30	15	21	19	28	20	22	32	41	34	27
21	42	30	14	21	21	29	21	21	32	40	33	26
22	40	30	14	21	22	29	21	21	32	40	34	26
23	40	30	14	20	22	29	21	21	32	39	34	31
24	40	30	14	20	21	28	21	21	32	40	34	34
25	40	30	14	20	21	28	21	20	32	41	34	35
26	40	30	25	21	20	28	21	20	32	40	33	35
27	39	30	27	20	21	28	22	20	32	39	34	34
28	39	30	20	20	22	28	21	20	33	39	34	34
29	39	29	14	20	---	28	21	20	34	39	34	35
30	40	29	13	21	---	28	21	20	36	39	33	35
31	40	---	13	20	---	28	---	21	---	39	33	---
TOTAL	1,386	893	705	623	533	806	707	749	904	1,206	1,155	1,072
MEAN	44.7	29.8	22.7	20.1	19.0	26.0	23.6	24.2	30.1	38.9	37.3	35.7
MAX	50	40	29	22	22	29	28	30	36	41	41	39
MIN	39	20	13	13	14	20	20	20	22	36	33	26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2005, BY WATER YEAR (WY)

MEAN	43.2	38.4	36.9	37.7	37.1	37.6	31.3	26.4	29.5	36.6	44.3	46.8
MAX	72.5	65.7	56.0	54.3	61.5	86.6	80.2	61.9	49.4	58.9	110	71.1
(WY)	(1960)	(1960)	(1960)	(1970)	(1964)	(1960)	(1960)	(1960)	(1960)	(1960)	(1960)	(1960)
MIN	16.5	13.7	9.66	9.98	11.5	9.40	4.73	2.49	0.28	2.02	14.5	31.3
(WY)	(1973)	(1973)	(1979)	(1985)	(2001)	(2000)	(1976)	(2000)	(2000)	(2000)	(1977)	(1996)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1960 - 2005	
ANNUAL TOTAL	11,914		10,739			
ANNUAL MEAN	32.6		29.4		37.2	
HIGHEST ANNUAL MEAN					67.6	1960
LOWEST ANNUAL MEAN					19.4	2001
HIGHEST DAILY MEAN	57	Sep 7	50	Oct 12	145	Mar 19, 1960
LOWEST DAILY MEAN	13	Dec 30	13	Dec 30	0.00	Jun 6, 1994
ANNUAL SEVEN-DAY MINIMUM	14	Dec 19	14	Dec 19	0.00	Mar 18, 2000
10 PERCENT EXCEEDS	48		40		53	
50 PERCENT EXCEEDS	31		29		39	
90 PERCENT EXCEEDS	20		20		13	

e Estimated

02306000 SULPHUR SPRINGS AT SULPHUR SPRINGS, FL.—Continued

DAILY MEAN DIVERSION, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	11	---	10	---	10	10	---	---	e3.0
2	---	e1.0	---	11	---	10	---	10	10	---	---	---
3	---	e3.0	---	4.0	---	10	---	10	10	---	---	---
4	---	e6.0	---	---	---	10	---	10	10	---	---	---
5	---	e12	---	---	---	10	---	7.3	10	---	---	---
6	---	e11	---	---	---	10	---	---	2.9	---	---	---
7	---	e12	---	---	---	3.8	---	---	---	---	---	---
8	---	e14	---	---	---	---	---	---	---	---	---	---
9	---	e9.0	---	---	---	---	---	---	---	---	---	---
10	---	e7.0	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	6.7	---	6.7	---	---	---	---	---
12	---	---	---	---	10	---	10	---	---	---	---	---
13	---	---	---	---	10	---	10	---	---	---	---	---
14	---	---	---	---	10	---	10	---	---	---	---	---
15	---	---	---	---	10	---	10	---	---	---	---	---
16	---	---	---	---	10	---	10	7.1	---	---	---	---
17	---	---	6.0	---	10	---	10	10	---	---	---	---
18	---	---	11	---	10	---	10	10	---	---	e1.0	---
19	---	---	12	---	10	---	10	10	---	---	e4.0	5.0
20	---	---	12	---	10	---	10	10	---	---	e6.0	10
21	---	---	12	---	10	---	10	10	---	---	e7.0	10
22	---	---	11	---	10	---	10	10	---	---	e6.0	10
23	---	---	11	---	10	---	10	10	---	---	e6.0	4.0
24	---	---	11	---	10	---	10	10	---	---	e6.0	---
25	---	---	11	---	10	---	10	10	---	---	e6.0	---
26	---	---	2.0	---	10	---	10	10	---	---	e6.0	---
27	---	---	---	---	10	---	10	10	---	---	e5.0	---
28	---	---	7.0	---	10	---	10	10	---	---	e5.0	---
29	---	---	11	---	---	---	10	10	---	---	e5.0	---
30	---	---	11	---	---	---	10	10	---	---	e6.0	---
31	---	---	11	---	---	---	---	10	---	---	e6.0	---
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

e Estimated

02306000 SULPHUR SPRINGS AT SULPHUR SPRINGS, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1999 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of a specific conductance and temperature sensor located 1.0 ft above the bottom of the pool.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 6,670 microsiemens, Jan. 29, 2002; minimum, 1,780 microsiemens, June 27, 2002.

TEMPERATURE.--Maximum, 25.8° C, Aug. 27, 1999, Aug. 3, 4, 16, Sept. 15, 2000; minimum, 23.9° C, Jan. 16 - Feb. 7, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Maximum, 4,990 microsiemens, Oct. 12,13; minimum, 2,720 microsiemens, June 12, 30, July 1.

TEMPERATURE.--Maximum, 25.5° C, Aug. 20, 24-26; minimum, 24.4° C, many days.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	4,760	4,660	4,610	4,570	4,260	4,230	4,150	4,110	3,700	3,650	3,520	3,480
2	4,680	4,550	4,650	4,560	4,240	4,220	4,120	4,090	3,670	3,530	3,520	3,480
3	4,650	4,540	4,700	4,620	4,240	4,210	4,100	4,070	3,540	3,540	3,480	3,460
4	4,640	4,560	4,750	4,690	4,210	4,110	4,080	4,060	3,560	3,540	3,500	3,450
5	4,620	4,580	4,740	4,670	4,110	4,010	4,060	4,000	3,540	3,500	3,530	3,500
6	4,660	4,610	4,730	4,680	4,010	3,960	4,000	3,880	3,500	3,460	3,540	3,520
7	4,720	4,660	4,720	4,690	3,970	3,960	3,880	3,820	3,490	3,460	3,560	3,510
8	4,770	4,720	4,770	4,700	3,970	3,950	3,820	3,770	3,510	3,480	3,570	3,530
9	4,840	4,760	4,780	4,730	3,970	3,940	3,770	3,720	3,530	3,500	3,560	3,500
10	4,870	4,810	4,770	4,490	4,000	3,970	3,730	3,700	3,550	3,520	3,500	3,450
11	4,920	4,830	4,500	4,460	4,010	3,990	3,720	3,690	3,540	3,510	3,480	3,450
12	4,990	4,920	4,480	4,450	4,000	3,920	3,710	3,700	3,540	3,480	3,470	3,440
13	4,990	4,900	4,510	4,430	3,970	3,890	3,740	3,700	3,500	3,480	3,470	3,420
14	4,940	4,880	4,430	4,370	4,080	3,970	3,760	3,720	3,530	3,500	3,450	3,420
15	4,960	4,860	4,370	4,310	4,130	4,080	3,750	3,720	3,560	3,530	3,440	3,410
16	4,870	4,790	4,320	4,280	4,130	4,100	3,730	3,680	3,560	3,530	3,470	3,440
17	4,840	4,770	4,300	4,260	4,160	4,100	3,690	3,640	3,530	3,490	3,480	3,450
18	4,860	4,800	4,260	4,210	4,190	4,150	3,640	3,590	3,490	3,470	3,500	3,480
19	4,840	4,800	4,250	4,220	4,220	4,180	3,590	3,560	3,470	3,430	3,490	3,470
20	4,840	4,800	4,300	4,250	4,220	4,190	3,620	3,570	3,430	3,390	3,490	3,470
21	4,810	4,740	4,320	4,300	4,190	4,130	3,690	3,620	3,430	3,400	3,520	3,480
22	4,740	4,640	4,320	4,310	4,220	4,150	3,730	3,690	3,440	3,410	3,570	3,520
23	4,650	4,580	4,320	4,290	4,260	4,210	3,750	3,710	3,420	3,380	3,580	3,510
24	4,630	4,580	4,300	4,270	4,280	4,220	3,710	3,620	3,400	3,370	3,510	3,420
25	4,650	4,590	4,300	4,260	4,280	4,220	3,640	3,610	3,450	3,400	3,420	3,280
26	4,670	4,620	4,290	4,270	4,300	4,190	3,680	3,630	3,470	3,440	3,280	3,180
27	4,630	4,570	4,290	4,250	4,230	4,190	3,710	3,680	3,460	3,410	3,180	3,130
28	4,610	4,550	4,290	4,260	4,200	4,150	3,700	3,660	3,480	3,430	3,140	3,120
29	4,650	4,590	4,280	4,250	4,160	4,100	3,680	3,660	---	---	3,120	3,110
30	4,650	4,580	4,260	4,240	4,150	4,110	3,700	3,680	---	---	3,110	3,040
31	4,610	4,560	---	---	4,160	4,130	3,710	3,690	---	---	3,040	2,980
MONTH	4,990	4,540	4,780	4,210	4,300	3,890	4,150	3,560	3,700	3,370	3,580	2,980

02306000 SULPHUR SPRINGS AT SULPHUR SPRINGS, FL.—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	2,980	2,970	2,930	2,920	2,830	2,810	2,760	2,720	3,530	3,470	4,200	4,110
2	3,000	2,960	2,930	2,920	2,830	2,810	3,040	2,760	3,640	3,530	4,110	4,040
3	3,010	3,000	2,970	2,930	2,840	2,810	3,180	3,040	3,710	3,640	4,050	4,010
4	3,000	2,930	2,980	2,970	2,910	2,830	3,230	3,170	3,710	3,690	4,040	4,000
5	2,930	2,890	3,000	2,970	2,950	2,910	3,250	3,220	3,710	3,690	4,050	4,030
6	2,890	2,870	3,020	2,980	2,960	2,930	3,300	3,220	3,700	3,610	4,050	4,030
7	2,880	2,870	3,020	2,980	2,930	2,860	3,330	3,290	3,610	3,510	4,030	4,010
8	2,930	2,880	2,980	2,940	2,860	2,850	3,370	3,320	3,600	3,490	4,020	4,000
9	3,010	2,930	2,950	2,930	2,860	2,820	3,400	3,360	3,800	3,600	4,010	3,980
10	3,010	2,960	2,960	2,930	2,820	2,760	3,410	3,390	3,910	3,800	3,980	3,940
11	2,960	2,890	2,950	2,930	2,760	2,740	3,470	3,390	3,960	3,910	3,950	3,910
12	2,890	2,870	2,930	2,900	2,740	2,720	3,520	3,470	3,970	3,950	3,920	3,910
13	2,920	2,880	2,900	2,880	2,810	2,730	3,530	3,400	3,970	3,960	3,930	3,920
14	2,950	2,910	2,890	2,870	2,850	2,810	3,420	3,330	3,980	3,940	3,930	3,880
15	2,970	2,950	2,900	2,880	2,890	2,850	3,340	3,300	3,950	3,920	3,890	3,870
16	2,970	2,920	2,890	2,840	2,900	2,880	3,410	3,340	3,940	3,920	3,930	3,870
17	2,920	2,850	2,870	2,830	2,900	2,880	3,490	3,410	3,950	3,920	3,940	3,910
18	2,860	2,840	2,930	2,870	2,900	2,880	3,540	3,490	4,030	3,940	3,930	3,910
19	2,840	2,820	2,940	2,920	2,880	2,810	3,560	3,530	4,030	3,990	3,910	3,850
20	2,820	2,810	2,940	2,910	2,810	2,760	3,560	3,530	4,050	3,990	3,860	3,800
21	2,830	2,800	2,960	2,920	2,770	2,760	3,540	3,520	4,090	4,030	3,800	3,680
22	2,850	2,820	2,970	2,950	2,760	2,760	3,560	3,510	4,090	4,060	3,680	3,610
23	2,880	2,850	2,960	2,920	2,770	2,750	3,550	3,540	4,080	4,040	3,720	3,630
24	2,860	2,850	2,920	2,900	2,760	2,750	3,540	3,510	4,090	4,060	3,890	3,720
25	2,870	2,850	2,900	2,880	2,820	2,760	3,520	3,400	4,070	4,040	3,970	3,890
26	2,870	2,850	2,890	2,870	2,840	2,820	3,400	3,280	4,080	4,040	3,990	3,970
27	2,850	2,820	2,870	2,850	2,840	2,820	3,430	3,310	4,100	4,060	4,000	3,950
28	2,850	2,820	2,860	2,820	2,820	2,790	3,460	3,430	4,170	4,100	3,950	3,840
29	2,890	2,850	2,820	2,810	2,840	2,760	3,470	3,450	4,240	4,160	3,850	3,820
30	2,920	2,890	2,840	2,810	2,780	2,720	3,460	3,450	4,250	4,210	3,950	3,850
31	---	---	2,840	2,820	---	---	3,470	3,450	4,230	4,190	---	---
MONTH	3,010	2,800	3,020	2,810	2,960	2,720	3,560	2,720	4,250	3,470	4,200	3,610
YEAR	4,990	2,720										

02306000 SULPHUR SPRINGS AT SULPHUR SPRINGS, FL.—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	25.4	25.3	25.4	25.3	25.2	25.2	24.9	24.8	24.7	24.6	24.5	24.4
2	25.4	25.3	25.4	25.3	25.2	25.2	24.9	24.8	24.7	24.6	24.6	24.4
3	25.4	25.3	25.4	25.3	25.2	25.1	24.9	24.8	24.7	24.6	24.5	24.5
4	25.4	25.3	25.4	25.3	25.2	25.1	24.9	24.8	24.6	24.5	24.6	24.4
5	25.4	25.3	25.4	25.3	25.2	25.1	24.9	24.8	24.6	24.5	24.6	24.5
6	25.4	25.3	25.4	25.3	25.2	25.1	24.9	24.8	24.6	24.5	24.6	24.5
7	25.3	25.3	25.4	25.3	25.2	25.1	24.8	24.8	24.6	24.5	24.6	24.5
8	25.4	25.3	25.4	25.3	25.2	25.1	24.8	24.8	24.6	24.5	24.6	24.5
9	25.4	25.3	25.4	25.3	25.2	25.1	24.8	24.7	24.6	24.5	24.5	24.5
10	25.3	25.3	25.4	25.3	25.2	25.1	24.8	24.7	24.6	24.5	24.5	24.4
11	25.3	25.3	25.3	25.3	25.1	25.1	24.8	24.7	24.6	24.4	24.6	24.4
12	25.4	25.3	25.3	25.3	25.1	25.1	24.8	24.7	24.6	24.5	24.6	24.4
13	25.4	25.3	25.3	25.3	25.1	25.1	24.8	24.7	24.6	24.5	24.6	24.5
14	25.4	25.3	25.3	25.3	25.1	25.0	24.7	24.7	24.6	24.5	24.5	24.5
15	25.4	25.3	25.3	25.3	25.1	25.0	24.7	24.7	24.7	24.5	24.5	24.5
16	25.3	25.3	25.3	25.2	25.1	25.0	24.8	24.7	24.7	24.5	24.5	24.5
17	25.4	25.3	25.3	25.2	25.1	25.0	24.8	24.7	24.6	24.5	24.5	24.4
18	25.4	25.3	25.3	25.2	25.1	25.0	24.8	24.7	24.6	24.5	24.5	24.4
19	25.4	25.3	25.3	25.2	25.1	25.0	24.8	24.7	24.6	24.5	24.5	24.4
20	25.4	25.3	25.3	25.2	25.0	24.9	24.8	24.7	24.6	24.5	24.6	24.4
21	25.4	25.3	25.3	25.2	25.1	24.9	24.8	24.7	24.6	24.5	24.5	24.5
22	25.4	25.3	25.3	25.2	25.1	25.0	24.7	24.7	24.7	24.5	24.6	24.5
23	25.4	25.3	25.3	25.2	25.0	25.0	24.7	24.6	24.6	24.5	24.5	24.5
24	25.4	25.3	25.3	25.2	25.0	24.9	24.7	24.6	24.6	24.5	24.6	24.5
25	25.4	25.3	25.3	25.2	25.0	24.9	24.7	24.6	24.6	24.5	24.6	24.5
26	25.4	25.3	25.3	25.2	24.9	24.7	24.7	24.6	24.6	24.5	24.6	24.5
27	25.4	25.3	25.2	25.2	24.8	24.7	24.7	24.6	24.6	24.5	24.6	24.5
28	25.4	25.3	25.2	25.2	25.0	24.8	24.7	24.6	24.6	24.4	24.6	24.5
29	25.4	25.3	25.2	25.2	25.0	24.9	24.7	24.6	---	---	24.7	24.5
30	25.4	25.3	25.2	25.2	25.0	24.9	24.7	24.6	---	---	24.7	24.5
31	25.4	25.3	---	---	24.9	24.8	24.7	24.6	---	---	24.7	24.5
MONTH	25.4	25.3	25.4	25.2	25.2	24.7	24.9	24.6	24.7	24.4	24.7	24.4
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.7	24.5	24.8	24.7	25.0	24.9	25.4	25.2	25.3	25.2	25.3	25.3
2	24.7	24.5	24.8	24.7	25.1	24.9	25.4	25.3	25.3	25.2	25.4	25.3
3	24.7	24.5	24.9	24.7	25.1	24.9	25.4	25.2	25.3	25.2	25.4	25.3
4	24.7	24.6	24.8	24.7	25.1	25.0	25.3	25.2	25.3	25.2	25.4	25.3
5	24.7	24.6	24.9	24.7	25.1	25.0	25.3	25.2	25.2	25.2	25.4	25.3
6	24.7	24.6	24.8	24.7	25.1	25.0	25.3	25.2	25.2	25.2	25.3	25.3
7	24.7	24.6	24.9	24.7	25.1	25.0	25.2	25.1	25.4	25.2	25.3	25.2
8	24.7	24.6	24.9	24.7	25.2	25.0	25.2	25.1	25.4	25.3	25.3	25.2
9	24.7	24.6	24.9	24.7	25.1	25.0	25.2	25.1	25.4	25.3	25.3	25.2
10	24.8	24.6	24.8	24.7	25.1	25.0	25.2	25.1	25.4	25.3	25.3	25.2
11	24.8	24.6	24.9	24.8	25.2	25.1	25.3	25.2	25.3	25.2	25.3	25.2
12	24.8	24.7	24.9	24.8	25.2	25.1	25.3	25.2	25.3	25.2	25.3	25.2
13	24.8	24.6	24.9	24.8	25.2	25.1	25.3	25.2	25.3	25.2	25.3	25.2
14	24.8	24.6	24.9	24.8	25.2	25.1	25.4	25.2	25.3	25.2	25.3	25.2
15	24.8	24.6	24.9	24.8	25.2	25.1	25.4	25.3	25.3	25.2	25.3	25.2
16	24.8	24.6	24.9	24.8	25.2	25.1	25.4	25.3	25.3	25.2	25.3	25.2
17	24.8	24.6	24.9	24.8	25.2	25.1	25.4	25.2	25.3	25.2	25.3	25.2
18	24.9	24.6	25.0	24.8	25.2	25.1	25.3	25.2	25.4	25.3	25.3	25.2
19	24.9	24.7	25.0	24.8	25.2	25.1	25.3	25.2	25.4	25.3	25.4	25.2
20	24.9	24.7	25.0	24.8	25.2	25.1	25.3	25.2	25.5	25.3	25.3	25.2
21	24.8	24.7	25.0	24.8	25.1	25.1	25.3	25.2	25.4	25.3	25.3	25.2
22	24.9	24.7	25.0	24.8	25.1	25.1	25.3	25.2	25.4	25.3	25.3	25.2
23	24.8	24.7	25.0	24.9	25.2	25.1	25.3	25.2	25.4	25.3	25.3	25.2
24	24.8	24.6	25.0	24.9	25.2	25.1	25.2	25.1	25.5	25.4	25.3	25.2
25	24.8	24.6	25.0	24.9	25.2	25.1	25.2	25.1	25.5	25.4	25.3	25.2
26	24.8	24.6	25.0	24.9	25.2	25.1	25.4	25.2	25.5	25.3	25.3	25.2
27	24.8	24.6	25.1	24.9	25.2	25.1	25.4	25.3	25.4	25.3	25.3	25.2
28	24.8	24.6	25.1	24.9	25.2	25.1	25.3	25.2	25.4	25.3	25.3	25.2
29	24.8	24.6	25.0	24.9	25.2	25.1	25.3	25.2	25.4	25.3	25.3	25.2
30	24.8	24.7	25.1	24.9	25.2	25.1	25.3	25.2	25.4	25.3	25.3	25.2
31	---	---	25.1	24.9	---	---	25.3	25.2	25.4	25.3	---	---
MONTH	24.9	24.5	25.1	24.7	25.2	24.9	25.4	25.1	25.5	25.2	25.4	25.2
YEAR	25.5	24.4										

023060003 SULPHUR SPRINGS RUN AT SULPHUR SPRINGS, FL.

LOCATION.--Lat 28° 01'15", long 82° 27'09" (1927 North American datum), in NE 1/ 4 sec.25, T.28 S., R.18 E., Hillsborough County, Hydrologic Unit 03100205, about 300 feet downstream from the Sulphur Springs Pool, and 200 feet upstream from confluence with Hillsborough River.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1999 to June 2004 (gage heights only); July 2004 to current year (residual daily mean discharge).

GAGE.--Water-stage and velocity recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Residual discharge records poor. Gage is affected by tidally influenced Hillsborough River. During periods of minimum gage heights, gage may have been isolated from the spring run. Actual minimum gage heights may be lower than reported. Maximum and minimum extremes represent gage height extrememns not tidal high-high and low-low. Instantaneous discharge computed from index-velocity linear regression relation and gage height-to-area relation. During periods of gage heights over the weir, the index-velocity relation probably doe not work well because the velocity distribution over the weir is unknown. A ninth-order Butterworth low-pass filter is used to yield the residual discharges for the Sulpher Springs Run station. The residual discharges are not total "freshwater" flow from the springs, but are a combination of freshwater flow and water storage caused by higher and lower Hillsborough River mean water levels. The residual discharge is used ot estimate mean and median discharge values.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily mean residual discharge, 56 ft^3/s (estimated), Sept. 8, 9, 2004; maximum gage height, 6.58 ft, Sept. 6, 2004; minimum daily mean residual discharge, 12 ft^3/s, May 27, 29, 2005; minimum gage height, 0.44 ft below NGVD, several days in 2000.

EXTREMES FOR CURRENT YEAR.--Maximum daily mean residual discharge, 48 ft^3/s, Oct. 2; maximum gage height, 4.53 ft, July 10; minimum daily mean residual discharge, 12 ft^3/s, May 27, 29; minimum gage height, 0.00 ft NGVD, Feb. 19.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	47	38	32	19	26	16	28	16	14	33	36	35
2	48	32	31	19	26	15	28	17	15	33	36	40
3	46	29	31	24	26	15	26	16	16	34	36	39
4	47	29	30	28	26	16	26	15	15	33	36	39
5	44	32	30	28	26	16	26	20	16	34	36	38
6	43	28	30	28	26	16	26	24	26	33	38	38
7	43	28	30	28	26	23	26	26	27	34	40	38
8	44	28	30	28	24	26	27	27	27	34	39	37
9	43	27	30	28	25	26	27	26	28	33	39	37
10	43	31	30	27	26	26	27	26	27	33	39	37
11	43	33	30	27	19	26	19	26	28	35	38	36
12	43	33	30	27	17	26	18	26	30	35	e38	36
13	43	33	30	27	15	26	17	26	30	37	e38	36
14	42	33	29	28	15	27	16	26	30	38	e38	35
15	42	32	28	27	15	26	16	25	30	38	e38	35
16	42	33	29	27	15	27	15	20	29	38	e38	35
17	41	32	26	26	15	28	15	18	30	37	e38	35
18	41	33	22	26	15	27	15	16	29	37	e37	34
19	41	33	21	27	15	27	14	15	29	37	e34	29
20	41	32	19	26	16	27	15	16	29	36	e33	25
21	40	32	19	27	18	27	15	15	28	e35	e32	23
22	40	33	18	28	17	28	15	14	28	e35	e32	24
23	39	32	20	27	16	28	15	14	28	e35	e31	31
24	39	31	19	26	16	28	16	15	28	e35	e30	33
25	39	33	19	26	15	27	15	15	29	e36	e28	33
26	39	32	28	27	15	26	14	13	28	e37	26	33
27	38	32	28	27	14	27	16	12	29	38	27	33
28	38	32	22	26	16	27	16	13	30	37	27	32
29	38	32	20	27	---	26	16	12	31	38	28	34
30	38	32	18	27	---	27	15	13	34	36	28	33
31	37	---	19	26	---	27	---	15	---	36	28	---
MEAN	41.7	31.7	25.7	26.4	19.3	24.5	19.3	18.6	26.6	35.5	34.3	34.1
MAX	48	38	32	28	26	28	28	27	34	38	40	40
MIN	37	27	18	19	14	15	14	12	14	33	26	23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2005, BY WATER YEAR (WY)

MEAN	41.7	31.7	25.7	26.4	19.3	24.5	19.3	18.6	26.6	35.5	37.3	41.4
MAX	41.7	31.7	25.7	26.4	19.3	24.5	19.3	18.6	26.6	35.5	40.3	48.7
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)
MIN	41.7	31.7	25.7	26.4	19.3	24.5	19.3	18.6	26.6	35.5	34.3	34.1
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)

SUMMARY STATISTICS	FOR 2005 WATER YEAR		WATER YEARS 2003 - 2005	
ANNUAL MEAN	28.2		28.2	
HIGHEST ANNUAL MEAN			28.2	2005
LOWEST ANNUAL MEAN			28.2	2005
HIGHEST DAILY MEAN	48	Oct 2	56	Sep 8, 2004
LOWEST DAILY MEAN	12	May 27	12	May 27, 2005
ANNUAL SEVEN-DAY MINIMUM	13	May 26	13	May 26, 2005
10 PERCENT EXCEEDS	38		38	
50 PERCENT EXCEEDS	28		28	
90 PERCENT EXCEEDS	15		15	

e Estimated

023060003 SULPHUR SPRINGS RUN AT SULPHUR SPRINGS, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	2.48	0.57	2.65	0.46	2.19	0.35	1.32	0.23	2.32	0.29	1.27	0.10
2	2.38	0.55	2.61	0.36	1.70	0.35	1.45	0.23	2.19	0.28	1.27	0.09
3	2.31	0.55	2.38	0.31	1.40	0.35	1.45	0.24	2.67	0.26	1.15	0.10
4	2.27	0.55	2.16	0.30	1.31	0.34	1.56	0.29	1.17	0.25	1.53	0.10
5	2.13	0.57	2.30	0.34	1.39	0.35	1.79	0.30	1.93	0.25	1.60	0.10
6	1.90	0.57	0.95	0.31	1.72	0.34	1.95	0.29	2.79	0.25	1.75	0.09
7	1.51	0.55	1.77	0.29	2.05	0.34	2.01	0.29	2.75	0.25	2.57	0.10
8	1.97	0.56	1.69	0.28	1.98	0.33	2.14	0.28	2.89	0.25	2.69	0.26
9	2.48	0.57	1.58	0.27	2.47	0.33	2.03	0.28	3.16	0.75	1.51	0.24
10	2.56	0.56	1.94	0.26	2.61	0.33	2.17	0.28	3.19	0.29	1.78	0.25
11	2.89	0.95	2.93	0.37	2.52	0.32	2.29	0.28	1.33	0.15	2.13	0.25
12	3.06	1.37	3.12	0.39	2.04	0.31	2.62	0.27	1.45	0.13	1.49	0.25
13	3.02	1.26	3.37	0.39	2.29	0.32	2.56	0.27	2.43	0.13	2.01	0.25
14	2.79	0.72	2.64	0.37	2.31	0.31	2.93	0.28	2.11	0.16	1.73	0.25
15	3.14	1.10	1.53	0.37	0.33	0.30	0.68	0.27	1.92	0.12	1.77	0.26
16	2.65	0.52	1.90	0.37	0.57	0.31	0.47	0.27	1.99	0.10	2.37	0.26
17	2.61	0.51	2.20	0.37	1.03	0.25	0.70	0.27	1.79	0.10	2.05	0.27
18	2.71	0.51	1.84	0.37	1.17	0.25	0.72	0.26	1.17	0.08	0.93	0.27
19	2.88	0.51	1.84	0.38	1.25	0.24	1.50	0.27	1.41	0.07	0.89	0.27
20	2.62	0.51	1.94	0.37	0.83	0.24	2.16	0.27	1.68	0.09	1.77	0.27
21	2.14	0.50	1.89	0.38	1.57	0.23	2.30	0.28	1.81	0.12	2.18	0.27
22	1.47	0.49	2.23	0.37	2.27	0.23	2.79	0.27	1.94	0.14	2.18	0.27
23	2.10	0.48	2.49	0.37	2.18	0.19	2.83	0.26	1.83	0.11	2.19	0.28
24	2.46	0.49	3.60	0.37	1.90	0.23	1.72	0.25	2.04	0.11	2.35	0.27
25	2.27	0.48	3.48	0.52	2.40	0.16	1.84	0.26	2.02	0.09	2.01	0.26
26	2.13	0.47	1.78	0.36	3.86	0.30	2.29	0.27	1.41	0.08	1.99	0.26
27	2.04	0.47	3.30	0.36	0.52	0.29	2.32	0.27	3.33	0.08	2.67	0.26
28	2.19	0.47	3.28	0.36	0.83	0.24	1.85	0.28	2.11	0.12	2.42	0.26
29	2.49	0.47	1.69	0.35	1.24	0.23	1.63	0.28	---	---	1.91	0.25
30	2.51	0.46	2.02	0.35	1.57	0.23	2.20	0.30	---	---	1.96	0.25
31	2.73	0.45	---	---	1.66	0.23	1.75	0.26	---	---	2.59	0.24
MONTH	3.14	0.45	3.60	0.26	3.86	0.16	2.93	0.23	3.33	0.07	2.69	0.09
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	2.75	0.26	2.67	0.03	2.33	0.13	2.37	0.53	2.33	0.42	2.53	0.45
2	1.57	0.27	1.69	0.04	2.41	0.04	2.80	0.63	2.41	0.42	2.75	0.47
3	1.27	0.24	1.52	0.03	2.43	0.05	2.77	0.57	2.47	0.41	2.36	0.47
4	1.57	0.23	2.31	0.03	2.45	0.04	2.65	0.54	2.47	0.41	2.19	0.49
5	1.95	0.23	2.57	0.05	2.47	0.05	2.83	0.54	2.45	0.42	2.05	0.49
6	2.12	0.24	1.53	0.23	2.38	0.25	2.96	0.39	2.35	0.44	2.06	0.50
7	2.60	0.25	1.85	0.24	2.52	0.26	2.74	0.37	2.54	0.45	2.20	0.53
8	2.68	0.25	2.49	0.25	2.35	0.26	2.77	0.38	2.13	0.45	2.09	0.47
9	1.89	0.24	2.48	0.26	3.09	0.26	3.33	0.39	1.92	0.46	2.05	0.44
10	2.06	0.24	2.55	0.26	2.01	0.29	4.53	0.87	1.93	0.46	2.08	0.43
11	2.51	0.10	2.29	0.24	2.80	0.29	2.56	0.41	1.89	0.47	2.04	0.42
12	2.92	0.09	2.37	0.24	2.36	0.29	2.71	0.40	2.09	0.45	2.21	0.42
13	2.45	0.07	2.19	0.24	1.89	0.31	2.67	0.57	2.34	0.45	2.57	0.41
14	2.09	0.04	2.06	0.24	1.61	0.31	2.19	0.79	2.27	0.45	2.87	1.31
15	1.17	0.01	1.97	0.25	1.70	0.30	2.26	0.48	2.45	0.45	2.73	0.40
16	0.85	0.00	1.58	0.26	1.99	0.35	2.56	0.51	2.48	0.44	3.01	0.40
17	0.93	0.01	1.40	0.10	2.33	0.32	2.45	0.45	2.68	0.44	2.70	0.40
18	1.08	0.00	1.57	0.07	2.52	0.29	2.69	0.45	2.94	0.32	2.69	0.40
19	1.48	-0.01	1.88	0.05	2.46	0.29	2.90	0.45	3.13	0.32	2.21	0.25
20	1.82	-0.01	2.16	0.03	2.29	0.29	3.11	0.44	2.93	0.30	1.43	0.21
21	2.03	0.00	2.45	0.01	2.57	0.29	3.30	0.45	2.79	0.31	2.87	0.20
22	2.19	0.00	2.11	0.00	2.82	0.28	3.16	0.44	2.50	0.27	4.05	0.24
23	2.73	0.14	2.49	0.01	4.36	0.29	2.65	0.43	2.32	0.27	3.31	0.39
24	1.81	0.01	2.68	0.00	2.45	0.45	3.09	0.43	2.16	0.27	2.93	0.39
25	2.16	0.00	3.07	0.00	2.75	0.45	2.05	0.48	2.08	0.26	2.09	0.38
26	3.11	0.01	2.74	-0.01	2.53	0.45	2.05	0.47	0.74	0.25	2.06	0.38
27	2.66	0.02	2.91	-0.01	2.25	0.45	2.00	0.45	2.76	0.29	1.96	0.37
28	1.94	0.02	2.53	-0.01	2.29	0.46	1.91	0.44	3.35	0.34	2.26	0.37
29	2.53	0.02	1.91	0.01	2.29	0.54	2.09	0.43	3.11	0.47	2.42	0.38
30	3.00	0.03	2.05	-0.01	2.43	0.55	2.10	0.43	2.86	0.29	2.37	0.38
31	---	---	2.25	0.00	---	---	2.26	0.43	2.53	0.26	---	---
MONTH	3.11	-0.01	3.07	-0.01	4.36	0.04	4.53	0.37	3.35	0.25	4.05	0.20
YEAR	4.53	-0.01										

023060003 SULPHUR SPRINGS RUN AT SULPHUR SPRINGS, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1999 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of a specific conductance and temperature probe located near the bottom.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 32,200 microsiemens, June 10, 2000; minimum, 1,430 microsiemens, Apr. 29, 2002.

TEMPERATURE.--Maximum, 31.6° C, May 26, 2000; minimum, 14.8° C, Jan. 5, 2001.

EXTREMES F0R CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Maximum, 4,990 microsiemens, Oct. 12, 13; minimum, 2,670 microsiemens, May 31.

TEMPERATURE.--Maximum, 26.1° C, Aug. 24; minimum, 23.5° C, Mar. 2.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	4,760	4,650	4,600	4,560	4,250	4,220	4,340	4,310	3,820	3,780	3,700	3,640
2	4,690	4,560	4,630	4,550	4,230	4,200	4,320	4,290	3,780	3,740	3,700	3,660
3	4,650	4,530	4,680	4,630	4,230	4,210	4,300	4,280	3,770	3,750	3,670	3,620
4	4,630	4,530	4,730	4,680	4,210	4,120	4,280	4,230	3,780	3,750	3,680	3,610
5	4,630	4,590	4,750	4,670	4,120	4,020	4,240	4,170	3,760	3,720	3,700	3,670
6	4,660	4,600	4,740	4,660	4,020	3,970	4,170	4,060	3,730	3,680	3,710	3,690
7	4,720	4,650	4,720	4,660	3,990	3,970	4,060	3,990	3,700	3,670	3,720	3,670
8	4,780	4,710	4,760	4,660	3,990	3,960	3,990	3,940	3,710	3,680	3,710	3,660
9	4,840	4,760	4,820	4,710	4,000	3,970	3,940	3,870	3,720	3,690	3,710	3,650
10	4,860	4,740	4,740	4,490	4,030	3,990	3,890	3,850	3,750	3,710	3,660	3,600
11	4,930	4,790	4,490	4,460	4,060	4,030	3,870	3,840	3,750	3,710	3,620	3,590
12	4,990	4,920	4,480	4,440	4,050	4,010	3,860	3,840	3,740	3,680	3,620	3,590
13	4,990	4,920	4,500	4,390	4,020	3,970	3,870	3,850	3,700	3,670	3,610	3,560
14	4,950	4,880	4,420	4,360	4,160	4,020	3,890	3,860	3,720	3,680	3,570	3,530
15	4,960	4,870	4,360	4,280	4,210	4,160	3,910	3,880	3,740	3,720	3,560	3,520
16	4,880	4,760	4,320	4,220	4,220	4,190	3,900	3,850	3,760	3,710	3,570	3,560
17	4,870	4,700	4,280	4,230	4,240	4,200	3,850	3,800	3,720	3,670	3,590	3,530
18	4,830	4,730	4,250	4,150	4,270	4,240	3,800	3,740	3,700	3,660	3,620	3,590
19	4,840	4,720	4,230	4,210	4,320	4,270	3,750	3,710	3,670	3,620	3,620	3,590
20	4,840	4,670	4,290	4,230	4,320	4,300	3,750	3,730	3,620	3,580	3,610	3,590
21	4,800	4,680	4,310	4,290	4,310	4,260	3,820	3,750	3,610	3,580	3,630	3,590
22	4,740	4,590	4,310	4,300	4,320	4,290	3,850	3,810	3,620	3,580	3,670	3,630
23	4,640	4,570	4,310	4,280	4,380	4,320	3,890	3,850	3,590	3,550	3,670	3,630
24	4,610	4,570	4,280	4,250	4,420	4,370	3,860	3,790	3,570	3,530	3,630	3,530
25	4,640	4,580	4,290	4,240	4,430	4,290	3,790	3,750	3,640	3,560	3,530	3,390
26	4,660	4,600	4,280	4,250	4,450	4,350	3,800	3,760	3,650	3,600	3,390	3,280
27	4,620	4,550	4,270	4,240	4,400	4,360	3,830	3,790	3,650	3,400	3,280	3,220
28	4,590	4,500	4,280	4,250	4,390	4,330	3,820	3,790	3,640	3,590	3,220	3,190
29	4,630	4,540	4,260	4,240	4,360	4,290	3,810	3,780	---	---	3,200	3,190
30	4,630	4,530	4,250	4,190	4,330	4,290	3,810	3,790	---	---	3,200	3,120
31	4,600	4,490	---	---	4,340	4,320	3,820	3,800	---	---	3,120	3,050
MONTH	4,990	4,490	4,820	4,150	4,450	3,960	4,340	3,710	3,820	3,400	3,720	3,050

023060003 SULPHUR SPRINGS RUN AT SULPHUR SPRINGS, FL.—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	3,050	3,030	3,050	2,950	2,880	2,860	2,800	2,760	3,550	3,490	4,290	4,190
2	3,050	3,000	3,050	3,030	2,880	2,820	3,070	2,800	3,660	3,540	4,200	4,130
3	3,090	3,050	3,070	3,040	2,880	2,860	3,220	3,070	3,730	3,660	4,130	4,100
4	3,060	2,980	3,100	3,070	2,970	2,880	3,270	3,210	3,790	3,670	4,120	4,090
5	2,990	2,950	3,110	3,070	3,010	2,930	3,300	3,260	3,780	3,730	4,130	4,110
6	2,950	2,920	3,130	3,090	3,010	2,980	3,330	3,250	3,770	3,620	4,130	4,110
7	2,930	2,920	3,130	3,100	2,990	2,940	3,360	3,310	3,690	3,580	4,120	4,090
8	3,000	2,920	3,100	3,050	2,980	2,960	3,410	3,350	3,690	3,570	4,100	4,080
9	3,070	2,990	3,050	3,040	2,960	2,850	3,430	3,340	3,880	3,690	4,090	4,060
10	3,070	3,040	3,050	3,030	2,930	2,860	3,440	3,420	3,990	3,880	4,060	4,030
11	3,040	2,960	3,050	3,020	2,860	2,820	3,500	3,420	4,050	3,990	4,040	4,000
12	2,960	2,930	3,020	2,990	2,850	2,820	3,550	3,490	4,050	4,030	4,000	4,000
13	2,990	2,890	2,990	2,970	2,900	2,830	3,560	3,040	4,060	4,040	4,020	4,000
14	3,040	2,990	2,980	2,970	2,940	2,900	3,450	3,360	4,070	3,860	4,010	3,960
15	3,080	3,040	2,990	2,950	2,980	2,940	3,370	3,340	4,040	3,910	3,960	3,950
16	3,080	3,030	2,970	2,930	2,990	2,970	3,440	3,370	4,030	4,000	4,010	3,950
17	3,040	2,960	2,940	2,910	2,990	2,970	3,520	3,440	4,040	4,000	4,030	3,990
18	2,970	2,930	3,010	2,940	2,990	2,970	3,570	3,510	4,110	4,020	4,020	3,990
19	2,950	2,920	3,030	3,000	2,970	2,900	3,590	3,560	4,120	4,080	3,990	3,930
20	2,940	2,910	3,040	2,970	2,900	2,850	3,590	3,560	4,140	4,070	3,950	3,870
21	2,940	2,910	3,050	3,000	2,850	2,830	3,570	3,550	4,170	4,120	3,880	3,750
22	2,960	2,920	3,060	3,010	2,840	2,830	3,580	3,540	4,170	4,070	3,750	3,660
23	2,990	2,950	3,050	3,020	2,840	2,800	3,580	3,560	4,160	4,120	3,790	3,690
24	2,980	2,960	3,020	2,970	2,830	2,810	3,570	3,390	4,170	4,140	3,960	3,790
25	2,990	2,970	2,980	2,960	2,880	2,820	3,540	3,430	4,160	4,120	4,050	3,960
26	2,990	2,880	2,980	2,950	2,910	2,870	3,440	3,310	4,170	4,040	4,070	4,040
27	2,980	2,930	2,960	2,920	2,900	2,800	3,450	3,320	4,170	4,140	4,090	4,040
28	2,980	2,940	2,930	2,890	2,870	2,790	3,490	3,450	4,230	4,160	4,040	3,860
29	3,020	2,980	2,900	2,870	2,880	2,760	3,490	3,470	4,310	4,230	3,930	3,900
30	3,040	3,010	2,900	2,880	2,820	2,730	3,490	3,460	4,330	4,290	4,040	3,920
31	---	---	2,910	2,670	---	---	3,490	3,470	4,320	4,270	---	---
MONTH	3,090	2,880	3,130	2,670	3,010	2,730	3,590	2,760	4,330	3,490	4,290	3,660
YEAR	4,990	2,670										

023060003 SULPHUR SPRINGS RUN AT SULPHUR SPRINGS, FL.—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	25.6	25.2	25.5	25.2	25.3	25.0	24.8	24.5	24.6	23.9	24.4	23.8
2	25.6	25.2	25.5	25.2	25.2	24.9	24.7	24.5	24.6	24.0	24.3	23.5
3	25.6	25.2	25.5	25.2	25.0	24.7	24.8	24.4	24.7	24.3	24.1	23.7
4	25.6	25.2	25.5	25.2	24.9	24.7	24.8	24.4	24.4	23.8	24.4	23.7
5	25.7	25.2	25.3	25.0	25.1	24.7	24.9	24.5	24.4	23.8	24.5	23.8
6	25.5	25.2	25.3	24.9	25.2	24.8	24.9	24.5	24.5	23.9	24.6	23.9
7	25.5	25.1	25.3	24.9	25.2	24.9	24.9	24.5	24.6	24.1	24.7	24.1
8	25.6	25.1	25.4	24.9	25.2	24.9	24.9	24.5	24.6	24.1	24.5	24.0
9	25.6	25.2	25.4	25.0	25.3	24.9	24.8	24.5	24.6	24.1	24.2	23.8
10	25.5	25.2	25.3	24.9	25.2	24.9	24.9	24.4	24.5	23.7	24.4	23.9
11	25.4	25.2	25.4	25.0	24.9	24.6	24.8	24.5	24.1	23.5	24.6	24.0
12	25.6	25.2	25.4	25.1	24.8	24.4	24.7	24.4	24.4	23.7	24.6	24.0
13	25.5	25.2	25.4	25.1	25.0	24.6	24.9	24.5	24.5	23.7	24.8	24.1
14	25.5	25.1	25.3	25.0	24.9	24.3	24.7	24.2	24.7	23.9	24.7	24.2
15	25.4	25.0	25.2	24.9	24.5	24.2	24.5	24.1	24.8	24.2	24.5	24.2
16	25.4	25.0	25.3	25.0	24.8	24.3	24.4	24.1	24.7	24.0	24.7	24.3
17	25.4	25.0	25.2	25.0	24.9	24.6	24.2	23.8	24.7	24.2	24.5	24.1
18	25.5	25.1	25.3	25.0	24.9	24.6	24.2	23.8	24.3	23.5	24.5	23.8
19	25.6	25.2	25.3	25.0	24.7	24.4	24.5	23.9	24.4	23.5	24.5	23.8
20	25.6	25.3	25.3	25.0	24.6	24.0	24.6	24.2	24.6	23.8	24.6	23.9
21	25.5	25.2	25.3	24.9	24.9	24.2	24.7	24.2	24.7	24.1	24.6	24.1
22	25.4	25.1	25.4	25.0	25.0	24.4	24.8	24.4	24.8	24.2	24.9	24.3
23	25.5	25.1	25.4	25.0	25.0	24.7	24.5	23.6	24.8	24.3	24.5	24.3
24	25.5	25.1	25.4	25.1	24.7	24.3	24.2	23.6	24.6	24.3	24.7	24.2
25	25.5	25.2	25.2	24.9	24.6	24.0	24.5	24.0	24.7	23.9	24.9	24.4
26	25.4	25.1	25.0	24.6	24.7	24.1	24.6	24.2	24.6	23.9	24.9	24.3
27	25.5	25.1	25.2	24.8	24.4	24.0	24.7	24.1	24.7	23.9	25.0	24.3
28	25.4	25.1	25.2	24.9	24.6	24.2	24.4	24.1	24.7	23.9	24.8	24.1
29	25.5	25.2	25.1	24.8	24.7	24.4	24.6	24.1	---	---	24.8	24.1
30	25.5	25.2	25.2	24.7	24.7	24.4	24.7	24.1	---	---	24.9	24.0
31	25.5	25.2	---	---	24.9	24.5	24.5	24.0	---	---	25.0	24.3
MONTH	25.7	25.0	25.5	24.6	25.3	24.0	24.9	23.6	24.8	23.5	25.0	23.5
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.0	24.3	25.1	24.1	25.3	24.8	25.8	25.2	25.8	25.2	25.5	25.2
2	24.7	24.1	25.1	24.4	25.5	24.8	25.8	25.3	25.6	25.1	25.7	25.2
3	24.6	23.9	25.3	24.3	25.5	24.9	25.9	25.2	25.6	25.1	25.8	25.3
4	24.9	24.0	24.8	24.3	25.3	24.9	25.8	25.2	25.6	25.1	25.8	25.3
5	24.9	24.1	25.1	24.5	25.5	24.9	25.8	25.1	25.6	25.1	25.7	25.2
6	25.0	24.3	25.0	24.3	25.5	24.9	25.8	25.1	25.7	25.1	25.7	25.2
7	25.0	24.4	25.2	24.3	25.5	24.9	25.6	25.1	25.7	25.1	25.6	25.2
8	25.0	24.2	25.2	24.4	25.7	24.9	25.6	25.1	25.8	25.3	25.6	25.2
9	25.0	24.2	25.3	24.4	25.5	24.9	25.4	25.0	25.8	25.3	25.7	25.2
10	25.0	24.1	25.1	24.4	25.2	24.9	25.5	25.1	25.8	25.2	25.6	25.1
11	25.3	24.0	25.2	24.5	25.7	25.0	25.8	25.2	25.8	25.2	25.6	25.2
12	25.3	24.2	25.3	24.4	25.5	25.0	25.6	25.2	25.7	25.2	25.6	25.1
13	25.1	24.2	25.2	24.4	25.6	25.0	25.6	25.0	25.7	25.2	25.6	25.2
14	25.1	23.9	25.3	24.4	25.6	25.0	25.8	25.2	25.6	25.0	25.7	25.2
15	24.7	23.6	25.3	24.5	25.7	25.1	25.9	25.2	25.7	25.2	25.6	25.1
16	24.7	23.6	25.3	24.5	25.7	25.1	25.8	25.3	25.7	25.2	25.7	25.2
17	24.8	23.6	25.4	24.5	25.6	25.1	25.8	25.2	25.8	25.2	25.7	25.1
18	25.0	23.5	25.5	24.5	25.7	25.0	25.6	25.2	25.8	25.2	25.6	25.1
19	25.3	23.9	25.6	24.5	25.7	25.0	25.7	25.2	25.8	25.2	25.8	25.1
20	25.3	24.1	25.5	24.5	25.6	25.0	25.7	25.1	25.9	25.3	25.7	25.2
21	25.1	24.1	25.6	24.6	25.4	25.0	25.7	25.1	25.9	25.3	25.8	25.2
22	25.3	24.1	25.5	24.5	25.4	24.9	25.7	25.1	26.0	25.3	25.5	25.2
23	25.2	24.2	25.5	24.6	25.7	24.9	25.6	25.1	26.0	25.3	25.6	25.2
24	25.0	23.8	25.3	24.6	25.5	24.9	25.6	25.1	26.1	25.3	25.7	25.2
25	25.1	23.7	25.7	24.3	25.5	24.9	25.7	25.1	26.0	25.3	25.6	25.2
26	25.1	23.9	25.6	24.1	25.7	25.0	25.7	25.2	26.0	25.3	25.6	25.2
27	25.0	24.1	25.7	24.3	25.5	25.0	25.8	25.3	25.7	25.3	25.6	25.2
28	25.1	23.9	25.7	24.7	25.7	25.0	25.7	25.2	25.8	25.3	25.6	25.1
29	25.4	24.0	25.5	24.6	25.6	25.1	25.7	25.1	25.9	25.3	25.6	25.1
30	25.3	24.2	25.8	24.7	25.5	25.1	25.6	25.1	25.8	25.3	25.7	25.2
31	---	---	25.6	24.6	---	---	25.7	25.1	25.9	25.3	---	---
MONTH	25.4	23.5	25.8	24.1	25.7	24.8	25.9	25.0	26.1	25.0	25.8	25.1
YEAR	26.1	23.5										

02306028 HILLSBOROUGH RIVER AT PLATT STREET AT TAMPA, FL.

LOCATION.--Lat 27° 56'30", long 82° 27'32" (1927 North American datum), in SE$^{1}/_{4}$ sec.25, T.29 S., R.18 E., Hillsborough County, Hydrologic Unit 03100205, near center of span on upstream side of bridge at Platt Street near mouth, and 0.6 mi south of downtown post office at Tampa.

DRAINAGE AREA.--694 mi^2.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--January to August 1997 (gage heights only), incomplete; February 2001 to September 2003 (gage heights only); October 2003 to current year (tidal high-high and low-low only). Records prior to 1997 are available in the files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 10.00 ft below National Geodetic Vertical Datum of 1929.

REMARKS.--Interruptions in record were due to days in which a tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low. The extremes for periods published previously as maximum and minimum gage heights are equivalent to tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.83 ft, Sept. 6, 2004; minimum, 6.82 ft, Dec. 15, 2004.

EXTREMES FOR CURRENT PERIOD.--Maximum gage height, 14.12 ft, July 10; minimum, 6.82 ft, Dec. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	12.46		9.48		12.58		9.73		12.11		9.05		11.18		8.95		12.14		9.66		11.28		9.48	
2	12.31		9.35		12.63		9.90		11.67		9.24		11.42		9.33		12.01		9.52		11.27		9.24	
3	12.10		9.22		12.28		9.67		11.43		8.90		11.36		9.25		11.33		9.31		10.98		8.75	
4	12.24		9.56		12.01		10.00		11.28		9.02		11.48		9.49		11.17		8.88		11.50		8.57	
5	11.94		9.56		12.31		9.29		11.28		9.12		11.74		9.24		11.90		8.28		11.50		8.44	
6	11.68		9.46		10.92		9.19		11.64		9.73		11.92		8.90		12.72		8.36		11.73		8.27	
7	11.16		9.07		11.72		9.61		12.02		9.57		12.02		8.75		11.17		8.70		11.18		8.61	
8	11.71		9.53		11.51		9.56		11.78		9.44		10.97		8.52		12.88		9.32		12.67		10.01	
9	12.31		9.86		11.35		9.25		11.47		8.85		10.58		8.18		13.08		9.40		11.51		8.35	
10	12.42		10.04		11.39		8.90		12.53		9.30		12.12		8.19		13.18		9.78		11.67		8.67	
11	12.70		9.91		12.87		9.37		11.57		9.05		12.32		8.47		11.21		8.69		12.02		9.48	
12	12.39		10.07		12.36		9.63		---		7.79		12.64		8.84		11.42		9.32		11.44		9.12	
13	12.48		10.09		13.35		9.43		12.25		8.32		12.58		9.54		12.36		10.16		11.88		9.34	
14	12.27		9.48		12.58		8.54		12.27		8.23		12.73		9.24		12.11		10.09		11.62		9.95	
15	12.79		10.42		11.49		8.20		9.97		6.82		10.56		8.67		11.93		9.98		11.61		8.88	
16	12.32		9.18		11.88		8.65		10.40		8.04		10.32		8.86		11.93		9.51		12.29		8.93	
17	12.38		9.05		12.12		9.05		10.98		8.79		10.67		8.43		11.77		9.71		11.75		9.61	
18	12.50		9.20		11.90		9.33		11.13		9.21		10.70		8.35		11.17		8.66		10.87		9.19	
19	12.71		9.43		11.82		9.62		11.19		9.29		11.43		8.25		11.36		8.32		10.68		8.65	
20	12.51		9.35		11.94		9.96		10.70		8.95		12.12		8.65		11.04		8.69		11.47		8.65	
21	11.98		9.12		11.89		10.13		11.52		8.81		12.30		9.31		11.82		8.99		11.91		9.02	
22	11.32		9.04		12.23		9.80		12.26		8.76		12.71		9.23		11.92		9.02		11.69		9.45	
23	11.98		9.32		12.58		9.83		11.95		9.52		10.08		8.94		11.85		9.03		12.01		9.44	
24	12.26		9.89		13.54		9.91		11.32		8.68		10.45		7.98		12.06		9.48		12.04		9.27	
25	12.17		9.95		11.77		10.44		10.78		8.22		11.68		8.77		11.94		9.30		11.83		9.47	
26	12.09		9.54		10.91		8.63		13.68		8.67		12.27		9.41		11.35		9.15		11.89		9.38	
27	11.88		9.29		13.10		9.03		10.21		7.77		12.32		9.20		13.15		9.70		12.44		9.72	
28	12.14		9.20		11.02		9.09		10.59		7.81		11.86		9.00		12.15		10.15		12.28		9.33	
29	12.46		9.31		11.67		8.78		11.23		8.44		11.48		9.34		---		---		11.79		8.91	
30	12.49		9.41		11.93		8.98		11.47		8.52		12.21		10.23		---		---		11.85		10.51	
31	12.65		9.55		---		---		11.63		9.03		11.74		9.84		---		---		12.37		8.86	
MAX	12.79		10.42		13.54		10.44		---		9.73		12.73		10.23		13.18		10.16		12.67		10.51	
MIN	11.16		9.04		10.91		8.20		---		6.82		10.08		7.98		11.04		8.28		10.68		8.27	

02306028 HILLSBOROUGH RIVER AT PLATT STREET AT TAMPA, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	12.52	8.88	12.65	8.90	12.04	10.16	12.05	9.40	12.21	9.12	12.41	9.32
2	11.54	9.78	11.56	9.41	12.15	9.74	12.34	9.39	12.27	9.03	12.59	9.56
3	11.17	8.03	11.46	9.15	12.37	9.80	11.30	9.19	12.33	9.07	12.18	9.34
4	11.51	8.37	12.08	9.57	12.36	9.34	12.27	9.00	12.32	8.94	11.95	9.71
5	11.35	8.84	12.54	9.85	12.41	9.02	12.54	9.10	12.37	9.13	11.62	9.66
6	12.02	9.30	11.46	8.72	12.36	9.05	12.76	9.32	12.22	9.00	11.80	9.71
7	12.47	9.93	11.70	8.76	12.40	8.84	12.52	9.18	12.29	9.22	11.90	9.78
8	12.52	9.48	12.42	9.11	12.32	8.98	12.52	9.11	11.92	9.65	11.84	9.62
9	11.91	9.07	12.47	9.06	12.19	8.95	12.76	10.13	11.77	9.73	11.81	9.67
10	11.99	8.76	12.52	9.06	11.82	9.49	14.12	10.43	11.76	9.87	11.88	9.47
11	12.47	9.29	12.26	8.86	12.67	12.03	12.31	9.31	11.75	9.82	11.87	9.35
12	12.79	9.99	12.30	---	12.10	9.85	11.93	9.72	11.92	9.69	12.07	9.46
13	12.30	11.06	12.01	9.08	11.67	9.44	11.61	10.37	12.01	9.49	12.02	9.45
14	12.11	9.40	12.00	9.02	11.50	9.55	11.83	9.94	12.16	9.19	12.87	9.62
15	11.09	8.71	11.89	9.39	11.46	9.68	12.08	9.83	11.48	8.81	12.75	9.50
16	10.89	8.13	11.48	9.52	11.82	9.99	12.18	9.61	12.40	9.00	13.00	9.65
17	10.96	8.22	11.36	9.38	12.10	9.82	12.15	8.92	12.62	8.88	12.64	9.78
18	11.05	8.59	11.50	9.38	12.37	9.34	12.43	8.95	12.93	9.02	12.60	9.95
19	11.45	9.05	11.72	9.53	12.28	8.91	12.73	8.84	12.97	8.93	12.10	9.76
20	11.68	9.37	12.08	9.74	12.17	8.63	12.90	8.95	12.89	9.33	11.42	8.72
21	11.98	9.77	12.37	9.42	12.45	8.86	13.04	8.93	12.69	9.73	12.70	9.06
22	12.09	9.80	12.13	8.91	12.72	8.68	12.97	9.12	12.37	9.88	13.79	10.17
23	12.62	10.25	12.43	8.82	13.01	8.76	12.47	9.18	12.18	9.88	13.22	10.15
24	11.75	9.11	12.67	9.09	12.23	8.67	12.40	10.13	12.09	9.74	12.65	9.98
25	12.16	8.95	12.90	8.78	12.61	10.88	11.87	9.19	12.00	9.10	12.08	9.90
26	12.98	9.21	12.73	8.85	12.40	9.15	11.81	9.88	10.52	8.54	12.00	9.88
27	12.60	11.00	12.89	---	11.77	9.56	11.83	9.63	12.76	10.77	11.74	9.89
28	11.90	8.86	12.44	8.98	11.75	9.63	11.72	9.42	13.14	10.30	12.26	9.90
29	12.50	8.80	11.93	9.23	11.91	9.89	11.93	9.37	12.93	10.38	12.37	9.79
30	12.77	9.30	12.05	9.44	11.96	9.64	11.95	9.18	12.09	10.06	12.27	9.77
31	---	---	12.16	9.83	---	---	12.13	9.19	12.48	9.61	---	---
MAX	12.98	11.06	12.90	---	13.01	12.03	14.12	10.43	13.14	10.77	13.79	10.17
MIN	10.89	8.03	11.36	---	11.46	8.63	11.30	8.84	10.52	8.54	11.42	8.72

02306028 HILLSBOROUGH RIVER AT PLATT STREET AT TAMPA, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--January to August 1997 (top and bottom sensors); February 2001 to current year (top, middle, and bottom sensors). Records prior to 1997 are available in files of the U.S. Geological Survey.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located near the surface, near the middle, and near the bottom.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 49,800 microsiemens, May 28, 2001; middle sensor maximum, 49,600 microsiemens, Mar. 9, 2001; bottom sensor maximum, 50,600 microsiemens, June 22, 2001; top sensor minimum, 205 microsiemens, Aug. 25, 2004; middle sensor minimum, 216 microsiemens, Aug. 25, 2004; bottom sensor minimum, 220 microsiemens, Aug. 25, 2004.

TEMPERATURE.--Top sensor maximum, 34.1° C, June 27, 1997; middle sensor maximum, 32.3° C, June 15, 2001; bottom sensor maximum, 32.6° C, July 27, 1997; top sensor minimum, 11.5° C, Jan. 25, 2003; middle sensor minimum, 12.9° C, Jan. 18, 19, 2003; bottom sensor minimum, 12.9° C, Jan. 18, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 39,800 microsiemens, Feb. 10, Mar. 10; middle sensor maximum, 41,200 microsiemens, Apr. 22, 23, 25; bottom sensor maximum, 40,600 microsiemens, Feb. 6; top sensor minimum, 385 microsiemens, July 9; middle sensor minimum, 514 microsiemens, July 9; bottom sensor minimum, 387 microsiemens, July 9.

TEMPERATURE.--Top sensor maximum, 32.5° C, Aug. 23; middle sensor maximum, 32.2° C, Aug. 21, 23, 24; bottom sensor maximum, 32.2° C, Aug. 21, 24; top sensor minimum, 13.9° C, Dec. 28; middle sensor minimum, 14.6° C, Dec. 27; bottom sensor minimum, 14.9° C, Dec. 29, 31.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	22,100	4,300	32,500	9,480	35,500	16,400	36,600	25,700	35,500	22,800	38,400	25,500
2	19,400	5,670	31,600	9,130	35,000	15,400	35,600	24,700	37,100	22,700	38,800	24,900
3	18,400	4,560	31,200	7,820	36,000	15,200	37,600	23,400	35,900	21,400	38,000	24,000
4	20,800	5,860	30,900	8,780	37,500	15,600	38,000	22,700	37,300	24,200	39,100	20,200
5	25,100	4,260	32,900	10,100	36,600	17,300	38,400	21,200	39,500	26,200	39,400	25,600
6	19,100	1,480	33,900	13,100	36,700	18,300	38,300	21,400	39,500	29,800	39,300	29,800
7	16,700	1,280	37,100	15,700	36,500	19,400	38,200	24,600	38,200	17,600	38,800	25,000
8	14,900	2,640	36,900	19,400	36,800	19,600	38,100	27,600	35,600	20,700	38,200	31,400
9	25,800	3,350	37,100	17,900	35,100	19,800	38,900	27,000	39,700	28,900	39,200	26,900
10	23,300	4,290	36,800	17,800	35,600	20,600	38,900	29,100	39,800	31,600	39,800	23,500
11	24,100	1,210	35,400	18,100	36,900	17,800	38,500	29,400	39,700	29,000	39,700	27,900
12	4,960	832	35,800	17,500	37,400	22,500	37,900	29,100	39,700	31,200	39,700	26,300
13	14,400	1,110	34,800	16,900	37,300	26,000	38,000	29,600	39,300	32,800	38,600	28,000
14	18,500	680	35,500	19,100	37,600	26,500	38,200	25,800	39,000	32,600	37,600	22,400
15	18,900	1,280	36,100	20,100	---	---	37,600	24,800	37,800	29,400	34,700	19,500
16	19,100	806	37,100	20,500	37,900	29,900	38,400	16,400	38,500	27,200	37,500	17,900
17	24,900	589	36,900	18,600	38,000	22,600	38,700	24,500	36,800	25,900	23,900	11,800
18	24,500	936	36,600	18,100	38,500	22,500	38,800	21,400	38,700	24,400	27,300	7,850
19	11,300	2,100	36,900	19,600	39,400	24,900	38,000	23,000	39,500	28,100	35,700	7,850
20	12,000	3,460	36,300	22,200	38,900	24,600	37,700	22,800	38,600	28,900	35,700	15,000
21	22,600	4,370	37,300	24,200	38,900	24,600	37,700	26,700	38,500	32,400	31,100	16,900
22	11,800	4,340	37,300	22,600	37,700	24,500	37,700	24,600	38,200	32,800	29,100	13,700
23	32,400	5,490	37,500	22,800	38,100	28,000	37,000	26,600	38,200	31,400	28,800	15,400
24	32,400	7,450	36,500	23,300	38,000	27,700	38,100	25,600	38,500	32,800	31,500	13,900
25	31,800	8,660	35,700	20,400	37,700	28,400	38,100	22,500	36,300	32,300	32,200	15,900
26	31,400	9,580	36,600	18,300	39,000	25,700	37,500	24,800	38,400	30,200	31,500	15,300
27	33,300	8,090	36,600	16,000	39,100	27,300	36,800	22,900	36,900	23,600	33,000	15,900
28	33,300	7,440	35,400	17,400	39,100	26,100	37,600	22,500	37,100	26,600	32,800	12,300
29	34,100	7,560	36,300	17,300	38,700	27,800	36,700	26,300	---	---	34,200	12,200
30	33,000	8,940	36,400	16,900	38,100	27,000	37,200	26,100	---	---	34,500	12,200
31	32,900	9,270	---	---	37,200	26,700	37,300	22,800	---	---	33,900	13,900
MONTH	34,100	589	37,500	7,820	---	---	38,900	16,400	39,800	17,600	39,800	7,850

02306028 HILLSBOROUGH RIVER AT PLATT STREET AT TAMPA, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	33,800	13,500	35,600	17,900	35,400	22,800	20,400	2,250	27,100	3,440	30,700	7,910
2	31,500	16,600	35,800	22,100	34,000	21,300	20,300	976	29,100	5,100	32,500	6,880
3	34,300	14,100	36,200	19,900	31,900	20,300	6,640	832	31,500	5,890	32,400	4,600
4	35,600	15,400	35,900	21,600	34,100	17,200	7,930	964	30,600	6,870	27,100	3,480
5	34,000	18,800	35,600	26,600	36,000	11,900	13,100	947	29,700	6,360	24,200	2,470
6	34,600	22,200	36,600	20,400	37,000	13,000	23,300	1,050	27,100	6,100	21,500	2,350
7	35,200	27,400	37,300	21,000	37,600	14,600	22,200	1,120	26,500	4,120	24,000	2,540
8	35,400	25,700	36,600	23,200	37,900	15,400	27,300	1,210	24,800	3,880	23,800	2,620
9	35,900	23,600	35,700	22,100	35,400	14,400	14,600	385	27,100	3,320	12,600	3,750
10	35,700	22,900	36,300	20,000	31,900	9,250	11,700	1,050	24,000	3,900	31,700	4,630
11	35,700	23,400	36,200	18,500	31,600	9,250	13,500	911	24,000	3,830	33,300	6,500
12	35,200	24,000	35,700	18,200	30,700	9,140	13,900	913	26,200	3,170	36,500	8,800
13	35,200	22,200	35,900	18,100	29,700	9,710	7,530	1,480	27,800	3,920	37,400	11,100
14	35,500	21,000	36,300	18,200	29,000	7,550	6,680	1,580	29,400	4,500	37,400	13,800
15	36,200	18,500	36,200	22,400	31,600	6,570	24,600	2,230	26,500	1,590	37,000	15,100
16	37,300	26,700	36,100	23,900	35,900	6,250	21,900	1,610	31,900	6,090	37,400	18,900
17	37,700	27,100	35,800	23,400	34,100	6,050	7,660	773	33,100	8,200	37,100	23,200
18	38,000	27,300	36,300	22,100	33,000	6,810	17,400	1,200	33,100	8,950	37,400	26,600
19	37,900	27,300	37,900	26,400	34,600	6,870	27,800	1,100	32,900	10,200	37,500	26,100
20	38,200	29,400	37,500	29,200	35,600	6,700	30,400	1,200	31,600	10,100	38,000	24,100
21	38,700	31,700	38,900	30,900	35,400	7,430	30,600	1,090	31,900	13,100	37,600	26,200
22	38,800	32,100	38,500	28,400	34,900	8,830	30,100	1,090	32,700	13,200	36,400	21,700
23	38,500	33,700	38,300	29,300	35,700	8,000	31,000	1,040	31,500	10,200	35,400	16,400
24	38,600	28,700	39,400	30,200	33,600	7,840	29,400	968	31,100	8,520	35,700	14,400
25	38,600	28,200	39,300	30,000	36,900	8,060	27,900	1,180	31,100	7,560	35,100	14,800
26	37,900	25,900	38,700	29,600	33,800	10,700	25,900	3,630	21,900	9,270	37,200	15,800
27	35,500	23,800	38,400	29,900	32,100	13,400	15,000	3,780	32,300	15,600	36,900	18,000
28	37,000	23,200	38,900	30,500	31,400	8,130	26,700	4,000	31,100	12,600	36,400	24,200
29	36,300	22,300	39,000	31,300	16,900	4,060	18,200	3,420	30,400	8,900	36,600	23,400
30	36,300	23,700	38,600	30,700	9,450	959	17,500	2,770	28,400	7,560	37,500	24,500
31	---	---	36,800	23,900	---	---	19,800	2,960	30,000	7,950	---	---
MONTH	38,800	13,500	39,400	17,900	37,900	959	31,000	385	33,100	1,590	38,000	2,350

02306028 HILLSBOROUGH RIVER AT PLATT STREET AT TAMPA, FL.—Continued

SPECIFIC CONDUCTANCE, (MIDDLE) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	25,700	6,520	32,500	14,700	36,100	22,300	38,500	28,400	38,300	31,900	38,400	31,200
2	25,400	7,060	31,500	15,200	36,300	23,100	38,600	29,800	38,800	31,300	38,700	28,300
3	26,100	5,860	31,900	14,600	36,600	21,700	38,700	31,900	38,300	32,700	38,900	27,400
4	26,100	7,050	32,200	29,100	37,200	33,400	39,200	33,000	39,200	27,700	39,100	25,600
5	26,800	5,870	33,800	29,500	37,500	33,200	39,100	32,500	40,100	26,200	39,100	27,300
6	28,600	2,670	35,100	29,100	37,700	32,300	39,100	27,200	39,900	28,300	38,800	28,100
7	30,300	2,500	36,700	28,100	37,200	29,900	39,000	27,300	39,400	30,900	38,600	28,500
8	33,200	5,540	37,000	24,600	37,100	25,200	39,000	26,200	39,500	32,000	38,000	32,300
9	31,800	6,460	37,200	25,400	36,700	21,900	39,300	26,800	39,800	31,800	38,700	25,100
10	31,200	6,530	37,100	23,800	35,700	23,000	39,300	27,000	39,700	32,700	38,800	24,500
11	30,800	1,270	36,800	20,900	37,400	21,600	39,400	27,900	39,700	29,900	38,700	29,000
12	29,200	864	36,300	20,300	37,500	19,100	38,400	29,500	39,700	32,600	38,400	26,600
13	31,100	1,480	35,200	19,100	37,200	23,500	38,500	30,500	39,600	34,300	37,300	28,500
14	30,800	1,060	36,200	17,500	37,300	24,000	38,700	28,500	39,300	33,300	37,000	25,100
15	27,100	1,760	36,400	18,400	37,600	18,700	38,600	26,800	39,100	30,900	37,100	21,700
16	28,300	1,250	36,700	20,100	37,700	25,400	39,000	28,400	38,700	30,500	36,700	22,500
17	28,500	1,630	36,500	22,100	37,800	25,300	39,200	30,000	38,800	33,400	34,100	14,600
18	28,500	1,900	36,600	27,500	38,300	29,200	39,200	26,200	39,100	28,500	36,600	17,900
19	28,300	4,860	36,600	30,600	39,400	32,700	39,500	29,300	39,300	30,200	37,600	33,700
20	28,000	5,780	36,400	28,100	40,200	30,800	39,400	31,500	39,000	31,700	37,400	19,300
21	30,000	5,800	36,800	28,000	39,600	33,200	39,400	30,700	39,200	32,800	36,400	21,400
22	30,800	6,660	37,100	27,900	38,100	26,900	39,300	28,800	38,600	33,400	35,800	18,900
23	32,400	8,300	36,900	27,200	38,100	30,000	38,600	27,500	38,600	32,000	34,000	17,400
24	33,800	10,800	36,200	24,900	38,500	27,300	39,200	22,900	38,300	33,600	34,400	17,000
25	33,400	15,400	35,900	24,900	39,200	25,700	39,100	26,100	38,000	32,800	35,200	19,800
26	32,800	12,200	36,200	18,800	39,000	27,800	39,000	27,600	38,200	31,200	33,500	17,400
27	33,600	10,900	36,300	19,400	39,100	24,900	38,300	25,900	38,600	30,500	33,800	18,300
28	34,000	10,100	36,300	20,700	38,900	22,600	37,800	24,300	38,200	28,900	33,800	17,400
29	33,900	10,300	36,400	19,100	38,800	27,100	37,500	29,800	---	---	34,400	16,800
30	33,400	11,300	36,000	21,200	38,400	27,600	38,000	28,800	---	---	34,200	17,700
31	32,900	11,800	---	---	38,700	28,700	38,200	33,400	---	---	34,300	19,100
MONTH	34,000	864	37,200	14,600	40,200	18,700	39,500	22,900	40,100	26,200	39,100	14,600
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	33,500	17,600	37,200	22,900	38,100	26,900	33,400	5,280	32,500	7,320	32,300	10,400
2	34,500	18,800	38,100	24,200	36,200	24,000	31,700	2,010	32,900	7,760	33,600	9,500
3	35,500	12,900	38,000	24,300	36,300	23,900	30,500	1,270	34,200	8,300	34,600	7,500
4	35,600	16,500	37,900	28,000	35,800	19,800	31,300	1,430	32,900	8,450	34,800	7,030
5	35,500	21,500	37,700	29,500	37,200	15,900	30,000	1,850	32,400	8,400	35,100	4,840
6	35,400	22,500	38,700	24,000	38,400	17,100	29,400	2,590	32,400	7,760	35,800	4,740
7	35,700	29,100	38,900	25,100	38,600	17,300	28,700	2,990	31,900	6,350	36,600	5,360
8	36,200	27,200	38,900	26,200	39,100	19,200	31,100	1,820	31,000	6,120	36,600	5,380
9	36,700	25,400	39,000	25,000	38,700	16,400	20,800	514	29,600	5,640	36,700	6,550
10	37,000	24,500	39,000	23,900	38,200	22,300	20,900	1,580	30,200	6,960	36,000	8,500
11	37,200	25,600	38,800	22,300	35,500	21,800	29,400	2,230	31,300	7,070	36,100	12,000
12	36,700	29,000	38,800	22,200	34,800	14,200	33,800	2,090	31,900	6,570	37,300	13,500
13	37,400	25,900	38,600	23,200	36,700	11,100	34,600	2,250	32,500	6,120	37,600	18,600
14	37,600	26,100	38,700	23,500	37,600	11,300	35,300	3,000	33,100	7,790	37,500	20,400
15	38,500	25,400	38,400	26,400	38,400	11,800	33,900	4,470	32,100	4,440	37,600	18,200
16	39,000	25,500	38,600	27,000	39,100	23,500	35,300	4,130	34,600	8,300	37,500	21,900
17	39,400	27,500	38,600	29,100	38,400	9,260	35,300	1,320	34,500	9,800	37,400	25,600
18	39,800	30,400	38,900	28,700	36,300	8,930	35,100	3,340	34,600	11,000	37,300	28,700
19	40,100	31,800	39,600	32,000	37,400	8,720	34,900	2,480	34,600	11,400	37,300	27,600
20	40,300	32,400	40,000	31,900	37,500	8,510	34,100	2,640	34,000	13,100	37,700	24,700
21	40,900	34,700	40,100	32,600	36,900	9,620	34,000	2,300	34,400	17,800	37,600	28,100
22	41,200	35,200	40,000	30,800	36,800	11,200	33,600	2,130	33,700	18,300	36,500	24,100
23	41,200	36,000	40,000	31,200	37,200	10,400	34,100	5,010	33,400	14,500	36,300	22,700
24	41,000	32,200	40,400	32,200	36,600	10,700	34,000	1,070	33,000	14,000	36,300	29,400
25	41,200	31,000	40,300	31,800	38,400	10,900	33,700	1,380	33,600	11,000	36,600	32,000
26	40,600	27,900	39,500	31,800	36,800	17,300	33,300	6,540	33,800	10,800	38,500	34,800
27	38,600	26,600	39,300	31,700	35,600	13,500	32,500	6,150	33,300	25,600	38,800	30,500
28	39,200	27,400	39,600	32,000	35,900	8,330	32,800	6,500	31,500	21,000	37,100	25,900
29	38,800	28,800	39,600	32,700	33,800	5,650	32,900	7,230	31,400	24,600	38,600	25,300
30	37,700	28,800	39,400	32,700	31,700	2,540	30,200	4,470	30,000	14,000	39,300	28,000
31	---	---	38,900	30,800	---	---	31,300	6,030	30,500	11,400	---	---
MONTH	41,200	12,900	40,400	22,200	39,100	2,540	35,300	514	34,600	4,440	39,300	4,740
YEAR	41,200	514										

02306028 HILLSBOROUGH RIVER AT PLATT STREET AT TAMPA, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	25,700	9,150	32,700	29,900	36,600	33,300	38,300	35,300	39,200	34,400	39,000	34,400
2	25,700	9,290	32,000	29,100	36,600	33,800	38,300	36,500	39,500	36,500	39,100	35,900
3	26,500	7,040	32,600	29,800	36,800	33,200	38,400	36,800	39,400	36,700	39,200	33,700
4	26,600	12,600	32,700	31,100	37,200	34,900	38,800	36,500	39,800	29,700	39,400	31,300
5	26,900	8,070	34,100	30,600	37,500	35,500	39,300	37,500	40,400	36,700	39,300	36,100
6	28,700	4,980	35,700	33,200	37,500	34,600	39,400	36,400	40,600	29,400	39,300	29,900
7	30,900	5,140	36,700	34,000	37,300	32,800	39,200	30,300	40,300	32,400	39,100	30,700
8	34,500	27,600	37,100	33,800	36,900	32,000	39,200	28,400	40,300	32,700	38,500	33,300
9	33,600	13,400	37,400	29,800	37,300	26,900	39,400	28,100	40,100	32,600	40,100	27,500
10	33,600	23,800	37,800	29,500	36,200	23,600	39,500	28,700	39,600	32,900	40,100	27,400
11	33,900	1,340	37,700	24,700	37,300	21,500	39,500	29,600	39,500	30,700	40,200	33,500
12	33,400	1,010	37,500	26,000	37,400	19,800	39,400	29,600	39,500	34,000	40,100	33,600
13	33,800	1,580	36,300	20,400	37,300	24,900	38,500	30,900	39,500	35,100	39,700	31,000
14	31,800	1,130	36,500	19,800	37,300	24,700	38,600	28,800	39,300	34,400	39,300	28,300
15	29,100	3,350	37,000	21,100	37,600	21,200	38,700	35,100	39,000	36,200	39,000	32,900
16	29,900	1,230	37,100	24,600	37,600	28,500	39,300	33,600	38,800	36,600	38,700	28,200
17	29,800	1,850	37,200	33,000	37,800	33,400	39,300	35,900	38,800	36,500	37,200	23,200
18	29,100	3,180	37,200	34,900	38,300	34,200	39,500	36,300	39,300	35,200	38,700	36,200
19	28,600	6,270	37,200	34,600	39,300	35,700	39,700	37,700	39,700	33,400	39,100	36,400
20	29,000	6,590	37,200	34,100	40,300	36,000	39,800	36,500	39,400	32,300	39,000	36,400
21	30,500	7,720	37,800	33,600	40,000	37,700	39,700	34,300	39,400	33,200	38,600	29,400
22	31,700	16,900	37,600	35,000	38,400	32,900	39,600	34,100	39,000	33,500	38,300	33,300
23	33,600	27,100	37,100	31,900	38,300	31,900	39,200	29,000	39,100	32,800	36,100	26,000
24	34,500	30,200	36,500	28,200	38,800	27,900	39,400	34,900	38,800	34,100	36,400	20,800
25	34,500	30,300	35,600	26,000	39,000	27,100	39,400	34,600	38,400	33,600	36,900	25,700
26	33,700	28,000	36,100	28,800	39,200	27,800	39,400	34,800	38,800	33,000	35,500	24,100
27	34,300	26,400	36,200	31,900	39,200	37,100	38,700	31,800	39,200	33,000	35,100	20,100
28	34,400	28,200	37,000	27,900	39,100	35,900	38,500	30,600	38,900	33,400	34,800	30,200
29	34,300	24,400	36,700	32,300	38,800	34,000	38,300	32,500	---	---	35,700	31,300
30	33,800	24,900	36,500	33,300	38,800	33,000	39,100	35,500	---	---	35,900	31,200
31	33,400	27,100	---	---	38,100	31,200	38,900	36,400	---	---	36,300	31,500
MONTH	34,500	1,010	37,800	19,800	40,300	19,800	39,800	28,100	40,600	29,400	40,200	20,100
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	36,100	27,300	37,400	23,400	38,100	26,900	34,600	14,900	30,800	12,200	34,100	13,200
2	36,300	30,200	37,300	28,100	36,200	24,400	34,400	3,580	31,300	10,200	35,500	12,000
3	37,000	31,100	37,300	34,700	36,400	27,700	31,600	1,180	32,600	17,800	36,000	7,620
4	37,000	32,600	37,500	31,200	36,900	20,000	33,400	1,280	31,900	12,600	36,700	15,600
5	36,800	32,200	37,500	29,000	37,400	25,800	34,000	2,820	31,300	13,000	36,500	12,700
6	36,700	24,100	37,800	32,500	39,000	32,800	32,200	4,830	30,600	8,460	36,600	18,200
7	35,400	29,100	38,200	26,600	39,000	22,500	33,100	6,170	30,100	10,100	37,200	19,400
8	36,000	28,000	38,400	26,800	38,800	26,300	34,000	2,230	29,000	9,190	37,200	27,600
9	36,300	26,200	38,400	26,000	38,900	17,600	32,000	387	28,200	21,100	37,300	35,300
10	36,600	25,400	38,200	29,500	38,300	34,200	22,900	2,120	29,000	27,300	36,800	35,000
11	37,000	27,600	38,000	27,000	37,000	32,700	29,900	2,340	29,500	23,100	37,400	34,700
12	36,900	29,100	38,000	33,300	35,200	31,300	33,300	3,380	30,900	29,500	37,800	35,000
13	36,600	31,700	37,700	33,400	36,600	33,400	35,100	4,150	30,900	15,400	38,200	35,000
14	36,700	26,300	37,800	34,700	37,100	34,600	35,900	11,300	31,800	10,200	38,000	34,600
15	37,200	30,800	37,800	30,600	38,400	35,400	35,900	28,800	31,600	5,300	38,100	29,500
16	37,900	31,700	37,900	31,300	38,900	37,000	35,100	8,250	32,000	19,300	37,900	28,600
17	38,200	33,900	38,000	35,300	38,100	35,500	35,300	1,260	33,200	10,200	37,800	27,600
18	38,300	31,400	38,500	35,600	36,800	19,900	34,600	6,820	33,000	13,600	37,800	31,600
19	38,700	34,200	39,300	33,800	37,200	11,200	34,400	5,990	33,000	13,300	37,700	30,500
20	39,000	32,400	39,700	32,800	37,300	12,500	33,000	5,790	31,800	15,800	37,800	26,100
21	39,600	34,000	39,700	32,400	36,700	13,900	32,600	3,370	32,500	22,900	37,500	32,500
22	39,900	34,400	39,600	31,000	36,700	12,600	32,300	5,830	31,800	22,000	37,300	25,400
23	39,600	34,600	39,500	31,500	36,700	11,200	33,100	9,090	31,500	25,500	37,000	32,700
24	39,500	31,600	39,700	32,000	37,100	16,400	32,600	1,470	31,700	27,300	37,200	33,800
25	39,500	30,000	39,600	31,000	37,600	32,400	32,400	3,860	34,500	18,600	38,100	35,600
26	39,500	26,800	39,200	31,100	37,500	31,100	32,500	30,400	34,900	31,400	39,100	31,100
27	38,300	26,800	39,000	32,000	36,200	19,600	31,600	28,600	35,800	29,100	39,100	35,000
28	38,000	28,400	39,000	31,700	36,100	27,800	31,900	16,800	33,600	26,500	38,000	26,500
29	38,800	31,500	39,200	32,500	35,900	30,600	31,800	11,000	32,300	29,400	38,400	28,100
30	38,000	30,600	39,100	33,000	34,300	4,750	29,300	11,000	32,000	27,700	39,100	32,400
31	---	---	38,800	33,700	---	---	29,300	9,600	32,400	24,400	---	---
MONTH	39,900	24,100	39,700	23,400	39,000	4,750	35,900	387	35,800	5,300	39,100	7,620
YEAR	40,600	387										

02306028 HILLSBOROUGH RIVER AT PLATT STREET AT TAMPA, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.7	26.8	27.0	25.5	23.7	22.2	18.5	15.9	17.9	16.0	20.6	18.8
2	30.1	27.3	27.8	25.4	23.0	21.8	18.9	16.3	18.1	16.3	20.3	17.7
3	29.6	27.5	27.7	25.5	22.1	20.7	19.4	16.3	19.0	16.8	19.4	16.7
4	29.8	27.5	27.9	25.7	21.6	19.6	19.6	16.2	18.6	15.5	20.4	16.0
5	28.3	27.3	26.8	24.2	21.4	18.7	19.9	17.1	17.3	15.6	20.0	18.1
6	27.8	27.2	25.6	23.0	22.1	20.5	20.2	17.7	17.4	16.1	20.4	18.4
7	27.3	26.6	25.4	23.1	22.4	20.9	20.6	18.5	17.5	16.5	20.9	19.0
8	27.1	25.7	25.2	23.3	23.3	21.3	20.9	18.1	18.1	16.6	20.2	19.0
9	27.3	26.2	25.5	23.1	23.0	21.7	20.7	17.8	18.8	16.7	19.3	18.0
10	26.9	26.1	25.0	22.4	23.0	22.1	20.7	17.7	19.1	17.1	19.7	17.8
11	26.7	25.6	24.8	22.9	22.2	20.8	20.7	18.0	17.1	16.3	19.7	18.4
12	26.2	25.2	24.6	23.3	21.4	19.9	20.9	18.5	17.2	16.1	20.2	18.1
13	26.5	25.2	24.7	23.6	21.1	19.8	21.8	20.0	17.7	16.3	20.4	18.4
14	26.8	24.8	24.6	23.3	20.8	18.2	22.0	20.1	18.4	16.5	21.1	19.6
15	26.5	24.7	23.8	22.5	---	---	20.5	18.8	19.8	17.8	21.1	20.1
16	26.3	23.7	23.6	21.7	18.6	15.8	19.7	18.0	20.8	18.5	22.0	20.3
17	26.7	23.6	23.7	21.1	17.9	16.3	19.0	16.4	21.3	18.6	21.6	20.9
18	27.0	24.3	23.7	21.3	18.8	16.7	18.3	15.0	20.6	17.7	21.7	20.0
19	26.8	24.5	23.9	21.9	18.5	16.0	18.4	16.1	19.3	17.1	21.3	18.4
20	26.0	24.9	23.9	22.4	16.6	14.2	17.7	16.0	19.7	17.1	21.9	18.9
21	26.0	25.0	23.9	22.3	16.7	14.2	18.5	16.7	20.1	18.5	21.2	20.2
22	26.0	24.8	24.2	22.5	17.0	15.5	18.3	17.2	21.1	19.6	23.3	20.5
23	25.7	24.5	23.9	22.6	17.5	16.5	18.0	15.8	21.1	19.4	22.6	21.6
24	26.1	24.3	23.6	22.7	17.8	16.3	16.7	15.0	21.8	20.1	22.4	21.4
25	27.5	24.9	23.8	22.6	16.6	15.4	17.0	15.3	21.4	20.2	23.8	21.5
26	27.0	24.8	23.1	21.6	16.0	14.8	17.4	15.8	20.7	19.8	24.1	22.6
27	27.1	24.4	22.6	21.1	15.7	14.4	18.1	16.5	20.7	19.5	25.2	22.8
28	27.1	24.6	23.0	21.7	15.8	13.9	18.0	16.3	21.0	20.0	24.6	23.1
29	26.8	24.8	23.3	21.1	16.9	14.9	17.4	16.3	---	---	24.0	21.7
30	26.8	25.2	23.4	21.3	17.4	15.4	18.5	16.4	---	---	24.6	20.8
31	26.9	25.3	---	---	17.8	15.5	18.4	16.3	---	---	25.1	23.3
MONTH	30.1	23.6	27.9	21.1	---	---	22.0	15.0	21.8	15.5	25.2	16.0
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.9	23.3	25.0	23.8	28.7	27.6	29.2	27.8	31.2	29.4	31.0	29.6
2	24.8	23.1	25.8	23.7	27.9	26.7	29.5	28.3	31.3	29.6	30.8	29.2
3	24.3	21.8	26.0	23.6	27.9	26.8	29.5	28.2	31.0	29.3	30.7	28.8
4	25.6	21.2	25.0	24.1	27.6	26.6	29.9	28.5	31.8	29.0	30.4	28.9
5	25.1	22.4	24.5	23.7	28.2	26.2	30.2	28.8	31.5	28.8	30.0	28.2
6	25.0	23.5	25.2	23.4	29.3	26.8	30.7	29.0	32.1	28.8	29.6	27.7
7	24.1	23.5	25.5	22.9	29.3	27.2	30.9	29.1	31.0	28.7	29.4	27.7
8	24.7	23.3	25.7	23.3	30.5	27.4	31.0	29.3	30.8	28.6	29.4	27.5
9	24.6	23.0	26.1	23.8	29.0	27.8	29.5	27.2	30.6	29.0	29.0	27.4
10	24.7	21.6	26.4	23.9	28.0	27.0	27.8	26.7	31.4	29.0	29.7	27.6
11	24.9	22.2	26.7	24.0	28.9	26.6	29.2	27.3	31.0	29.2	29.7	27.9
12	24.9	22.9	26.9	23.9	29.2	27.6	29.0	27.8	31.0	29.3	29.7	28.2
13	25.3	23.7	26.8	24.4	29.7	27.9	28.6	27.8	31.4	29.0	29.6	28.9
14	25.1	23.3	26.6	24.8	29.8	28.2	29.2	27.7	31.3	29.1	29.5	28.6
15	24.4	22.1	27.5	24.9	30.2	28.7	29.6	28.1	31.1	28.8	29.6	28.2
16	23.9	21.5	28.5	25.6	30.3	28.6	29.7	28.1	31.1	28.4	29.9	28.1
17	23.8	22.1	28.8	25.9	30.2	29.0	29.7	28.4	31.5	29.0	30.0	28.2
18	24.2	21.0	28.3	26.2	30.4	29.2	29.7	28.8	32.1	29.8	30.0	28.7
19	24.1	22.0	27.9	26.1	30.3	29.0	30.1	28.9	32.2	29.7	30.0	29.0
20	24.1	22.1	28.2	26.3	29.8	28.5	30.5	29.0	32.0	29.9	29.3	28.5
21	23.8	21.9	28.2	26.3	29.6	28.0	30.7	29.1	32.3	30.1	29.6	28.2
22	24.0	21.7	28.0	26.6	29.6	27.7	31.1	29.1	32.3	30.7	28.8	28.2
23	23.8	22.1	28.3	26.2	30.4	27.3	30.7	29.4	32.5	30.5	28.7	27.7
24	23.5	22.1	27.7	26.9	30.1	27.2	30.6	29.0	32.1	30.5	29.8	27.8
25	23.6	21.4	28.5	27.2	30.3	27.6	30.5	28.6	32.0	30.2	30.0	28.2
26	22.9	21.9	28.1	27.0	30.5	28.0	30.6	29.3	31.1	29.6	30.6	28.3
27	23.3	21.7	28.9	26.8	30.1	28.9	30.7	29.4	30.7	29.1	30.6	28.8
28	24.2	21.2	29.5	27.3	29.9	28.3	30.5	29.8	30.7	29.6	30.2	28.4
29	24.7	22.0	29.3	27.8	29.5	28.4	30.9	29.8	30.8	28.7	29.6	28.1
30	25.9	23.1	30.1	27.9	28.9	27.7	30.7	29.6	30.9	29.7	30.1	28.3
31	---	---	29.4	27.7	---	---	30.6	29.2	31.0	30.0	---	---
MONTH	25.9	21.0	30.1	22.9	30.5	26.2	31.1	26.7	32.5	28.4	31.0	27.4

02306028 HILLSBOROUGH RIVER AT PLATT STREET AT TAMPA, FL.—Continued

TEMPERATURE, (MIDDLE) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	28.8	26.4	26.5	25.6	22.6	22.1	17.6	15.2	17.5	16.2	20.5	19.6
2	29.4	26.6	26.6	25.7	22.6	22.0	17.5	15.5	17.4	16.3	20.5	19.5
3	28.4	26.7	27.1	25.9	22.2	21.8	17.4	15.4	18.5	16.5	20.2	18.0
4	28.0	27.0	27.5	26.1	22.0	21.3	17.8	15.4	18.5	16.6	19.9	18.0
5	27.7	26.8	26.6	25.9	21.5	21.1	18.2	15.8	17.1	16.4	19.8	18.3
6	27.8	26.9	26.0	25.6	21.6	20.7	19.5	16.0	17.0	16.3	19.7	18.4
7	27.6	26.9	25.8	25.2	21.6	21.0	20.4	16.5	17.3	16.6	20.3	18.5
8	27.8	26.8	25.5	24.7	22.1	21.3	19.7	17.0	17.8	16.6	20.2	19.1
9	27.7	27.1	25.3	24.3	22.7	21.5	19.9	17.3	18.8	16.6	19.3	18.3
10	27.7	26.6	25.0	23.3	22.8	22.0	19.9	17.6	18.6	17.0	19.6	17.8
11	27.6	25.9	24.7	23.3	22.2	21.5	20.2	17.9	17.2	16.4	19.7	18.4
12	27.5	25.2	24.5	23.2	21.5	20.1	21.0	18.2	17.2	16.1	19.7	18.1
13	27.5	25.2	24.6	23.7	21.2	20.0	21.8	20.0	17.5	16.3	20.4	18.5
14	27.4	24.9	24.3	23.6	20.9	19.8	22.0	19.8	18.3	16.8	21.0	19.4
15	27.3	24.9	24.1	23.0	20.0	17.2	20.1	19.5	19.4	17.5	21.0	19.5
16	27.2	23.8	23.6	22.6	18.7	16.5	19.8	18.7	20.9	18.1	21.8	20.1
17	27.0	23.7	23.2	22.1	18.0	17.3	19.4	18.1	19.5	18.2	21.6	20.6
18	27.0	24.3	23.1	22.5	17.8	16.7	18.8	17.4	19.8	17.8	20.9	20.1
19	27.3	24.6	23.0	22.6	17.3	16.2	18.2	16.9	18.4	17.4	20.4	19.9
20	26.7	25.0	23.2	22.6	16.7	16.0	17.7	16.7	18.9	17.8	21.5	19.9
21	26.7	25.3	23.5	22.2	16.4	15.6	17.2	16.7	20.1	18.2	20.8	20.3
22	26.3	25.7	23.2	22.2	16.5	15.5	17.8	16.8	20.6	19.0	22.9	20.3
23	25.9	25.5	23.5	22.3	17.3	16.4	18.0	16.5	21.3	19.0	22.3	21.1
24	25.9	25.4	23.5	22.6	17.8	16.3	16.5	15.5	21.7	19.7	22.1	21.0
25	26.1	25.5	23.4	22.9	16.7	15.7	16.6	15.5	21.3	19.9	23.5	20.8
26	26.2	25.0	23.0	22.1	16.1	15.5	16.9	15.8	20.6	19.7	24.0	21.8
27	26.3	24.7	22.7	21.3	15.8	14.6	17.7	16.2	20.6	19.7	25.1	22.9
28	26.1	24.7	22.6	21.7	15.7	14.9	17.7	16.1	20.8	20.0	24.9	22.3
29	26.1	24.9	22.5	21.8	15.8	15.0	17.2	16.1	---	---	23.6	22.4
30	26.3	25.2	22.6	21.8	16.6	15.1	17.8	16.1	---	---	23.8	22.5
31	26.4	25.4	---	---	17.1	15.1	17.2	16.2	---	---	25.0	22.8
MONTH	29.4	23.7	27.5	21.3	22.8	14.6	22.0	15.2	21.7	16.1	25.1	17.8
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.8	23.5	25.0	23.6	29.0	27.9	29.9	28.9	31.3	30.4	31.0	29.9
2	24.8	23.3	24.4	23.6	28.1	26.8	30.1	28.6	31.3	30.2	30.8	29.4
3	23.7	23.0	25.2	23.6	27.8	27.3	30.5	29.0	31.1	29.6	30.7	29.1
4	24.3	22.4	24.9	24.2	27.7	26.8	30.5	28.9	31.2	29.9	30.6	29.1
5	24.6	23.2	24.5	23.9	28.0	27.4	30.3	29.2	31.4	29.7	30.5	28.4
6	25.0	23.5	25.1	23.7	28.7	27.4	30.6	29.8	31.3	29.4	30.3	27.8
7	24.1	23.5	25.5	23.4	28.8	27.7	30.7	29.8	31.1	29.0	30.2	27.7
8	24.7	23.3	25.7	23.9	29.1	27.9	30.4	29.5	30.9	28.6	30.0	27.6
9	24.6	23.0	26.0	24.1	28.8	27.9	30.1	27.2	30.8	29.1	29.6	27.5
10	24.6	22.9	26.0	24.5	28.5	27.4	27.8	26.8	30.9	29.1	29.4	28.1
11	24.9	23.0	26.1	24.6	27.8	26.8	29.3	27.5	31.1	29.5	29.5	28.5
12	24.7	23.4	26.3	24.8	28.7	27.6	29.5	28.0	31.1	29.8	29.3	28.8
13	24.6	23.8	26.3	25.1	29.0	28.1	29.4	28.1	31.5	29.5	29.4	28.9
14	24.5	23.8	26.2	25.0	29.1	28.1	29.2	28.0	31.4	29.6	29.4	28.9
15	24.0	23.2	26.9	25.3	29.1	28.1	29.6	28.4	31.5	29.2	29.3	28.9
16	23.5	22.8	26.8	25.4	29.2	28.3	30.2	28.6	31.1	29.8	29.5	28.9
17	23.5	22.2	27.1	25.8	30.1	28.7	29.8	28.9	31.5	30.1	30.0	28.7
18	24.0	22.1	27.5	25.3	30.2	29.2	29.9	29.2	31.8	30.2	29.9	28.8
19	23.5	21.6	27.6	25.7	30.3	29.2	29.9	29.3	31.8	30.4	29.9	29.0
20	23.7	21.9	28.1	26.2	30.0	29.2	30.3	29.4	32.0	30.6	29.3	28.6
21	23.8	21.8	28.2	26.3	30.0	29.1	30.7	29.7	32.2	30.5	29.5	28.5
22	24.0	21.8	28.0	26.5	29.3	28.5	30.8	29.5	32.1	30.7	29.0	28.3
23	23.7	22.1	28.3	26.5	29.4	27.6	30.2	29.5	32.2	30.6	28.7	27.9
24	23.5	22.2	27.7	26.9	29.6	28.0	30.4	29.0	32.2	30.6	28.6	28.1
25	23.6	21.9	28.5	27.2	29.7	28.1	30.3	28.6	32.0	30.5	28.9	28.6
26	23.0	22.2	28.1	27.1	30.2	28.9	30.4	29.6	31.8	30.5	28.9	28.4
27	23.2	21.6	28.7	27.3	29.9	28.9	30.5	29.7	31.3	30.1	29.7	28.7
28	24.0	22.3	28.9	27.6	30.0	28.8	30.8	30.2	30.6	29.6	29.8	29.2
29	24.6	22.2	29.3	27.9	30.3	28.7	31.7	30.1	30.4	29.4	29.6	28.7
30	25.9	23.5	30.0	28.0	29.9	28.0	31.8	30.3	31.0	29.8	29.6	28.7
31	---	---	29.5	28.3	---	---	31.3	30.2	31.0	30.4	---	---
MONTH	25.9	21.6	30.0	23.4	30.3	26.8	31.8	26.8	32.2	28.6	31.0	27.5
YEAR	32.2	14.6										

02306028 HILLSBOROUGH RIVER AT PLATT STREET AT TAMPA, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	27.9	26.3	26.6	26.1	22.4	22.1	16.2	15.2	17.3	16.2	20.6	19.9
2	27.3	26.5	26.6	26.2	22.5	22.1	16.5	15.3	17.0	16.3	20.4	19.9
3	27.6	26.6	27.1	26.1	22.3	21.9	16.7	15.3	17.6	16.4	20.3	19.0
4	27.7	26.9	26.6	26.1	22.0	21.4	17.6	15.4	18.3	16.6	19.6	18.8
5	27.5	26.8	26.6	26.0	21.6	21.4	17.6	15.6	16.9	16.4	19.7	18.3
6	27.7	26.8	26.0	25.7	21.5	21.0	17.8	15.9	17.0	16.4	19.5	18.3
7	27.7	27.0	25.8	25.3	21.5	21.1	18.7	16.3	17.4	16.6	20.3	18.4
8	27.9	27.2	25.6	25.2	21.7	21.3	19.5	16.7	17.8	16.6	20.3	19.0
9	27.8	27.4	25.4	24.9	22.6	21.4	19.9	17.2	18.6	16.6	19.4	18.6
10	27.8	26.8	25.0	23.3	22.8	21.9	19.8	17.6	18.6	16.8	19.6	17.9
11	27.9	26.0	24.7	23.4	22.3	21.6	20.0	17.8	17.2	16.6	19.7	18.4
12	27.8	25.2	24.5	23.2	21.6	20.3	21.0	18.0	17.3	16.3	19.7	18.2
13	27.8	25.3	24.5	23.9	21.3	20.1	21.9	20.0	17.5	16.4	20.4	18.6
14	27.5	24.9	24.3	23.7	20.9	20.1	22.0	19.8	18.3	16.8	20.9	19.1
15	27.6	25.2	24.2	23.3	20.1	17.4	19.9	19.7	18.5	17.4	20.6	19.5
16	27.3	23.8	23.6	23.1	18.9	16.9	19.9	19.2	19.8	17.8	21.6	20.1
17	27.1	23.7	23.2	22.8	18.1	17.2	19.5	18.6	19.1	18.1	21.5	20.5
18	27.0	24.3	23.0	22.5	17.6	16.6	18.9	17.9	19.3	17.8	20.6	20.0
19	27.0	24.6	22.9	22.5	17.1	16.4	18.3	16.9	18.5	17.8	20.4	19.9
20	26.8	25.1	23.2	22.6	16.6	16.1	17.8	16.6	18.7	17.8	20.8	20.0
21	26.9	25.5	22.9	22.3	16.4	15.9	17.2	16.7	20.1	18.2	20.8	20.2
22	26.5	25.9	22.8	22.3	16.5	15.5	17.6	16.8	20.3	18.8	22.5	20.2
23	26.0	25.7	23.2	22.4	17.2	16.4	18.0	16.6	21.1	18.8	22.3	20.9
24	25.9	25.7	23.4	22.6	17.8	16.4	16.8	16.1	21.8	19.3	21.9	20.9
25	26.0	25.8	23.5	22.9	16.8	15.8	16.5	15.8	21.4	19.9	23.5	20.7
26	26.1	25.8	23.0	22.6	16.2	15.5	16.7	15.7	20.5	19.7	24.0	21.5
27	26.1	25.7	22.7	21.5	15.8	15.3	17.4	16.1	20.6	19.8	25.1	22.6
28	26.0	25.7	22.6	21.8	15.7	15.3	17.0	16.1	20.7	20.0	25.0	22.3
29	26.0	25.6	22.5	22.0	15.7	14.9	17.1	16.1	---	---	23.2	22.5
30	26.2	25.7	22.4	21.9	16.1	15.0	17.2	16.0	---	---	23.5	22.5
31	26.4	26.0	---	---	16.5	14.9	16.9	16.2	---	---	24.2	22.6
MONTH	27.9	23.7	27.1	21.5	22.8	14.9	22.0	15.2	21.8	16.2	25.1	17.9
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.3	22.8	24.8	23.6	29.2	28.0	29.7	29.2	31.1	30.6	31.0	30.2
2	24.9	23.5	24.4	23.6	28.2	26.7	30.1	28.7	31.1	30.5	30.9	29.8
3	23.8	23.3	24.8	23.6	27.9	27.2	30.5	29.4	31.1	30.2	30.8	29.6
4	23.9	23.2	25.0	23.7	27.7	27.1	30.2	29.5	31.5	30.6	30.6	29.9
5	24.3	23.2	24.5	23.8	28.0	27.1	30.1	29.6	31.5	30.2	30.6	29.1
6	25.0	23.2	24.5	23.7	28.2	27.3	30.4	29.7	31.3	29.6	30.4	29.2
7	24.3	23.5	25.5	23.7	28.5	27.7	30.5	29.7	31.2	29.4	30.3	28.9
8	24.8	23.2	25.7	24.1	28.9	27.7	30.3	29.6	31.0	29.5	30.1	29.3
9	24.6	23.1	26.0	24.1	28.8	27.8	30.2	27.4	31.0	30.0	29.8	29.3
10	24.6	23.1	25.8	24.4	28.7	27.5	27.8	26.8	31.0	30.5	29.5	29.2
11	24.9	23.1	25.8	24.6	27.7	26.9	29.4	27.5	31.1	30.2	29.4	29.1
12	24.8	23.5	25.9	24.7	28.4	27.7	29.6	28.2	31.2	30.9	29.3	28.9
13	24.4	23.6	26.2	25.0	28.9	27.9	29.4	28.4	31.4	29.8	29.1	28.9
14	24.3	23.7	25.9	25.0	29.1	27.9	29.3	28.5	31.0	29.7	29.1	28.9
15	24.2	23.5	26.3	25.1	28.5	28.0	29.3	29.0	31.1	29.3	29.2	29.0
16	23.8	22.9	26.8	25.3	28.8	28.3	29.5	29.1	31.1	30.2	29.4	29.1
17	23.5	22.5	27.2	25.5	29.5	28.7	29.7	29.0	31.5	30.2	30.0	28.9
18	23.3	22.2	27.4	25.2	30.1	29.2	29.7	29.2	31.8	30.4	30.0	28.9
19	23.3	21.7	27.3	25.5	30.2	29.2	29.9	29.3	31.8	30.7	29.9	29.1
20	23.5	21.9	28.0	26.0	30.0	29.1	30.3	29.4	32.0	31.0	29.4	28.7
21	23.8	21.8	28.2	26.1	30.0	29.1	30.6	29.7	32.2	31.2	29.3	28.7
22	24.0	21.8	28.1	26.5	29.4	28.9	30.6	29.8	32.1	31.1	29.1	28.3
23	23.5	22.1	28.3	26.9	29.4	27.8	30.2	29.6	32.0	31.5	29.0	28.0
24	23.5	22.5	27.7	26.9	29.6	28.8	30.4	29.1	32.2	31.3	28.9	28.2
25	23.6	22.1	28.5	27.2	29.6	29.3	30.4	29.5	31.9	31.4	28.9	28.6
26	23.1	22.5	28.2	27.2	29.7	29.3	30.5	30.2	31.9	31.4	28.8	28.5
27	23.1	21.7	28.7	27.5	30.0	29.4	30.6	30.2	31.7	30.3	29.6	28.6
28	24.0	22.5	28.9	27.6	29.9	29.7	30.6	30.3	31.1	29.7	29.8	28.9
29	24.5	22.6	29.0	27.9	30.3	29.7	31.6	30.2	30.4	29.5	29.4	28.6
30	25.8	23.1	30.1	28.1	30.0	28.1	31.8	30.6	30.6	29.6	29.5	28.7
31	---	---	29.6	28.4	---	---	31.3	30.4	31.0	30.2	---	---
MONTH	25.8	21.7	30.1	23.6	30.3	26.7	31.8	26.8	32.2	29.3	31.0	28.0
YEAR	32.2	14.9										

02306500 SWEETWATER CREEK NEAR SULPHUR SPRINGS, FL.

LOCATION.--Lat 28° 02'35", long 82° 30'42" (1927 North American datum), in SW$^{1}/_{4}$ sec.16, T.28 S., R.18 E., Hillsborough County, Hydrologic Unit 03100206, 25 ft upstream from culverts on private road, 160 ft upstream from Gunn Highway, 1.7 mi downstream from Lake Ellen, and 3.5 mi west of intersection Interstate 75 and Busch Boulevard at Sulphur Springs.

DRAINAGE AREA.--7.43 mi^2.

PERIOD OF RECORD.--October 1951 to current year.

REVISED RECORDS.--WSP 1905: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 26.00 ft above National Geodetic Vertical Datum of 1929. Prior to May 3, 1974, at site 160 ft downstream. Prior to Oct. 15, 1965, at datum 4.68 ft higher; Oct. 15, 1965, to May 15, 1967, at datum 3.00 ft higher; May 15, 1967, to May 3, 1974, at present datum.

REMARKS.--Records poor. Flow affected by regulation of control structures upstream from station. Since January 1970, flow has been diverted from basin (downstream from station) through Channel G to Rocky Creek. WDR 1992 through WDR 2002 period of record gage height at present datum.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	2.4	0.57	0.14	0.15	2.6	0.97	2.3	9.4	55	39	3.8
2	27	2.3	0.56	0.14	0.48	2.2	1.1	2.0	8.3	45	35	11
3	16	2.2	0.53	0.14	0.15	2.7	0.94	1.5	6.4	40	30	23
4	5.3	1.9	0.50	0.14	0.15	3.8	0.83	1.4	5.1	32	18	9.9
5	4.6	1.5	0.48	0.14	0.14	2.4	0.89	1.7	4.1	11	2.4	8.3
6	4.2	1.4	0.48	0.14	0.14	1.9	0.79	1.6	3.5	13	2.2	5.6
7	3.7	1.4	0.50	0.15	0.14	1.4	0.88	1.3	2.7	32	5.3	3.2
8	3.3	1.4	0.49	0.15	0.14	1.2	1.1	0.97	1.8	47	10	2.8
9	9.9	1.4	0.49	0.15	0.22	1.2	0.71	0.80	2.9	55	19	7.1
10	24	1.4	0.50	0.15	0.25	1.3	0.65	1.2	8.6	51	43	6.0
11	4.7	1.4	0.43	0.15	0.16	1.1	0.59	1.3	12	41	47	2.6
12	3.3	1.4	0.40	0.15	0.13	1.0	0.55	1.0	6.7	35	22	2.4
13	3.2	1.6	0.40	0.16	0.13	0.96	0.59	0.77	5.2	37	21	2.3
14	3.0	1.5	0.38	0.40	0.12	1.3	0.58	0.54	3.8	45	23	2.3
15	3.1	1.4	0.36	0.29	0.12	1.5	0.53	0.49	3.5	44	28	2.2
16	3.1	1.4	0.36	0.24	0.12	1.5	0.47	0.49	3.1	42	33	2.2
17	3.0	1.3	0.36	0.20	0.13	5.7	0.46	0.45	2.5	41	29	2.2
18	2.9	1.3	0.36	0.18	0.12	5.9	0.44	1.2	2.1	37	23	2.1
19	3.0	1.3	0.35	0.16	0.12	4.4	0.43	0.95	2.0	33	19	2.1
20	3.1	1.3	0.33	0.15	0.12	3.9	0.40	0.64	4.7	30	18	2.4
21	3.2	1.3	0.34	0.16	0.12	2.9	0.37	0.47	5.4	5.4	18	3.1
22	3.3	1.3	0.35	0.16	0.15	2.6	0.43	1.2	4.6	4.6	23	3.6
23	3.2	1.4	0.37	0.19	0.14	2.8	1.1	0.54	6.4	4.2	17	8.4
24	3.2	1.4	0.40	0.15	0.15	2.8	1.7	0.44	7.3	5.0	24	7.9
25	3.2	2.5	1.1	0.16	0.22	2.4	0.83	0.43	8.0	4.7	18	6.4
26	3.1	1.5	0.55	0.17	0.23	2.3	2.1	0.25	11	4.0	14	3.0
27	3.0	0.87	0.20	0.16	3.8	2.0	4.9	0.15	14	3.6	22	2.2
28	2.8	0.75	0.15	0.16	3.0	1.8	3.1	0.14	28	3.3	9.6	5.0
29	2.7	0.67	0.14	0.17	---	1.4	2.2	0.13	46	16	13	18
30	2.7	0.61	0.14	0.17	---	1.2	1.6	0.10	71	33	15	10
31	2.5	---	0.14	0.15	---	1.1	---	15	---	35	6.2	---
TOTAL	188.3	43.50	12.71	5.32	11.04	71.26	32.23	41.45	300.1	884.8	646.7	171.1
MEAN	6.07	1.45	0.41	0.17	0.39	2.30	1.07	1.34	10.0	28.5	20.9	5.70
MAX	27	2.5	1.1	0.40	3.8	5.9	4.9	15	71	55	47	23
MIN	2.5	0.61	0.14	0.14	0.12	0.96	0.37	0.10	1.8	3.3	2.2	2.1
AC-FT	373	86	25	11	22	141	64	82	595	1,760	1,280	339

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2005, BY WATER YEAR (WY)

MEAN	6.13	2.35	2.80	3.52	3.78	7.23	4.54	2.14	3.95	7.24	15.6	16.4
MAX	42.3	13.1	56.6	42.4	48.2	79.3	55.8	27.3	40.8	56.7	97.5	83.3
(WY)	(1960)	(1989)	(1998)	(1998)	(1998)	(1960)	(1959)	(1959)	(1959)	(1959)	(1960)	(1979)
MIN	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
(WY)	(1957)	(1957)	(1957)	(1957)	(1957)	(2000)	(1956)	(1955)	(1955)	(1956)	(1956)	(1956)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1952 - 2005	
ANNUAL TOTAL	3,504.08		2,408.51			
ANNUAL MEAN	9.57		6.60		6.32	
HIGHEST ANNUAL MEAN					35.9	1959
LOWEST ANNUAL MEAN					0.15	1956
HIGHEST DAILY MEAN	108	Sep 6	71	Jun 30	396	Mar 17, 1960
LOWEST DAILY MEAN	0.11	May 29	0.10	May 30	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.17	May 26	0.12	Feb 14	0.00	May 15, 1953
MAXIMUM PEAK FLOW			83	Jun 30	438	Mar 17, 1960
MAXIMUM PEAK STAGE			6.23	Jun 30	9.57	May 18, 1979
ANNUAL RUNOFF (AC-FT)	6,950		4,780		4,580	
10 PERCENT EXCEEDS	39		23		17	
50 PERCENT EXCEEDS	2.0		1.9		1.3	
90 PERCENT EXCEEDS	0.34		0.15		0.14	

02306647 SWEETWATER CREEK NEAR TAMPA, FL.

LOCATION.--Lat 28° 00'49", long 82° 32'43" (1927 North American datum), in SW$^{1}/_{4}$ sec.30, T.28 E., R.18 E., Hillsborough County, Hydrologic Unit 03100206, near left bank, 24 ft upstream from structure G-1, 500 ft west of Veterans Expressway, 4.0 mi upstream from mouth, and 7.5 mi northwest of Tampa.

DRAINAGE AREA.--14.3 mi^2.

PERIOD OF RECORD.--April 1964 to September 1981 (discharge measurements only); October 1985 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (Hillsborough County bench mark). Prior to Mar. 25, 1975, nonrecording gage 1,000 ft upstream at datum 10 ft lower; Mar. 25, 1975, to September 1981, nonrecording gage at same site at present datum.

REMARKS.--Records fair except estimated daily discharges, which are poor. WDR 1992 through WDR 2002 period of record gage height at present datum.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	95	8.8	3.2	3.3	3.4	11	6.6	16	30	182	92	14
2	104	8.2	2.8	3.4	3.9	7.8	8.1	11	29	126	88	14
3	78	8.5	2.8	3.5	4.2	7.7	7.4	6.8	15	100	80	49
4	38	8.7	2.2	3.5	4.1	10	6.4	6.2	9.9	79	70	27
5	38	8.4	1.8	3.7	4.1	8.8	6.3	7.7	7.8	49	26	20
6	25	7.1	1.6	4.1	4.1	5.2	6.4	7.8	6.2	39	16	17
7	18	6.5	2.1	3.6	4.1	4.1	6.7	4.7	5.1	47	41	12
8	16	6.3	2.2	3.4	4.4	3.0	6.4	2.8	5.5	80	76	9.9
9	17	6.0	2.3	3.4	4.5	4.2	6.9	2.1	8.7	172	96	10
10	56	5.7	2.5	3.5	6.2	4.9	5.5	1.3	17	173	105	14
11	32	5.6	2.3	3.8	6.3	4.0	5.3	1.9	49	113	131	12
12	17	5.9	2.2	4.0	5.7	3.2	5.3	2.6	27	85	96	9.1
13	15	6.7	2.1	3.9	4.9	2.8	8.5	2.6	17	85	78	8.6
14	14	7.6	2.0	9.7	4.7	5.2	6.3	2.6	13	109	108	8.7
15	15	7.7	2.0	8.0	4.7	7.8	4.8	2.5	12	108	131	8.7
16	15	5.4	2.0	4.8	4.9	7.4	4.0	2.7	11	91	144	8.6
17	13	4.8	2.0	4.0	5.2	44	3.9	2.8	11	78	87	8.8
18	11	4.5	2.0	2.9	5.5	28	3.6	3.0	10	69	70	8.8
19	11	4.4	2.0	2.5	6.5	16	3.7	3.4	16	61	55	8.6
20	11	4.5	2.2	2.5	6.0	12	3.9	3.2	43	55	47	9.1
21	12	4.4	2.3	2.5	5.8	10	4.0	2.8	46	33	43	33
22	11	4.5	2.4	2.5	6.3	8.9	3.9	3.0	32	44	48	45
23	11	4.9	2.7	2.4	6.9	12	6.1	3.7	51	28	46	26
24	10	5.7	2.7	2.0	6.6	12	11	3.5	86	25	42	24
25	10	13	11	2.0	9.8	9.4	7.8	3.5	37	42	51	19
26	10	8.4	12	2.0	13	8.8	13	3.5	33	38	29	13
27	10	5.8	6.0	2.0	36	8.1	50	3.2	31	37	51	7.9
28	10	6.7	4.4	2.1	21	8.0	17	3.3	e74	27	37	5.0
29	11	5.3	4.0	2.6	---	7.2	10	3.4	e280	26	24	24
30	10	4.0	3.4	3.0	---	6.5	6.8	3.4	e237	74	42	28
31	9.6	---	3.2	3.0	---	6.6	---	78	---	82	21	---
TOTAL	753.6	194.0	98.4	107.6	202.8	294.6	245.6	205.0	1,250.2	2,357	2,071	502.8
MEAN	24.3	6.47	3.17	3.47	7.24	9.50	8.19	6.61	41.7	76.0	66.8	16.8
MAX	104	13	12	9.7	36	44	50	78	280	182	144	49
MIN	9.6	4.0	1.6	2.0	3.4	2.8	3.6	1.3	5.1	25	16	5.0
CFSM	1.70	0.45	0.22	0.24	0.51	0.66	0.57	0.46	2.91	5.32	4.67	1.17
IN.	1.96	0.50	0.26	0.28	0.53	0.77	0.64	0.53	3.25	6.13	5.39	1.31

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 2005, BY WATER YEAR (WY)

MEAN	18.6	11.5	19.2	13.5	15.0	15.9	9.17	5.79	19.2	35.5	48.3	48.8
MAX	59.0	77.7	219	89.0	137	89.9	49.1	29.7	101	103	183	149
(WY)	(1996)	(1998)	(1998)	(1998)	(1998)	(1998)	(1987)	(1987)	(2003)	(2003)	(2003)	(2004)
MIN	2.24	1.24	0.71	1.26	1.14	0.59	0.38	0.00	1.43	6.52	8.65	7.44
(WY)	(2001)	(2001)	(2000)	(2001)	(2002)	(2002)	(2000)	(2000)	(2001)	(1993)	(1993)	(1990)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1986 - 2005	
ANNUAL TOTAL	11,863.69		8,282.6			
ANNUAL MEAN	32.4		22.7		21.8	
HIGHEST ANNUAL MEAN					70.1	1998
LOWEST ANNUAL MEAN					6.98	2000
HIGHEST DAILY MEAN	535	Sep 6	280	Jun 29	803	Dec 13, 1997
LOWEST DAILY MEAN	0.62	May 31	1.3	May 10	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.79	May 9	2.0	Dec 13	0.00	May 4, 2000
MAXIMUM PEAK FLOW					930	Dec 13, 1997
MAXIMUM PEAK STAGE					13.83	Dec 13, 1997
ANNUAL RUNOFF (CFSM)	2.27		1.59		1.52	
ANNUAL RUNOFF (INCHES)	30.86		21.55		20.67	
10 PERCENT EXCEEDS	102		74		56	
50 PERCENT EXCEEDS	8.8		8.2		6.9	
90 PERCENT EXCEEDS	1.6		2.6		1.2	

e Estimated

02306647 SWEETWATER CREEK NEAR TAMPA, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--October 1993 to September 2005 (discontinued).

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15--minute-interval, mounted on top of pipe which extends from the handrail, with the top of funnel 24 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2001 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.28	0.00	0.00	0.00
2	0.01	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.60	0.52	0.00	0.01
3	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.09	0.22	0.00	0.01
4	0.00	0.01	0.00	0.00	0.01	0.01	0.00	0.11	0.10	0.00	0.00	0.00
5	0.26	0.05	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.95	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.38	1.59	0.00
9	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.30	1.27	0.02	0.00
10	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.00	0.18	0.16	0.00	0.00
11	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.01	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.45	0.00
13	0.00	0.24	0.00	0.00	0.00	0.00	0.39	0.00	0.00	0.76	0.18	0.00
14	0.00	0.00	0.00	0.50	0.00	0.23	0.00	0.00	0.00	0.00	0.25	0.00
15	0.24	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.76	0.00
16	0.00	0.00	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.15	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.74	0.00	0.14	0.00	0.02	0.07	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	2.05	0.00	0.04	0.06
21	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.33	0.46	0.01	1.11
22	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.08	0.01	0.09	0.14
23	0.00	0.00	0.02	0.00	0.00	0.34	0.52	0.00	0.73	0.00	0.00	0.02
24	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.00
25	0.00	0.33	1.04	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.01	0.00	0.02	0.01	1.52	0.00	0.00	0.11	0.16	0.00
27	0.00	0.18	0.00	0.00	1.56	0.00	0.10	0.00	0.08	0.00	0.08	0.00
28	0.00	0.00	0.00	0.03	0.00	0.10	0.00	0.00	1.94	0.08	0.06	0.00
29	0.00	0.00	0.00	0.01	---	0.00	0.00	0.00	1.00	0.10	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.84	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	2.32	---	0.00	0.01	---
TOTAL	1.20	0.98	1.08	0.58	2.02	3.18	2.79	3.38	10.40	4.65	5.38	1.35

WTR YR 2005 TOTAL 36.99

02306654 HENRY STREET CANAL NEAR TAMPA, FL.

LOCATION.--Lat 27° 59'59", long 82° 33'05" (1927 North American datum), in SE$^{1}/_{4}$ sec.36, T.28 S., R.17 E., Hillsborough County, Hydrologic Unit 03100206, on right upstream wingwall of Golden Drive bridge, 1,300 ft north of Hillsborough Avenue, 0.5 mi upstream from Sweetwater Creek, and 7.0 mi northwest of Tampa.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1985 to September 1990; April 1992 to current year.
REVISED RECORDS.--WDR FL-2002-3A: 2001 (September).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Hillsborough County).

REMARKS.--Records fair.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	6.1	2.8	2.1	2.2	5.5	12	24	26	44	16	8.9
2	13	6.2	2.7	2.0	2.2	3.7	15	12	36	28	15	8.6
3	10	6.2	2.7	2.0	2.2	5.2	13	9.5	17	22	14	8.4
4	18	5.9	2.7	2.0	2.3	6.7	12	9.1	13	18	14	7.6
5	21	6.2	2.6	2.0	2.2	3.7	12	9.5	10	16	13	7.3
6	13	5.8	2.5	2.0	2.2	3.4	12	9.2	8.6	15	19	7.1
7	10	5.7	2.3	2.0	2.2	3.3	12	8.2	7.0	15	29	6.7
8	9.1	5.5	2.0	2.0	2.3	3.3	12	7.7	8.6	19	39	6.6
9	8.6	5.5	2.0	2.0	2.7	5.9	12	7.6	9.3	124	30	6.2
10	8.4	5.3	2.0	1.9	2.8	4.8	12	7.3	8.9	73	19	5.8
11	11	5.3	2.2	1.9	2.3	3.6	12	7.2	39	34	16	5.5
12	9.9	5.4	2.1	2.0	2.2	3.4	11	7.0	12	25	21	5.3
13	8.5	6.4	2.1	1.9	2.2	3.3	21	6.9	10	24	37	5.2
14	8.0	4.9	2.0	6.6	2.2	4.5	13	6.9	8.5	22	39	5.2
15	10	4.8	2.0	3.2	2.1	5.0	12	6.9	7.6	21	73	5.1
16	8.8	4.7	2.0	2.3	2.1	8.8	12	7.2	7.3	24	48	5.1
17	7.8	4.7	2.0	2.2	2.1	51	12	7.3	6.7	22	27	4.7
18	7.8	4.6	2.0	2.2	2.1	23	12	8.6	6.3	20	40	4.5
19	8.0	4.6	2.0	2.1	2.1	18	12	8.0	6.3	18	26	4.2
20	7.9	4.5	2.0	2.3	2.1	15	11	7.7	44	18	20	4.6
21	8.0	4.5	2.0	2.3	2.1	14	11	7.6	14	20	17	43
22	7.9	4.4	1.9	2.4	2.0	14	11	7.6	20	74	14	30
23	7.7	4.4	1.9	2.7	2.0	18	17	7.7	56	30	15	18
24	7.2	5.3	2.0	2.4	2.0	15	17	7.6	36	30	13	14
25	7.0	9.9	21	2.3	3.5	14	12	7.8	16	33	12	11
26	6.9	3.9	8.0	2.3	3.1	13	31	7.8	12	28	13	8.5
27	6.7	3.4	3.7	2.3	31	13	37	7.7	11	23	15	7.7
28	6.7	4.1	2.8	2.3	8.6	13	11	7.6	68	20	13	7.0
29	6.6	2.9	2.4	2.2	---	12	8.8	7.5	68	19	11	6.9
30	6.5	2.8	2.2	2.3	---	12	7.7	7.5	135	18	9.8	7.1
31	6.4	---	2.1	2.2	---	12	---	101	---	16	9.1	---
TOTAL	291.4	153.9	94.7	72.4	99.1	331.1	415.5	355.2	728.1	913	696.9	275.8
MEAN	9.40	5.13	3.05	2.34	3.54	10.7	13.8	11.5	24.3	29.5	22.5	9.19
MAX	21	9.9	21	6.6	31	51	37	101	135	124	73	43
MIN	6.4	2.8	1.9	1.9	2.0	3.3	7.7	6.9	6.3	15	9.1	4.2

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 2005, BY WATER YEAR (WY)

MEAN	8.74	7.02	9.50	7.26	7.44	8.67	6.36	4.32	13.8	18.6	22.6	22.4
MAX	19.7	20.5	62.0	15.8	31.6	33.6	15.9	11.5	36.6	34.6	55.3	73.8
(WY)	(1996)	(1998)	(1998)	(1996)	(1998)	(1987)	(1997)	(2005)	(2003)	(1995)	(1995)	(1988)
MIN	1.79	2.55	2.31	1.99	1.67	1.44	1.30	0.59	3.96	5.58	5.76	8.76
(WY)	(2001)	(2001)	(2002)	(2001)	(2001)	(2000)	(1999)	(2000)	(2001)	(1999)	(2001)	(1990)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1986 - 2005	
ANNUAL TOTAL	5,293.7		4,427.1			
ANNUAL MEAN	14.5		12.1		11.4	
HIGHEST ANNUAL MEAN					19.9	1998
LOWEST ANNUAL MEAN					5.14	2001
HIGHEST DAILY MEAN	529	Sep 6	135	Jun 30	529	Sep 6, 2004
LOWEST DAILY MEAN	1.2	Apr 29	1.9	Dec 22	0.10	May 29, 1992
ANNUAL SEVEN-DAY MINIMUM	1.3	Apr 24	2.0	Jan 7	0.13	May 26, 1992
MAXIMUM PEAK FLOW			347	May 31	1,210	Sep 26, 1997
MAXIMUM PEAK STAGE			9.17	May 31	12.60	Sep 26, 1997
10 PERCENT EXCEEDS	26		25		23	
50 PERCENT EXCEEDS	5.3		7.7		4.9	
90 PERCENT EXCEEDS	1.9		2.1		1.7	

02306774 ROCKY CREEK AT STATE HIGHWAY 587 NEAR CITRUS PARK, FL.

LOCATION.--Lat 28° 03'55", long 82° 34'00" (1927 North American datum), in NW1/4 sec.12, T.28 S., R.17 E., Hillsborough County, Hydrologic Unit 03100206, on right bank, 20 ft north of bridge on State Highway 587 (Gunn Highway), 0.2 mi east of intersection Sheldon Road and Gunn Highway, 1.2 mi south of Citrus Park, and 9.0 mi upstream from mouth.

DRAINAGE AREA.--19 mi^2.

PERIOD OF RECORD.--October 1985 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (Hillsborough County bench mark). Prior to Apr. 2, 1997, at site 120 ft north at same datum; Apr. 2, 1997, to Dec. 17, 1998, at site 120 ft south at same datum.

REMARKS.--Records fair.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	103	11	3.0	2.1	0.77	2.3	7.6	6.4	20	103	65	14
2	111	11	3.0	2.1	0.75	1.5	7.6	6.3	18	77	36	15
3	104	9.5	3.1	2.0	0.75	1.0	7.1	5.5	16	88	31	12
4	101	4.5	6.6	2.0	0.75	1.2	6.2	5.5	16	64	28	4.6
5	97	3.9	4.4	2.0	0.74	0.89	4.7	6.9	15	52	26	4.1
6	92	3.8	3.6	2.0	0.72	0.75	3.5	8.6	13	44	29	4.7
7	89	3.5	3.3	1.9	0.67	0.61	2.9	8.3	13	38	37	4.8
8	86	3.3	3.2	1.9	0.69	0.53	2.7	7.9	17	36	41	4.7
9	81	3.1	3.0	1.9	0.66	0.59	2.6	9.0	13	63	146	4.6
10	75	3.0	3.0	1.8	0.78	0.88	2.4	6.3	17	100	144	4.4
11	73	2.9	2.9	1.8	0.86	0.68	2.1	3.7	38	62	98	4.2
12	71	2.8	2.6	1.9	0.81	0.56	1.7	2.4	40	65	90	4.0
13	67	3.3	2.5	1.8	0.77	0.49	3.7	1.7	62	159	91	3.9
14	64	3.4	2.4	2.5	0.78	0.79	2.8	1.3	41	224	80	3.7
15	55	3.0	2.2	2.6	0.83	2.1	1.9	1.1	36	133	93	3.7
16	50	2.9	2.1	2.4	0.83	2.5	1.4	1.1	34	124	78	3.6
17	45	2.9	2.1	2.1	0.79	7.6	1.1	1.00	33	100	42	3.6
18	41	2.8	2.1	2.1	0.76	9.8	1.0	1.00	31	85	36	3.6
19	38	2.7	2.1	2.0	0.73	9.0	0.98	0.95	30	67	45	3.5
20	36	2.6	2.0	1.6	0.68	8.1	0.96	0.91	29	55	47	3.4
21	35	2.6	1.9	1.1	0.67	9.1	0.94	0.87	29	47	43	4.0
22	24	2.5	1.9	1.1	0.67	13	0.93	0.86	30	45	38	5.5
23	16	2.5	1.9	1.0	0.66	13	1.1	0.82	44	42	29	4.9
24	14	2.5	1.9	0.87	0.64	14	2.2	0.81	67	32	23	4.2
25	13	4.7	2.7	0.83	0.87	12	1.4	0.79	37	26	25	3.9
26	13	3.8	3.3	0.83	1.2	13	1.6	0.78	32	31	29	3.7
27	13	3.4	2.7	0.89	3.4	12	11	0.75	30	47	29	3.4
28	13	3.5	2.5	0.83	3.9	12	7.7	0.75	45	50	28	2.8
29	13	3.3	2.4	0.83	---	10	6.9	0.73	135	52	24	2.9
30	12	3.1	2.3	0.83	---	9.0	5.8	0.70	165	57	21	2.2
31	12	---	2.2	0.83	---	8.2	---	24	---	130	16	---
TOTAL	1,657	117.8	84.9	50.44	27.13	177.17	104.51	117.72	1,146	2,298	1,588	147.6
MEAN	53.5	3.93	2.74	1.63	0.97	5.72	3.48	3.80	38.2	74.1	51.2	4.92
MAX	111	11	6.6	2.6	3.9	14	11	24	165	224	146	15
MIN	12	2.5	1.9	0.83	0.64	0.49	0.93	0.70	13	26	16	2.2
CFSM	3.00	0.22	0.15	0.09	0.05	0.32	0.20	0.21	2.15	4.16	2.88	0.28
IN.	3.46	0.25	0.18	0.11	0.06	0.37	0.22	0.25	2.40	4.80	3.32	0.31

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 2005, BY WATER YEAR (WY)

MEAN	16.3	6.28	14.2	10.4	11.0	12.3	5.88	1.19	9.51	17.1	26.7	36.6
MAX	56.6	44.3	129	98.0	111	103	41.7	4.11	87.4	74.1	114	127
(WY)	(1996)	(1998)	(1998)	(1998)	(1998)	(1998)	(1987)	(1998)	(2003)	(2005)	(2003)	(1988)
MIN	0.01	0.05	0.16	0.17	0.19	0.06	0.00	0.01	0.00	0.36	0.06	0.52
(WY)	(1994)	(1994)	(1994)	(2001)	(2001)	(1994)	(1994)	(2000)	(1994)	(1992)	(1993)	(1993)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1986 - 2005	
ANNUAL TOTAL	11,725.56		7,516.27			
ANNUAL MEAN	32.0		20.6		14.0	
HIGHEST ANNUAL MEAN					53.3	1998
LOWEST ANNUAL MEAN					2.16	1992
HIGHEST DAILY MEAN	208	Sep 6	224	Jul 14	336	Sep 9, 1988
LOWEST DAILY MEAN	0.07	May 31	0.49	Mar 13	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.09	May 28	0.62	Mar 7	0.00	Apr 25, 1990
MAXIMUM PEAK FLOW			268	Jul 14	366	Dec 27, 1997
MAXIMUM PEAK STAGE			23.89	Jul 14	25.52	Dec 27, 1997
ANNUAL RUNOFF (CFSM)	1.80		1.16		0.785	
ANNUAL RUNOFF (INCHES)	24.51		15.71		10.66	
10 PERCENT EXCEEDS	101		66		37	
50 PERCENT EXCEEDS	9.4		3.9		2.5	
90 PERCENT EXCEEDS	0.63		0.82		0.14	

02306904 BRUSHY CREEK NEAR SULPHUR SPRINGS, FL.

LOCATION.--Lat 28° 05'03", long 82° 31'29" (1927 North American datum), in NE$^{1}/_{4}$ sec.5, T.28 S., R.18 E., Hillsborough County, Hydrologic Unit 03100206, near center of span on downstream side of bridge on Ehrlich Road, 3.4 mi upstream from mouth, and 6.1 mi northwest of Sulphur Springs.

DRAINAGE AREA.--6.2 mi^2.

PERIOD OF RECORD.--May 1946 to March 1953, April 1980 to October 1981, October 1987 to September 1996 (miscellaneous measurements only); October 1996 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 30.00 ft above National Geodetic Vertical Datum of 1929 (Hillsborough County bench mark). Prior to Oct. 1, 1996, nonrecording gage at present site at present datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.35 ft, Dec. 27, 1997; dry many days some years.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.72 ft, July 13; minimum, 6.87 ft, May 29.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.75	7.37	7.26	7.05	7.01	7.28	7.16	---	8.43	9.03	---	---
2	9.94	7.37	7.24	7.05	6.99	7.21	7.24	---	8.15	9.25	---	---
3	9.71	7.37	7.22	7.05	6.96	7.21	7.18	---	7.84	9.03	---	---
4	9.73	7.37	7.20	7.04	7.00	7.20	7.14	---	7.68	8.60	---	---
5	9.55	7.36	7.18	7.03	6.99	7.15	7.11	---	7.54	8.35	---	---
6	9.13	7.32	7.16	7.03	6.97	7.12	7.08	---	7.48	8.14	---	---
7	8.84	7.29	7.15	7.02	6.95	7.12	7.07	---	7.41	7.96	---	---
8	8.72	7.26	7.14	7.02	6.95	7.09	7.06	---	7.34	7.90	---	---
9	8.61	7.23	7.13	7.01	6.94	7.16	7.21	---	7.37	8.70	---	---
10	8.54	7.21	7.12	7.03	6.94	7.14	7.41	---	7.54	8.94	---	---
11	8.47	7.22	7.11	7.02	6.94	7.11	7.28	---	7.86	8.58	---	---
12	8.42	7.22	7.10	6.99	7.01	7.08	7.18	---	8.48	8.72	---	---
13	8.30	7.37	7.09	6.97	7.04	7.07	7.21	---	8.90	9.79	---	---
14	8.18	7.31	7.08	7.15	7.04	7.34	7.07	6.99	8.26	9.39	---	---
15	8.18	7.26	7.07	7.09	7.01	7.31	7.04	7.07	7.93	8.96	---	---
16	8.08	7.26	7.05	7.06	6.99	7.31	7.00	7.13	7.74	8.74	---	---
17	7.97	7.25	7.04	7.04	6.97	8.08	6.99	7.17	7.63	8.55	---	---
18	7.91	7.23	7.04	7.03	6.94	7.81	6.98	7.28	7.55	8.40	---	---
19	7.89	7.20	7.03	7.02	6.93	7.55	6.97	7.14	7.49	8.21	---	---
20	7.97	7.19	7.02	7.01	6.92	7.44	6.96	7.07	7.63	8.14	---	---
21	7.97	7.17	7.01	7.00	6.92	7.42	6.95	7.12	7.60	8.07	---	---
22	7.96	7.16	7.01	7.00	6.91	7.39	6.95	7.06	7.69	---	---	---
23	7.89	7.16	7.00	7.01	6.90	7.59	7.14	7.08	8.00	---	---	---
24	7.88	7.16	6.99	7.00	6.90	7.53	7.20	7.07	8.02	---	---	---
25	7.87	7.63	7.29	7.00	7.00	7.44	7.11	7.03	7.73	---	---	---
26	7.82	7.40	7.26	6.99	7.00	7.48	---	6.99	7.69	---	---	---
27	7.76	7.36	7.16	7.02	7.67	7.36	---	6.96	7.63	---	---	---
28	7.72	7.38	7.12	7.03	7.42	7.31	---	6.95	8.22	---	---	---
29	7.69	7.33	7.10	6.99	---	7.26	---	6.89	9.20	---	---	---
30	7.71	7.30	7.08	6.97	---	7.23	---	6.92	10.15	---	---	---
31	7.66	---	7.06	7.02	---	7.19	---	8.68	---	---	---	---
MEAN	8.38	7.29	7.11	7.02	7.01	7.32	---	---	7.94	---	---	---
MAX	9.94	7.63	7.29	7.15	7.67	8.08	---	---	10.15	---	---	---
MIN	7.66	7.16	6.99	6.97	6.90	7.07	---	---	7.34	---	---	---

02306950 BRUSHY CREEK NEAR CITRUS PARK, FL.

LOCATION.--Lat 28° 03'53", long 82° 33'20" (1927 North American datum), in SW$^{1}/_{4}$ sec.12, T.28 S., R.17 E., Hillsborough County, Hydrologic Unit 03100206, on right bank, 200 ft upstream from culverts on Gunn Highway (State Highway 587), 0.45 mi west of Anderson Road, 1.8 mi southeast of Citrus Park, and 6.0 mi upstream from mouth.

DRAINAGE AREA.--Undetermined.

PERIOD OF RECORD.--May 1946 to October 1981 (miscellaneous discharge measurements only); June 1993 to current year.

GAGE.--Water-stage recorder. Datum of gage is 17.32 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	77	12	5.9	7.0	2.8	15	3.3	9.9	85	159	118	30
2	120	13	5.5	3.8	3.7	8.6	3.6	11	60	113	76	49
3	90	8.8	5.7	2.7	3.6	11	3.5	7.8	41	131	64	59
4	80	7.4	9.5	5.8	3.8	13	2.9	7.0	29	84	46	32
5	75	7.1	5.8	4.7	3.6	12	2.8	11	23	62	38	22
6	66	6.7	4.5	2.7	4.0	8.0	2.7	9.4	19	45	38	20
7	64	6.2	4.3	2.6	3.6	5.8	2.7	8.7	16	29	73	14
8	61	6.4	4.1	2.6	2.9	7.5	2.7	7.7	14	25	83	16
9	56	8.2	4.0	3.4	2.5	5.1	2.6	6.6	14	77	292	12
10	49	5.3	4.0	3.2	2.5	7.1	4.1	3.0	16	138	241	12
11	47	4.9	3.9	3.1	2.6	8.3	3.9	4.1	38	88	134	13
12	48	7.1	6.0	6.2	4.1	6.6	3.4	3.5	42	70	104	12
13	42	8.1	5.9	3.4	3.4	8.3	3.1	3.7	125	210	91	11
14	37	6.8	3.5	4.0	2.6	5.9	2.8	3.4	67	325	87	11
15	28	7.9	4.1	5.1	2.5	12	3.2	3.3	41	142	113	10
16	38	7.3	3.5	7.6	2.5	13	5.1	4.4	27	105	104	10
17	26	5.7	4.5	5.0	2.5	41	4.9	2.7	19	82	85	9.6
18	24	5.2	6.4	4.2	3.1	41	4.4	5.9	18	68	71	9.5
19	19	4.8	4.7	5.1	3.9	20	2.6	4.7	16	47	64	9.2
20	20	4.6	4.2	4.3	2.5	11	2.9	2.7	19	46	59	9.2
21	24	4.2	3.3	2.8	2.5	9.8	4.1	3.7	28	30	48	8.8
22	20	3.9	3.2	6.3	2.5	12	2.6	3.7	25	34	42	8.8
23	15	3.8	3.6	6.4	2.4	14	3.5	3.7	58	27	40	9.1
24	15	3.7	7.4	5.5	2.4	13	7.8	2.6	95	31	44	8.9
25	16	11	8.5	5.1	3.3	11	5.9	2.7	44	49	31	8.4
26	13	10	10	3.9	7.0	11	4.7	3.3	27	37	36	8.3
27	12	9.2	6.8	5.2	16	9.1	52	2.6	29	30	35	8.0
28	11	10	5.3	4.1	27	9.4	18	3.5	80	31	37	9.9
29	9.9	12	4.7	2.9	---	6.4	12	2.7	230	44	34	26
30	11	6.9	3.4	3.2	---	4.2	7.2	3.0	276	75	23	12
31	11	---	6.8	4.0	---	3.7	---	67	---	223	23	---
TOTAL	1,224.9	218.2	163.0	135.9	125.8	363.8	185.0	219.0	1,621	2,657	2,374	478.7
MEAN	39.5	7.27	5.26	4.38	4.49	11.7	6.17	7.06	54.0	85.7	76.6	16.0
MAX	120	13	10	7.6	27	41	52	67	276	325	292	59
MIN	9.9	3.7	3.2	2.6	2.4	3.7	2.6	2.6	14	25	23	8.0

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2005, BY WATER YEAR (WY)

MEAN	16.9	9.01	24.9	17.3	19.4	13.8	5.97	2.92	24.7	39.0	46.5	48.4
MAX	41.6	56.7	152	82.5	125	78.8	13.2	7.06	101	85.7	125	132
(WY)	(1996)	(1998)	(1998)	(1998)	(1998)	(1998)	(1998)	(2005)	(2003)	(2005)	(2003)	(2004)
MIN	1.93	1.06	1.08	1.16	0.72	0.46	0.09	0.03	1.24	8.29	13.8	14.7
(WY)	(2001)	(2001)	(2001)	(2001)	(2001)	(2000)	(2000)	(2000)	(1998)	(1996)	(1996)	(1996)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1994 - 2005	
ANNUAL TOTAL	12,916.45		9,766.3			
ANNUAL MEAN	35.3		26.8		22.4	
HIGHEST ANNUAL MEAN					56.3	1998
LOWEST ANNUAL MEAN					8.66	1999
HIGHEST DAILY MEAN	469	Sep 6	325	Jul 14	542	Dec 27, 1997
LOWEST DAILY MEAN	0.40	May 31	2.4	Feb 23	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.41	May 28	2.8	Feb 18	0.00	May 26, 2000
MAXIMUM PEAK FLOW			433	Jul 14	775	Dec 27, 1997
MAXIMUM PEAK STAGE			9.27	Jul 14	11.61	Sep 6, 2004
10 PERCENT EXCEEDS	89		75		62	
50 PERCENT EXCEEDS	11		9.1		6.9	
90 PERCENT EXCEEDS	2.6		3.0		0.66	

02306950 BRUSHY CREEK NEAR CITRUS PARK, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.79	2.89	2.67	2.76	2.52	2.96	2.58	2.89	4.28	5.57	4.86	3.22
2	5.57	2.93	2.65	2.59	2.58	2.75	2.60	2.95	3.76	4.80	4.04	3.55
3	5.04	2.79	2.65	2.52	2.57	2.85	2.59	2.81	3.44	5.11	3.81	3.70
4	4.84	2.73	2.82	2.71	2.58	2.90	2.55	2.77	3.25	4.26	3.47	3.25
5	4.74	2.72	2.65	2.63	2.57	2.87	2.54	2.94	3.13	3.79	3.35	3.06
6	4.46	2.70	2.59	2.51	2.59	2.72	2.53	2.88	3.04	3.49	3.36	3.01
7	4.29	2.68	2.57	2.51	2.57	2.63	2.54	2.86	2.96	3.25	3.99	2.87
8	4.10	2.69	2.56	2.51	2.52	2.71	2.53	2.82	2.90	3.17	4.15	2.91
9	3.86	2.76	2.56	2.56	2.50	2.59	2.52	2.76	2.91	4.12	7.50	2.82
10	3.69	2.63	2.56	2.55	2.50	2.69	2.63	2.56	2.95	5.24	6.79	2.79
11	3.65	2.61	2.55	2.54	2.51	2.74	2.62	2.63	3.38	4.32	5.13	2.82
12	3.67	2.71	2.67	2.73	2.60	2.66	2.58	2.59	3.47	3.97	4.60	2.80
13	3.56	2.76	2.65	2.56	2.56	2.74	2.56	2.60	5.01	6.17	4.36	2.76
14	3.48	2.71	2.53	2.60	2.50	2.63	2.54	2.58	3.90	7.89	4.27	2.76
15	3.32	2.75	2.56	2.67	2.50	2.87	2.57	2.58	3.44	5.27	4.76	2.74
16	3.47	2.72	2.53	2.79	2.50	2.89	2.69	2.65	3.21	4.62	4.60	2.75
17	3.25	2.66	2.58	2.65	2.50	3.47	2.68	2.53	3.04	4.18	4.24	2.72
18	3.21	2.63	2.68	2.61	2.54	3.49	2.65	2.72	3.01	3.88	3.95	2.72
19	3.09	2.61	2.59	2.67	2.59	3.14	2.52	2.66	2.96	3.49	3.79	2.71
20	3.11	2.59	2.56	2.61	2.50	2.92	2.55	2.54	3.02	3.47	3.69	2.71
21	3.22	2.57	2.51	2.52	2.50	2.90	2.63	2.61	3.22	3.21	3.50	2.69
22	3.11	2.55	2.50	2.73	2.49	2.98	2.52	2.60	3.16	3.30	3.41	2.69
23	3.00	2.54	2.53	2.73	2.49	3.02	2.59	2.60	3.78	3.16	3.38	2.70
24	2.98	2.54	2.73	2.69	2.49	3.00	2.82	2.53	4.46	3.25	3.44	2.70
25	3.03	2.87	2.77	2.66	2.55	2.95	2.73	2.53	3.49	3.53	3.25	2.68
26	2.93	2.85	2.86	2.59	2.76	2.92	2.63	2.57	3.20	3.33	3.32	2.67
27	2.89	2.80	2.76	2.67	2.97	2.87	3.76	2.53	3.23	3.22	3.30	2.66
28	2.86	2.84	2.68	2.60	3.24	2.89	3.12	2.59	4.12	3.24	3.34	2.72
29	2.83	2.90	2.64	2.53	---	2.75	2.97	2.53	6.66	3.46	3.29	3.11
30	2.86	2.71	2.57	2.54	---	2.64	2.79	2.55	7.30	4.04	3.09	2.80
31	2.86	---	2.75	2.59	---	2.61	---	3.89	---	6.52	3.09	---
MEAN	3.61	2.71	2.63	2.62	2.58	2.86	2.67	2.70	3.66	4.20	4.04	2.87
MAX	5.57	2.93	2.86	2.79	3.24	3.49	3.76	3.89	7.30	7.89	7.50	3.70
MIN	2.83	2.54	2.50	2.51	2.49	2.59	2.52	2.53	2.90	3.16	3.09	2.66

02307000 ROCKY CREEK NEAR SULPHUR SPRINGS, FL.

LOCATION.--Lat 28° 02'12", long 82° 34'34" (1927 North American datum), in NW1/4 sec.23, T.28 S., R.17 E., Hillsborough County, Hydrologic Unit 03100206, on right bank, 75 ft upstream from concrete control, 2.8 mi downstream from Brushy Creek, 5.8 mi upstream from mouth, and 7.4 mi west of intersection Interstate 75 and Busch Boulevard at Sulphur Springs.

DRAINAGE AREA.--43 mi^2.

PERIOD OF RECORD.--January 1953 to current year.

REVISED RECORDS.--WSP 1905: 1953-65(P).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Mar. 23, 1971, at site 1,500 ft upstream at datum 0.15 ft lower.

REMARKS.--Records poor. WDR 1992 through WDR 2002 period of record gage height at present datum.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	203	39	17	15	4.4	30	16	23	109	e224	e88	e40
2	220	41	15	12	6.2	16	17	28	82	e185	e80	45
3	211	37	14	7.9	4.5	17	17	22	66	e150	e77	62
4	199	29	22	10	7.4	20	15	17	52	e145	e70	39
5	190	26	19	13	4.1	17	13	25	44	e127	e65	26
6	180	25	12	7.8	7.2	15	11	24	34	e112	e83	23
7	169	23	10	6.7	3.7	8.3	10	23	27	e108	e99	18
8	162	22	9.7	6.6	5.4	9.4	10	20	27	e88	e115	18
9	152	24	8.6	7.8	3.5	e11	7.3	20	29	e104	e182	16
10	138	20	8.4	7.4	3.5	e10	8.5	14	35	e135	e177	12
11	130	19	8.4	5.9	3.3	13	10	9.7	69	e115	e166	13
12	128	20	10	10	4.8	8.3	9.4	8.8	78	e93	e154	15
13	119	23	12	9.1	5.4	14	9.7	8.4	126	e183	e121	10
14	115	22	7.6	8.8	3.5	12	9.0	5.1	100	e264	e114	12
15	102	20	7.2	13	3.4	22	5.2	8.4	77	e192	e133	9.2
16	97	23	7.9	14	3.3	22	8.3	8.0	66	e140	e140	12
17	91	19	7.1	14	3.7	51	7.7	5.9	57	e130	e147	7.5
18	82	19	10	9.7	3.8	67	8.2	10	51	e110	e90	6.6
19	76	18	12	8.9	6.5	50	4.4	14	e49	e95	e106	6.6
20	74	18	6.9	11	3.6	36	7.0	7.4	e48	e75	e110	6.5
21	74	18	7.7	6.5	3.3	29	7.8	9.7	e47	e60	e100	15
22	69	18	6.6	9.4	3.3	41	4.4	7.5	e48	e57	e90	20
23	57	17	6.4	13	3.4	41	6.7	10	e55	e52	e70	21
24	52	17	9.9	12	3.6	45	13	5.6	e83	e43	e60	20
25	51	31	17	8.9	4.1	36	15	5.8	e129	e39	e64	16
26	49	32	24	7.3	11	35	11	8.6	e119	e51	e70	14
27	47	26	15	6.1	27	31	58	5.8	e115	e65	e71	13
28	45	24	14	8.2	48	27	42	9.4	e114	e70	e70	7.7
29	44	28	12	5.0	---	25	30	5.4	e144	e85	e60	39
30	42	21	9.3	5.0	---	20	24	7.2	e204	e93	e55	26
31	43	---	12	7.1	---	18	---	68	---	e169	e45	---
TOTAL	3,411	719	358.7	287.1	194.9	797.0	415.6	444.7	2,284	3,559	3,072	589.1
MEAN	110	24.0	11.6	9.26	6.96	25.7	13.9	14.3	76.1	115	99.1	19.6
MAX	220	41	24	15	48	67	58	68	204	264	182	62
MIN	42	17	6.4	5.0	3.3	8.3	4.4	5.1	27	39	45	6.5
CFSM	3.14	0.68	0.33	0.26	0.20	0.73	0.40	0.41	2.18	3.28	2.83	0.56
IN.	3.63	0.76	0.38	0.31	0.21	0.85	0.44	0.47	2.43	3.78	3.27	0.63

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 2005, BY WATER YEAR (WY)

MEAN	37.3	16.1	23.3	24.1	28.4	40.5	20.9	13.3	26.7	49.1	90.9	96.8
MAX	139	128	327	196	259	298	110	148	180	224	290	396
(WY)	(1996)	(1998)	(1998)	(1998)	(1998)	(1960)	(1987)	(1979)	(2003)	(1960)	(1959)	(1979)
MIN	2.21	1.11	1.13	2.35	2.48	0.70	0.27	0.46	0.21	1.86	4.33	8.31
(WY)	(1971)	(1979)	(2001)	(1957)	(1957)	(2000)	(1967)	(2001)	(2000)	(1955)	(1993)	(1972)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1954 - 2005	
ANNUAL TOTAL	29,040.0		16,132.1			
ANNUAL MEAN	79.3		44.2		39.0	
HIGHEST ANNUAL MEAN					119	1998
LOWEST ANNUAL MEAN					4.73	1956
HIGHEST DAILY MEAN	856	Sep 7	264	Jul 14	2,290	Mar 17, 1960
LOWEST DAILY MEAN	1.9	May 10	3.3	Feb 11	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	2.4	May 22	3.9	Feb 10	0.00	Apr 7, 1967
MAXIMUM PEAK FLOW			642	Jul 14	2,840	Jul 29, 1960
MAXIMUM PEAK STAGE			7.51	Jul 14	17.18	Jul 29, 1996
ANNUAL RUNOFF (CFSM)	2.27		1.26		1.12	
ANNUAL RUNOFF (INCHES)	30.87		17.15		15.15	
10 PERCENT EXCEEDS	218		120		98	
50 PERCENT EXCEEDS	28		20		13	
90 PERCENT EXCEEDS	6.5		6.5		2.3	

e Estimated

02307032 DOUBLE BRANCH AT COUNTRY WAY BOULEVARD NEAR OLDSMAR, FL.

LOCATION.--Lat 28° 03'02", long 82° 37'37" (1927 North American datum), in NW$^{1}/_{4}$ sec.17, T.28 S., R.17E., Hillsborough County, Hydrologic Unit 03100206, on right bank, on downstream side of culvert, on Countryway Boulevard, and 2.5 mi northeast of Oldsmar.

DRAINAGE AREA.--0.90 mi^2.

PERIOD OF RECORD.--May 2001 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (levels by Hillsborough County).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 11.23 ft, Sept. 5, 2002; minimum, 4.16 ft, May 9-12, 14, 16, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.55 ft, July 13, 14; minimum, 4.45 ft, Apr. 18-20, May 30, 31.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.53	4.77	4.82	4.73	4.68	5.25	4.66	5.14	6.03	7.36	5.53	5.34
2	6.26	4.76	4.80	4.71	4.67	4.99	4.75	5.02	5.95	7.01	5.39	5.32
3	6.06	4.76	4.77	4.70	4.67	4.92	4.70	4.87	5.50	7.23	5.34	5.26
4	5.91	4.76	4.74	4.70	4.67	5.02	4.65	4.94	5.34	6.93	5.17	5.14
5	5.93	4.76	4.72	4.69	4.65	4.91	4.62	5.00	5.15	6.26	5.07	5.04
6	6.02	4.74	4.71	4.70	4.64	4.85	4.59	4.95	4.98	5.92	5.00	5.07
7	5.76	4.73	4.70	4.70	4.64	4.80	4.58	4.82	4.96	5.69	5.20	4.98
8	5.63	4.72	4.71	4.69	4.64	4.76	4.58	4.71	4.84	5.99	5.52	4.89
9	5.54	4.72	4.71	4.68	4.64	4.84	4.56	4.65	4.98	8.57	5.90	4.79
10	5.46	4.71	4.72	4.67	4.66	4.96	4.54	4.62	5.25	9.01	5.94	4.70
11	5.52	4.71	4.71	4.67	4.64	4.88	4.52	4.59	6.76	8.11	5.63	4.61
12	5.52	4.70	4.69	4.67	4.63	4.81	4.52	4.57	8.41	8.07	5.38	4.54
13	5.42	4.85	4.68	4.67	4.62	4.77	4.51	4.54	7.34	8.90	5.25	4.53
14	5.33	4.86	4.66	4.94	4.62	4.94	4.50	4.52	6.15	10.00	5.39	4.54
15	5.37	4.79	4.63	4.98	4.62	5.09	4.48	4.50	5.69	8.43	5.76	4.53
16	5.32	4.75	4.62	4.87	4.62	5.11	4.47	4.49	5.42	7.72	5.61	4.54
17	5.20	4.73	4.63	4.80	4.63	6.33	4.46	4.53	5.25	7.50	5.64	4.55
18	5.13	4.73	4.63	4.74	4.62	5.96	4.46	4.52	5.08	6.89	5.54	4.54
19	5.08	4.73	4.63	4.71	4.60	5.45	4.46	4.50	4.97	6.54	5.46	4.55
20	5.04	4.73	4.63	4.69	4.59	5.16	4.46	4.47	4.89	6.29	6.06	4.57
21	5.03	4.73	4.62	4.69	4.59	5.09	4.46	4.47	4.89	6.12	6.40	4.79
22	4.98	4.73	4.62	4.69	4.61	5.04	4.46	4.47	5.34	5.94	6.01	5.55
23	4.93	4.74	4.64	4.69	4.63	5.28	4.50	4.47	7.05	5.83	5.88	5.37
24	4.88	4.74	4.66	4.65	4.63	5.26	4.66	4.47	7.92	6.00	5.95	5.07
25	4.84	5.37	4.94	4.65	4.74	5.09	4.62	4.48	6.67	6.64	5.84	4.89
26	4.82	5.11	5.15	4.65	4.84	5.01	4.87	4.48	6.56	6.13	5.75	4.77
27	4.79	4.96	4.94	4.64	5.79	4.93	6.59	4.47	5.76	5.90	5.71	4.70
28	4.78	4.96	4.86	4.65	5.70	4.85	5.52	4.47	6.60	5.71	5.63	4.66
29	4.78	4.89	4.81	4.69	---	4.77	5.13	4.47	9.28	5.65	5.53	4.63
30	4.78	4.85	4.78	4.67	---	4.72	4.90	4.46	9.05	5.62	5.49	4.62
31	4.77	---	4.75	4.69	---	4.69	---	5.02	---	5.68	5.39	---
MEAN	5.34	4.80	4.73	4.71	4.72	5.05	4.69	4.63	6.07	6.89	5.59	4.84
MAX	6.53	5.37	5.15	4.98	5.79	6.33	6.59	5.14	9.28	10.00	6.40	5.55
MIN	4.77	4.70	4.62	4.64	4.59	4.69	4.46	4.46	4.84	5.62	5.00	4.53

02307032 DOUBLE BRANCH AT COUNTRY WAY BOULEVARD NEAR OLDSMAR, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--May 2001 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15--minute interval, mounted on steel pipe with the top of funnel 8 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2001 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.16	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.67	0.07	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.42	0.00	0.00	0.15	0.78	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.35	0.21	0.00	0.00	0.00
5	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.53	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.74	0.31	0.00
9	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00	0.57	1.75	0.50	0.00
10	0.00	0.00	0.03	0.00	0.07	0.00	0.00	0.00	0.19	0.98	0.00	0.00
11	0.32	0.00	0.01	0.00	0.00	0.00	0.00	0.00	1.30	0.23	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.24	0.22	0.00	0.00
13	0.04	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	2.17	0.00	0.00
14	0.00	0.00	0.00	0.76	0.00	0.51	0.00	0.00	0.00	0.00	0.18	0.00
15	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.11	0.00	0.59	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.77	0.00	0.00	0.02	0.04	0.14	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.19	0.00	0.24	0.12
21	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.16	0.00	0.00	1.14
22	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.15	0.00	0.17	0.24
23	0.00	0.00	0.01	0.01	0.00	0.51	0.65	0.00	1.57	0.05	0.00	0.04
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00
25	0.00	0.00	1.04	0.00	0.53	0.00	0.00	0.00	0.00	0.00	0.16	0.00
26	0.00	0.00	0.00	0.00	0.02	0.06	2.01	0.00	0.00	0.00	0.28	0.00
27	0.00	0.00	0.00	0.00	1.59	0.00	0.04	0.00	0.01	0.00	0.17	0.00
28	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	3.50	0.02	0.02	0.00
29	0.00	1.42	0.00	0.00	---	0.00	0.00	0.00	2.01	0.01	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.19	0.09	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	2.16	---	0.00	0.00	---
TOTAL	1.19	1.43	1.09	0.92	2.21	3.77	3.12	3.18	13.38	8.72	2.70	1.54

CAL YR 2004 TOTAL 63.36
WTR YR 2005 TOTAL 43.25

02307200 BROOKER CREEK AT VAN DYKE ROAD NEAR CITRUS PARK, FL.

LOCATION.--Lat 28° 07'34", long 82° 34'14" (1927 North American datum), in NE 1/ 4 sec.23, T.27 S., R.17 E., Hillsborough County, Hydrologic Unit 03100206, at left wingwall on downstream side of box culverts on State Highway 685A (Van Dyke Road), 0.3 mi east of State Highway 587, and 3.4 mi north of Citrus Park.

DRAINAGE AREA.--5.01 mi^2.

PERIOD OF RECORD.--April 1981 to current year. Prior to October 1984, mean daily discharges published in U. S. Geological Survey Open-File Report 86-55.

GAGE.--Water-stage recorder. Datum of gage is 30.72 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair except estimated daily discharge, which is poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	0.22	0.09	0.07	0.02	0.05	0.13	0.16	e1.4	14	1.6	2.8
2	27	0.18	0.08	0.06	0.02	0.04	0.24	0.14	e0.90	13	1.2	2.8
3	23	0.16	0.08	0.06	0.02	0.04	0.24	0.09	e0.80	13	0.94	4.1
4	19	0.13	0.07	0.06	0.01	0.04	0.16	0.23	e0.80	13	0.70	4.6
5	18	0.13	0.07	0.06	0.01	0.04	0.11	0.52	e0.80	11	0.53	4.5
6	16	0.11	0.07	0.05	0.01	0.04	0.09	0.49	e0.80	8.1	0.61	4.3
7	14	0.10	0.07	0.05	0.00	0.03	0.08	0.28	e0.80	5.9	2.5	3.9
8	12	0.09	0.06	0.05	0.00	0.03	0.08	0.16	e0.80	5.3	4.2	3.6
9	10	0.08	0.06	0.05	0.00	0.03	0.07	0.11	e0.80	12	8.3	3.2
10	8.3	0.08	0.06	0.04	0.00	0.04	0.07	0.09	e0.70	17	8.7	2.7
11	7.5	0.08	0.07	0.04	0.00	0.04	0.06	0.08	e0.94	16	7.3	2.2
12	7.0	0.07	0.06	0.04	0.00	0.03	0.05	0.07	e1.2	19	6.6	1.7
13	5.8	0.09	0.06	0.03	0.00	0.03	0.05	0.06	e0.78	25	6.9	1.3
14	4.7	0.09	0.05	0.05	0.00	0.04	0.05	0.05	e0.46	20	6.5	1.0
15	4.1	0.09	0.05	0.07	0.00	0.07	0.04	0.04	e0.30	18	6.8	0.80
16	3.7	0.08	0.04	0.07	0.00	0.08	0.03	0.03	e0.30	18	5.4	0.62
17	2.8	0.08	0.04	0.06	0.00	0.36	0.02	0.02	e0.20	16	4.3	0.49
18	2.1	0.07	0.04	0.05	0.00	0.57	0.01	0.01	e0.25	13	4.7	0.37
19	1.9	0.07	0.04	0.05	0.00	0.42	0.00	0.00	e0.30	12	7.8	0.28
20	2.1	0.06	0.04	0.05	0.00	0.28	0.00	0.00	e0.30	9.3	5.9	0.25
21	2.2	0.06	0.03	0.04	0.00	0.24	0.00	0.00	e0.30	6.8	5.2	0.37
22	1.8	0.05	0.03	0.04	0.00	0.29	0.00	0.00	e0.30	7.3	4.6	0.47
23	1.4	0.05	0.03	0.05	0.00	0.39	0.00	0.00	e1.9	5.6	8.8	0.47
24	1.2	0.05	0.03	0.04	0.00	0.45	0.01	0.00	e3.6	5.2	12	0.37
25	0.93	0.13	0.04	0.04	0.00	0.38	0.01	0.00	e5.9	8.2	9.9	0.27
26	0.75	0.12	0.09	0.04	0.00	0.44	0.03	0.00	e3.3	6.6	8.6	0.20
27	0.61	0.10	0.08	0.03	0.02	0.40	0.97	0.00	e0.98	5.0	7.2	0.15
28	0.49	0.14	0.08	0.03	0.05	0.33	0.58	0.00	e0.70	3.5	6.2	0.12
29	0.41	0.11	0.07	0.03	---	0.26	0.25	0.00	e0.67	2.7	5.1	0.21
30	0.34	0.09	0.07	0.03	---	0.19	0.13	0.00	e16	2.2	4.1	0.21
31	0.29	---	0.07	0.02	---	0.16	---	e0.60	---	2.0	3.3	---
TOTAL	222.42	2.96	1.82	1.45	0.16	5.83	3.56	3.23	47.28	333.7	166.48	48.35
MEAN	7.17	0.10	0.06	0.05	0.01	0.19	0.12	0.10	1.58	10.8	5.37	1.61
MAX	27	0.22	0.09	0.07	0.05	0.57	0.97	0.60	16	25	12	4.6
MIN	0.29	0.05	0.03	0.02	0.00	0.03	0.00	0.00	0.20	2.0	0.53	0.12
AC-FT	441	5.9	3.6	2.9	0.3	12	7.1	6.4	94	662	330	96

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2005, BY WATER YEAR (WY)

MEAN	3.69	1.52	3.49	3.05	3.10	3.91	2.06	0.27	1.87	3.62	6.35	10.9
MAX	14.4	13.9	34.3	17.7	20.5	19.0	16.1	1.46	19.8	15.4	24.3	41.5
(WY)	(1996)	(1998)	(1998)	(1998)	(1998)	(1987)	(1987)	(2003)	(2003)	(1982)	(2003)	(1988)
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(WY)	(1985)	(1985)	(1985)	(1985)	(1985)	(1985)	(1985)	(1985)	(1985)	(1988)	(1992)	(1993)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1982 - 2005	
ANNUAL TOTAL	2,053.49		837.24			
ANNUAL MEAN	5.61		2.29		3.65	
HIGHEST ANNUAL MEAN					11.7	1998
LOWEST ANNUAL MEAN					0.30	1992
HIGHEST DAILY MEAN	137	Sep 9	27	Oct 2	200	Sep 9, 1988
LOWEST DAILY MEAN	0.00	Many days	0.00	Feb 7	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.00	May 11	0.00	Feb 7	0.00	Nov 26, 1981
MAXIMUM PEAK FLOW			29	Oct 2	208	Sep 9, 1988
MAXIMUM PEAK STAGE			19.28	Oct 2	21.53	Sep 9, 1988
ANNUAL RUNOFF (AC-FT)	4,070		1,660		2,650	
10 PERCENT EXCEEDS	18		7.9		11	
50 PERCENT EXCEEDS	0.29		0.15		0.38	
90 PERCENT EXCEEDS	0.00		0.00		0.00	

e Estimated

02307359 BROOKER CREEK NEAR TARPON SPRINGS, FL.

LOCATION.--Lat 28° 05'45", long 82° 41'15" (1927 North American datum), in NE$^{1}/_{4}$ sec.34, T.27 S., R.16 E., Pinellas County, Hydrologic Unit 03100206, on right bank, 1.9 mi upstream from mouth, and 5 mi southeast of Tarpon Springs.

DRAINAGE AREA.--30 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1950 to current year.

REVISED RECORDS.--WRD FL 1969: 1968(M).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

REMARKS.--Records good.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	142	8.3	4.9	1.7	2.3	6.3	4.8	6.6	1.9	154	36	47
2	125	7.2	4.5	1.5	2.0	6.8	4.0	6.0	3.6	124	37	44
3	113	6.5	4.3	1.2	1.8	6.2	3.7	5.0	5.3	108	34	38
4	103	6.2	3.9	1.1	1.6	5.9	3.1	5.0	5.2	92	30	33
5	99	5.8	3.4	1.1	1.5	5.4	2.6	6.6	4.3	75	26	27
6	101	5.2	3.2	1.0	1.5	4.9	2.1	7.5	3.3	63	22	22
7	96	4.6	3.2	1.0	1.3	4.3	1.9	7.6	2.3	54	20	18
8	90	3.8	2.6	1.1	1.3	3.6	1.8	6.8	1.4	48	20	14
9	83	3.3	2.6	1.1	1.1	3.1	1.5	5.4	1.3	71	20	10
10	76	3.0	2.6	1.1	1.1	3.5	1.2	4.0	1.6	120	19	7.4
11	72	2.7	2.0	1.0	0.99	3.3	0.89	2.7	5.4	163	19	5.8
12	69	2.5	1.8	0.96	0.83	2.9	0.68	1.8	15	237	19	4.2
13	66	2.4	1.7	0.96	0.77	2.6	0.59	1.2	32	413	17	3.1
14	62	2.2	1.4	2.2	0.68	3.3	0.42	0.79	31	347	16	2.1
15	58	2.0	1.2	7.3	0.61	5.9	0.29	0.59	27	269	15	1.5
16	53	1.6	1.0	16	0.57	7.1	0.27	0.45	26	197	15	1.3
17	47	1.3	0.94	17	0.53	15	0.21	0.44	24	171	19	1.0
18	41	1.1	0.88	14	0.57	21	0.14	0.58	21	144	18	0.83
19	36	0.84	0.80	11	0.47	22	0.14	0.48	18	112	16	0.76
20	31	0.71	0.69	8.9	0.39	19	0.13	0.37	14	92	15	0.89
21	28	0.61	0.62	7.4	0.34	16	0.10	0.27	12	79	19	2.6
22	25	0.55	0.56	5.8	0.34	13	0.08	0.21	17	70	25	8.3
23	22	0.49	0.55	4.9	0.31	12	0.18	0.15	29	63	38	9.1
24	19	0.43	0.54	4.9	0.29	12	0.50	0.11	54	61	60	8.2
25	17	1.7	0.91	4.4	0.43	11	0.33	0.09	66	67	66	7.5
26	15	2.6	1.7	3.8	0.79	11	0.52	0.06	60	66	55	6.9
27	13	3.0	1.8	3.5	2.6	10	4.2	0.03	53	60	45	6.5
28	12	4.3	1.5	3.1	5.4	9.3	4.8	0.02	58	55	39	5.6
29	10	5.0	1.6	2.8	---	8.2	6.4	0.01	117	49	38	4.7
30	9.3	5.3	1.8	2.5	---	7.1	6.6	0.00	175	39	43	4.0
31	9.1	---	2.0	2.3	---	5.8	---	0.23	---	36	46	---
TOTAL	1,742.4	95.23	61.19	136.62	32.41	267.5	54.17	71.08	884.6	3,699	907	345.28
MEAN	56.2	3.17	1.97	4.41	1.16	8.63	1.81	2.29	29.5	119	29.3	11.5
MAX	142	8.3	4.9	17	5.4	22	6.6	7.6	175	413	66	47
MIN	9.1	0.43	0.54	0.96	0.29	2.6	0.08	0.00	1.3	36	15	0.76
CFSM	1.87	0.11	0.07	0.15	0.04	0.29	0.06	0.08	0.98	3.98	0.98	0.38
IN.	2.16	0.12	0.08	0.17	0.04	0.33	0.07	0.09	1.10	4.59	1.12	0.43

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2005, BY WATER YEAR (WY)

MEAN	20.2	6.49	10.9	11.7	15.1	23.4	10.7	2.74	6.84	22.2	44.7	51.3
MAX	80.1	33.4	159	85.9	140	255	101	49.0	92.6	152	276	279
(WY)	(1954)	(1998)	(1998)	(1998)	(1998)	(1960)	(1959)	(1979)	(1974)	(1960)	(1959)	(1959)
MIN	0.01	0.00	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.02	0.69
(WY)	(1973)	(1979)	(2001)	(2001)	(2001)	(2000)	(1956)	(1956)	(1951)	(1971)	(1993)	(1993)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1951 - 2005	
ANNUAL TOTAL	14,341.00		8,296.48			
ANNUAL MEAN	39.2		22.7		18.9	
HIGHEST ANNUAL MEAN					86.8	1959
LOWEST ANNUAL MEAN					1.97	1992
HIGHEST DAILY MEAN	606	Sep 7	413	Jul 13	1,540	Mar 17, 1960
LOWEST DAILY MEAN	0.00	Many days	0.00	Many days	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.00	May 26	0.05	May 24	0.00	May 17, 1951
MAXIMUM PEAK FLOW			424	Jul 13	1,600	Mar 17, 1960
MAXIMUM PEAK STAGE			12.19	Jul 13	13.32	Mar 17, 1960
ANNUAL RUNOFF (CFSM)	1.31		0.758		0.629	
ANNUAL RUNOFF (INCHES)	17.78		10.29		8.55	
10 PERCENT EXCEEDS	110		66		50	
50 PERCENT EXCEEDS	7.5		5.0		2.9	
90 PERCENT EXCEEDS	0.49		0.51		0.00	

02307359 BROOKER CREEK NEAR TARPON SPRINGS, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1964 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Color, water, fltrd, Pt-Co units (00080)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
DEC													
08...	1135	8.65	2.5	175	768	2.6	6.5	181	19.8	16.1	2.66	2.52	13.9
FEB													
10...	0955	8.47	1.1	175	764	4.0	6.2	191	17.1	16.1	2.72	1.83	16.9
APR													
14...	0847	8.12	.46	200	759	2.2	6.5	239	19.9	21.2	3.11	2.11	20.3
MAY													
19...	1019	8.18	.50	175	--	--	--	--	--	17.0	2.94	2.31	17.9
JUL													
21...	1350	10.96	78	200	--	1.6	6.8	110	27.6	10.7	1.64	2.17	7.37
SEP													
07...	1020	9.66	18	200	--	2.5	6.8	124	25.8	10.9	1.77	2.41	8.62

Date	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitrogen, wat unf by analysis, mg/L (62855)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Strontium, water, fltrd, ug/L (01080)
DEC												
08...	33.0	E.1	7.19	2.2	157	E.04	<.06	E.004	1.44	E.01	.05	51.7
FEB												
10...	41.6	E.1	1.44	1.8	170	<.04	<.06	<.008	1.17	<.02	.03	50.3
APR												
14...	44.4	.1	3.55	2.5	183	.04	.09	.009	1.26	E.02	.05	65.4
MAY												
19...	39.1	.1	5.23	2.3	178	E.03	.07	E.007	1.44	.03	.07	58.1
JUL												
21...	14.6	E.1	3.62	4.1	110	.04	<.06	E.005	1.08	.04	.09	35.4
SEP												
07...	18.6	E.1	4.41	4.4	113	E.02	<.06	E.004	1.03	.03	.06	34.5

<--Less than
E--Estimated

280842082392000 BROOKER CREEK PRESERVE RAINFALL NEAR TARPON SPRINGS, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--September 2000 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15 minute interval, mounted on 2-inch diameter aluminum pipe driven next to recorder shelter with the top of funnel 7 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to October 1, 2004 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.01	0.00	0.00	0.00	0.00	---	0.04	0.51	0.10	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	---	0.26	0.00	0.29	0.68	0.00	0.01
3	0.00	0.00	0.00	0.00	0.03	---	0.00	0.00	0.00	0.01	0.00	0.00
4	0.00	0.07	0.00	0.00	0.02	---	0.00	0.72	0.04	0.02	0.00	0.00
5	0.22	0.00	0.00	0.00	0.00	---	0.00	0.11	0.03	0.00	0.00	0.00
6	0.01	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.09	0.00
7	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.17	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	1.28	0.09	0.00
9	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.28	1.63	0.00	0.00
10	0.00	0.00	0.14	0.00	0.02	0.00	0.00	0.00	0.14	---	0.00	0.00
11	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93	---	0.02	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.51	---	0.04	0.00
13	0.00	0.17	0.00	0.00	0.00	0.00	0.36	0.00	0.00	---	0.00	0.00
14	0.00	0.00	0.00	1.62	0.00	0.54	0.00	0.00	0.00	---	0.60	0.00
15	0.08	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	---	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.57	0.00	0.04	0.00	---	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.14	0.00	---	0.05	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.06	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	1.31	0.20
21	0.09	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.17	0.00	0.00	0.88
22	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.04	1.08	0.00	0.38	0.10
23	0.00	0.00	0.00	0.00	0.00	0.31	0.73	0.00	2.49	0.00	0.42	0.01
24	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.06	0.23	0.00	0.00
25	0.00	1.36	0.65	0.00	0.73	0.14	0.00	0.00	0.07	0.00	0.02	0.00
26	0.00	0.00	0.01	0.00	0.01	0.11	2.08	0.00	0.00	0.00	0.21	0.00
27	0.00	0.22	0.00	0.00	---	0.00	0.00	0.00	0.77	0.00	0.01	0.00
28	0.00	0.06	0.00	0.01	---	0.06	0.00	0.00	0.95	0.05	0.02	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.97	0.14	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.11	0.44	0.06	0.00
31	0.00	---	0.00	0.00	---	0.00	---	2.18	---	0.01	0.01	---
TOTAL	0.83	1.93	0.81	1.64	---	---	3.47	3.74	10.05	---	3.52	1.20

02307498 LAKE TARPON CANAL AT S-551, NEAR OLDSMAR, FL.

LOCATION.--Lat 28° 03'10", long 82° 42'34" (1927 North American datum), in NW$^{1}/_{4}$ sec.16, T.28 S., R.16 E., Pinellas County, Hydrologic Unit 03100206, on right bank of outfall canal at control structure, 300 ft east of State Highway 593, 1,500 ft north of State Highway 586, and 3.4 mi northwest of Oldsmar.

DRAINAGE AREA.--65 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1971 to September 1974 (gage heights only); October 1974 to June 1990; October 2000 to current year.

GAGE.--Dual water-stage recorder. Datum of gage is 10.00 ft below National Geodetic Vertical Datum of 1929.

REMARKS.--Records poor. Flow regulated at station by manipulation of vertical lift gates and slide gates.

COOPERATION.--Records of gate operations furnished by southwest Florida Water Management District.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	78	98	84	110	149	61	93	e115	363	0.00	1.6
2	0.03	78	99	84	108	142	81	106	e123	216	0.00	0.00
3	3.9	78	98	85	106	135	71	104	122	232	0.00	0.42
4	14	76	93	85	112	138	65	113	124	317	16	0.66
5	99	86	90	84	106	131	60	124	127	99	0.00	0.76
6	317	75	89	85	101	129	57	135	129	90	0.13	0.21
7	296	70	89	86	101	122	48	130	125	99	0.61	0.00
8	0.95	67	91	87	99	128	59	124	120	191	2.5	0.00
9	5.7	68	87	89	96	123	59	123	122	585	7.2	0.00
10	12	62	90	90	110	128	55	121	125	102	11	0.00
11	21	59	101	88	106	124	51	117	143	240	12	0.00
12	198	57	88	85	90	121	46	111	43	619	13	0.00
13	25	65	85	78	84	114	52	106	0.00	559	15	0.00
14	34	68	94	153	80	124	51	102	0.00	512	13	0.00
15	43	66	81	160	84	138	49	98	0.00	534	15	0.00
16	47	62	74	159	84	138	43	95	27	198	16	0.00
17	52	60	72	148	88	177	37	92	188	204	110	0.00
18	56	58	74	143	89	369	32	90	192	191	84	0.00
19	63	56	76	138	81	449	29	85	195	180	0.00	2.0
20	74	55	76	132	77	336	28	e85	192	183	0.00	0.00
21	82	56	64	131	75	25	27	e83	192	161	e0.00	0.00
22	82	55	61	128	79	26	25	e81	215	74	e0.97	0.00
23	81	55	62	147	79	37	26	e77	122	0.00	e28	0.00
24	82	50	73	123	77	46	38	e74	177	0.00	128	0.00
25	85	98	75	117	88	48	30	e71	334	0.00	287	0.00
26	84	97	101	115	98	58	33	e66	294	1.0	306	0.00
27	84	90	86	118	118	56	76	e62	259	4.7	82	0.00
28	83	102	83	116	147	71	85	e60	158	8.7	57	0.00
29	82	98	83	111	---	66	82	e58	297	176	24	0.00
30	82	96	82	115	---	64	80	e55	1,610	249	0.00	0.00
31	81	---	82	115	---	63	---	e79	---	128	0.00	---
TOTAL	2,269.58	2,141	2,597	3,479	2,673	3,975	1,536	2,920	5,870.00	6,516.40	1,228.41	5.65
MEAN	73.2	71.4	83.8	112	95.5	128	51.2	94.2	196	210	39.6	0.19
MAX	317	102	101	160	147	449	85	135	1,610	619	306	2.0
MIN	0.00	50	61	78	75	25	25	55	0.00	0.00	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2005, BY WATER YEAR (WY)

MEAN	30.0	21.6	30.3	39.2	48.1	53.6	21.6	16.3	35.9	75.9	106	148
MAX	181	153	309	123	193	200	108	163	196	210	281	447
(WY)	(1976)	(1989)	(2003)	(1984)	(1983)	(1987)	(1987)	(1979)	(2005)	(2005)	(2003)	(1979)
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	6.56	0.19
(WY)	(2001)	(1975)	(1975)	(1975)	(2001)	(2001)	(1975)	(1975)	(1981)	(1977)	(1975)	(2005)

02307498 LAKE TARPON CANAL AT S-551, NEAR OLDSMAR, FL.—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1975 - 2005	
ANNUAL TOTAL	42,510.35		35,211.04			
ANNUAL MEAN	116		96.5		53.1	
HIGHEST ANNUAL MEAN					129	2003
LOWEST ANNUAL MEAN					17.6	1977
HIGHEST DAILY MEAN	1,320	Sep 8	1,610	Jun 30	2,290	Sep 9, 1988
LOWEST DAILY MEAN	0.00	Many days	0.00	Many days	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.00	May 29	0.00	Sep 7	0.00	Oct 24, 1974
10 PERCENT EXCEEDS	334		178		122	
50 PERCENT EXCEEDS	63		82		2.3	
90 PERCENT EXCEEDS	1.6		0.00		0.00	

e Estimated

02307498 LAKE TARPON CANAL AT S-551, NEAR OLDSMAR, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 1972 to current year (incomplete).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Color, water, fltrd, Pt-Co units (00080)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
APR													
14...	0801	12.86	51	40	759	5.5	8.1	859	24.1	47.8	10.8	4.55	94.7
SEP													
07...	0955	13.02	.00	80	--	4.0	7.9	631	29.4	35.8	7.13	3.85	64.9

Date	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitrogen, wat unf by analysis, mg/L (62855)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Strontium, water, fltrd, ug/L (01080)
APR												
14...	195	.2	2.45	30.0	453	<.04	<.06	<.008	.59	E.01	.06	227
SEP												
07...	139	.1	3.51	20.3	391	<.04	<.06	<.008	.90	<.02	.04	164

<--Less than
E--Estimated

02307498 LAKE TARPON CANAL AT S-551, NEAR OLDSMAR, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--November 2000 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage, mounted on top of gage house with the top of funnel 8 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	---	0.00	0.00	0.20
2	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.00	---	0.24	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.00	---	0.01	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.64	0.03	0.00	0.00	0.00
5	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.65	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.65	0.05
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.84	0.00
9	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.42	1.63	0.31	0.00
10	0.00	0.00	0.02	0.00	0.06	0.01	0.00	0.00	0.24	1.01	0.00	0.00
11	0.39	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.80	0.00	0.04	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.75	1.09	0.00	0.00
13	0.00	0.77	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.06	0.00	0.00
14	0.00	0.00	0.00	0.58	0.00	0.50	0.00	0.00	0.00	0.00	0.01	0.00
15	0.16	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.01	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.69	0.00	0.00	0.00	0.05	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.83	0.00	0.00	0.15	0.47	0.72	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.04	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.35	0.00	0.86	0.12
21	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.77	0.00	0.00	0.64
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.16
23	0.00	0.00	0.01	0.00	0.00	0.39	0.49	0.00	2.12	0.00	0.00	0.03
24	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	1.16	0.00
25	0.00	1.26	0.89	0.00	0.69	0.00	0.00	0.00	0.01	0.00	0.10	0.00
26	0.00	0.00	0.01	0.00	0.00	0.05	2.00	0.00	0.00	0.00	0.14	0.00
27	0.00	0.00	0.00	0.00	1.35	0.00	0.04	0.00	0.12	0.00	0.42	0.00
28	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	1.12	0.46	0.00	0.00
29	0.00	0.01	0.00	0.00	---	0.00	0.00	0.00	2.70	0.05	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.31	0.19	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	---	---	0.10	0.00	---
TOTAL	1.18	2.12	0.94	0.63	2.10	3.80	3.16	---	---	6.09	5.29	1.20

02307668 ALLIGATOR CREEK BELOW BELCHER ROAD AT CLEARWATER, FL.

LOCATION.--Lat 27° 58'46", long 82° 44'33" (1927 North American datum), in NW1/4 sec.7, T.29 S., R.16 E., Pinellas County, Hydrologic Unit 03100206, on right bank in Long Center recreation area, 0.6 mi north of the intersection of Coachman and Belcher Roads in Clearwater, and 5.0 mi east of Clearwater City Hall in Clearwater.

SURFACE AREA.--3.67 mi^2.

PERIOD OF RECORD.--October 1995 to September 1996: October 2003 to current year.

GAGE.--Water-stage recorder. Datum of gage is 25.00 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair except those for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	2.3	1.3	0.48	0.39	2.9	0.63	5.1	9.4	6.7	4.0	1.0
2	9.6	2.3	1.3	0.47	0.40	2.0	2.4	2.9	5.2	6.9	3.5	0.94
3	8.5	2.3	1.2	0.44	0.55	2.9	0.88	2.1	2.9	5.3	2.8	0.85
4	7.9	2.3	1.1	0.36	0.48	2.9	0.69	5.4	1.9	4.3	2.2	0.81
5	40	2.5	1.0	0.38	0.48	1.8	0.63	3.6	2.7	3.5	1.9	0.81
6	25	2.5	1.0	0.44	0.48	1.7	0.63	2.6	1.7	3.2	2.1	0.81
7	16	2.6	1.0	0.48	0.48	1.6	0.63	2.0	1.6	5.4	7.4	0.81
8	11	2.4	1.0	0.48	0.48	1.6	0.65	1.8	1.4	5.6	6.3	0.81
9	8.9	2.2	1.2	0.48	0.48	3.6	0.68	1.8	2.2	14	5.5	0.81
10	7.6	2.4	1.5	0.48	0.76	3.9	0.71	1.8	3.4	31	3.2	0.81
11	14	2.0	1.9	0.48	0.48	3.4	0.63	1.8	17	13	2.5	0.97
12	9.9	1.9	1.8	0.48	0.48	2.2	0.66	1.9	29	7.8	2.1	1.3
13	8.0	4.0	1.6	0.48	0.48	1.8	0.94	1.9	9.4	6.3	1.9	0.88
14	6.9	2.1	1.7	1.2	0.48	2.3	0.85	1.9	5.0	5.3	1.9	0.52
15	6.7	1.9	1.5	0.36	0.52	2.8	0.76	2.0	e4.5	5.1	1.9	0.39
16	5.6	1.6	1.4	0.35	0.67	5.0	0.76	1.9	e4.1	5.1	1.7	0.40
17	5.0	1.4	1.5	0.33	1.1	12	0.81	1.9	e3.7	4.2	12	0.40
18	4.6	1.2	1.7	0.28	1.2	4.2	0.99	2.0	e3.5	3.6	12	0.39
19	4.2	1.1	1.8	0.24	0.93	2.4	1.3	3.2	e3.2	22	4.0	0.54
20	3.8	1.0	1.7	0.22	0.91	1.7	1.6	2.0	e9.6	11	3.2	0.82
21	3.4	1.0	1.6	0.20	0.96	1.5	1.6	1.7	9.0	6.2	2.5	2.3
22	3.0	1.1	1.4	0.25	0.88	1.3	1.6	1.6	6.8	4.6	6.8	1.9
23	2.7	1.2	1.8	0.38	0.99	2.6	2.4	1.5	18	4.0	4.6	1.7
24	2.7	1.5	1.1	0.40	1.1	1.4	0.65	1.4	11	4.1	4.3	1.5
25	2.7	15	6.1	0.35	1.8	0.98	0.48	1.5	6.1	3.5	3.7	1.4
26	2.7	3.9	0.99	0.36	0.48	0.94	16	1.4	4.4	3.2	3.1	1.4
27	2.6	2.7	0.58	0.35	16	0.81	12	1.6	4.2	3.1	6.4	1.3
28	2.6	2.4	0.55	0.37	4.4	0.79	4.6	1.9	6.3	9.0	3.3	1.4
29	2.5	2.0	0.48	0.47	---	0.72	2.8	1.9	7.6	12	2.0	1.1
30	2.4	1.6	0.48	0.45	---	0.68	2.0	1.9	16	7.3	1.7	1.0
31	2.4	---	0.48	0.41	---	0.63	---	23	---	5.7	1.3	---
TOTAL	243.9	74.4	43.76	12.90	38.84	75.05	61.96	89.0	210.8	232.0	121.8	30.07
MEAN	7.87	2.48	1.41	0.42	1.39	2.42	2.07	2.87	7.03	7.48	3.93	1.00
MAX	40	15	6.1	1.2	16	12	16	23	29	31	12	2.3
MIN	2.4	1.0	0.48	0.20	0.39	0.63	0.48	1.4	1.4	3.1	1.3	0.39
MED	5.6	2.2	1.3	0.40	0.54	1.8	0.83	1.9	4.7	5.4	3.2	0.86
AC-FT	484	148	87	26	77	149	123	177	418	460	242	60
CFSM	2.14	0.68	0.38	0.11	0.38	0.66	0.56	0.78	1.91	2.04	1.07	0.27
IN.	2.47	0.75	0.44	0.13	0.39	0.76	0.63	0.90	2.14	2.35	1.23	0.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2005, BY WATER YEAR (WY)

MEAN	6.88	2.09	1.54	2.91	6.17	4.31	4.14	2.92	4.29	9.14	9.98	7.65
MAX	11.1	2.48	2.51	5.57	8.77	6.49	7.69	4.48	7.03	15.6	18.9	18.0
(WY)	(1996)	(2005)	(1996)	(1996)	(1996)	(1996)	(1996)	(1996)	(2005)	(2004)	(2004)	(2004)
MIN	1.70	1.35	0.70	0.42	1.39	2.42	2.07	1.41	2.49	4.30	3.93	1.00
(WY)	(2004)	(2004)	(2004)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)	(1996)	(2005)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1996 - 2005	
ANNUAL TOTAL	2,620.20		1,234.48			
ANNUAL MEAN	7.16		3.38		5.17	
HIGHEST ANNUAL MEAN					6.48	2004
LOWEST ANNUAL MEAN					3.38	2005
HIGHEST DAILY MEAN	180	Jul 20	40	Oct 5	180	Jul 20, 2004
LOWEST DAILY MEAN	0.44	Jan 13	0.20	Jan 21	0.20	Jan 21, 2005
ANNUAL SEVEN-DAY MINIMUM	0.47	Jan 11	0.27	Jan 16	0.27	Jan 16, 2005
MAXIMUM PEAK FLOW			364	Jul 19	557	Feb 3, 1996
MAXIMUM PEAK STAGE			6.14	Jul 19	8.30	Feb 3, 1996
ANNUAL RUNOFF (AC-FT)	5,200		2,450		3,740	
ANNUAL RUNOFF (CFSM)	1.95		0.922		1.41	
ANNUAL RUNOFF (INCHES)	26.56		12.51		19.14	
10 PERCENT EXCEEDS	16		7.8		12	
50 PERCENT EXCEEDS	2.7		1.9		2.3	
90 PERCENT EXCEEDS	0.72		0.48		0.56	

e Estimated

02307671 ALLIGATOR CREEK BELOW U. S. HIGHWAY 19 AT CLEARWATER, FL.

LOCATION.--Lat 27° 58'30", long 82° 43'39" (1927 North American datum), in SW$^{1}/_{4}$ sec.8, T.29 S., R.16 E., Pinellas County, Hydrologic Unit 03100206, on right bank, 700 ft east of U. S. Highway 19, 1.0 mi north of State Highway 60, 1.8 mi upstream from mouth, and 5.3 mi east of City Hall in Clearwater.

DRAINAGE AREA.--6.17 mi^2.

PERIOD OF RECORD.--May 1982 to September 1987; October 1995 to September 1996; July 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is 8.52 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1983, at present site at datum 2.04 ft higher; Oct. 1, 1983, to Sept. 30, 1987, at present site at datum 1.64 ft lower; Oct. 1, 1995 to Sept. 30, 1996, at present site at datum 5.83 ft lower.

REMARKS.--Records fair. The maximum peak stage published prior to 2004 water year has been adjusted to present datum. The correct stage is 10.63 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	2.3	4.6	4.5	1.5	14	2.7	7.2	31	22	9.0	5.8
2	17	2.4	3.9	4.5	1.6	5.8	5.9	3.9	24	23	6.6	5.2
3	13	2.7	3.4	4.5	1.6	6.0	3.6	2.1	15	19	5.5	4.6
4	11	2.2	3.0	4.5	2.0	7.6	3.1	8.7	9.0	14	4.8	3.5
5	33	2.0	2.8	4.2	1.7	5.1	2.8	7.5	8.1	10	4.3	2.9
6	54	1.7	3.1	4.0	1.6	3.7	2.5	5.7	4.5	6.4	4.2	3.0
7	27	1.5	2.8	4.0	1.8	3.1	2.4	4.4	3.7	7.4	11	3.0
8	20	1.6	2.7	4.1	1.5	2.8	2.5	3.5	3.2	7.6	15	2.9
9	16	1.9	2.6	3.9	1.5	4.8	2.3	3.0	4.5	30	20	2.7
10	13	1.8	2.8	3.8	2.3	5.0	2.2	2.7	7.1	65	9.2	2.5
11	24	1.6	2.5	3.6	1.6	4.2	2.0	2.5	39	40	5.2	2.4
12	22	1.5	2.4	3.5	1.4	3.2	1.9	2.2	62	23	4.0	2.9
13	16	6.7	2.3	3.7	1.5	2.7	2.4	2.0	55	28	3.4	2.7
14	13	4.2	2.1	7.7	1.6	2.8	1.9	1.9	21	22	3.3	2.1
15	12	2.9	1.9	5.7	1.4	4.2	1.6	1.8	11	13	3.1	1.5
16	11	2.2	1.9	4.6	1.5	6.9	1.5	1.7	7.8	12	2.8	1.4
17	9.1	1.9	2.2	4.0	1.5	46	1.4	1.6	6.4	9.6	28	1.3
18	7.9	1.9	2.1	3.6	2.0	40	1.3	1.5	5.4	7.1	21	1.2
19	7.2	1.6	2.0	3.0	1.6	14	1.3	3.0	4.7	28	15	1.2
20	6.7	1.4	2.4	2.8	1.4	7.1	1.2	3.7	27	47	13	1.3
21	6.3	1.3	2.1	2.6	1.3	6.0	1.1	2.4	29	18	12	3.1
22	5.5	1.5	2.1	2.4	1.2	5.3	1.1	2.1	21	11	15	4.3
23	5.0	1.4	2.3	2.9	1.1	8.6	2.6	1.7	27	8.6	19	3.5
24	4.6	2.3	2.4	2.2	0.84	6.1	2.4	1.6	38	8.1	14	2.9
25	4.1	26	14	2.1	4.0	5.2	1.7	1.5	21	7.2	15	2.5
26	3.6	11	24	2.2	2.4	5.0	14	1.3	15	6.1	11	2.3
27	3.2	7.7	14	2.0	43	4.4	53	1.2	11	5.7	16	2.1
28	3.0	6.9	9.5	1.8	38	3.9	13	1.2	12	11	13	2.7
29	2.8	5.4	6.0	2.0	---	3.5	3.7	1.0	18	16	9.3	3.2
30	2.6	4.6	5.1	1.8	---	3.1	1.1	0.97	41	20	7.8	2.4
31	2.5	---	4.7	1.7	---	2.9	---	26	---	16	6.7	---
TOTAL	394.1	114.1	139.7	107.9	124.44	243.0	140.2	111.57	582.4	561.8	327.2	83.1
MEAN	12.7	3.80	4.51	3.48	4.44	7.84	4.67	3.60	19.4	18.1	10.6	2.77
MAX	54	26	24	7.7	43	46	53	26	62	65	28	5.8
MIN	2.5	1.3	1.9	1.7	0.84	2.7	1.1	0.97	3.2	5.7	2.8	1.2
AC-FT	782	226	277	214	247	482	278	221	1,160	1,110	649	165
CFSM	2.06	0.62	0.73	0.56	0.72	1.27	0.76	0.58	3.15	2.94	1.71	0.45
IN.	2.38	0.69	0.84	0.65	0.75	1.47	0.85	0.67	3.51	3.39	1.97	0.50

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2005, BY WATER YEAR (WY)

MEAN	9.11	3.75	7.12	6.68	9.10	10.4	6.14	3.79	12.2	19.8	21.0	19.2
MAX	17.3	7.80	42.2	15.8	24.6	37.0	13.9	9.11	38.0	40.5	37.3	36.7
(WY)	(1996)	(1984)	(2003)	(2003)	(1983)	(1987)	(1987)	(1996)	(2003)	(1987)	(2004)	(1985)
MIN	2.01	1.24	1.14	1.25	1.42	1.28	0.50	0.02	2.09	6.98	10.2	2.77
(WY)	(2001)	(2001)	(2001)	(2001)	(2001)	(2000)	(2000)	(2000)	(2000)	(1996)	(2000)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1982 - 2005	
ANNUAL TOTAL	4,988.73		2,929.51			
ANNUAL MEAN	13.6		8.03		10.6	
HIGHEST ANNUAL MEAN					17.5	2003
LOWEST ANNUAL MEAN					5.05	2000
HIGHEST DAILY MEAN	265	Jul 20	65	Jul 10	272	Mar 30, 1987
LOWEST DAILY MEAN	0.30	Jan 17	0.84	Feb 24	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.77	Jun 17	1.3	May 24	0.00	May 22, 2002
MAXIMUM PEAK FLOW			159	Jun 12	536	Jul 20, 1987
MAXIMUM PEAK STAGE			6.17	Jun 12	*10.63	Aug 10, 1982
ANNUAL RUNOFF (AC-FT)	9,900		5,810		7,710	
ANNUAL RUNOFF (CFSM)	2.21		1.30		1.73	
ANNUAL RUNOFF (INCHES)	30.08		17.66		23.45	
10 PERCENT EXCEEDS	31		21		25	
50 PERCENT EXCEEDS	4.9		3.7		4.9	
90 PERCENT EXCEEDS	1.4		1.5		1.1	

*Present datum

02307671 ALLIGATOR CREEK BELOW U. S. HIGHWAY 19 AT CLEARWATER, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--May to September 1982; November 1983 to September 1987; September 1995 to November 1996; July 1999 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15--minute-interval, mounted on a pole with top of funnel 10 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation November 1983 to September 1987; September 1995 to November 1996; and July to September 1999 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.19	0.00	0.00	0.00
2	0.01	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.38	0.59	0.00	0.00
3	0.00	0.00	0.00	0.00	0.05	0.52	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.42	0.00	0.00	0.00	0.00
5	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.12	0.00	0.00	0.03
6	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.04	1.18	0.02
8	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.32	0.83	0.00
9	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.30	0.86	0.34	0.00
10	0.00	0.00	0.02	0.00	0.12	0.00	0.00	0.00	0.44	1.12	0.00	0.00
11	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.00	0.07	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.31	0.02	0.00	0.00
13	0.00	0.48	0.00	0.00	0.00	0.00	0.13	0.00	0.00	1.73	0.00	0.00
14	0.00	0.00	0.00	0.49	0.00	0.06	0.00	0.00	0.00	0.04	0.43	0.00
15	0.16	0.00	0.00	0.00	0.00	0.26	0.00	0.02	0.00	0.12	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.91	0.00	0.00	0.00	0.13	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.81	0.00	0.00	0.00	0.00	1.13	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	3.64	0.29	0.00
20	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	1.27	0.03	0.00	0.08
21	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.39	0.00	0.35	0.34
22	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.03	0.00	0.40	0.08
23	0.00	0.00	0.02	0.00	0.00	0.37	0.39	0.00	0.79	0.00	0.00	0.01
24	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.16	0.41	0.00
25	0.00	0.93	0.93	0.00	0.71	0.02	0.00	0.00	0.00	0.00	0.04	0.00
26	0.00	0.00	0.00	0.00	0.01	0.01	2.00	0.00	0.00	0.00	0.12	0.00
27	0.00	0.12	0.00	0.00	2.01	0.00	0.05	0.00	0.07	0.00	0.50	0.00
28	0.00	0.00	0.00	0.03	0.00	0.01	0.00	0.00	0.69	0.07	0.01	0.63
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.51	0.48	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.01	0.00	0.75	1.08	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	1.71	---	0.00	0.00	---
TOTAL	1.80	1.65	0.97	0.60	2.91	3.50	2.92	2.95	9.24	10.43	6.84	1.19

CAL YR 2004 TOTAL 58.22
WTR YR 2005 TOTAL 45.00

02307731 ALLEN CREEK NEAR LARGO, FL.

LOCATION.--Lat 27° 56'30", long 82° 45'00" (1927 North American datum), in SE$^{1}/_{4}$ sec.24, T.29 S., R.15 E., Pinellas County, Hydrologic Unit 03100206, 3.0 mi northeast of Largo, and 3.1 mi upstream from mouth.

DRAINAGE AREA.--1.9 mi^2.

PERIOD OF RECORD.--February 1947 to September 1951; October 1971 to September 1986 (miscellaneous discharge measurements); August 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is 15.58 ft above National Geodetic Vertical Datum of 1929. Prior to Sept. 30, 1951, at site 60 ft upstream at present datum.

REMARKS.--Records fair except those for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.3	1.2	1.9	0.95	0.81	2.1	0.86	4.3	8.7	10	2.2	2.3
2	3.9	1.2	1.7	0.93	0.81	1.5	2.3	1.8	3.6	12	1.7	2.3
3	3.3	1.3	1.1	0.93	0.81	1.5	1.2	1.2	1.8	9.4	1.2	2.1
4	3.0	1.2	1.1	0.93	0.81	3.2	0.88	2.9	1.2	7.3	0.98	1.5
5	11	1.3	1.0	0.93	0.79	1.7	0.77	1.7	1.3	5.0	0.92	1.1
6	7.9	1.1	0.96	0.91	0.82	1.4	0.70	1.3	1.3	3.4	0.79	1.0
7	3.6	1.1	0.93	0.96	0.87	1.2	0.70	0.91	0.90	11	11	0.99
8	3.0	1.1	0.93	0.99	0.85	1.2	0.75	0.74	0.81	11	11	1.1
9	2.5	1.1	0.93	0.94	0.83	2.3	0.71	0.66	0.97	20	10	1.1
10	2.2	1.1	0.95	0.90	0.87	2.4	0.59	0.70	4.0	32	5.0	1.1
11	7.4	1.0	1.0	0.93	1.0	1.8	0.50	0.58	18	18	2.9	0.99
12	3.9	1.0	0.90	0.89	0.90	1.5	0.48	0.51	8.2	15	2.1	0.97
13	2.9	3.6	0.87	0.87	0.83	1.3	1.9	0.49	5.9	12	1.5	0.95
14	2.3	1.8	0.87	2.6	0.83	1.3	0.82	0.46	2.4	11	1.8	0.96
15	3.0	1.2	0.83	1.8	0.87	1.9	0.52	0.39	1.9	11	1.5	1.2
16	2.4	1.1	0.87	1.2	0.86	4.7	0.43	0.37	1.6	12	0.99	1.1
17	2.0	1.0	0.87	1.1	0.81	16	0.40	0.39	1.4	10	15	1.2
18	1.9	1.00	0.87	0.95	0.81	3.7	0.37	0.39	1.4	7.4	16	1.1
19	1.8	0.98	0.87	0.87	0.78	2.1	0.36	3.0	1.2	22	9.6	1.2
20	1.8	0.95	0.85	0.83	0.76	1.7	0.36	5.4	19	13	6.5	1.5
21	1.7	0.86	0.84	0.82	0.77	1.6	0.35	1.2	15	5.3	4.3	3.6
22	1.6	0.84	0.85	0.85	0.91	1.5	0.34	0.67	14	4.2	7.9	5.5
23	1.5	0.83	0.90	1.1	0.91	3.0	0.45	0.50	16	5.8	17	2.9
24	1.4	0.83	0.98	0.98	0.87	1.9	1.2	0.40	15	6.3	12	1.6
25	1.4	12	5.9	0.89	2.7	1.5	0.49	0.39	8.8	3.9	11	0.87
26	1.4	3.5	3.8	0.83	2.8	1.4	11	0.36	6.0	2.8	5.9	0.59
27	1.4	2.5	1.6	0.81	20	1.2	13	0.36	9.5	2.3	8.5	0.52
28	1.3	2.9	1.2	0.82	4.8	1.1	2.5	0.33	11	7.7	7.6	0.48
29	1.3	2.3	1.1	0.90	---	1.0	1.8	0.28	14	7.8	3.9	0.47
30	1.3	2.0	1.0	0.89	---	0.90	1.4	0.25	19	4.5	3.1	0.45
31	1.2	---	0.99	0.82	---	0.88	---	11	---	3.0	2.6	---
TOTAL	89.6	53.89	39.46	31.12	50.48	70.48	48.13	43.93	213.88	306.1	186.48	42.74
MEAN	2.89	1.80	1.27	1.00	1.80	2.27	1.60	1.42	7.13	9.87	6.02	1.42
MAX	11	12	5.9	2.6	20	16	13	11	19	32	17	5.5
MIN	1.2	0.83	0.83	0.81	0.76	0.88	0.34	0.25	0.81	2.3	0.79	0.45
AC-FT	178	107	78	62	100	140	95	87	424	607	370	85
CFSM	1.54	0.96	0.68	0.53	0.96	1.21	0.85	0.75	3.79	5.25	3.20	0.76
IN.	1.77	1.07	0.78	0.62	1.00	1.39	0.95	0.87	4.23	6.06	3.69	0.85

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1947 - 2005, BY WATER YEAR (WY)

MEAN	1.90	1.15	2.00	1.70	1.62	1.34	1.31	0.70	2.99	5.22	5.76	5.46
MAX	2.89	1.87	11.6	4.01	4.45	2.65	4.22	3.55	13.9	12.0	9.88	10.4
(WY)	(2005)	(1948)	(2003)	(2003)	(2004)	(2003)	(2003)	(2003)	(2003)	(2000)	(1947)	(2001)
MIN	0.72	0.36	0.49	0.49	0.22	0.05	0.10	0.00	0.00	0.43	0.41	1.42
(WY)	(2001)	(1951)	(2001)	(1950)	(1950)	(1949)	(1949)	(1949)	(1948)	(1948)	(1950)	(2005)

02307731 ALLEN CREEK NEAR LARGO, FL.—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1947 - 2005	
ANNUAL TOTAL	1,423.50		1,176.29			
ANNUAL MEAN	3.89		3.22		2.62	
HIGHEST ANNUAL MEAN					5.63	2003
LOWEST ANNUAL MEAN					1.26	1951
HIGHEST DAILY MEAN	90	Jul 20	32	Jul 10	155	Jul 15, 2000
LOWEST DAILY MEAN	0.19	Jul 13	0.25	May 30	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.28	Jul 9	0.34	May 24	0.00	May 21, 1947
MAXIMUM PEAK FLOW			145	Jul 19	1,020	Jul 15, 2000
MAXIMUM PEAK STAGE			6.47	Jul 19	11.64	Jun 26, 1974
ANNUAL RUNOFF (AC-FT)	2,820		2,330		1,900	
ANNUAL RUNOFF (CFSM)	2.07		1.71		1.40	
ANNUAL RUNOFF (INCHES)	28.17		23.28		18.96	
10 PERCENT EXCEEDS	9.6		10		5.7	
50 PERCENT EXCEEDS	1.5		1.2		1.0	
90 PERCENT EXCEEDS	0.55		0.69		0.10	

02307731 ALLEN CREEK NEAR LARGO, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--October 1970 to September 1979; August 1999 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15-minute-interval, mounted on pole with the top of the funnel 8 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to August 1, 1999 not published but are available in files of the Geological Survey. Rainfall data for the 2000-2002 water years is in error. Corrected data are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.04	0.00	0.00	0.00	0.01	0.00	0.00	0.62	0.22	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.39	0.05	0.00	0.04
3	0.00	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.01	0.00	0.00	0.00
4	0.00	0.01	0.00	0.00	0.01	0.01	0.00	0.32	0.00	0.09	0.00	0.00
5	0.47	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.29	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.04	0.48	1.21	0.01
8	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.36	0.62	0.00
9	0.00	0.00	0.00	0.00	0.00	0.42	0.00	0.00	0.10	1.02	0.33	0.00
10	0.00	0.00	0.03	0.00	0.06	0.00	0.00	0.00	0.65	1.33	0.00	0.00
11	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.17	0.00	0.00	0.00
12	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.01	0.00	0.00
13	0.00	0.31	0.00	0.00	0.00	0.00	0.42	0.00	0.00	0.01	0.00	0.00
14	0.00	0.00	0.00	0.47	0.00	0.03	0.00	0.00	0.00	0.20	0.80	0.00
15	0.26	0.00	0.00	0.00	0.00	0.04	0.00	0.02	0.00	0.12	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.85	0.00	0.03	0.00	0.47	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.85	0.00	0.01	0.00	0.00	0.54	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	4.78	0.07	0.00
20	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.74	0.44	0.00	0.05
21	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.37	0.00	0.11	0.32
22	0.00	0.00	0.00	0.11	0.00	0.01	0.00	0.00	0.02	0.00	1.11	0.11
23	0.00	0.00	0.01	0.00	0.00	0.36	0.19	0.00	0.56	0.16	0.15	0.01
24	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.07	0.70	0.00
25	0.00	0.62	0.93	0.00	0.45	0.02	0.00	0.00	0.00	0.00	0.03	0.00
26	0.00	0.00	0.00	0.00	0.01	0.00	1.82	0.00	0.00	0.00	0.18	0.00
27	0.00	0.19	0.00	0.00	2.03	0.00	0.03	0.00	0.50	0.00	0.49	0.00
28	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00	0.86	0.11	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.99	0.91	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.05	0.00	0.35	0.04	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	2.10	---	0.00	0.00	---
TOTAL	1.45	1.23	0.97	0.63	2.57	3.11	2.92	3.49	7.77	10.65	6.74	0.54

CAL YR 2004 TOTAL 49.02
WTR YR 2005 TOTAL 42.07

02307780 LONG BRANCH NEAR PINELLAS PARK, FL.

LOCATION.--Lat 27° 54'56", long 82° 43'30" (1927 North American datum), in SW$^{1}/_{4}$ sec.32, T.29 S., R.16 E., Pinellas County, Hydrologic Unit 03100207, on right edge of water on upstream side of culvert on Roosevelt Boulevard, 0.3 mi east of intersection U.S. 19 and Roosevelt Boulevard, 1.5 mi upstream from mouth, and 3.8 mi northeast of Pinellas Park.

DRAINAGE AREA.--1.25 mi^2.

PERIOD OF RECORD.--October 2003 to current year.

GAGE.--Water-stage recorder. Datum of gage is 34.81 ft below National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair except those for estimated daily discharges, which are poor, and those discharges greater than 100 ft^3/s, which are poor due to poor rating definition.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.3	1.7	1.0	0.64	0.58	2.6	1.6	9.2	6.8	12	3.1	2.1
2	3.0	1.6	0.95	0.62	0.53	1.7	3.6	3.4	5.6	9.6	3.3	2.0
3	2.8	1.5	0.97	0.60	0.57	1.8	2.5	2.5	2.7	7.3	3.6	1.8
4	2.7	1.6	0.87	0.64	0.60	3.3	2.0	3.1	1.7	6.1	3.6	3.7
5	3.2	1.5	0.85	0.68	0.55	1.9	1.8	3.1	1.9	4.3	3.4	2.0
6	4.6	1.5	0.84	0.71	0.52	1.6	1.7	2.4	1.7	3.4	3.0	1.8
7	3.1	1.4	0.79	0.75	0.55	1.4	1.7	2.2	1.2	15	17	1.6
8	2.8	1.3	0.79	0.76	0.59	1.5	1.7	2.1	1.1	26	12	1.5
9	2.5	1.3	0.78	0.75	0.57	2.7	1.6	2.1	1.2	47	62	1.4
10	2.4	1.2	0.77	0.70	0.51	2.5	1.6	2.2	4.8	80	7.7	1.2
11	5.1	1.1	0.66	0.69	0.44	1.5	1.7	2.3	24	16	2.7	1.2
12	4.4	1.1	0.54	0.60	0.35	1.3	1.7	2.5	9.3	20	3.1	1.1
13	3.1	3.1	0.53	0.53	0.34	1.1	12	2.6	5.0	15	2.5	1.0
14	2.6	2.5	0.50	5.1	0.33	1.0	2.0	2.6	2.4	7.7	1.8	1.0
15	3.3	1.6	e0.40	2.6	0.33	1.1	1.2	2.7	1.9	5.9	1.8	0.99
16	2.9	1.5	0.41	1.6	0.37	4.3	1.0	12	1.7	4.7	1.7	0.94
17	2.5	1.3	0.43	1.2	0.37	25	0.94	5.7	1.6	5.6	13	0.92
18	2.4	1.2	0.43	1.0	0.31	5.5	0.93	3.1	1.5	3.8	2.9	0.90
19	2.3	1.2	0.46	0.98	0.32	3.1	0.87	2.6	1.4	5.2	2.1	0.82
20	2.3	1.1	0.44	0.99	0.33	2.4	0.90	2.4	7.9	7.0	1.9	0.74
21	2.2	1.1	0.44	0.99	0.36	2.1	0.95	2.5	5.5	4.0	1.8	1.5
22	2.2	1.0	0.51	0.97	0.39	2.0	0.94	2.6	3.7	3.6	3.0	1.3
23	2.2	1.1	0.93	1.5	0.40	3.3	0.98	2.7	3.6	3.3	5.0	1.1
24	2.1	1.2	0.91	1.1	0.41	2.6	1.4	2.6	4.9	3.2	4.9	0.63
25	2.1	3.6	7.4	1.0	1.5	2.1	1.0	2.6	3.2	3.3	5.5	0.45
26	2.4	1.6	4.6	0.98	1.2	1.9	6.5	2.6	2.7	3.2	2.5	0.38
27	2.1	1.2	1.5	0.95	25	1.8	12	2.5	12	3.1	3.6	0.39
28	2.0	2.3	1.0	0.93	5.3	2.0	2.4	2.5	11	2.9	3.7	0.37
29	1.9	1.4	0.78	1.1	---	1.6	1.8	2.7	11	2.9	2.4	0.32
30	1.8	1.1	0.67	0.81	---	1.5	1.6	2.7	16	3.1	2.1	0.30
31	1.7	---	0.66	0.59	---	1.6	---	8.6	---	3.0	2.1	---
TOTAL	84.0	45.9	32.81	33.06	43.62	89.8	72.61	105.4	159.0	337.2	188.8	35.45
MEAN	2.71	1.53	1.06	1.07	1.56	2.90	2.42	3.40	5.30	10.9	6.09	1.18
MAX	5.1	3.6	7.4	5.1	25	25	12	12	24	80	62	3.7
MIN	1.7	1.0	0.40	0.53	0.31	1.0	0.87	2.1	1.1	2.9	1.7	0.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)

MEAN	2.11	1.19	0.94	1.31	2.54	1.95	2.02	2.48	3.22	9.66	7.31	9.37
MAX	2.71	1.53	1.06	1.54	3.48	2.90	2.42	3.40	5.30	10.9	8.54	17.6
(WY)	(2005)	(2005)	(2005)	(2004)	(2004)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)
MIN	1.50	0.85	0.82	1.07	1.56	1.00	1.62	1.57	1.15	8.45	6.09	1.18
(WY)	(2004)	(2004)	(2004)	(2005)	(2005)	(2004)	(2004)	(2004)	(2004)	(2004)	(2005)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2004 - 2005	
ANNUAL TOTAL	1,527.51		1,227.65			
ANNUAL MEAN	4.17		3.36		3.68	
HIGHEST ANNUAL MEAN					4.00	2004
LOWEST ANNUAL MEAN					3.36	2005
HIGHEST DAILY MEAN	179	Sep 26	80	Jul 10	179	Sep 26, 2004
LOWEST DAILY MEAN	0.29	Jan 26	0.30	Sep 30	0.29	Jan 26, 2004
ANNUAL SEVEN-DAY MINIMUM	0.40	Feb 17	0.34	Feb 14	0.34	Feb 14, 2005
MAXIMUM PEAK FLOW			180	Aug 9	682	Jul 20, 2004
MAXIMUM PEAK STAGE			43.17	Aug 9	45.12	Jul 20, 2004
10 PERCENT EXCEEDS	6.1		5.8		6.0	
50 PERCENT EXCEEDS	1.1		1.8		1.3	
90 PERCENT EXCEEDS	0.50		0.55		0.51	

e Estimated

02307834 UPPER HIGHLANDS CANAL AT CONTROL NEAR PINELLAS PARK, FL.

LOCATION.--Lat 27° 52'19", long 82° 41'23" (1983 North American datum), in NW$^{1}/_{4}$ sec.15, T.30 S., R.16E., Pinellas County, Hydrologic Unit 03100207, on upstream side of a fixed weir, 100 ft north of 110th Avenue, 800 ft east of 43rd Street, and 2.5 mi northeast of Pinellas Park.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--June 2002 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 3.39 ft below National Geodetic Vertical datum of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 11.40 ft, July 13, 2005; minimum, 8.05 ft, June 24, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.40 ft, July 13; minimum, 9.63 ft, May 30-31.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.22	10.0	9.94	9.98	9.95	10.07	10.07	10.07	9.93	10.29	10.12	10.10
2	10.20	9.99	9.93	9.98	9.95	10.06	10.08	10.08	10.04	10.25	10.11	10.09
3	10.18	9.98	9.93	9.98	9.94	10.06	10.07	10.08	10.06	10.22	10.09	10.10
4	10.16	9.97	9.92	9.98	9.94	10.08	10.06	10.08	10.06	10.22	10.08	10.16
5	10.17	9.96	9.91	9.97	9.92	10.07	10.05	10.07	10.10	10.20	10.07	10.14
6	10.19	9.94	9.91	9.97	9.91	10.07	10.04	10.06	10.13	10.17	10.08	10.13
7	10.17	9.93	9.91	9.97	9.90	10.07	10.04	10.05	10.12	10.15	10.11	10.11
8	10.15	9.92	9.91	9.96	9.90	10.06	10.03	10.04	10.10	10.13	10.15	10.10
9	10.13	9.92	9.90	9.96	9.89	10.07	10.01	10.03	10.13	10.20	10.15	10.08
10	10.12	9.90	9.91	9.96	9.89	10.09	9.99	10.02	---	10.29	10.13	10.06
11	10.13	9.89	9.90	9.95	9.87	10.08	9.97	10.0	10.26	10.28	10.12	10.05
12	10.13	9.89	9.89	9.95	9.86	10.07	9.96	9.98	10.27	10.25	10.11	10.03
13	10.12	9.93	9.88	9.94	9.85	10.07	9.99	9.95	10.24	10.55	10.11	10.01
14	10.12	9.95	9.87	10.01	9.84	10.07	9.97	9.93	10.20	10.74	10.10	9.99
15	10.12	9.94	9.85	10.02	9.84	10.07	9.94	9.96	10.18	10.50	10.09	9.97
16	10.11	9.92	9.83	10.0	9.83	10.10	9.91	9.94	10.16	10.39	10.08	9.95
17	10.10	9.91	9.83	9.98	9.83	10.31	9.88	9.93	10.13	10.31	10.15	9.94
18	10.10	9.90	9.83	9.96	9.81	10.27	9.86	9.91	10.12	10.26	10.15	9.92
19	10.09	9.90	9.83	9.95	9.80	10.23	9.85	9.88	10.10	10.22	10.13	9.90
20	10.09	9.90	9.82	9.94	9.78	10.19	9.83	9.86	10.10	10.20	10.12	9.88
21	10.09	9.90	9.81	9.94	9.78	10.16	9.82	9.84	10.10	10.18	10.11	9.87
22	10.08	9.90	9.81	9.95	9.77	10.15	9.81	9.81	10.10	10.16	10.13	9.87
23	10.07	9.90	9.82	9.97	9.77	10.15	9.79	9.79	10.15	10.14	10.20	9.90
24	10.06	9.90	9.82	9.94	9.76	10.14	9.79	9.77	10.21	10.13	10.20	9.89
25	10.05	9.92	9.91	9.94	9.78	10.13	9.76	9.75	10.18	10.12	10.19	9.87
26	10.05	9.91	10.0	9.94	9.80	10.12	9.78	9.73	10.16	10.10	10.16	9.85
27	10.03	9.91	9.99	9.94	10.0	10.11	9.95	9.70	10.15	10.09	10.16	9.84
28	10.02	9.95	9.98	9.94	10.07	10.09	9.94	9.69	10.18	10.09	10.16	9.88
29	10.02	9.94	9.98	9.96	---	10.08	9.93	9.66	10.30	10.10	10.15	9.98
30	10.01	9.94	9.98	9.96	---	10.08	9.92	9.64	10.35	10.11	10.13	9.97
31	10.00	---	9.98	9.95	---	10.08	---	9.79	---	10.13	10.11	---
MEAN	10.11	9.93	9.90	9.96	9.87	10.11	9.94	9.91	---	10.23	10.13	9.99
MAX	10.22	10.00	10.00	10.02	10.07	10.31	10.08	10.08	---	10.74	10.20	10.16
MIN	10.00	9.89	9.81	9.94	9.76	10.06	9.76	9.64	---	10.09	10.07	9.84

02307834 UPPER HIGHLANDS CANAL AT CONTROL NEAR PINELLAS PARK, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--June 2002 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15--minute interval, mounted on antenna mast with the top of funnel 6 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.17	0.28	0.02	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.59	0.07	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.01	0.00	0.00	0.77
4	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.11	0.04	0.24	0.00	0.00
5	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.06
6	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.53	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.36	0.00
8	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.08	0.05	0.31	0.00
9	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.74	1.19	0.00	0.00
10	0.00	0.00	0.05	0.00	0.09	0.00	0.00	0.00	0.47	0.96	0.00	0.00
11	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.33	0.15	0.00
13	0.00	0.39	0.00	0.00	0.00	0.00	0.39	0.00	0.00	4.12	0.00	0.00
14	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
15	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.31	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	1.20	0.00	0.00	0.00	0.00	0.65	0.00
17	0.00	0.00	0.00	0.00	0.00	1.10	0.00	0.00	0.00	0.00	0.36	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.34	0.02	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.07	0.00	0.02	0.09
22	0.01	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.01	0.00	0.69	0.24
23	0.00	0.00	0.09	0.00	0.00	0.33	0.13	0.00	1.45	0.00	0.03	0.01
24	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.29	0.00
25	0.00	0.07	1.05	0.00	0.32	0.01	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.01	0.00	0.00	0.00	1.19	0.00	0.00	0.00	0.04	0.00
27	0.00	0.33	0.00	0.00	1.98	0.00	0.04	0.00	0.13	0.00	0.38	0.00
28	0.00	0.01	0.00	0.12	0.00	0.01	0.00	0.00	1.06	0.02	0.00	0.92
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.69	0.40	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.01	0.02	0.16	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	1.86	---	0.00	0.00	---
TOTAL	1.21	0.99	1.20	0.95	2.39	3.56	2.26	3.51	8.06	8.25	3.81	2.09

CAL YR 2004 TOTAL 63.87
WTR YR 2005 TOTAL 38.28

02307835 UPPER HIGHLANDS CANAL BELOW CONTROL NEAR PINELLAS PARK, FL.

LOCATION.--Lat 27° 52'19", long 82° 41'23" (1983 North American datum), in NW$^{1}/_{4}$ sec.15, T.30 S., R.16E., Pinellas County, Hydrologic Unit 03100207, on downstream side of a fixed weir, 100 ft north of 110th Avenue, 800 ft east of 43rd Street, and 2.5 mi northeast of Pinellas Park.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--June 2002 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 3.39 ft below National Geodetic Vertical Datum of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 11.39 ft, July 13, 2005; minimum, 8.46 ft, June 8, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.39 ft, July 13; minimum, 8.61 ft, April 7.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.92	8.67	8.70	8.69	8.69	8.77	8.70	8.98	8.93	8.88	8.74	8.72
2	8.91	8.67	8.71	8.69	8.70	8.73	8.74	8.84	8.95	8.84	8.73	8.72
3	8.90	8.66	8.70	8.69	8.69	8.72	8.71	8.79	8.84	8.82	8.72	8.76
4	8.87	8.66	8.69	8.69	8.71	8.76	8.70	8.76	8.78	8.83	8.72	8.78
5	8.89	8.67	8.69	8.70	8.70	8.73	8.70	8.75	8.95	8.82	8.71	8.74
6	8.90	8.66	8.69	8.71	8.69	8.72	8.70	8.74	8.95	8.80	8.74	8.72
7	8.91	8.65	8.70	8.71	8.69	8.70	8.67	8.72	8.81	8.79	8.77	8.71
8	8.89	8.65	8.71	8.71	8.69	8.71	8.68	8.73	8.77	8.78	8.79	8.71
9	8.89	8.66	8.70	8.71	8.69	8.74	8.68	8.72	8.88	8.91	8.76	8.70
10	8.88	8.65	8.69	8.71	8.71	8.75	8.68	8.72	---	9.05	8.73	8.70
11	8.90	8.64	8.71	8.71	8.70	8.72	8.67	8.72	9.10	8.91	8.72	8.70
12	8.90	8.64	8.70	8.71	8.68	8.72	8.68	8.71	9.04	8.88	8.73	8.70
13	8.89	8.68	8.69	8.69	8.68	8.71	8.71	8.72	8.90	9.55	8.73	8.70
14	8.88	8.69	8.69	8.76	8.67	8.72	8.69	8.71	8.83	9.45	8.73	8.70
15	8.82	8.68	8.68	8.74	8.68	8.72	8.70	8.74	8.79	9.00	8.72	8.70
16	8.74	8.68	8.67	8.71	8.69	8.77	8.68	8.72	8.77	8.89	8.72	8.70
17	8.71	8.67	8.67	8.69	8.69	9.24	8.68	8.73	8.76	8.84	8.82	8.70
18	8.71	8.67	8.68	8.69	8.69	8.96	8.67	8.73	8.75	8.81	8.75	8.69
19	8.73	8.67	8.68	8.68	8.68	8.84	8.67	8.72	8.75	8.82	8.73	8.67
20	8.72	8.68	8.67	8.68	8.69	8.79	8.67	8.71	8.76	8.84	8.71	8.66
21	8.72	8.68	8.66	8.68	8.68	8.76	8.66	8.71	8.76	8.82	8.71	8.65
22	8.72	8.68	8.66	8.70	8.68	8.75	8.67	8.71	8.76	8.80	8.73	8.68
23	8.70	8.68	8.67	8.71	8.68	8.79	8.67	8.70	8.93	8.80	8.78	8.69
24	8.69	8.68	8.70	8.70	8.68	8.78	8.69	8.69	8.95	8.79	8.75	8.68
25	8.70	8.69	8.77	8.69	8.70	8.75	8.69	8.69	8.82	8.79	8.75	8.67
26	8.70	8.68	8.75	8.70	8.70	8.75	8.73	8.67	8.78	8.78	8.72	8.67
27	8.69	8.68	8.72	8.71	8.98	8.72	8.83	8.67	8.76	8.79	8.73	8.67
28	8.68	8.70	8.70	8.71	8.86	8.72	8.76	8.66	8.86	8.79	8.74	8.70
29	8.68	8.69	8.69	8.70	---	8.71	8.72	8.65	9.01	8.79	8.72	8.71
30	8.68	8.69	8.69	8.72	---	8.71	8.70	8.64	9.10	8.75	8.71	8.70
31	8.67	---	8.68	8.70	---	8.71	---	8.84	---	8.75	8.72	---
MEAN	8.79	8.67	8.69	8.70	8.71	8.76	8.70	8.73	---	8.88	8.74	8.70
MAX	8.92	8.70	8.77	8.76	8.98	9.24	8.83	8.98	---	9.55	8.82	8.78
MIN	8.67	8.64	8.66	8.68	8.67	8.70	8.66	8.64	---	8.75	8.71	8.65

02307836 ROOSEVELT RESERVOIR AT OUTFALL NEAR PINELLAS PARK, FL.

LOCATION.--Lat 27° 52'17", long 82° 41'24" (1983 North American datum), in SW$^{1}/_{4}$ sec.15, T.30 S., R.16E., Pinellas County, Hydrologic Unit 03100207, on north shore on the upstream side of the outfall structure, 500 ft south of 110th Avenue, 800 ft east of 43rd Street, and 2.5 mi northeast of Pinellas Park.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--June 2002 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 3.39 ft below National Geodetic Vertical Datum of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 11.47 ft, July. 13, 2005; minimum, 9.78 ft, June 8, 9, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.47 ft, July 13; minimum, 9.86 ft, May 30, 31.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.08	10.01	10.03	10.04	10.02	10.10	10.02	10.21	10.18	10.13	10.04	10.02
2	10.07	10.00	10.03	10.03	10.01	10.07	10.06	10.14	10.18	10.09	10.03	10.01
3	10.06	10.00	10.02	10.03	10.01	10.06	10.05	10.10	10.11	10.07	10.02	10.03
4	10.05	10.00	10.01	10.03	10.01	10.09	10.03	10.08	10.08	10.08	10.00	10.13
5	10.07	9.99	10.00	10.03	10.0	10.07	10.03	10.07	10.14	10.06	9.99	10.08
6	10.11	9.97	10.01	10.03	9.99	10.06	10.02	10.06	10.14	10.04	10.02	10.06
7	10.08	9.97	10.01	10.02	9.99	10.06	10.02	10.05	10.09	10.03	10.08	10.04
8	10.06	9.97	10.01	10.02	10.00	10.04	10.02	10.04	10.07	10.02	10.12	10.02
9	10.05	9.97	10.01	10.02	10.00	10.07	10.01	10.03	10.10	10.13	10.10	10.01
10	10.04	9.97	10.02	10.02	10.00	10.09	10.00	10.02	---	10.25	10.07	9.99
11	10.08	9.96	10.01	10.02	9.99	10.07	10.0	10.01	10.26	10.16	10.06	9.98
12	10.10	9.96	10.0	10.01	9.98	10.06	9.99	10.0	10.20	10.10	10.06	9.97
13	10.09	10.02	9.99	10.01	9.98	10.05	10.04	9.99	10.12	10.50	10.07	9.97
14	10.08	10.05	9.99	10.08	9.98	10.05	10.03	9.97	10.08	10.54	10.05	9.96
15	10.08	10.03	9.97	10.08	9.98	10.05	10.01	10.03	10.06	10.20	10.04	9.95
16	10.08	10.02	9.96	10.06	9.98	10.09	9.99	10.02	10.05	10.14	10.02	9.94
17	10.07	10.01	9.97	10.04	9.98	10.34	9.97	10.01	10.04	10.09	10.17	9.94
18	10.07	10.01	9.97	10.03	9.98	10.19	9.96	10.0	10.03	10.06	10.10	9.93
19	10.06	10.01	9.97	10.02	9.96	10.11	9.96	9.99	10.01	10.07	10.07	9.92
20	10.06	10.00	9.97	10.02	9.96	10.08	9.95	9.97	10.02	10.11	10.05	9.91
21	10.06	10.00	9.97	10.02	9.96	10.07	9.95	9.96	10.05	10.08	10.03	9.91
22	10.04	10.00	9.97	10.02	9.96	10.07	9.94	9.95	10.05	10.06	10.05	9.93
23	10.03	10.00	9.99	10.04	9.97	10.09	9.94	9.94	10.15	10.05	10.12	9.97
24	10.02	10.01	10.00	10.02	9.97	10.09	9.95	9.93	10.22	10.04	10.09	9.97
25	10.02	10.03	10.08	10.02	9.99	10.08	9.94	9.93	10.11	10.04	10.08	9.96
26	10.02	10.01	10.12	10.02	10.02	10.07	9.96	9.91	10.08	10.04	10.05	9.96
27	10.01	10.02	10.08	10.02	10.23	10.06	10.13	9.90	10.07	10.02	10.06	9.95
28	10.01	10.06	10.06	10.02	10.18	10.05	10.09	9.89	10.13	10.02	10.08	10.0
29	10.01	10.04	10.05	10.04	---	10.03	10.07	9.88	10.24	10.04	10.05	10.07
30	10.01	10.04	10.05	10.03	---	10.03	10.06	9.87	10.26	10.06	10.04	10.05
31	10.01	---	10.04	10.02	---	10.02	---	10.07	---	10.06	10.03	---
MEAN	10.05	10.00	10.01	10.03	10.00	10.08	10.01	10.00	---	10.11	10.06	9.99
MAX	10.11	10.06	10.12	10.08	10.23	10.34	10.13	10.21	---	10.54	10.17	10.13
MIN	10.01	9.96	9.96	10.01	9.96	10.02	9.94	9.87	---	10.02	9.99	9.91

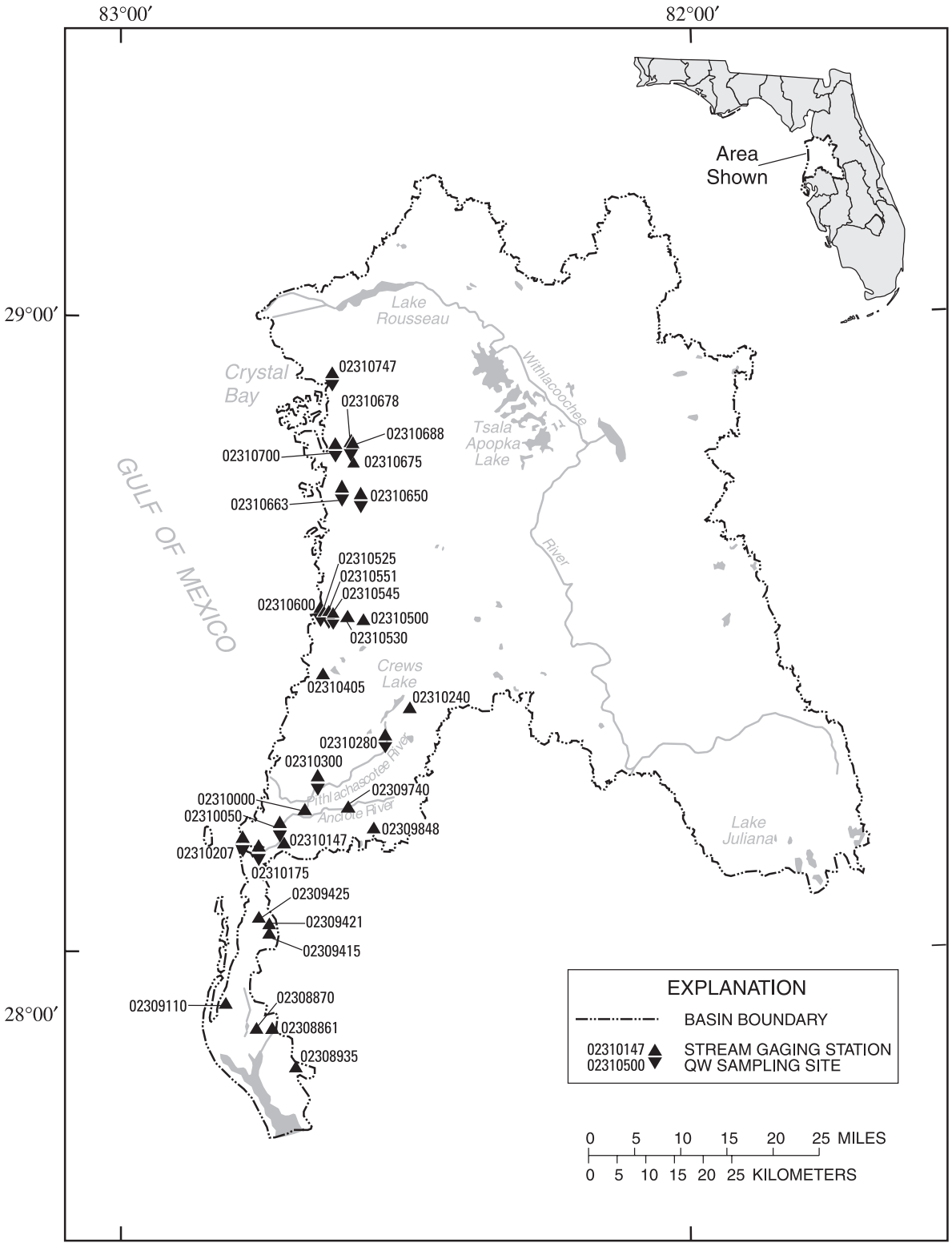

Figure 13.--Location of stream gaging stations in the Coastal area from Tampa Bay to Withlacoochee River.

02308861 CROSS BAYOU CANAL AT CEDAR BROOK DRIVE AT PINELLAS PARK, FL.

LOCATION.--Lat 27° 52'23", long 82° 43'37" (1927 North American datum), in NE 1/4 sec.17, T.30 S., R.16 E., Pinellas County, Hydrologic Unit 03100207, on south bank, 150 ft northeast of intersection Cedar Ridge Court and Cedar Brook Drive, 200 ft south of Bryan Dairy Road, and 0.5 mi southeast of Pinellas park.

DRAINAGE AREA.--0.23 mi^2.

PERIOD OF RECORD.--July 2002 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (from temporary benchmark set by county). Gage heights affected by tide most days.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 6.56 ft, Aug. 2, 2004; minimum, 0.39 ft, Jan. 13, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 4.49 ft, July, 10; minimum, 0.57 ft, Dec. 21. Stage affected by tide on some days.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.56	1.52	1.16	0.78	0.93	1.04	1.27	1.81	1.57	1.56	1.25	1.30
2	1.46	1.58	0.95	0.78	0.99	0.90	1.21	1.20	1.60	1.52	1.23	1.27
3	1.31	1.42	0.86	0.76	1.15	0.91	0.94	0.98	1.45	1.51	1.21	1.22
4	1.36	1.31	0.80	0.75	1.04	1.04	0.85	1.15	1.42	1.47	1.16	1.31
5	1.32	1.28	0.73	0.81	0.84	0.94	0.90	1.21	1.39	1.46	1.15	1.08
6	1.29	0.76	0.75	0.95	1.12	0.91	1.13	1.02	1.30	1.54	1.14	1.02
7	1.10	0.71	0.87	1.01	1.32	1.01	1.41	0.88	1.22	1.63	1.47	1.01
8	1.17	0.86	0.97	1.08	1.49	1.34	1.46	1.08	1.23	1.56	1.48	0.97
9	1.44	0.84	0.92	1.08	1.59	1.08	1.08	1.19	1.37	2.09	1.27	0.93
10	1.59	0.79	1.23	1.01	1.54	1.07	0.99	1.19	1.43	3.52	1.11	1.00
11	1.81	1.20	1.19	1.08	0.82	1.11	1.13	1.06	2.35	2.00	1.05	1.06
12	1.59	1.66	0.83	1.21	0.72	0.94	1.33	1.12	1.73	1.87	1.09	1.13
13	1.54	1.82	1.02	1.33	1.03	0.94	1.49	1.11	1.34	2.14	1.18	1.45
14	1.40	1.36	1.04	1.50	1.29	0.96	1.20	1.16	1.20	1.95	1.26	1.55
15	1.54	0.99	0.73	0.83	1.04	0.94	0.97	1.18	1.10	1.67	1.31	1.49
16	1.28	1.12	0.65	0.73	1.02	1.25	0.78	1.01	1.11	1.63	1.30	1.52
17	1.25	1.23	0.65	0.68	1.06	1.93	0.71	0.90	1.16	1.53	1.91	1.31
18	1.34	1.14	0.67	0.62	0.87	1.27	0.70	0.87	1.27	1.55	1.61	1.36
19	1.47	1.17	0.65	0.62	0.71	1.08	0.75	0.92	1.22	1.67	1.47	1.33
20	1.47	1.24	0.64	0.75	0.79	1.01	0.94	1.04	1.36	1.73	1.44	0.97
21	1.23	1.15	0.64	1.13	0.97	1.03	1.11	1.21	1.46	1.58	1.47	0.98
22	0.99	1.17	0.89	1.25	0.97	1.24	1.09	1.12	1.45	1.49	1.44	2.12
23	1.01	1.35	1.28	1.25	0.90	1.33	1.27	1.11	1.60	1.29	1.53	1.81
24	1.14	1.77	1.01	0.69	1.02	1.19	1.04	1.23	1.52	1.17	1.44	1.53
25	1.28	1.65	1.08	0.82	1.05	1.12	1.01	1.38	1.38	1.09	1.33	1.38
26	1.25	1.03	1.57	1.08	0.90	1.14	1.39	1.29	1.36	1.07	0.89	1.31
27	1.17	1.25	0.88	1.14	1.83	1.28	1.68	1.36	1.86	1.07	1.53	1.29
28	1.21	1.54	0.80	0.96	1.43	1.27	1.10	1.23	1.78	1.03	2.25	1.36
29	1.32	1.02	0.78	0.83	---	0.99	1.28	1.10	1.90	1.11	1.89	1.37
30	1.38	1.07	0.85	1.25	---	1.01	1.50	1.07	2.33	1.11	1.73	1.24
31	1.43	---	0.92	0.98	---	1.17	---	1.48	---	1.19	1.47	---
MEAN	1.35	1.23	0.90	0.96	1.09	1.11	1.12	1.15	1.48	1.57	1.39	1.29
MAX	1.81	1.82	1.57	1.50	1.83	1.93	1.68	1.81	2.35	3.52	2.25	2.12
MIN	0.99	0.71	0.64	0.62	0.71	0.90	0.70	0.87	1.10	1.03	0.89	0.93

275021082450500 CROSS BAYOU RAINFALL AT PARK BOULEVARD NEAR LARGO, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--August 1999 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15-minute interval, mounted on walkway with the top of funnel 5 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.22	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.40	0.11	0.00	0.00
3	0.00	0.00	0.00	0.00	0.01	0.32	0.00	0.00	0.00	0.00	0.00	0.28
4	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.27	0.00	0.39	0.00	0.01
5	0.08	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
7	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.02	0.00	0.22	0.01
8	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.01	0.72	0.29	0.00
9	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.61	0.56	0.00	0.00
10	0.00	0.00	0.02	0.00	0.03	0.00	0.00	0.00	0.28	0.82	0.00	0.00
11	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.10	0.00	0.00
13	0.00	0.51	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.34	0.00	0.00
14	0.00	0.00	0.00	0.54	0.00	0.00	0.00	0.00	0.00	0.01	0.13	0.00
15	0.19	0.00	0.00	0.00	0.00	0.01	0.00	0.05	0.00	0.23	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	1.05	0.00	0.00	0.00	0.04	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.83	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.01	0.00
20	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.83	0.79	0.00
21	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.13	0.00	0.02	0.03
22	0.00	0.00	0.00	0.17	0.00	0.01	0.00	0.00	0.01	0.11	0.23	0.09
23	0.00	0.00	0.10	0.00	0.00	0.26	0.01	0.00	0.57	0.00	0.19	0.03
24	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.20	0.15	0.00
25	0.00	0.04	0.75	0.00	0.23	0.03	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.01	0.00	0.00	0.00	0.90	0.00	0.00	0.08	0.01	0.00
27	0.00	0.35	0.00	0.00	1.47	0.00	0.04	0.00	2.28	0.00	0.12	0.00
28	0.00	0.00	0.00	0.04	0.00	0.01	0.00	0.00	2.54	0.11	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.76	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.12	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	1.06	---	0.00	0.00	---
TOTAL	0.75	1.12	0.88	0.75	1.74	3.17	1.55	2.22	8.84	4.87	2.99	0.50

WTR YR 2005 TOTAL 29.38

02308865 ROOSEVELT CANAL AT STRUCTURE 23-8 NEAR PINELLAS PARK, FL.

LOCATION.--Lat 27° 54'26", long 82° 40'33" (1927 North American datum), in NW$^{1}/_{4}$ sec.2, T.30 S., R.16 E., Pinellas County, Hydrologic Unit 03100206, 0.3 mi from mouth of Old Tampa Bay, 1.5 mi North of intersection of Ulmerton Road (Pinellas County 688) and old Roosevelt Road, and 3.0 mi North of Pinellas Park.

DRAINAGE AREA.--4.6 mi^2.

PERIOD OF RECORD.--October 2004 to September 2005.

GAGE.--Water-stage recorder. Datum of gage has not been determined.

REMARKS.--Records poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e5.0	2.1	0.33	0.45	0.25	3.4	7.9	17	7.5	15	20	4.0
2	e4.0	1.5	0.44	0.51	0.42	1.5	13	7.1	6.5	10	16	4.0
3	e4.0	0.65	0.40	0.47	0.63	1.7	6.5	5.5	2.1	7.4	11	8.5
4	e3.0	0.69	0.32	0.50	0.62	3.3	4.9	5.5	1.2	9.3	9.2	23
5	e8.0	0.25	0.35	0.54	0.51	1.1	4.9	5.8	7.3	8.8	8.2	6.7
6	e12	0.20	0.38	0.43	0.58	0.82	4.4	6.2	4.4	e8.0	23	4.4
7	e8.0	0.22	0.47	0.41	0.87	0.47	3.7	6.9	1.8	4.5	47	3.0
8	6.8	0.22	0.45	0.36	1.2	0.24	2.5	5.9	1.8	3.3	71	3.0
9	6.9	0.23	0.48	0.40	1.2	1.8	2.3	5.3	4.0	14	43	2.4
10	6.8	0.23	0.37	0.52	1.1	2.9	3.8	2.5	10	e88	33	1.9
11	11	0.24	0.27	0.59	0.47	2.1	5.5	1.9	39	15	28	1.9
12	9.6	0.38	0.15	0.53	0.53	1.2	6.5	2.0	28	11	28	2.2
13	8.0	3.7	0.16	0.43	0.67	1.4	9.8	1.7	13	66	28	2.3
14	8.5	0.62	0.08	3.0	0.54	1.3	4.9	1.3	6.4	77	23	2.6
15	11	0.18	0.03	1.0	0.37	1.2	1.8	4.5	5.5	18	19	2.3
16	1.9	0.08	0.03	0.69	0.40	5.2	1.3	2.7	4.8	10	18	2.6
17	1.1	0.05	0.09	0.49	0.62	45	0.88	2.0	e4.7	6.3	48	1.8
18	0.93	0.04	0.16	0.48	0.31	13	0.79	1.8	4.7	4.3	e16	1.9
19	1.7	0.08	0.16	0.66	0.12	7.5	1.0	1.8	4.2	4.1	11	1.9
20	2.0	0.10	0.06	0.84	0.10	5.9	1.2	2.2	5.0	7.9	6.7	1.2
21	2.2	0.13	0.05	0.74	0.09	6.0	1.1	1.3	5.9	6.2	5.1	1.6
22	2.1	0.17	0.09	0.89	0.12	5.9	0.64	0.76	4.9	6.0	5.6	e4.8
23	2.2	0.20	0.29	0.79	0.47	10	0.55	0.25	12	4.6	20	3.7
24	2.5	0.35	0.27	0.27	0.56	9.2	0.40	0.18	18	4.4	21	2.3
25	2.5	1.0	5.1	0.25	1.1	8.0	0.24	0.07	7.8	4.0	21	1.7
26	e2.6	0.24	2.3	0.36	1.1	7.3	4.4	e0.02	6.7	4.3	7.6	1.3
27	e2.4	0.19	0.80	0.44	36	5.6	11	e0.02	7.5	6.3	17	1.3
28	2.4	0.75	0.53	0.43	7.1	6.6	2.5	0.01	18	6.7	e12	3.1
29	2.4	0.28	0.55	0.52	---	6.4	1.9	0.00	29	12	e9.0	4.5
30	2.4	0.28	0.56	0.32	---	7.9	2.0	0.00	e20	17	e4.1	3.0
31	2.5	---	0.47	0.27	---	8.3	---	10	---	16	3.8	---
TOTAL	146.43	15.35	16.19	18.58	58.05	182.23	112.30	102.21	291.7	475.4	633.3	108.9
MEAN	4.72	0.51	0.52	0.60	2.07	5.88	3.74	3.30	9.72	15.3	20.4	3.63
MAX	12	3.7	5.1	3.0	36	45	13	17	39	88	71	23
MIN	0.93	0.04	0.03	0.25	0.09	0.24	0.24	0.00	1.2	3.3	3.8	1.2

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2005 - 2005, BY WATER YEAR (WY)

MEAN	4.72	0.51	0.52	0.60	2.07	5.88	3.74	3.30	9.72	15.3	20.4	3.63
MAX	4.72	0.51	0.52	0.60	2.07	5.88	3.74	3.30	9.72	15.3	20.4	3.63
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)
MIN	4.72	0.51	0.52	0.60	2.07	5.88	3.74	3.30	9.72	15.3	20.4	3.63
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)

02308865 ROOSEVELT CANAL AT STRUCTURE 23-8 NEAR PINELLAS PARK, FL.—Continued

SUMMARY STATISTICS	FOR 2005 WATER YEAR	
ANNUAL TOTAL	2,160.64	
ANNUAL MEAN	5.92	
HIGHEST DAILY MEAN	88	Jul 10
LOWEST DAILY MEAN	0.00	May 29
ANNUAL SEVEN-DAY MINIMUM	0.04	May 24
MAXIMUM PEAK FLOW	349	Jul 10
MAXIMUM PEAK STAGE	5.70	Jul 10
10 PERCENT EXCEEDS	15	
50 PERCENT EXCEEDS	2.3	
90 PERCENT EXCEEDS	0.23	

e Estimated

02308866 ROOSEVELT CANAL BELOW STRUCTURE 23-8 NEAR PINELLAS PARK, FL.

LOCATION.--Lat 27° 54'26", long 82° 40'33" (1927 North American datum), in NE$^{1}/_{4}$ sec.2, T.30 S., R.16 E., Pinellas County, Hydrologic Unit 03100206, 0.3 mi from mouth of Old Tampa Bay, 1.5 mi North of intersection of Ulmerton Road (Pinellas County 688) and old Roosevelt Road, and 3.0 mi North of Pinellas Park.

DRAINAGE AREA.--4.6 mi^2.

PERIOD OF RECORD.--October 2004 to September 2005.

GAGE.--Water-stage recorder. Datum of gage has not been determined.

REMARKS.--Extremes refer to maximum and minimum gage height, not tidal high-high and low-low. Gage hiehgts affected by tide and flow over control upstream.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 5.74 ft, July 10, 2005; minimum gage height, 2.20 ft, May 30, 2005.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 5.74 ft, July 10, 2005; minimum gage height, 2.20 ft, May 30, 2005.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	3.09	2.70	2.45	2.59	2.54	2.81	3.36	3.07	3.12	2.93	2.85
2	---	3.09	2.56	2.48	2.63	2.51	2.43	2.73	3.08	2.99	2.87	2.86
3	---	2.92	2.48	2.42	2.85	2.50	2.37	2.63	2.94	2.92	2.80	2.82
4	---	2.88	2.44	2.43	2.46	2.60	2.35	2.72	2.89	2.90	2.73	2.94
5	---	2.70	2.44	2.52	2.55	2.54	2.47	2.78	3.08	2.89	2.72	2.68
6	---	2.35	2.52	2.54	2.77	2.57	2.66	2.56	2.91	3.01	2.88	2.70
7	---	2.44	2.58	2.54	2.81	2.62	2.93	2.50	2.75	2.85	3.10	2.70
8	2.92	2.55	2.56	2.56	3.04	2.75	2.83	2.70	2.76	2.83	3.17	2.61
9	3.11	2.49	2.67	2.53	3.09	2.56	2.53	2.76	2.84	3.32	2.90	2.59
10	3.21	2.50	2.78	2.56	3.00	2.55	2.49	2.75	2.95	4.73	2.75	2.68
11	3.40	2.86	2.60	2.64	2.38	2.65	2.64	2.61	3.81	3.44	2.69	2.65
12	3.13	3.24	2.41	2.80	2.42	2.48	2.86	2.69	3.53	3.06	2.67	2.75
13	3.16	3.20	2.57	2.97	2.72	2.57	2.79	2.66	3.06	3.70	2.73	3.03
14	3.06	2.78	2.53	2.94	2.80	2.52	2.68	2.72	2.76	4.13	2.80	3.14
15	3.14	2.53	2.21	2.47	2.59	2.50	2.33	2.74	2.63	3.26	2.84	3.05
16	2.78	2.69	2.23	2.45	2.61	2.90	2.28	2.58	2.62	3.05	2.81	3.08
17	2.78	2.76	2.29	2.43	2.61	3.72	2.29	2.49	2.72	2.94	3.43	2.86
18	2.92	2.69	2.35	2.42	2.32	2.83	2.28	2.47	2.83	2.98	3.14	2.91
19	3.02	2.76	2.32	2.48	2.38	2.59	2.39	2.49	2.68	3.04	3.03	2.84
20	2.95	2.79	2.28	2.60	2.41	2.57	2.50	2.61	2.70	3.07	2.98	2.43
21	2.75	2.69	2.37	2.80	2.52	2.60	2.62	2.70	2.82	3.03	2.87	2.84
22	2.55	2.74	2.62	2.80	2.47	2.75	2.60	2.63	2.86	2.97	2.84	3.58
23	2.62	2.90	2.69	2.68	2.50	2.76	2.77	2.64	3.20	2.75	3.12	3.29
24	2.74	3.35	2.47	2.37	2.62	2.65	2.45	2.75	3.11	2.68	2.90	3.03
25	2.82	3.03	2.73	2.48	2.60	2.66	2.54	2.93	2.90	2.61	2.84	2.86
26	2.77	2.55	2.98	2.70	2.53	2.64	3.00	2.78	2.84	2.58	2.47	2.80
27	2.72	2.90	2.44	2.68	3.45	2.80	3.23	2.88	2.67	2.52	3.29	2.82
28	2.78	2.93	2.42	2.56	2.90	2.70	2.64	2.73	2.74	2.48	3.62	2.93
29	2.86	2.57	2.44	2.56	---	2.47	2.91	2.58	3.20	2.66	3.62	2.90
30	2.91	2.66	2.48	2.81	---	2.54	3.06	2.62	3.87	2.77	3.16	2.79
31	2.99	---	2.53	2.56	---	2.69	---	2.99	---	2.81	3.00	---
TOTAL	---	83.63	77.69	80.23	74.62	82.33	78.73	83.78	88.82	94.09	91.70	86.01
MAX	---	3.35	2.98	2.97	3.45	3.72	3.23	3.36	3.87	4.73	3.62	3.58
MIN	---	2.35	2.21	2.37	2.32	2.47	2.28	2.47	2.62	2.48	2.47	2.43

02308870 PINEBROOK CANAL AT BRYAN DAIRY ROAD AT PINELLAS PARK, FL.

LOCATION.--Lat 27° 52'19", long 82° 44'14" (1927 North American datum), in SE$^{1}/_{4}$ sec.18, T.30 S., R.16 E., Pinellas County, Hydrologic Unit 03100207, on right bank, 75 ft above culvert on Bryan Dairy Road, 0.5 mi west of 66th Street North, and 0.6 mi south of Pinellas Park.

DRAINAGE AREA.--2.51 mi^2.

PERIOD OF RECORD.--August 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage has not been determined.

REMARKS.--Records poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.5	1.4	0.61	0.59	0.56	3.5	2.0	17	6.1	6.0	0.80	1.6
2	6.1	1.3	0.53	0.53	0.42	3.0	5.8	5.7	6.0	5.3	0.72	1.7
3	2.8	1.1	0.47	0.49	0.43	3.8	3.2	3.9	2.1	4.0	0.59	2.2
4	2.1	1.1	0.44	0.47	0.47	5.2	2.6	4.9	1.4	6.0	0.53	4.2
5	2.9	1.1	0.50	0.47	0.41	3.4	2.4	4.5	1.3	3.0	0.42	1.8
6	3.1	0.81	0.51	0.42	0.42	3.1	2.2	3.4	1.2	2.0	0.42	1.4
7	1.7	0.84	0.54	0.42	0.64	3.0	2.3	2.8	1.1	19	20	1.3
8	1.4	0.82	0.51	0.42	0.50	3.1	2.4	2.4	1.0	17	20	1.0
9	1.4	0.82	0.58	0.42	0.45	6.1	2.2	2.4	4.8	38	19	0.96
10	1.4	0.89	0.62	0.41	0.61	4.6	2.0	2.4	5.9	55	7.9	0.88
11	7.2	0.80	0.46	0.37	0.42	3.5	2.0	2.2	24	12	4.8	0.77
12	4.2	0.80	0.31	0.42	0.31	3.1	1.9	2.2	9.9	9.9	4.0	0.79
13	1.6	5.2	0.31	0.42	0.32	3.0	14	2.2	4.7	8.2	4.0	0.73
14	1.3	0.67	0.31	4.4	0.34	2.8	4.6	2.2	2.1	4.3	3.7	0.72
15	4.6	0.41	0.30	0.83	0.41	2.8	2.7	3.1	1.4	3.5	3.3	0.72
16	2.0	0.48	0.30	0.49	0.42	9.8	2.1	3.0	1.5	3.8	3.0	0.72
17	1.6	0.61	0.30	0.39	0.42	33	2.0	3.3	1.2	4.1	25	0.74
18	1.4	0.59	0.30	0.38	0.41	8.8	1.9	2.1	0.62	2.4	6.8	0.70
19	1.4	0.76	0.32	0.41	0.55	4.9	1.9	1.6	0.59	34	4.3	0.54
20	1.5	0.64	0.28	0.46	0.76	3.9	1.9	1.1	8.0	15	3.7	0.49
21	1.4	0.59	0.30	0.44	0.58	3.6	2.0	1.0	4.0	3.9	11	3.7
22	1.4	0.71	0.32	0.50	0.49	3.1	1.9	0.93	1.7	4.8	9.1	19
23	1.5	0.67	0.81	1.1	0.37	5.3	2.1	0.95	2.4	3.7	11	6.3
24	1.4	0.69	0.88	0.63	0.40	3.7	2.6	1.00	2.8	2.8	8.9	2.5
25	1.3	1.8	8.3	0.59	2.7	3.0	2.1	0.94	0.90	2.8	9.8	1.4
26	1.4	0.61	2.6	0.59	1.5	2.6	7.8	1.0	0.59	2.2	4.3	0.56
27	1.4	1.1	0.94	0.50	23	2.5	15	0.94	22	2.0	4.6	0.43
28	1.4	1.7	0.83	0.52	6.6	2.4	4.8	0.93	19	2.7	3.6	0.15
29	1.4	0.49	0.80	1.1	---	2.1	3.3	0.88	19	1.4	2.0	0.15
30	1.4	0.48	0.80	0.63	---	2.0	2.7	0.86	26	0.99	1.6	0.18
31	1.4	---	0.64	0.51	---	2.2	---	7.9	---	0.80	1.5	---
TOTAL	69.6	29.98	25.72	20.32	44.91	146.9	106.4	89.73	183.30	280.59	200.38	58.33
MEAN	2.25	1.00	0.83	0.66	1.60	4.74	3.55	2.89	6.11	9.05	6.46	1.94
MAX	7.2	5.2	8.3	4.4	23	33	15	17	26	55	25	19
MIN	1.3	0.41	0.28	0.37	0.31	2.0	1.9	0.86	0.59	0.80	0.42	0.15
MED	1.4	0.80	0.51	0.49	0.44	3.1	2.3	2.2	2.3	4.0	4.0	0.84
AC-FT	138	59	51	40	89	291	211	178	364	557	397	116
CFSM	0.89	0.40	0.33	0.26	0.64	1.89	1.41	1.15	2.43	3.61	2.58	0.77
IN.	1.03	0.44	0.38	0.30	0.67	2.18	1.58	1.33	2.72	4.16	2.97	0.86

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

MEAN	2.50	1.20	4.93	2.53	3.35	4.13	3.93	1.76	10.3	12.7	15.6	12.1
MAX	4.28	2.70	25.0	6.36	6.77	8.16	14.2	6.06	37.3	23.9	56.6	16.9
(WY)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(1999)
MIN	0.47	0.04	0.49	0.66	0.66	0.49	0.33	0.03	1.31	9.05	1.25	1.94
(WY)	(2001)	(2002)	(2002)	(2005)	(2000)	(2000)	(2000)	(2000)	(2000)	(2005)	(2001)	(2005)

02308870 PINEBROOK CANAL AT BRYAN DAIRY ROAD AT PINELLAS PARK, FL.—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	1,801.64		1,256.16			
ANNUAL MEAN	4.92		3.44		6.20	
HIGHEST ANNUAL MEAN					17.2	2003
LOWEST ANNUAL MEAN					3.10	2000
HIGHEST DAILY MEAN	188	Sep 6	55	Jul 10	500	Aug 10, 2003
LOWEST DAILY MEAN	0.02	Jun 3	0.15	Sep 28	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.03	May 30	0.30	Dec 15	0.00	May 29, 2000
MAXIMUM PEAK FLOW			193	Sep 22	904	Sep 7, 1999
MAXIMUM PEAK STAGE			3.35	Sep 22	5.18	Sep 14, 2001
ANNUAL RUNOFF (AC-FT)	3,570		2,490		4,490	
ANNUAL RUNOFF (CFSM)	1.96		1.37		2.47	
ANNUAL RUNOFF (INCHES)	26.70		18.62		33.58	
10 PERCENT EXCEEDS	11		7.8		13	
50 PERCENT EXCEEDS	0.80		1.5		1.1	
90 PERCENT EXCEEDS	0.07		0.42		0.08	

02308870 PINEBROOK CANAL AT BRYAN DAIRY ROAD AT PINELLAS PARK, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--August 1999 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15-minute interval, mounted on walkway with the top of funnel 5 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.18	0.00	0.00	0.00	0.00	0.00	0.00	1.16	0.47	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.00	0.49	0.02	0.00	0.00
3	0.00	0.00	0.00	0.00	0.02	0.41	0.00	0.00	0.00	0.00	0.00	0.61
4	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.25	0.00	0.34	0.00	0.00
5	0.33	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	1.28	1.54	0.01
8	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.53	0.53	0.00
9	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	1.10	1.21	0.04	0.00
10	0.00	0.00	0.09	0.00	0.05	0.01	0.00	0.00	0.54	1.49	0.00	0.00
11	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.40	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.83	0.09	0.00
13	0.00	0.81	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.03	0.00	0.00
14	0.00	0.00	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00
15	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.30	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	1.10	0.00	0.00	0.00	0.08	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	1.35	0.00	0.00	0.00	0.00	0.83	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	1.26	0.03	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.08	0.00	0.56	0.31
22	0.00	0.00	0.00	0.16	0.00	0.01	0.00	0.00	0.01	0.41	0.42	0.17
23	0.00	0.00	0.11	0.01	0.00	0.37	0.15	0.00	0.58	0.00	0.00	0.04
24	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.37	0.00
25	0.00	0.17	1.10	0.00	0.57	0.01	0.00	0.00	0.00	0.00	0.04	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	1.34	0.00	0.00	0.00	0.01	0.00
27	0.00	0.19	0.00	0.00	1.99	0.00	0.08	0.00	2.20	0.00	0.73	0.00
28	0.00	0.18	0.00	0.13	0.00	0.02	0.00	0.00	1.45	0.21	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	1.62	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.24	0.04	0.00	0.00
31	0.00	---	0.00	0.00	---	0.02	---	0.87	---	0.00	0.00	---
TOTAL	1.25	1.53	1.30	0.99	2.63	3.93	2.60	2.62	11.71	7.61	5.16	1.15

WTR YR 2005 TOTAL 42.48

02308935 SAINT JOE CREEK AT PINELLAS PARK, FL.

LOCATION.--Lat 27° 48'50", long 82° 41'45" (1927 North American datum), in NW$^{1}/_{4}$ sec.3, T.31 S., R.16 E., Pinellas County, Hydrologic Unit 03100207, near right bank 30 ft upstream from triple box culvert at intersection 46th Avenue North and 46th Street North, 0.7 mi southwest of community hall, 1.0 mi west of U.S. Highway 19, 1.8 mi south of Pinellas Park, and 3.5 mi above mouth.

DRAINAGE AREA.--2.80 mi^2.

PERIOD OF RECORD.--September 1984 to September 1991; June 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage is 24.70 ft above National Geodetic Vertical Datum of 1929 (Pinellas County bench mark).

REMARKS.--Records fair.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.1	2.1	1.6	0.90	1.1	0.85	0.86	11	9.2	6.1	5.3	2.5
2	5.1	2.2	1.4	0.86	1.2	0.14	4.7	5.6	15	3.3	3.9	2.5
3	4.1	2.5	1.4	0.86	1.4	0.10	3.5	1.8	5.2	2.7	3.6	2.4
4	3.6	2.3	1.4	0.80	1.3	0.86	1.5	1.1	2.0	2.4	3.4	3.6
5	28	2.1	1.4	0.77	1.1	0.47	0.99	1.1	1.6	2.1	3.0	2.9
6	21	2.1	1.4	0.98	1.1	0.29	0.88	0.95	1.9	1.7	3.0	2.3
7	7.9	1.9	1.4	1.2	1.1	0.19	1.1	0.75	1.3	1.4	3.3	2.0
8	5.4	1.7	1.4	1.4	1.1	0.18	1.2	0.66	1.1	2.9	14	1.7
9	3.9	1.7	1.4	1.2	1.1	1.2	1.1	0.66	27	22	11	1.7
10	3.3	1.7	1.4	0.97	1.2	2.8	1.1	0.66	17	17	6.0	1.7
11	6.2	1.7	1.4	1.1	1.2	0.63	0.94	0.55	24	9.5	4.1	1.7
12	8.8	1.7	1.2	1.5	1.2	0.33	0.86	0.14	8.1	4.8	3.3	1.7
13	5.6	2.8	1.1	1.1	1.1	0.24	1.3	0.77	4.0	28	3.0	1.7
14	4.0	3.7	1.2	4.9	1.1	0.16	1.5	0.88	2.2	18	5.6	1.5
15	6.8	2.3	1.2	4.1	1.7	0.22	0.98	0.77	1.7	11	7.3	1.3
16	7.3	2.1	1.3	1.3	1.9	1.0	0.71	0.86	1.5	12	4.5	1.1
17	4.0	2.1	1.4	0.33	1.7	27	0.66	0.90	1.4	7.6	11	1.3
18	2.9	1.9	1.2	0.48	1.6	6.9	0.66	0.74	1.4	4.7	8.7	1.4
19	2.5	1.9	0.99	0.66	1.4	2.0	0.76	0.66	1.2	4.1	5.1	1.3
20	3.3	1.8	1.4	0.73	1.1	1.2	0.86	0.59	1.1	4.6	4.3	1.1
21	3.3	1.9	1.5	0.95	1.1	0.95	1.00	0.58	1.2	3.7	3.2	1.0
22	3.0	1.7	1.6	1.1	1.1	0.86	1.1	0.75	4.3	2.9	3.0	1.3
23	2.5	1.7	1.9	1.3	1.1	1.2	1.1	0.86	2.7	2.5	5.1	2.8
24	2.5	1.8	2.4	1.2	1.1	1.4	1.3	0.76	2.3	5.2	7.8	2.0
25	2.5	3.4	9.1	1.1	1.1	1.1	1.2	0.57	1.5	13	4.6	1.5
26	2.0	2.4	8.8	1.1	1.1	1.1	1.9	0.50	1.4	5.8	3.1	1.4
27	1.7	2.1	2.4	1.1	14	1.1	13	0.42	1.4	4.2	4.8	1.5
28	2.5	5.2	1.3	1.2	7.7	0.86	4.1	0.36	32	3.2	7.9	1.3
29	2.5	2.9	0.96	1.4	---	0.78	1.4	0.36	21	17	4.4	1.1
30	2.4	2.0	0.95	1.4	---	0.66	0.82	0.36	14	12	3.1	0.98
31	2.1	---	1.1	1.2	---	0.78	---	9.4	---	8.0	2.5	---
TOTAL	166.8	67.4	58.60	39.19	54.0	57.55	53.08	46.06	209.7	243.4	162.9	52.28
MEAN	5.38	2.25	1.89	1.26	1.93	1.86	1.77	1.49	6.99	7.85	5.25	1.74
MAX	28	5.2	9.1	4.9	14	27	13	11	32	28	14	3.6
MIN	1.7	1.7	0.95	0.33	1.1	0.10	0.66	0.14	1.1	1.4	2.5	0.98
AC-FT	331	134	116	78	107	114	105	91	416	483	323	104
CFSM	2.11	0.88	0.74	0.50	0.76	0.73	0.69	0.58	2.74	3.08	2.06	0.68
IN.	2.43	0.98	0.85	0.57	0.79	0.84	0.77	0.67	3.06	3.55	2.38	0.76

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2005, BY WATER YEAR (WY)

MEAN	4.61	3.37	3.90	3.07	2.89	4.69	2.67	2.89	5.49	8.18	10.3	12.5
MAX	15.7	9.06	23.0	6.41	5.50	15.7	7.68	6.62	15.4	13.5	26.0	36.6
(WY)	(1987)	(1989)	(2003)	(2003)	(1990)	(1987)	(2003)	(2003)	(2003)	(1985)	(2003)	(1988)
MIN	1.68	1.16	0.82	1.26	1.46	1.53	1.05	0.79	1.74	4.32	4.62	1.74
(WY)	(2001)	(1991)	(1991)	(2005)	(1991)	(2002)	(1989)	(1985)	(1988)	(1986)	(2000)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1984 - 2005	
ANNUAL TOTAL	2,214.22		1,210.96			
ANNUAL MEAN	6.05		3.32		5.64	
HIGHEST ANNUAL MEAN					10.3	2003
LOWEST ANNUAL MEAN					3.32	2005
HIGHEST DAILY MEAN	153	Sep 6	32	Jun 28	276	Sep 8, 1988
LOWEST DAILY MEAN	0.30	Feb 8	0.10	Mar 3	0.07	Mar 22, 1990
ANNUAL SEVEN-DAY MINIMUM	0.86	Apr 4	0.32	Mar 2	0.15	Jun 10, 2001
MAXIMUM PEAK FLOW			157	Jun 28	963	Sep 30, 1987
MAXIMUM PEAK STAGE			2.25	Jun 28	4.95	Sep 30, 1987
ANNUAL RUNOFF (AC-FT)	4,390		2,400		4,080	
ANNUAL RUNOFF (CFSM)	2.37		1.30		2.21	
ANNUAL RUNOFF (INCHES)	32.30		17.67		30.03	
10 PERCENT EXCEEDS	13		7.8		12	
50 PERCENT EXCEEDS	2.5		1.6		2.2	
90 PERCENT EXCEEDS	1.0		0.76		1.0	

02308935 SAINT JOE CREEK AT PINELLAS PARK, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--August 1984 to September 1991; June 2000 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15-minute interval, mounted on antenna mast with the top of funnel 20 ft above the ground.

REMARKS.--Rainfall data for the 2000-2002 water years are in error. Corrected data are available in files of the Geological Survey. Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service. Records of precipitation prior to June 30, 2000 not published but are available in files of the Geological Survey.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.21	0.00	0.00	0.00	0.00	0.00	0.00	1.27	0.45	0.01	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.00	1.05	0.01	0.00	0.03
3	0.00	0.00	0.00	0.00	0.02	0.45	0.00	0.00	0.01	0.00	0.00	0.26
4	0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.14	0.01	0.15	0.00	0.00
5	2.12	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.07	0.00	0.00	0.05
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.10	0.00
8	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.21	0.92	0.77	0.00
9	0.00	0.01	0.00	0.00	0.00	0.56	0.00	0.00	2.05	1.19	0.04	0.00
10	0.00	0.00	0.02	0.00	0.03	0.02	0.00	0.00	0.61	1.14	0.00	0.00
11	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00
13	0.00	0.29	0.00	0.00	0.00	0.00	0.21	0.00	0.00	1.05	0.00	0.00
14	0.00	0.00	0.00	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00
15	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	1.58	0.01	0.00
16	0.00	0.00	0.00	0.00	0.00	1.14	0.00	0.00	0.00	0.07	0.25	0.00
17	0.00	0.00	0.00	0.00	0.00	1.44	0.00	0.00	0.00	0.00	0.02	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.37	0.00
20	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.02
21	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.52	0.00	0.00	0.07
22	0.00	0.00	0.00	0.16	0.00	0.01	0.00	0.00	0.01	0.00	0.35	0.14
23	0.00	0.00	0.26	0.01	0.00	0.28	0.06	0.00	0.33	0.00	0.42	0.03
24	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.01	0.00
25	0.00	0.02	1.24	0.00	0.09	0.12	0.00	0.00	0.01	0.01	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	1.15	0.00	0.00	0.05	0.08	0.07
27	0.00	0.53	0.00	0.00	1.47	0.00	0.12	0.00	0.01	0.00	0.44	0.00
28	0.00	0.01	0.00	0.06	0.00	0.00	0.00	0.00	3.50	0.05	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.72	0.87	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.04	0.18	0.55	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	1.52	---	0.00	0.02	---
TOTAL	3.79	1.14	1.52	1.03	1.61	4.09	2.64	3.02	11.14	8.55	3.33	0.67

CAL YR 2004 TOTAL 58.36
WTR YR 2005 TOTAL 42.53

02309110 MCKAY CREEK NEAR LARGO, FL.

LOCATION.--Lat 27° 54'26", long 82° 49'01" (1927 North American datum), in NE$^{1}/_{4}$ sec.5, T.30 S., R.15 E., Pinellas County, Hydrologic Unit 03100207, on left edge of water on upstream side of culvert on Hickory Drive, two blocks south of 8th Avenue, and 1.8 mi west of Largo.

DRAINAGE AREA.--5.9 mi^2.

PERIOD OF RECORD.--October 2003 to current year (gage-heights only).

GAGE.--Water-stage recorder. Datum of gage has not been determined.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 7.25 ft, Aug. 2, 2004; minimum, 0.86 ft, June 6-8, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 6.38 ft, Aug. 23; minimum, 0.94 ft, Feb. 19, 20.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.51	1.38	1.21	1.11	1.13	1.09	1.28	1.48	1.42	1.65	1.62	1.58
2	1.46	1.35	1.15	1.11	1.11	1.06	1.25	1.25	1.46	1.34	1.57	1.38
3	1.36	1.25	1.13	1.09	1.21	1.10	1.19	1.24	1.51	1.31	1.31	1.36
4	1.49	1.24	1.08	1.09	1.17	1.10	1.19	1.35	1.51	1.31	1.29	1.33
5	1.66	1.24	1.07	1.12	1.22	1.06	1.24	1.39	1.52	1.48	1.30	1.30
6	1.73	1.04	1.10	1.15	1.39	1.13	1.27	1.29	1.41	1.84	1.27	1.55
7	1.48	1.07	1.17	1.19	1.33	1.31	1.32	1.27	1.30	1.61	1.38	1.46
8	1.24	1.08	1.11	1.27	1.49	1.30	1.38	1.36	1.32	1.38	1.55	1.20
9	1.36	1.06	1.21	1.25	1.49	1.30	1.22	1.37	1.35	1.52	1.39	1.16
10	1.42	1.18	1.27	1.27	1.43	1.27	1.22	1.37	1.28	2.61	1.22	1.15
11	1.51	1.40	1.13	1.31	1.13	1.31	1.32	1.29	1.81	1.93	1.21	1.13
12	1.40	1.53	1.09	1.35	1.09	1.22	1.35	1.31	1.57	1.85	1.20	1.17
13	1.43	1.54	1.22	1.41	1.24	1.23	1.43	1.29	1.44	1.66	1.22	1.42
14	1.41	1.24	1.13	1.47	1.26	1.20	1.29	1.27	1.35	1.62	1.24	1.48
15	1.48	1.16	0.99	1.18	1.18	1.16	1.14	1.22	1.30	1.25	1.28	1.45
16	1.31	1.19	0.98	1.18	1.08	1.33	1.09	1.18	1.50	1.38	1.31	1.51
17	1.35	1.22	1.00	1.18	1.09	1.55	1.05	1.43	1.56	1.34	1.46	1.42
18	1.37	1.15	1.02	1.17	0.98	1.42	1.04	1.27	1.29	1.71	1.49	1.44
19	1.42	1.16	1.04	1.10	0.97	1.37	1.10	1.24	1.23	1.83	1.48	1.44
20	1.38	1.19	1.01	1.13	1.03	1.33	1.16	1.28	1.58	1.87	1.46	1.15
21	1.27	1.15	1.02	1.29	1.06	1.33	1.25	1.32	1.48	2.01	1.45	1.49
22	1.21	1.23	1.15	1.26	1.06	1.35	1.30	1.33	1.64	1.75	1.45	---
23	1.24	1.35	1.17	1.17	1.07	1.37	1.37	1.33	1.76	1.38	2.12	---
24	1.31	1.60	1.18	1.07	1.14	1.32	1.25	1.41	1.40	1.41	1.98	1.30
25	1.34	1.40	1.43	1.11	1.30	1.31	1.24	1.42	1.39	1.69	1.86	1.20
26	1.32	1.24	---	1.21	1.23	1.33	1.54	1.39	1.31	1.60	1.47	1.15
27	1.31	1.40	---	1.27	1.84	1.35	1.48	1.38	1.33	1.28	1.67	1.15
28	1.32	1.26	1.12	1.24	1.57	1.34	1.28	1.31	1.41	1.37	1.86	1.22
29	1.37	1.22	1.12	1.19	---	1.23	1.34	1.20	1.71	1.24	1.52	1.24
30	1.38	1.23	1.14	1.30	---	1.24	1.35	1.08	1.80	1.24	1.42	1.26
31	1.41	---	1.16	1.13	---	1.27	---	1.40	---	1.25	1.60	---
MEAN	1.40	1.26	---	1.21	1.22	1.27	1.26	1.31	1.46	1.57	1.47	---
MAX	1.73	1.60	---	1.47	1.84	1.55	1.54	1.48	1.81	2.61	2.12	---
MIN	1.21	1.04	---	1.07	0.97	1.06	1.04	1.08	1.23	1.24	1.20	---

02309110 MCKAY CREEK NEAR LARGO, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--October 2003 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15--minute-interval, mounted on antenna mast with the top of funnel 10 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.27	0.62	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.54	0.04	0.00	0.00
3	0.00	0.00	0.00	0.00	0.07	0.55	0.00	0.00	0.00	0.00	0.00	0.48
4	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.67	0.01	0.18	0.00	0.00
5	1.07	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.14
6	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
7	0.00	0.00	0.00	0.04	0.00	0.00	0.07	0.00	0.00	0.00	1.08	0.00
8	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.21	0.39	0.11	0.00
9	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.91	1.42	0.00	0.00
10	0.00	0.00	0.07	0.00	0.09	0.00	0.00	0.00	0.71	1.86	0.00	0.00
11	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.44	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00
13	0.00	0.81	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.52	0.00	0.02	0.00	0.00	0.00	0.02	0.00	0.00
15	0.17	0.05	0.00	0.00	0.00	0.04	0.00	0.05	0.00	0.01	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	1.10	0.00	0.00	0.00	0.78	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	1.12	0.00	1.33	0.00	0.01	1.39	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.15	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	1.32	0.00	0.00
20	0.01	0.00	0.00	0.00	0.00	0.05	0.00	0.00	2.16	1.18	0.34	0.16
21	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.21	0.00	0.00	0.27
22	0.00	0.00	0.00	0.12	0.00	0.01	0.00	0.00	0.01	0.00	0.33	0.26
23	0.00	0.00	0.03	0.01	0.00	0.40	0.20	0.00	1.22	0.00	2.17	0.02
24	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.21	0.18	0.00
25	0.00	0.64	1.13	0.00	0.87	0.04	0.00	0.00	0.00	0.00	0.25	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	1.69	0.00	0.00	0.02	0.02	0.00
27	0.00	0.33	0.00	0.00	2.31	0.00	0.04	0.00	0.36	0.00	0.48	0.00
28	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	1.77	1.43	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.94	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.15	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	1.96	---	0.00	0.00	---
TOTAL	1.78	1.97	1.23	0.80	3.34	3.99	3.51	4.73	11.92	9.62	6.50	1.35

CAL YR 2004 TOTAL 58.56
WTR YR 2005 TOTAL 50.74

02309415 CURLEW CREEK AT EVANS ROAD NEAR DUNEDIN, FL.

LOCATION.--Lat 28° 01'23", long 82° 44'27" (1927 North American datum), in NW$^{1}/_{4}$ sec.30, T.28 S., R.16 E., Pinellas County, Hydrologic Unit 03100207, on right bank, 20 ft downstream from culvert on Evans Road, 800 ft west of U. S. Highway 19, and 2.8 mi east of Dunedin.

DRAINAGE AREA.--0.57 mi^2.

PERIOD OF RECORD.--August 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is 52.62 ft above North American Datum of 1988. (Prior to June 10, 2004 datum of gage was not determined but was near this datum).

REMARKS.--Records poor. Culverts reconstructed June 9, 2004. Rating presently poor above a gage height of 2.00 ft. Period of record flow could have been exceeded for unrated gage height of 7.39 ft, Oct. 5, 2004.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.93	0.86	0.31	0.34	0.15	0.33	0.25	1.8	2.2	1.2	1.0	0.67
2	0.92	0.87	0.27	0.35	0.15	0.32	e5.0	0.36	1.0	1.5	0.84	0.65
3	0.93	0.87	0.25	0.34	0.16	0.99	0.37	0.37	0.36	1.1	0.72	0.60
4	0.94	0.89	0.25	0.33	0.18	0.47	0.35	2.3	0.36	0.81	0.64	0.57
5	e14	0.93	0.26	0.33	0.17	0.31	0.36	0.69	0.31	0.69	0.61	0.54
6	2.1	0.89	0.27	0.32	0.16	0.28	0.34	0.49	0.28	0.66	0.66	0.54
7	1.2	0.87	0.27	0.32	0.16	0.26	0.42	0.41	0.29	0.84	e10	0.50
8	1.1	0.85	0.26	0.31	0.20	0.29	0.40	0.40	0.30	0.80	2.0	0.46
9	1.0	0.83	0.30	0.31	0.25	1.2	0.41	0.39	1.6	e10	0.96	0.44
10	1.0	0.79	0.40	0.29	0.42	0.29	0.42	0.42	1.5	e20	0.76	0.43
11	3.3	0.77	0.27	0.28	0.29	0.25	0.41	0.45	e17	1.4	0.69	0.36
12	1.1	0.79	0.26	0.27	0.33	0.25	0.41	0.46	e30	e20	0.65	0.37
13	0.98	2.9	0.26	0.28	0.39	0.24	0.48	0.49	1.9	1.4	0.62	0.39
14	0.91	0.74	0.26	1.1	0.39	0.74	0.44	0.51	1.2	0.99	0.59	0.36
15	1.4	0.76	0.22	0.20	0.45	0.63	0.45	0.52	1.0	0.79	0.57	0.35
16	0.96	0.68	0.22	0.19	0.49	2.7	0.46	0.53	0.93	0.67	0.52	0.32
17	0.92	0.68	0.24	0.16	0.49	4.6	0.47	0.57	0.87	e5.0	e8.9	0.32
18	0.90	0.66	0.25	0.16	0.43	0.49	0.50	0.69	0.76	0.67	1.1	0.34
19	0.89	0.65	0.24	0.14	0.43	0.40	0.50	e2.3	0.72	0.82	0.76	0.33
20	0.88	0.65	0.23	0.15	0.45	0.35	0.43	0.81	3.4	0.62	e8.0	0.62
21	0.90	0.66	0.21	0.18	0.45	0.61	0.34	0.41	1.3	0.48	1.1	e8.0
22	0.84	0.65	0.23	0.16	0.46	0.33	0.39	0.42	1.8	0.44	e10	0.85
23	0.85	0.64	0.26	0.16	0.46	1.6	2.0	0.43	e11	0.52	1.3	0.53
24	0.83	0.71	0.26	0.14	0.48	0.31	0.34	0.45	1.6	2.0	e9.0	0.31
25	0.81	e9.1	3.0	0.13	1.2	0.30	0.20	0.47	1.1	0.42	1.9	0.29
26	0.82	0.37	0.39	0.12	0.65	0.32	e7.7	0.44	0.91	0.37	1.9	0.29
27	0.83	0.44	0.34	0.14	e12	0.28	1.3	0.44	1.0	0.30	3.2	0.29
28	0.85	0.41	0.34	0.17	0.40	0.25	0.34	0.45	2.4	e5.0	1.2	0.41
29	0.85	0.36	0.33	0.18	---	0.27	0.30	0.45	2.2	1.1	0.97	0.28
30	0.86	0.37	0.35	0.17	---	0.26	0.32	0.43	e20	2.5	0.79	0.25
31	0.89	---	0.35	0.15	---	0.24	---	e20	---	e10	0.69	---
TOTAL	45.69	31.64	11.35	7.87	22.24	20.16	26.10	39.35	109.29	93.09	72.64	20.66
MEAN	1.47	1.05	0.37	0.25	0.79	0.65	0.87	1.27	3.64	3.00	2.34	0.69
MAX	14	9.1	3.0	1.1	12	4.6	7.7	20	30	20	10	8.0
MIN	0.81	0.36	0.21	0.12	0.15	0.24	0.20	0.36	0.28	0.30	0.52	0.25
MED	0.92	0.75	0.26	0.19	0.41	0.32	0.41	0.45	1.2	0.84	0.96	0.40
AC-FT	91	63	23	16	44	40	52	78	217	185	144	41
CFSM	2.59	1.85	0.64	0.45	1.39	1.14	1.53	2.23	6.39	5.27	4.11	1.21
IN.	2.98	2.06	0.74	0.51	1.45	1.32	1.70	2.57	7.13	6.08	4.74	1.35

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

MEAN	0.82	0.47	0.99	0.57	0.93	0.64	0.63	0.45	2.01	3.19	2.24	1.96
MAX	1.47	1.05	4.24	1.05	2.57	1.03	1.13	1.27	3.64	4.69	4.32	3.68
(WY)	(2005)	(2005)	(2003)	(2002)	(2004)	(2001)	(2003)	(2005)	(2005)	(2000)	(2004)	(2004)
MIN	0.47	0.19	0.25	0.17	0.16	0.14	0.14	0.03	0.75	1.05	0.89	0.69
(WY)	(2001)	(2000)	(2000)	(2001)	(2000)	(2000)	(2000)	(2001)	(2000)	(2001)	(2001)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	686.90		500.08			
ANNUAL MEAN	1.88		1.37		1.25	
HIGHEST ANNUAL MEAN					1.77	2004
LOWEST ANNUAL MEAN					0.76	2001
HIGHEST DAILY MEAN	53	Sep 6	30	Jun 12	63	Jul 15, 2000
LOWEST DAILY MEAN	0.07	Apr 29	0.12	Jan 26	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.08	Apr 24	0.15	Jan 22	0.00	May 30, 2002
MAXIMUM PEAK FLOW					1,050	Jul 15, 2000
MAXIMUM PEAK STAGE			7.39	Oct 5	7.39	Oct 5, 2004
ANNUAL RUNOFF (AC-FT)	1,360		992		906	
ANNUAL RUNOFF (CFSM)	3.29		2.40		2.19	
ANNUAL RUNOFF (INCHES)	44.83		32.64		29.82	
10 PERCENT EXCEEDS	2.9		2.0		2.1	
50 PERCENT EXCEEDS	0.63		0.49		0.37	
90 PERCENT EXCEEDS	0.18		0.25		0.06	

e Estimated

02309415 CURLEW CREEK AT EVANS ROAD NEAR DUNEDIN, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--August 1999 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage 15-minute interval, mounted on antenna mast with the top of funnel 10 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.19	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.00	0.24	0.29	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.04	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.73	0.01	0.00	0.00	0.00
5	2.36	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.01
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.10	1.36	0.01
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.25	0.00
9	0.00	0.00	0.00	0.01	0.00	0.43	0.00	0.00	0.35	1.03	0.00	0.00
10	0.00	0.00	0.04	0.00	0.10	0.00	0.00	0.00	0.27	1.05	0.00	0.00
11	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.00	0.00	0.00
12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.95	1.49	0.00	0.00
13	0.00	0.58	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.54	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.00
15	0.23	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.01	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.77	0.00	0.00	0.07	0.75	1.38	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.01	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.00	0.11	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.15	0.00	0.70	0.09
21	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.18	0.00	0.00	0.75
22	0.00	0.00	0.00	0.03	0.00	0.01	0.00	0.00	0.10	0.00	1.18	0.22
23	0.00	0.00	0.01	0.00	0.00	0.45	0.69	0.00	1.87	0.11	0.00	0.02
24	0.00	0.09	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.58	1.03	0.00
25	0.00	1.32	0.91	0.00	0.39	0.01	0.00	0.00	0.00	0.00	0.23	0.00
26	0.00	0.00	0.00	0.00	0.02	0.04	2.11	0.00	0.00	0.04	0.28	0.00
27	0.00	0.11	0.00	0.00	1.43	0.00	0.01	0.00	0.13	0.00	0.33	0.00
28	0.00	0.01	0.00	0.05	0.00	0.00	0.00	0.00	0.36	0.71	0.00	0.12
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.44	0.25	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	1.02	0.47	0.00	0.01
31	0.00	---	0.00	0.00	---	0.00	---	2.25	---	1.95	0.00	---
TOTAL	3.11	2.11	0.97	0.63	1.94	3.71	3.48	4.66	8.22	9.12	6.89	1.23

CAL YR 2004 TOTAL 63.25
WTR YR 2005 TOTAL 46.07

02309421 CURLEW CREEK AT BELCHER ROAD NEAR OZONA, FL.

LOCATION.--Lat 28° 02'24", long 82° 44'51" (1927 North American datum), in NW$^{1}/_{4}$ sec.19, T.28 S., R.16 E., Pinellas County, Hydrologic Unit 03100207, on left bank, 100 ft upstream from bridge, and 2.0 mi southeast of Ozona.

DRAINAGE AREA.--3.4 mi^2.

PERIOD OF RECORD.--June 2002 to current year.

GAGE.--Water-stage recorder. Datum of gage has not been determined.

REMARKS.--Records fair except those for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	5.0	4.4	4.0	3.4	4.9	4.7	14	24	17	18	e9.4
2	12	4.9	4.3	4.0	3.5	4.2	13	6.7	11	16	13	e7.9
3	10	4.8	5.6	4.0	3.6	6.2	5.8	5.4	7.3	13	10	7.5
4	9.6	4.8	5.6	3.9	3.6	6.2	4.7	16	6.2	11	8.7	6.9
5	51	4.8	4.1	3.9	3.5	4.3	4.5	9.0	5.7	9.6	7.9	6.8
6	23	4.6	3.8	3.9	3.5	3.9	4.3	7.1	5.2	8.8	8.0	6.4
7	14	4.6	4.0	3.9	3.5	3.7	4.9	5.7	4.9	9.1	33	6.2
8	12	4.5	4.0	4.0	3.4	3.6	4.3	5.1	4.6	8.8	24	5.9
9	10	4.4	3.8	4.0	3.4	7.2	4.2	4.8	9.7	33	16	5.7
10	9.4	4.3	4.4	3.9	4.0	5.3	4.0	4.5	9.9	53	11	5.5
11	16	4.3	4.9	3.9	3.6	4.1	3.9	4.3	35	23	9.1	5.3
12	11	4.3	4.0	3.9	3.5	3.8	3.9	4.1	60	52	8.2	5.2
13	9.5	15	3.8	3.8	3.4	3.7	4.3	4.0	22	26	7.7	5.1
14	8.3	6.7	3.7	11	3.4	8.6	3.6	3.8	13	18	7.2	5.0
15	11	6.2	3.6	5.3	3.4	6.4	3.4	3.8	9.8	14	6.7	4.9
16	8.6	5.1	3.6	4.3	3.4	10	3.4	3.7	8.4	12	6.3	4.8
17	7.5	4.7	3.7	3.9	3.7	29	3.3	3.6	9.2	21	e48	4.8
18	7.2	4.6	3.7	3.7	3.4	9.8	3.2	3.6	7.3	17	e13	4.7
19	6.9	4.4	3.6	3.6	3.4	7.0	3.2	16	6.7	15	8.7	4.7
20	6.7	4.6	3.5	3.6	3.4	6.2	3.2	11	8.6	12	24	5.4
21	6.2	4.6	3.5	3.7	3.4	7.5	3.2	5.1	7.7	9.7	14	18
22	5.9	4.5	3.6	3.9	3.4	6.4	3.2	4.5	12	8.4	38	11
23	5.7	4.4	3.7	4.0	3.4	12	11	3.9	59	8.3	18	8.6
24	5.4	4.9	3.7	3.5	3.4	7.3	6.2	3.7	24	17	31	6.4
25	5.5	29	14	3.5	7.9	6.2	4.1	3.6	14	10	23	5.7
26	5.6	6.4	7.1	3.5	5.5	6.2	39	3.3	11	8.3	18	5.4
27	5.3	5.7	5.1	3.6	33	5.6	22	3.2	11	7.4	22	5.2
28	5.3	5.6	4.4	3.7	7.6	5.3	7.3	3.3	13	16	16	5.7
29	5.3	4.9	4.2	3.9	---	4.9	5.9	3.2	24	15	12	5.5
30	5.2	4.6	4.1	3.6	---	4.9	5.4	3.2	49	16	10	4.9
31	5.1	---	4.1	3.5	---	4.9	---	40	---	45	9.9	---
TOTAL	317.2	181.2	139.6	126.9	137.6	209.3	197.1	213.2	493.2	550.4	500.4	194.5
MEAN	10.2	6.04	4.50	4.09	4.91	6.75	6.57	6.88	16.4	17.8	16.1	6.48
MAX	51	29	14	11	33	29	39	40	60	53	48	18
MIN	5.1	4.3	3.5	3.5	3.4	3.6	3.2	3.2	4.6	7.4	6.3	4.7
MED	8.3	4.7	4.0	3.9	3.4	6.2	4.3	4.3	10	15	13	5.6
AC-FT	629	359	277	252	273	415	391	423	978	1,090	993	386

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

MEAN	9.26	5.62	11.6	8.39	9.31	7.12	8.14	6.23	14.8	20.6	19.2	15.1
MAX	10.2	6.10	26.6	11.8	11.6	8.63	9.25	6.88	20.3	26.7	21.9	25.5
(WY)	(2005)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2005)	(2003)	(2003)	(2004)	(2004)
MIN	8.45	4.71	3.76	4.09	4.91	5.97	6.57	5.31	7.65	17.4	16.1	6.48
(WY)	(2004)	(2004)	(2004)	(2005)	(2005)	(2004)	(2005)	(2003)	(2004)	(2004)	(2005)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2002 - 2005	
ANNUAL TOTAL	4,114.1		3,260.6			
ANNUAL MEAN	11.2		8.93		11.4	
HIGHEST ANNUAL MEAN					14.2	2003
LOWEST ANNUAL MEAN					8.93	2005
HIGHEST DAILY MEAN	202	Sep 6	60	Jun 12	202	Sep 6, 2004
LOWEST DAILY MEAN	3.1	Jan 8	3.2	Apr 18	2.4	Jun 13, 2002
ANNUAL SEVEN-DAY MINIMUM	3.3	Jan 2	3.2	Apr 16	3.2	Dec 3, 2003
MAXIMUM PEAK FLOW			492	Jun 23	812	Jul 1, 2002
MAXIMUM PEAK STAGE			7.40	Jun 23	9.97	Jul 1, 2002
ANNUAL RUNOFF (AC-FT)	8,160		6,470		8,230	
10 PERCENT EXCEEDS	23		17		23	
50 PERCENT EXCEEDS	5.9		5.4		6.3	
90 PERCENT EXCEEDS	3.9		3.5		3.7	

e Estimated

02309425 CURLEW CREEK AT COUNTY ROAD 1 NEAR OZONA, FL.

LOCATION.--Lat 28° 02'48", long 82° 45'32" (1927 North American datum), in SW$^{1}/_{4}$ sec.13, T.28 S., R.15 E., Pinellas County, Hydrologic Unit 03100207, on right bank, 200 ft upstream from bridge on County Road 1, and 1.9 mi southeast of Ozona.

DRAINAGE AREA.--4.09 mi^2.

PERIOD OF RECORD.--August 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage has not been determined.

REMARKS.--Records good.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	7.5	8.7	5.8	4.5	12	7.4	21	40	36	37	14
2	22	7.2	7.5	5.6	4.5	8.8	19	11	22	30	27	13
3	19	7.1	8.6	5.4	4.7	11	10	8.6	14	25	23	12
4	17	6.9	9.1	5.3	4.7	13	8.1	23	11	20	18	10
5	90	6.7	6.5	5.2	4.5	8.8	7.4	16	8.9	17	16	9.7
6	62	6.4	6.1	5.1	4.4	7.7	6.9	13	7.4	14	15	8.9
7	37	6.3	6.3	5.0	4.3	7.0	7.4	10	6.5	14	47	8.3
8	29	6.1	6.2	5.1	4.0	6.4	6.5	8.3	6.0	13	38	7.9
9	25	6.0	6.0	4.9	4.1	12	6.1	7.3	12	41	34	7.4
10	21	5.7	6.5	4.8	4.9	10	5.7	6.7	13	84	26	7.0
11	29	5.5	7.5	4.8	4.3	7.7	5.2	6.2	48	43	21	6.6
12	27	5.5	5.7	4.8	4.0	6.9	5.1	5.9	127	82	18	6.6
13	22	21	5.2	5.0	3.9	6.4	5.9	5.5	60	42	15	6.8
14	19	10	5.0	18	3.8	14	4.8	5.4	31	33	14	6.6
15	21	9.0	4.6	8.7	3.9	11	4.5	6.3	22	27	12	6.2
16	17	7.3	4.7	6.7	3.9	15	4.3	6.1	17	23	11	6.0
17	15	6.7	4.7	5.9	4.5	45	4.0	5.0	17	31	77	6.0
18	14	6.3	4.8	5.5	4.2	24	3.8	4.2	13	30	27	5.8
19	13	5.9	4.7	5.2	4.0	16	3.8	18	11	26	23	5.6
20	13	6.0	4.4	5.1	4.0	13	3.6	19	12	25	36	6.3
21	12	5.8	4.4	5.1	4.0	15	3.6	7.9	12	20	28	20
22	11	5.7	4.6	5.2	4.0	13	3.5	6.0	17	16	56	16
23	10	5.6	4.7	5.7	4.1	21	12	5.0	105	15	38	12
24	9.7	6.1	4.7	4.6	4.2	14	9.9	4.4	45	33	49	8.5
25	9.4	42	19	4.6	10	12	5.2	4.1	29	19	41	7.3
26	9.3	16	13	4.6	7.6	12	49	3.6	21	14	33	6.6
27	8.8	12	8.6	4.7	41	11	41	3.3	21	13	35	6.3
28	8.6	12	7.3	4.7	18	9.7	15	3.2	21	21	28	6.5
29	8.5	9.8	6.7	5.2	---	8.7	11	3.2	36	22	22	6.4
30	8.2	9.2	6.2	4.8	---	8.2	9.3	3.1	100	22	17	5.6
31	8.0	---	6.0	4.5	---	7.9	---	56	---	78	15	---
TOTAL	640.5	273.3	208.0	175.6	178.0	388.2	289.0	306.3	905.8	929	897	255.9
MEAN	20.7	9.11	6.71	5.66	6.36	12.5	9.63	9.88	30.2	30.0	28.9	8.53
MAX	90	42	19	18	41	45	49	56	127	84	77	20
MIN	8.0	5.5	4.4	4.5	3.8	6.4	3.5	3.1	6.0	13	11	5.6
MED	17	6.7	6.1	5.1	4.3	11	6.3	6.2	19	25	27	6.9
AC-FT	1,270	542	413	348	353	770	573	608	1,800	1,840	1,780	508
CFSM	5.05	2.23	1.64	1.38	1.55	3.06	2.36	2.42	7.38	7.33	7.07	2.09
IN.	5.83	2.49	1.89	1.60	1.62	3.53	2.63	2.79	8.24	8.45	8.16	2.33

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

MEAN	12.5	7.03	15.0	10.7	11.6	10.3	10.3	5.44	20.0	35.0	29.5	26.9
MAX	20.7	9.53	64.5	26.6	22.5	17.8	24.1	9.88	44.3	50.3	43.6	47.4
(WY)	(2005)	(2003)	(2003)	(2003)	(2004)	(2003)	(2003)	(2005)	(2003)	(2003)	(2003)	(2004)
MIN	5.79	4.72	4.18	4.75	5.82	3.72	2.72	1.96	7.57	22.3	12.3	8.53
(WY)	(2001)	(2001)	(2001)	(2000)	(2000)	(2000)	(2000)	(2000)	(2000)	(2001)	(2001)	(2005)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	7,004.5		5,446.6			
ANNUAL MEAN	19.1		14.9		16.3	
HIGHEST ANNUAL MEAN					29.4	2003
LOWEST ANNUAL MEAN					10.4	2001
HIGHEST DAILY MEAN	406	Sep 6	127	Jun 12	406	Sep 6, 2004
LOWEST DAILY MEAN	2.7	Jun 7	3.1	May 30	1.5	Jun 2, 2000
ANNUAL SEVEN-DAY MINIMUM	2.9	Jun 2	3.6	May 24	1.7	May 25, 2001
MAXIMUM PEAK FLOW			673	Jun 23	1,100	Jul 15, 2000
MAXIMUM PEAK STAGE			7.65	Jun 23	10.16	Jul 15, 2000
ANNUAL RUNOFF (AC-FT)	13,890		10,800		11,820	
ANNUAL RUNOFF (CFSM)	4.68		3.65		3.99	
ANNUAL RUNOFF (INCHES)	63.71		49.54		54.21	
10 PERCENT EXCEEDS	41		33		35	
50 PERCENT EXCEEDS	9.9		8.7		7.6	
90 PERCENT EXCEEDS	4.7		4.5		3.6	

02309425 CURLEW CREEK AT COUNTY ROAD 1 NEAR OZONA, FL.

PRECIPITATION RECORDS

PERIOD OF RECORD.--August 1999 to current year.

GAGE.--A 6-inch diameter, tipping bucket precipitation gage, 15-minute interval mounted on antenna mast with the top of funnel 10 ft above the ground.

REMARKS.--Collection, computation and publication of precipitation data do not necessarily conform to standards used by the National Weather Service.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.13	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.30	0.12	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.12	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.63	0.02	0.00	0.00	0.00
5	1.36	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.58	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.97	0.00
9	0.00	0.00	0.00	0.00	0.00	0.42	0.00	0.00	0.44	1.04	0.00	0.00
10	0.00	0.00	0.03	0.00	0.05	0.00	0.00	0.00	0.29	1.61	0.00	0.00
11	0.43	0.00	0.05	0.01	0.00	0.00	0.00	0.00	1.14	0.00	0.01	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.31	0.15	0.00	0.00
13	0.00	0.37	0.00	0.00	0.00	0.00	0.18	0.00	0.01	0.00	0.00	0.00
14	0.00	0.00	0.00	1.06	0.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00
15	0.27	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.01	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.72	0.00	0.00	0.37	1.11	1.09	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.37	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.24	0.00	0.49	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.01	0.02	0.00	0.19	0.15
21	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.20	0.01	0.00	0.66
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.44	0.13
23	0.00	0.00	0.00	0.00	0.00	0.39	0.88	0.00	1.79	0.18	0.00	0.04
24	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	1.07	0.39	0.00
25	0.00	0.94	0.72	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.05	0.00
26	0.00	0.00	0.00	0.00	0.01	0.07	1.84	0.00	0.00	0.00	0.08	0.00
27	0.00	0.14	0.00	0.00	1.36	0.00	0.02	0.00	0.29	0.00	0.38	0.00
28	0.00	0.01	0.00	0.04	0.00	0.05	0.00	0.00	0.24	0.03	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	2.19	0.02	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.02	0.00	0.71	0.29	0.09	0.00
31	0.00	---	0.00	0.00	---	0.00	---	2.89	---	1.87	0.00	---
TOTAL	2.06	1.51	0.81	1.11	2.03	3.33	3.29	5.52	11.60	8.66	4.41	0.98

CAL YR 2004 TOTAL 47.37
WTR YR 2005 TOTAL 45.31

02309740 ANCLOTE RIVER NEAR ODESSA, FL.

LOCATION.--Lat 28° 13'39", long 82° 35'54" (1927 North American datum), in NW $^{1}/_{4}$ sec.15, T.26 S., R.17 E., Pasco County, Hydrologic Unit 03100207, 0.9 mi upstream from South Branch of Anclote River, on dirt road 2.4 mi north of Odessa, and 24.8 mi upstream from mouth.

DRAINAGE AREA.--34 mi^2.

PERIOD OF RECORD.--June 2004 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is North American Vertical Datum of 1988.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 38.31 ft, Sept. 7, 2004; minimum, 33.04 ft, June 13, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 36.55 ft, Oct. 1; minimum, 33.15 ft, May 30,31.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	34.95	35.76	35.41
2	---	---	---	---	---	---	---	---	---	34.91	35.78	35.28
3	---	---	---	---	---	---	---	---	---	34.63	35.74	35.18
4	---	---	---	---	---	---	---	---	---	34.52	35.94	35.08
5	---	---	---	---	---	---	---	---	---	34.50	36.11	35.23
6	---	---	---	---	---	---	---	---	---	34.54	35.93	37.36
7	---	---	---	---	---	---	---	---	---	34.53	36.41	38.19
8	---	---	---	---	---	---	---	---	---	34.48	37.78	37.69
9	---	---	---	---	---	---	---	---	---	34.41	37.37	37.23
10	---	---	---	---	---	---	---	---	---	34.30	36.82	36.98
11	---	---	---	---	---	---	---	---	33.07	34.18	36.40	36.75
12	---	---	---	---	---	---	---	---	33.06	34.08	36.13	36.55
13	---	---	---	---	---	---	---	---	33.07	34.02	35.98	36.38
14	---	---	---	---	---	---	---	---	33.24	33.98	36.29	36.26
15	---	---	---	---	---	---	---	---	33.53	33.99	37.41	36.13
16	---	---	---	---	---	---	---	---	33.75	33.95	36.95	36.01
17	---	---	---	---	---	---	---	---	33.67	33.98	36.50	35.90
18	---	---	---	---	---	---	---	---	33.63	34.57	36.17	35.78
19	---	---	---	---	---	---	---	---	33.60	36.04	35.89	35.67
20	---	---	---	---	---	---	---	---	33.62	36.78	35.66	35.56
21	---	---	---	---	---	---	---	---	33.60	36.70	35.53	35.62
22	---	---	---	---	---	---	---	---	33.57	36.40	35.45	35.70
23	---	---	---	---	---	---	---	---	33.54	36.05	35.44	35.62
24	---	---	---	---	---	---	---	---	33.51	35.74	35.43	35.53
25	---	---	---	---	---	---	---	---	33.47	35.72	35.45	35.44
26	---	---	---	---	---	---	---	---	33.44	35.68	36.02	35.76
27	---	---	---	---	---	---	---	---	33.41	35.75	36.19	37.26
28	---	---	---	---	---	---	---	---	33.44	35.81	36.12	37.32
29	---	---	---	---	---	---	---	---	33.69	35.95	35.90	36.97
30	---	---	---	---	---	---	---	---	33.82	36.07	35.70	36.67
31	---	---	---	---	---	---	---	---	---	35.92	35.57	---
MEAN	---	---	---	---	---	---	---	---	---	35.07	36.12	36.22
MAX	---	---	---	---	---	---	---	---	---	36.78	37.78	38.19
MIN	---	---	---	---	---	---	---	---	---	33.95	35.43	35.08

02309740 ANCLOTE RIVER NEAR ODESSA, FL.---Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36.43	34.56	34.56	34.21	34.18	34.66	34.61	34.19	33.73	35.07	34.37	34.79
2	36.31	34.52	34.54	34.19	34.16	34.58	34.62	34.19	34.07	35.07	34.34	34.87
3	36.24	34.47	34.50	34.17	34.14	34.52	34.62	34.15	34.33	35.26	34.28	34.82
4	36.13	34.43	34.47	34.15	34.12	34.52	34.58	34.23	34.24	35.06	34.21	34.92
5	36.03	34.40	34.44	34.14	34.10	34.51	34.51	34.43	34.19	34.83	34.15	34.95
6	35.92	34.37	34.40	34.12	34.08	34.47	34.46	34.56	34.45	34.67	34.24	34.85
7	35.80	34.35	34.38	34.10	34.06	34.43	34.40	34.55	34.61	34.54	34.72	34.75
8	35.69	34.31	34.36	34.09	34.03	34.40	34.38	34.47	34.47	34.45	34.89	34.67
9	35.60	34.29	34.34	34.08	34.02	34.40	34.34	34.37	34.39	34.54	35.26	34.60
10	35.52	34.27	34.33	34.07	34.00	---	34.30	34.27	34.35	34.94	35.05	34.53
11	35.47	34.27	34.33	34.06	33.98	34.48	34.25	34.16	34.42	35.46	34.84	34.45
12	35.45	34.27	34.32	34.04	33.94	34.45	34.18	34.06	34.66	36.15	34.78	34.38
13	35.42	34.26	34.28	34.01	33.90	34.39	34.15	33.93	35.33	35.58	34.75	34.33
14	35.37	34.26	34.24	34.61	33.87	34.39	34.13	33.78	35.27	35.39	35.13	34.27
15	35.31	34.27	34.20	34.82	33.85	34.51	34.06	33.65	35.03	35.24	35.43	34.22
16	35.27	34.26	34.17	34.70	33.85	34.59	33.97	33.58	34.83	35.11	35.09	34.18
17	35.22	34.23	34.15	34.59	33.84	34.76	33.85	33.55	34.67	35.08	34.91	34.14
18	35.16	34.20	34.14	34.53	33.83	34.96	33.74	33.53	34.54	34.99	34.85	34.10
19	35.10	34.18	34.14	34.50	33.79	34.93	33.64	33.50	34.42	34.86	34.89	34.05
20	35.06	34.17	34.12	34.48	33.76	34.82	33.58	33.46	34.30	34.77	34.80	33.99
21	35.04	34.17	34.08	34.46	33.72	34.76	33.54	33.44	34.20	34.73	34.69	33.95
22	35.00	34.17	34.07	34.45	33.68	34.74	33.51	33.42	34.17	34.66	34.65	33.99
23	34.96	34.17	34.06	34.44	33.66	34.75	33.49	33.39	34.34	34.60	34.63	34.06
24	34.91	34.16	34.08	34.40	33.65	34.79	33.50	33.37	34.59	34.60	34.59	34.04
25	34.87	34.49	34.18	34.36	33.80	34.78	33.48	33.36	34.45	34.68	34.54	33.96
26	34.82	34.62	34.31	34.32	34.18	34.78	33.55	33.32	34.31	34.60	34.52	33.86
27	34.77	34.58	34.37	34.29	34.41	34.79	34.19	33.29	34.22	34.54	34.65	33.76
28	34.73	34.59	34.33	34.27	34.69	34.78	34.38	33.26	34.27	34.50	34.83	33.92
29	34.69	34.63	34.29	34.25	---	34.75	34.31	33.22	34.45	34.44	34.80	34.38
30	34.65	34.61	34.26	34.24	---	34.71	34.21	33.17	34.97	34.39	34.70	34.32
31	34.61	---	34.23	34.21	---	34.65	---	33.44	---	34.37	34.70	---
MEAN	35.34	34.35	34.28	34.30	33.97	---	34.08	33.78	34.48	34.88	34.72	34.34
MAX	36.43	34.63	34.56	34.82	34.69	---	34.62	34.56	35.33	36.15	35.43	34.95
MIN	34.61	34.16	34.06	34.01	33.65	---	33.48	33.17	33.73	34.37	34.15	33.76

02309848 SOUTH BRANCH ANCLOTE RIVER NEAR ODESSA, FL.

LOCATION.--Lat 28° 11'08", long 82° 33'13" (1927 North American datum), in SE$^{1}/_{4}$ sec.36, T.26 S., R.17 E., Pasco County, Hydrologic Unit 03100207, near left bank, 10 ft upstream from dual highway culvert on State Highway 54, 2.5 mi east of Odessa, 3.0 mi upstream from unnamed tributary, and 5.2 mi upstream from mouth.

DRAINAGE AREA.--17.1 mi^2.

PERIOD OF RECORD.--February 1970 to current year.

GAGE.--Water-stage recorder. Datum of gage is 46.22 ft above National Geodetic Vertical Datum of 1929. Prior to Mar. 17, 1971, at site 30 ft upstream at same datum; Mar. 17, 1971 to July 29, 2003, at site 100 ft downstream at same datum.

REMARKS.--Records fair. Maximum gage height 5.16 ft Oct. 1, stage falling, peak occurred Sept. 27, 2004; maximum peak gage height 4.90 ft, June 12.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	0.45	1.1	1.2	0.47	1.4	0.24	0.14	6.6	12	5.0	1.7
2	20	0.43	0.98	1.1	0.43	0.82	0.25	0.11	5.2	14	4.2	8.0
3	14	0.40	0.86	1.1	0.42	0.59	0.17	0.10	3.5	16	3.6	7.4
4	11	0.36	0.77	1.1	0.36	0.55	0.12	5.2	2.9	14	3.1	4.5
5	10	0.34	0.73	1.1	0.31	0.45	0.08	5.3	2.7	11	2.7	2.8
6	8.4	0.32	0.69	1.2	0.30	0.38	0.05	2.4	2.4	8.4	3.2	2.0
7	6.6	0.32	0.66	1.2	0.28	0.32	0.04	1.6	2.6	7.0	7.4	1.5
8	5.7	0.31	0.61	1.2	0.25	0.26	0.02	1.6	2.7	6.1	9.4	1.2
9	4.9	0.29	0.58	1.2	0.23	0.27	0.01	1.3	2.8	7.5	11	0.91
10	3.0	0.26	0.69	1.1	0.19	0.32	0.01	1.0	3.0	11	11	0.73
11	2.2	0.23	0.75	1.1	0.16	0.27	0.00	0.80	4.7	13	9.8	0.57
12	2.2	0.21	0.70	1.2	0.15	0.24	0.00	0.65	18	17	8.0	0.46
13	2.7	0.21	0.66	1.2	0.14	0.21	0.00	0.51	29	15	6.6	0.37
14	2.8	0.18	0.95	1.8	0.12	0.25	0.00	0.40	11	14	5.8	0.28
15	2.7	0.17	0.76	2.1	0.11	0.30	0.00	0.32	7.4	15	5.2	0.21
16	2.4	0.19	0.52	2.0	0.09	0.32	0.00	0.26	4.5	15	4.3	0.17
17	1.8	0.20	0.53	1.8	0.08	1.4	0.00	0.20	3.1	14	3.7	0.14
18	1.4	0.22	0.58	1.6	0.07	1.7	0.00	0.16	2.4	12	3.0	0.11
19	1.1	0.24	0.57	1.4	0.06	1.3	0.00	0.10	1.9	10	2.9	0.07
20	1.1	0.25	0.54	1.4	0.05	0.98	0.00	0.06	1.6	9.1	2.6	0.05
21	1.2	0.26	0.52	1.3	0.05	0.99	0.00	0.03	1.5	8.1	2.0	0.05
22	1.1	0.26	0.54	1.2	0.05	1.8	0.00	0.01	1.8	8.1	1.5	0.07
23	0.96	0.28	0.57	1.2	0.05	1.7	0.00	0.00	2.4	7.9	1.3	0.10
24	0.85	0.29	0.57	1.1	0.05	1.5	0.00	0.00	3.0	7.7	1.00	0.10
25	0.81	1.6	0.99	0.97	0.10	1.3	0.00	0.00	3.2	9.6	0.76	0.11
26	0.78	1.6	2.0	0.89	0.14	1.3	0.35	0.00	3.2	8.7	0.71	0.09
27	0.69	1.5	1.8	0.80	1.4	1.1	1.8	0.00	3.1	7.4	1.3	0.08
28	0.62	1.8	1.5	0.68	2.3	0.87	0.79	0.00	3.6	6.4	2.1	0.25
29	0.58	1.6	1.3	0.64	---	0.62	0.25	0.00	7.2	5.7	1.8	0.33
30	0.56	1.4	1.2	0.58	---	0.45	0.10	0.00	12	5.0	1.1	0.18
31	0.49	---	1.2	0.53	---	0.34	---	1.5	---	4.5	0.90	---
TOTAL	133.64	16.17	26.42	36.99	8.41	24.30	4.28	23.75	159.0	320.2	126.97	34.53
MEAN	4.31	0.54	0.85	1.19	0.30	0.78	0.14	0.77	5.30	10.3	4.10	1.15
MAX	21	1.8	2.0	2.1	2.3	1.8	1.8	5.3	29	17	11	8.0
MIN	0.49	0.17	0.52	0.53	0.05	0.21	0.00	0.00	1.5	4.5	0.71	0.05

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 2005, BY WATER YEAR (WY)

MEAN	2.61	1.21	3.57	2.13	3.04	3.12	1.37	0.77	2.64	3.88	8.46	15.1
MAX	11.5	28.1	68.7	30.9	47.2	30.4	18.1	16.2	34.8	21.5	42.7	79.8
(WY)	(1980)	(1998)	(2003)	(1998)	(1998)	(1998)	(1987)	(1979)	(2003)	(2003)	(2003)	(1998)
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(WY)	(1971)	(1971)	(1971)	(1971)	(1976)	(1976)	(1971)	(1971)	(1971)	(1972)	(1972)	(1972)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1971 - 2005	
ANNUAL TOTAL	3,764.31		914.66			
ANNUAL MEAN	10.3		2.51		3.98	
HIGHEST ANNUAL MEAN					23.8	1998
LOWEST ANNUAL MEAN					0.59	1992
HIGHEST DAILY MEAN	348	Sep 9	29	Jun 13	353	Dec 13, 2002
LOWEST DAILY MEAN	0.00	Many days	0.00	Many days	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.00	May 10	0.00	Apr 11	0.00	Oct 1, 1970
MAXIMUM PEAK FLOW			53	Jun 12	455	Dec 13, 2002
MAXIMUM PEAK STAGE			4.90	Jun 12	7.00	Sep 9, 2004
10 PERCENT EXCEEDS	21		8.0		8.3	
50 PERCENT EXCEEDS	1.1		0.96		0.05	
90 PERCENT EXCEEDS	0.02		0.05		0.00	

02310000 ANCLOTE RIVER NEAR ELFERS, FL.

LOCATION.--Lat 28° 12'50", long 82° 39'57" (1927 North American datum), in NE$^{1}/_{4}$ sec.23, T.26 S., R.16 E., Pasco County, Hydrologic Unit 03100207, on left bank, 500 ft upstream from bridge on State Highway 54, 3.5 mi east of Elfers, and 16 mi upstream from mouth.

DRAINAGE AREA.--72.5 mi^2.

PERIOD OF RECORD.--May 1946 to current year.

REVISED RECORDS.--WSP 1434: Drainage area. WSP 1905: 1950-65 (P).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to June 19, 2002, at site 140 ft downstream at same datum.

REMARKS.--Records good.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known, 27.7 ft, Aug. 8 or 9, 1945, from information by local residents and floodmarks; discharge, 5,000 ft^3/s, from rating curve extended above 3,700 ft^3/s. Maximum gage height and discharge, Oct. 1, 2004 was on a falling stage, from peak of Sept. 28, 2004. Maximum discharge, 500 cfs, and maximum peak gage height, 15.45 ft, occurred July 13, 2005.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	631	25	31	13	12	34	26	8.8	7.2	109	25	46
2	492	23	28	13	11	27	26	8.3	5.7	110	23	51
3	423	21	26	12	11	23	25	7.3	7.3	126	20	49
4	374	19	24	11	10	22	23	13	11	125	17	46
5	327	18	23	11	9.7	21	20	21	11	86	14	54
6	288	16	21	11	9.3	20	17	27	10	61	14	53
7	246	15	20	11	9.0	18	15	29	20	45	25	44
8	210	14	18	10	8.7	17	14	26	20	35	49	36
9	181	13	17	10	8.4	16	13	20	16	45	79	30
10	158	12	16	9.8	8.2	19	11	16	14	81	99	24
11	143	12	16	9.7	7.8	19	9.6	12	17	117	72	20
12	135	11	15	9.4	7.6	18	8.3	9.4	25	297	54	16
13	126	12	14	9.1	7.5	16	7.4	7.6	55	415	53	13
14	116	12	13	38	7.8	15	6.5	6.4	117	243	54	11
15	106	11	12	49	7.4	16	5.9	5.7	106	192	148	9.5
16	97	11	11	47	7.0	21	5.4	5.3	74	141	109	8.3
17	89	11	11	35	6.8	35	5.0	5.4	50	112	77	7.4
18	83	10	11	28	6.6	46	4.8	5.4	35	100	58	6.7
19	77	9.6	10	25	6.3	54	4.7	5.1	25	84	58	6.0
20	72	9.0	10	23	6.3	45	4.5	4.9	18	68	65	5.4
21	70	8.6	9.7	22	6.2	38	4.5	4.8	14	59	48	5.4
22	65	8.4	9.7	21	6.1	36	4.4	4.9	21	50	42	5.7
23	60	8.3	9.6	20	6.0	38	4.5	4.7	52	42	41	5.3
24	55	8.4	9.6	18	5.8	40	4.6	4.8	74	50	36	5.1
25	50	37	11	17	7.6	42	4.5	4.8	38	70	30	4.7
26	45	32	17	16	8.8	41	7.7	4.6	24	52	27	4.3
27	41	35	17	15	18	41	12	4.6	18	41	32	4.2
28	37	42	18	14	28	40	9.6	4.6	21	34	50	4.0
29	34	36	17	14	---	37	11	4.5	30	35	52	3.7
30	31	34	15	13	---	33	9.1	4.5	82	31	44	7.3
31	29	---	14	13	---	30	---	5.8	---	28	44	---
TOTAL	4,891	534.3	494.6	568.0	254.9	918	324.0	296.2	1,018.2	3,084	1,559	586.0
MEAN	158	17.8	16.0	18.3	9.10	29.6	10.8	9.55	33.9	99.5	50.3	19.5
MAX	631	42	31	49	28	54	26	29	117	415	148	54
MIN	29	8.3	9.6	9.1	5.8	15	4.4	4.5	5.7	28	14	3.7
CFSM	2.18	0.25	0.22	0.25	0.13	0.41	0.15	0.13	0.47	1.37	0.69	0.27
IN.	2.51	0.27	0.25	0.29	0.13	0.47	0.17	0.15	0.52	1.58	0.80	0.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1947 - 2005, BY WATER YEAR (WY)

MEAN	65.2	22.1	38.2	44.8	50.1	74.8	35.3	14.6	29.5	71.5	162	178
MAX	252	150	562	354	462	612	335	245	336	424	631	696
(WY)	(1948)	(1989)	(1998)	(1998)	(1998)	(1960)	(1953)	(1979)	(2003)	(1960)	(2004)	(2004)
MIN	3.18	2.19	2.48	2.36	2.58	2.42	2.17	1.43	1.74	2.34	2.67	7.68
(WY)	(1973)	(1982)	(1991)	(1991)	(1985)	(1985)	(1990)	(1981)	(1963)	(1992)	(1989)	(1980)

02310000 ANCLOTE RIVER NEAR ELFERS, FL.—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1947 - 2005	
ANNUAL TOTAL	58,061.7		14,528.2			
ANNUAL MEAN	159		39.8		65.6	
HIGHEST ANNUAL MEAN					228	1959
LOWEST ANNUAL MEAN					8.86	1981
HIGHEST DAILY MEAN	2,420	Sep 7	631	Oct 1	3,710	Jul 30, 1960
LOWEST DAILY MEAN	4.6	May 29	3.7	Sep 29	0.80	May 26, 1962
ANNUAL SEVEN-DAY MINIMUM	4.7	May 25	4.5	Sep 23	0.91	May 19, 1981
MAXIMUM PEAK FLOW			500	Jul 13	3,890	Jul 30, 1960
MAXIMUM PEAK STAGE			15.45	Jul 13	26.09	Jul 30, 1960
ANNUAL RUNOFF (CFSM)	2.19		0.549		0.905	
ANNUAL RUNOFF (INCHES)	29.79		7.45		12.30	
10 PERCENT EXCEEDS	467		83		174	
50 PERCENT EXCEEDS	24		18		11	
90 PERCENT EXCEEDS	5.4		5.7		2.8	

02310050 ANCLOTE RIVER AT PERRINE ROAD NEAR ELFERS, FL.

LOCATION.--Lat 28° 11'38", long 82° 43'07" (1927 North American datum), in SE$^{1}/_{4}$ sec.29, T.26 S., R.16 E., Pasco County, Hydrologic Unit 03100207, upstream side of bridge on Perrine Ranch Road, 0.3 mi east of County Road 595, 1.5 mi south of Elfers, and 9.3 mi upstream from mouth.

DRAINAGE AREA.--81.2 mi^2.

PERIOD OF RECORD.--October 1982 to September 1989 (maximum and minimum elevations only); October 2003 to current year (tidal high-high and low-low only).

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to September 24, 1984, at datum 0.28 ft lower.

REMARKS.--Gage records tidal fluctuations in Anclote River; elevations affected by flow from Anclote River. The stage record published is the maximum and minimum tide event for each calendar day, except on those days when no maximum or minimum tide event occurred.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 6.90 ft Sept. 9, 1988; minimum, 1.45 ft below NGVD, Dec. 15, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 4.02 ft July 10; minimum, 1.45 ft below NGVD, Dec. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	1.78	-0.37	0.86	-0.53	1.35	-0.39	1.56	-0.47	1.90	0.04
2	---	---	1.53	-0.17	0.56	-0.75	1.63	-0.52	1.53	-0.51	1.70	-0.07
3	---	---	1.16	-0.25	1.59	-0.52	1.80	-0.52	0.69	-0.48	1.06	-0.29
4	---	---	2.26	0.66	2.06	-0.01	1.23	-0.39	1.66	-0.58	1.86	-0.11
5	---	---	2.10	0.46	1.29	0.05	2.16	-0.30	1.87	-0.36	2.03	-0.10
6	---	---	2.07	0.37	1.85	-0.44	2.14	-0.40	2.00	-0.25	2.24	0.09
7	---	---	2.09	0.21	1.07	-0.94	1.42	-1.24	2.36	-0.18	1.83	-0.21
8	---	---	2.19	0.03	1.64	-0.59	1.17	-0.85	1.17	-0.98	1.74	-0.44
9	---	---	2.06	-0.24	1.81	-0.55	2.03	-0.21	1.03	-0.61	1.57	-0.34
10	---	---	1.21	-0.79	2.28	0.03	2.39	-0.58	1.37	-0.38	1.57	-0.20
11	---	---	1.69	-0.36	2.43	-0.22	0.89	-1.07	1.57	-0.29	1.46	-0.78
12	---	---	2.19	0.05	1.86	-0.50	1.14	-0.57	1.61	-0.29	1.85	-0.55
13	---	---	2.43	0.20	1.74	-0.33	1.32	-0.37	1.53	-0.37	1.85	-0.40
14	---	---	1.48	-0.52	2.26	0.49	1.51	-0.20	2.20	-0.49	1.96	-0.59
15	---	---	2.17	0.24	1.14	-0.65	1.55	0.08	1.86	-0.07	2.12	-0.53
16	---	---	2.23	0.16	1.48	-0.12	1.62	-0.30	1.42	-0.65	2.21	-0.17
17	---	---	1.77	-0.07	2.10	0.16	2.29	-0.47	0.72	-0.68	1.32	-0.06
18	---	---	2.33	0.53	1.63	-0.60	2.53	0.28	1.50	-0.92	1.87	-0.35
19	---	---	2.54	1.06	1.61	-0.22	1.35	-0.16	1.04	-0.83	1.96	-0.21
20	---	---	0.73	-0.23	1.31	-0.50	2.17	-0.61	1.98	-0.30	1.75	-0.19
21	---	---	1.71	-0.05	---	-0.99	1.81	-0.69	2.21	-0.04	1.75	-0.13
22	---	---	2.01	-0.26	1.56	-0.92	2.06	-0.53	2.08	-0.27	1.93	-0.10
23	---	---	2.23	-0.19	1.96	-0.61	1.92	-0.52	1.55	-0.22	0.91	-0.79
24	---	---	2.58	-0.04	2.50	-0.25	1.69	-0.46	2.12	0.61	1.24	-0.86
25	---	---	2.62	-0.21	2.21	-0.54	1.77	-0.17	2.50	0.41	1.69	-0.64
26	---	---	2.48	-0.26	1.66	-0.75	1.79	0.03	2.32	1.03	1.63	-0.56
27	---	---	2.38	-0.09	1.41	-0.65	1.92	0.43	1.37	0.96	1.74	-0.50
28	---	---	2.42	0.03	1.47	-0.39	0.59	-0.56	1.33	0.23	1.75	-0.37
29	---	---	1.35	-1.06	1.60	-0.01	1.39	-0.70	1.43	-0.07	1.02	-0.41
30	2.08	-0.31	0.84	-0.67	1.56	0.14	1.26	-0.26	---	---	1.69	-0.63
31	1.53	-0.51	---	---	1.38	0.02	1.02	-0.52	---	---	2.24	-0.20
MAX	---	---	2.62	1.06	---	0.49	2.53	0.43	2.50	1.03	2.24	0.09
MIN	---	---	0.73	-1.06	---	-0.99	0.59	-1.24	0.69	-0.98	0.91	-0.86

02310050 ANCLOTE RIVER AT PERRINE ROAD NEAR ELFERS, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	APRIL HIGHHIGH	APRIL LOWLOW	MAY HIGHHIGH	MAY LOWLOW	JUNE HIGHHIGH	JUNE LOWLOW	JULY HIGHHIGH	JULY LOWLOW	AUGUST HIGHHIGH	AUGUST LOWLOW	SEPTEMBER HIGHHIGH	SEPTEMBER LOWLOW
1	1.16	-0.23	1.58	-0.22	2.37	-0.22	2.29	-0.41	2.90	1.25	1.87	0.35
2	1.56	-0.47	2.08	0.09	2.39	-0.30	2.44	0.50	2.60	1.03	1.76	0.22
3	1.94	-0.24	2.07	-0.28	2.49	0.70	2.45	-0.31	2.53	0.97	1.62	0.10
4	1.73	-0.18	1.44	-0.74	2.40	-0.48	2.35	-0.24	2.46	0.98	1.42	-0.18
5	1.75	-0.35	1.76	-0.69	2.60	-0.48	2.14	-0.24	2.30	1.59	0.73	-0.72
6	1.76	-0.37	2.05	-0.05	2.38	-0.28	1.81	-0.25	2.49	1.52	4.37	---
7	2.15	0.14	2.17	-0.62	2.13	-0.27	---	---	2.06	1.29	---	4.27
8	2.42	-0.23	2.30	-0.58	2.06	-0.27	1.51	0.03	2.93	2.80	5.81	---
9	2.34	-0.20	2.30	-0.39	1.83	-0.11	1.36	0.07	4.19	3.98	---	---
10	2.03	-0.25	2.10	-0.41	1.65	0.03	1.43	-0.22	3.94	3.91	---	---
11	2.57	-0.48	1.71	-0.30	1.65	0.25	1.73	-0.20	---	2.24	3.54	3.26
12	2.38	0.46	1.78	-0.32	1.74	-0.08	1.71	-0.37	2.94	1.74	3.18	2.69
13	2.28	0.33	1.51	-0.06	1.86	0.01	2.01	-0.20	2.62	1.17	2.92	2.19
14	1.07	-0.22	1.35	-0.20	2.09	-0.14	2.07	-0.31	3.11	2.85	2.82	1.95
15	0.29	-0.68	1.58	-0.20	2.14	-0.17	2.16	-0.36	3.75	3.63	3.80	2.33
16	1.10	-0.57	1.49	-0.54	2.05	-0.39	2.27	-0.22	4.21	3.89	2.85	1.86
17	1.14	-0.46	1.67	-0.44	2.09	-0.44	2.45	-0.04	3.58	3.39	2.45	1.19
18	1.31	-0.48	1.84	-0.44	2.10	-0.41	2.84	0.76	2.81	2.33	2.47	0.81
19	1.65	-0.48	2.06	-0.29	2.11	0.26	2.88	0.47	2.34	1.55	2.43	0.54
20	1.61	-0.49	2.17	-0.31	2.22	-0.32	2.63	1.22	2.16	1.03	1.95	0.22
21	2.05	-0.24	2.11	0.31	2.14	-0.27	2.71	1.82	2.08	0.72	1.80	0.04
22	1.93	0.28	2.31	-0.35	2.09	-0.12	2.46	2.00	2.12	0.55	2.18	0.38
23	1.74	-0.46	2.22	-0.15	1.77	-0.23	2.25	1.57	2.16	0.36	2.27	0.39
24	1.82	-0.56	2.02	-0.24	1.47	-0.20	2.06	1.04	2.18	0.19	2.15	0.27
25	1.83	-0.50	1.74	-0.31	1.45	-0.18	2.10	0.73	2.00	0.05	2.25	0.73
26	1.73	-0.37	1.47	-0.43	1.51	-0.02	2.06	0.50	2.32	0.46	4.00	0.02
27	1.10	-0.18	1.33	-0.32	1.73	-0.10	2.20	0.33	2.47	0.71	3.31	2.45
28	1.24	-0.71	1.57	-0.14	1.76	-0.40	2.23	0.48	2.47	0.82	3.19	2.52
29	1.30	-0.74	1.53	-0.12	2.01	-0.42	2.44	0.71	2.57	0.79	3.32	2.79
30	1.50	-0.46	1.91	-0.05	2.17	-0.40	2.74	0.92	2.41	0.67	3.18	2.29
31	---	---	2.10	-0.23	---	---	2.82	0.86	2.22	0.51	---	---
MAX	2.57	0.46	2.31	0.31	2.60	0.70	---	---	---	3.98	---	---
MIN	0.29	-0.74	1.33	-0.74	1.45	-0.48	---	---	---	0.05	---	---

02310050 ANCLOTE RIVER AT PERRINE ROAD NEAR ELFERS, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	2.95	1.78	2.44	0.25	2.05	-0.23	1.38	-0.45	1.84	-0.15	1.39	-0.16
2	2.54	1.25	2.50	0.39	1.58	-0.28	1.43	-0.22	1.86	-0.24	1.19	-0.45
3	2.35	0.91	2.33	0.23	1.60	-0.45	1.25	-0.33	2.23	-0.40	1.16	-0.72
4	2.38	0.93	2.12	0.31	1.35	-0.30	1.38	-0.20	1.40	-0.47	1.39	-0.85
5	2.10	0.68	2.31	-0.21	1.18	-0.46	1.74	-0.37	1.79	-0.82	1.51	-0.86
6	1.91	0.47	1.18	-0.32	1.56	-0.03	1.87	-0.50	---	-0.78	1.59	-0.76
7	1.64	0.24	1.63	-0.04	1.90	-0.02	1.94	-0.54	2.46	-0.32	1.08	-0.66
8	1.88	0.45	1.53	0.02	1.64	-0.06	1.09	-0.63	2.66	0.08	2.36	0.39
9	2.32	0.74	1.54	-0.26	1.27	-0.48	2.03	-0.72	2.84	0.23	1.76	-0.54
10	2.31	0.81	1.37	-0.44	2.17	-0.12	1.99	-0.67	2.90	0.45	1.62	-0.50
11	2.53	0.99	1.92	-0.02	2.40	-0.03	2.16	-0.51	1.83	-0.35	1.77	-0.17
12	2.26	0.77	2.60	0.28	1.70	-0.89	2.43	-0.24	1.42	-0.23	1.44	-0.41
13	2.38	0.79	3.00	0.34	1.92	-0.67	2.44	0.03	2.13	-0.16	1.68	-0.05
14	2.34	0.44	2.31	-0.47	2.07	-0.74	2.93	0.57	2.06	0.33	1.51	-0.31
15	2.58	1.00	1.72	-0.69	0.51	-1.45	0.82	-0.54	1.85	0.23	1.43	-0.57
16	2.26	0.08	1.87	-0.48	0.55	-1.03	0.59	-0.60	1.89	-0.14	2.02	-0.59
17	2.29	0.02	2.15	-0.22	1.09	-0.61	0.68	-0.87	1.90	-0.05	1.87	0.03
18	2.26	0.08	1.93	-0.08	1.21	-0.35	0.80	-0.88	1.29	-0.72	0.89	-0.29
19	2.51	0.22	1.82	0.08	1.48	-0.31	1.55	-0.90	1.36	-0.90	1.05	-0.71
20	2.42	0.18	1.87	0.36	0.55	-0.89	1.91	-0.58	0.95	-0.73	1.47	-0.65
21	2.04	-0.14	1.81	0.38	1.47	-0.74	2.27	-0.19	1.85	-0.45	1.03	-0.39
22	1.57	-0.25	1.69	0.21	2.22	-0.60	1.49	-0.07	1.85	-0.42	1.79	-0.09
23	1.87	0.08	2.07	0.23	1.99	0.00	2.54	-0.15	1.74	-0.43	1.93	-0.12
24	2.12	0.28	2.42	0.40	1.25	-0.44	0.82	-1.00	1.90	-0.21	1.85	-0.16
25	2.06	0.43	2.94	0.84	---	-0.94	1.77	-0.47	1.84	-0.26	1.63	-0.16
26	2.07	0.20	1.97	-0.45	2.40	-0.55	2.01	-0.17	1.47	-0.38	1.79	-0.16
27	1.86	-0.07	1.87	-0.25	0.45	-1.26	2.14	-0.21	2.38	0.01	2.14	0.08
28	2.08	-0.02	2.81	0.11	0.85	-1.13	1.74	-0.52	2.08	0.36	2.25	1.05
29	2.32	0.07	1.77	-0.43	1.20	-0.78	1.39	-0.29	---	---	1.70	0.01
30	2.43	0.17	1.86	-0.34	1.48	-0.66	2.06	0.44	---	---	1.81	-0.50
31	2.47	0.17	---	---	1.66	-0.40	1.68	-0.02	---	---	2.00	-0.53
MAX	2.95	1.78	3.00	0.84	---	0.00	2.93	0.57	---	0.45	2.36	1.05
MIN	1.57	-0.25	1.18	-0.69	---	-1.45	0.59	-1.00	---	-0.90	0.89	-0.86
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	2.16	-0.65	2.40	-0.12	1.91	0.27	2.05	0.26	2.05	-0.18	2.21	0.01
2	1.78	-0.07	1.71	-0.03	2.05	0.08	2.30	0.36	2.14	-0.22	2.25	0.19
3	1.28	-0.78	1.52	-0.36	2.24	0.09	2.31	0.27	2.16	-0.15	2.06	0.06
4	1.49	-0.79	1.76	-0.16	2.25	-0.10	2.22	0.11	2.05	-0.26	1.94	0.15
5	1.17	-0.57	2.07	-0.01	2.33	-0.27	2.32	0.05	2.07	-0.18	1.71	0.04
6	1.89	-0.18	1.57	-0.53	2.16	-0.29	2.53	0.20	1.88	0.08	1.70	0.05
7	2.00	0.08	1.75	-0.45	2.16	-0.39	2.25	0.02	2.00	-0.13	1.63	0.05
8	2.30	-0.01	2.20	-0.18	2.18	0.50	2.24	0.54	1.79	-0.11	1.71	0.02
9	1.85	-0.34	2.27	-0.23	2.03	-0.29	2.11	-0.03	1.61	0.02	1.89	0.07
10	1.91	-0.01	2.29	0.45	1.84	-0.32	4.02	---	1.69	0.13	1.98	0.01
11	2.19	-0.46	2.01	-0.24	2.21	-0.21	2.58	1.55	1.64	0.19	1.94	-0.11
12	2.33	-0.12	2.11	-0.47	2.11	0.36	2.02	0.51	1.77	0.06	1.94	-0.07
13	2.18	0.14	1.98	-0.34	1.78	0.07	1.91	0.97	1.88	0.01	2.49	0.04
14	2.05	-0.12	2.10	-0.45	1.64	0.14	2.01	0.80	2.10	-0.11	2.69	0.22
15	1.01	-0.63	1.85	-0.10	1.46	0.28	2.22	0.76	2.20	0.02	2.55	0.13
16	0.91	-1.08	1.55	-0.08	1.75	0.32	2.11	0.51	2.24	-0.09	2.72	0.34
17	1.00	-0.99	1.33	-0.16	2.01	0.18	2.23	0.20	2.30	-0.04	2.41	0.31
18	1.29	-0.77	1.42	-0.20	2.15	-0.03	2.39	0.20	2.59	0.05	2.36	0.22
19	1.64	-0.46	1.57	-0.17	2.09	-0.31	2.54	0.06	2.55	0.14	2.08	0.14
20	1.66	-0.23	1.92	0.06	1.97	-0.50	2.61	0.10	2.50	0.19	1.67	-0.44
21	1.88	0.09	2.02	-0.17	2.20	-0.31	2.70	0.11	2.32	0.18	2.24	-0.66
22	1.99	0.13	2.12	-0.37	2.39	0.56	2.60	0.50	2.09	0.16	3.57	0.90
23	2.37	0.43	2.20	-0.44	2.59	0.02	2.30	0.12	2.06	0.31	2.90	0.78
24	1.83	-0.34	2.54	-0.19	2.32	0.32	2.07	-0.03	2.10	0.23	2.34	0.40
25	2.05	-0.35	2.53	0.92	2.32	-0.12	1.77	0.14	1.94	-0.08	2.06	0.32
26	2.49	0.35	2.45	-0.32	2.18	-0.05	1.66	0.15	0.83	-0.79	1.99	0.24
27	2.32	0.08	2.47	-0.32	1.78	0.11	1.70	0.02	2.12	0.93	1.94	0.17
28	1.82	-0.38	2.26	-0.25	1.51	0.08	1.71	-0.15	3.33	1.00	2.14	0.28
29	2.36	-0.56	1.86	-0.18	1.77	0.34	1.78	-0.12	2.73	0.77	2.24	0.28
30	2.48	-0.18	1.85	-0.17	1.97	0.39	1.77	-0.22	2.52	0.52	2.10	0.21
31	---	---	1.86	0.09	---	---	2.03	-0.14	2.31	0.23	---	---
MAX	2.49	0.43	2.54	0.92	2.59	0.56	4.02	---	3.33	1.00	3.57	0.90
MIN	0.91	-1.08	1.33	-0.53	1.46	-0.50	1.66	---	0.83	-0.79	1.63	-0.66

02310050 ANCLOTE RIVER AT PERRINE ROAD NEAR ELFERS, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1982 to September 1986 (incomplete); October 2003 to current year.

INSTRUMENTATION.--Water-quality monitor near bottom October 1982 to September 1986; October 2003 to current year water-quality monitoring consisting of top and bottom specific conductance and temperature sensors.

REMARKS.--Records good. Extremes for bottom sensor are for the period October 1982 to September 1986; and October 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 18,500 microsiemens, May 27, 2005; bottom sensor maximum, 34,400 microsiemens, June 6, 1985; top sensor minimum, 53 microsiemens, Sept. 8, 2004; bottom sensor minimum, 53 microsiemens, Aug. 16, 2004.

TEMPERATURE.--Top sensor maximum, 32.2° C, June 24, 2004; bottom sensor maximum, 33.0° C, June 10, 11, 1985;; top sensor minimum, 13.1° C, Jan. 31, 2004, Jan. 20, 2005; bottom sensor minimum, 9.0° C, Jan. 2, 1984.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 18,500 microsiemens, May 27; bottom sensor maximum, 19,000 microsiemens, May 27; top sensor minimum, 101 microsiemens, Oct. 1; bottom sensor minimum, 101 microsiemens, Oct. 1.

TEMPERATURE.--Top sensor maximum, 30.8° C, Aug 2; bottom sensor maximum, 30.4° C, Aug. 6; top sensor minimum, 13.0° C, Jan. 20; bottom sensor minimum, 13.1° C, Jan. 20.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	575	415	---	---	6,990	750	---	---	181	152
2	---	---	582	427	---	---	---	---	---	---	205	161
3	---	---	1,430	430	---	---	---	---	---	---	226	169
4	---	---	2,560	497	8,540	842	10,700	1,060	---	---	241	186
5	---	---	1,810	477	8,540	913	11,900	1,160	316	259	260	201
6	---	---	864	411	---	---	11,300	1,150	337	266	266	219
7	---	---	565	370	---	---	---	---	358	269	285	229
8	---	---	473	395	---	---	---	---	---	---	317	239
9	---	---	491	322	---	---	13,900	1,990	---	---	339	224
10	---	---	---	---	12,500	1,520	---	---	428	326	---	---
11	---	---	500	362	13,600	1,470	---	---	406	319	---	---
12	---	---	860	375	---	---	---	---	433	316	---	---
13	---	---	1,720	374	9,910	1,570	10,300	1,320	470	358	403	308
14	---	---	---	---	13,700	2,010	10,900	1,590	---	---	---	---
15	---	---	1,920	422	---	---	10,600	1,830	507	380	---	---
16	---	---	2,180	409	2,620	639	11,400	1,360	---	---	516	375
17	---	---	1,690	407	4,250	575	---	---	---	---	527	353
18	---	---	4,800	482	---	---	15,300	3,280	---	---	---	---
19	---	---	4,900	602	3,640	538	12,000	890	---	---	315	246
20	---	---	1,430	446	---	---	---	---	346	273	318	262
21	---	---	1,970	515	---	---	---	---	345	291	332	275
22	---	---	2,240	497	---	---	---	---	372	301	---	---
23	---	---	3,250	504	---	---	---	---	398	316	---	---
24	---	---	6,030	531	11,200	809	---	---	444	330	---	---
25	---	---	6,960	515	---	---	4,000	592	399	217	---	---
26	---	---	6,850	530	---	---	4,340	608	224	134	---	---
27	---	---	6,820	573	---	---	1,770	463	137	126	---	---
28	---	---	7,800	603	6,350	796	---	---	143	130	567	391
29	---	---	---	---	6,920	953	---	---	167	139	---	---
30	622	385	---	---	7,270	917	359	299	---	---	---	---
31	---	---	---	---	6,020	872	---	---	---	---	2,220	469
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02310050 ANCLOTE RIVER AT PERRINE ROAD NEAR ELFERS, FL—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	2,240	497	4,760	744	22,400	5,540	16,800	1,070	192	130	219	128
2	---	---	5,640	858	22,800	5,350	5,590	291	192	136	239	153
3	2,110	551	4,600	697	---	---	1,270	291	175	131	199	151
4	2,040	605	---	---	---	---	837	307	177	128	227	170
5	2,640	566	---	---	---	---	992	329	160	106	---	---
6	4,140	623	---	---	25,700	6,650	779	334	126	106	307	101
7	6,870	648	---	---	24,300	6,930	---	---	123	100	102	57
8	9,250	701	---	---	23,100	6,930	525	336	112	65	58	53
9	9,540	788	12,000	880	16,300	4,520	495	336	74	62	69	58
10	7,600	814	11,700	852	13,300	3,840	577	387	72	63	79	68
11	---	---	9,370	1,080	14,300	3,380	1,730	403	83	71	84	78
12	3,040	487	11,300	1,100	13,300	2,360	3,440	450	101	81	104	83
13	555	285	9,310	1,720	15,700	2,580	7,190	500	122	94	106	96
14	307	247	8,910	1,380	15,000	1,880	8,490	569	143	99	115	103
15	---	---	11,200	1,690	15,000	1,620	10,800	709	99	72	121	108
16	---	---	---	---	10,200	889	10,400	752	75	63	131	113
17	---	---	12,800	1,350	11,000	825	12,100	864	74	64	147	121
18	---	---	13,000	1,700	11,500	827	10,400	794	88	72	157	130
19	---	---	15,200	2,200	14,500	789	853	224	104	85	166	138
20	---	---	16,500	2,430	12,400	1,060	296	122	127	101	182	152
21	---	---	16,600	2,410	10,600	885	141	96	141	121	193	164
22	---	---	19,400	2,490	11,300	860	116	92	156	131	181	155
23	---	---	18,900	3,730	9,370	890	150	96	167	140	176	151
24	---	---	18,600	3,630	8,410	944	183	111	170	146	186	155
25	---	---	16,400	3,600	9,140	1,050	189	146	177	146	195	164
26	1,950	527	---	---	10,600	1,630	182	145	172	128	286	190
27	1,150	578	14,000	3,880	13,400	1,870	171	140	129	102	225	123
28	---	---	16,400	4,780	14,700	1,830	192	135	108	94	124	91
29	---	---	16,500	4,950	16,000	2,010	221	142	111	95	105	88
30	3,820	674	19,000	5,530	16,700	1,860	186	132	136	105	114	92
31	---	---	20,100	5,120	---	---	159	121	146	123	---	---
MONTH	---	---	---	---	---	---	---	---	192	62	---	---

02310050 ANCLOTE RIVER AT PERRINE ROAD NEAR ELFERS, FL—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	598	414	2,480	633	7,990	754	500	343	157	130
2	---	---	598	430	2,160	647	9,750	775	384	302	183	142
3	---	---	1,580	427	6,910	699	10,000	878	348	257	222	156
4	---	---	2,880	495	8,600	875	11,800	1,030	340	252	235	177
5	---	---	1,970	470	8,670	917	12,200	1,220	335	258	256	191
6	---	---	894	412	7,420	717	11,900	1,160	337	265	263	206
7	---	---	573	370	6,190	632	7,560	798	360	272	279	220
8	---	---	474	390	7,590	852	10,300	1,080	395	276	316	245
9	---	---	490	324	9,080	981	14,300	2,190	434	321	343	259
10	---	---	458	332	12,800	1,550	15,400	1,500	433	325	326	272
11	---	---	501	368	15,300	1,540	6,840	957	414	327	368	300
12	---	---	912	374	10,600	1,220	10,900	1,470	437	339	382	324
13	---	---	1,890	374	10,800	1,390	10,600	1,660	472	360	402	324
14	---	---	544	369	14,400	2,040	11,200	1,730	606	371	424	322
15	---	---	2,190	422	2,530	738	11,200	2,020	553	378	447	336
16	---	---	2,460	414	3,380	644	12,700	1,410	427	321	520	372
17	---	---	1,720	407	4,990	584	16,000	1,470	368	258	533	347
18	---	---	4,900	474	3,710	555	15,400	3,650	408	262	416	269
19	---	---	5,100	601	3,830	543	13,900	946	378	282	317	246
20	---	---	1,480	444	3,800	483	6,360	600	348	279	322	262
21	---	---	2,040	513	4,320	489	3,000	578	344	294	332	276
22	---	---	2,360	502	5,600	546	4,510	607	375	303	368	293
23	---	---	3,470	494	7,960	637	4,070	551	394	318	412	313
24	---	---	6,190	515	11,500	826	3,530	537	457	332	455	348
25	---	---	7,180	516	8,700	703	4,260	593	413	215	464	369
26	---	---	7,160	518	6,200	660	4,480	615	224	130	494	374
27	---	---	7,030	562	5,870	695	1,980	461	134	118	570	387
28	---	---	8,020	606	6,660	799	625	406	124	116	562	392
29	---	---	2,090	520	7,590	993	452	337	144	119	564	414
30	634	386	1,970	614	7,580	954	380	300	---	---	875	429
31	501	394	---	---	6,690	892	444	317	---	---	2,260	474
MONTH	---	---	8,020	324	15,300	483	16,000	300	606	116	2,260	130
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	2,270	500	4,910	736	22,400	5,600	17,700	1,140	197	132	215	109
2	1,800	499	5,770	839	22,800	5,500	7,680	441	204	140	257	155
3	2,140	555	4,740	677	24,100	5,290	1,200	321	182	131	202	151
4	2,080	605	1,600	595	25,000	4,990	790	305	186	129	226	172
5	2,720	608	3,330	600	27,200	5,420	1,010	324	171	106	300	201
6	4,200	628	6,460	596	26,000	6,720	742	311	125	105	313	102
7	7,060	649	8,400	635	25,600	7,030	---	---	125	97	105	57
8	9,430	704	10,800	704	25,100	7,000	528	333	110	62	62	53
9	9,780	786	11,800	839	19,100	4,650	492	334	70	58	70	58
10	8,090	822	12,200	887	18,100	3,850	576	386	67	58	83	68
11	12,400	754	10,500	1,020	18,300	3,540	1,850	401	79	66	88	77
12	3,160	501	11,500	1,040	17,500	2,420	4,440	431	95	75	102	82
13	636	293	9,060	1,660	18,300	2,650	8,160	499	118	88	105	95
14	313	243	8,620	1,310	17,400	1,860	10,100	587	143	92	110	100
15	307	234	10,500	1,570	17,000	1,570	11,700	709	93	62	121	106
16	323	252	10,300	1,230	12,000	846	12,100	770	72	53	131	113
17	322	263	12,100	1,450	12,400	777	12,400	876	68	55	139	121
18	362	277	12,300	1,540	13,000	777	10,700	839	78	63	152	129
19	428	307	14,300	2,090	15,100	844	1,430	223	96	74	165	138
20	481	328	15,800	2,390	13,700	1,070	290	128	118	90	174	149
21	787	361	15,700	2,280	11,900	874	136	92	142	108	211	165
22	805	387	18,300	2,390	13,000	857	117	90	146	119	192	162
23	881	408	18,100	3,520	11,400	867	158	100	153	125	177	153
24	1,300	435	18,500	3,450	10,200	964	191	112	154	129	186	159
25	1,780	480	18,700	3,460	11,700	1,040	199	146	158	130	197	170
26	1,960	520	19,700	3,440	11,600	1,620	175	144	154	110	289	195
27	1,250	578	18,300	3,960	14,100	1,850	167	140	110	83	210	124
28	1,910	557	18,100	4,900	15,600	1,820	181	135	93	73	124	91
29	2,730	614	16,500	5,060	17,300	2,120	198	141	90	74	97	87
30	3,980	662	19,000	5,560	17,900	1,900	184	135	119	82	109	90
31	---	---	20,200	5,120	---	---	168	124	120	98	---	---
MONTH	12,400	234	20,200	595	27,200	777	---	---	204	53	313	53

02310050 ANCLOTE RIVER AT PERRINE ROAD NEAR ELFERS, FL—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	23.6	23.1	18.1	17.5	18.7	17.3	15.3	14.1	17.3	14.8
2	---	---	23.4	22.7	---	---	19.3	17.3	15.7	14.9	19.0	16.7
3	---	---	23.5	22.6	18.5	16.4	19.6	17.8	---	---	20.6	18.2
4	---	---	23.9	22.6	19.0	17.1	20.3	18.6	---	---	20.9	19.1
5	---	---	24.4	23.0	19.0	17.7	20.7	19.3	18.8	16.6	22.1	20.0
6	---	---	24.8	23.3	18.8	16.4	20.6	19.3	19.9	17.7	23.0	20.8
7	---	---	24.7	23.6	---	---	---	---	19.9	19.0	22.5	21.4
8	---	---	25.1	24.0	16.7	14.7	---	---	---	---	23.1	20.5
9	---	---	24.8	23.7	17.4	15.8	18.4	17.1	---	---	21.2	19.4
10	---	---	---	---	18.3	16.9	---	---	18.1	16.4	---	---
11	---	---	24.2	23.2	18.3	17.2	---	---	17.9	16.2	---	---
12	---	---	24.2	23.1	17.5	16.3	16.1	14.7	---	---	18.6	16.5
13	---	---	24.0	22.6	17.6	16.5	16.1	14.8	20.0	18.8	19.1	16.5
14	---	---	---	---	17.9	17.3	16.2	14.8	19.8	19.4	---	---
15	---	---	22.0	20.9	---	---	16.4	15.0	20.8	19.6	18.8	17.4
16	---	---	21.9	20.8	17.1	16.1	16.4	15.0	---	---	19.6	18.6
17	---	---	22.0	21.1	17.3	16.6	16.6	14.6	---	---	21.3	19.4
18	---	---	22.9	21.3	---	---	16.9	15.6	---	---	21.5	19.6
19	---	---	22.9	21.4	16.2	15.1	16.7	15.7	---	---	21.8	19.6
20	---	---	21.4	20.0	---	---	---	---	15.4	13.7	21.0	18.9
21	---	---	20.6	19.4	---	---	---	---	16.3	14.3	21.5	19.4
22	---	---	20.5	19.3	---	---	---	---	17.3	15.9	---	---
23	---	---	20.9	19.7	16.0	14.3	---	---	18.6	16.7	---	---
24	---	---	21.2	19.9	16.3	15.4	15.6	14.3	19.5	18.4	---	---
25	---	---	21.6	20.1	16.3	15.2	16.3	14.6	19.6	18.6	---	---
26	---	---	21.1	19.9	---	---	17.6	15.6	19.3	18.7	20.5	18.2
27	---	---	21.5	20.3	16.2	14.9	18.0	17.1	18.8	16.1	22.3	18.9
28	---	---	21.9	20.6	16.5	15.3	---	---	16.1	14.0	22.5	19.2
29	---	---	---	---	17.3	16.0	---	---	15.8	14.0	23.2	19.0
30	23.7	22.3	---	---	18.0	16.5	15.2	14.0	---	---	---	---
31	23.8	22.6	---	---	18.5	17.1	14.1	13.1	---	---	23.4	20.4
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	22.1	20.5	26.7	23.9	31.7	28.9	30.6	27.0	27.1	26.4	28.0	26.0
2	21.8	19.8	27.0	24.8	31.6	28.7	28.7	25.8	26.7	26.3	28.2	25.7
3	21.9	20.1	26.5	24.0	31.8	28.6	27.9	25.5	27.6	26.4	28.1	25.7
4	22.1	20.2	---	---	31.6	28.4	27.8	25.7	27.1	26.6	27.7	26.0
5	22.2	20.2	---	---	31.2	28.2	28.1	25.9	27.2	26.6	---	---
6	22.5	19.9	---	---	31.6	28.2	28.8	26.4	27.6	26.9	25.2	24.8
7	22.8	20.5	26.6	23.5	31.8	28.4	---	---	27.6	26.8	25.9	24.9
8	23.8	21.1	27.0	23.7	31.8	28.5	29.6	26.0	27.0	26.4	27.2	25.9
9	24.6	21.7	26.9	24.0	31.0	28.0	29.3	27.1	27.1	26.3	27.5	27.1
10	25.3	22.1	26.9	23.9	30.8	28.2	29.1	27.7	27.6	27.0	27.3	26.7
11	24.6	21.3	26.7	24.1	30.0	28.3	29.7	28.0	27.7	27.3	27.4	27.0
12	23.2	20.8	26.8	24.1	30.2	27.8	29.2	27.7	27.5	26.9	27.5	26.9
13	21.6	20.3	26.9	24.6	30.8	28.2	29.6	27.8	27.1	26.3	27.1	26.6
14	20.6	19.1	27.2	24.6	30.5	27.6	30.6	27.9	26.3	25.4	26.8	26.4
15	---	---	27.7	24.9	30.6	27.5	30.2	27.8	25.4	25.1	26.5	26.3
16	---	---	27.3	25.2	30.0	27.1	29.9	27.5	26.1	25.1	27.1	26.3
17	19.8	17.1	28.0	25.0	30.3	27.0	29.5	27.1	26.7	26.0	27.9	26.8
18	20.3	17.7	28.0	25.3	30.4	27.2	28.3	26.0	26.9	26.5	28.0	26.8
19	21.2	18.8	28.4	25.6	30.6	27.6	26.0	25.0	27.1	26.6	27.3	25.8
20	22.2	19.3	28.8	26.1	31.1	28.0	25.0	24.7	27.4	26.7	26.4	24.9
21	22.4	20.4	29.1	26.1	31.4	28.0	25.9	24.9	27.7	26.6	25.1	24.4
22	23.3	20.6	29.4	26.2	31.6	28.2	26.4	25.9	27.1	25.9	25.6	24.4
23	23.9	21.0	29.9	26.7	31.8	28.2	26.9	26.4	27.3	25.8	25.9	24.5
24	24.5	21.8	29.8	26.6	32.2	28.6	27.2	26.3	27.5	26.0	26.0	24.5
25	24.8	21.8	30.5	26.6	31.9	29.2	26.8	26.1	27.4	26.2	25.6	24.4
26	25.9	22.7	30.9	26.5	31.7	29.6	27.1	26.1	27.0	25.5	24.7	24.1
27	24.2	22.9	30.6	27.1	31.6	29.8	26.9	26.0	26.7	25.5	24.8	24.0
28	---	---	30.4	27.8	31.0	28.6	26.8	25.6	27.0	26.2	25.7	24.8
29	---	---	30.3	28.0	30.8	28.1	26.5	25.7	27.6	26.3	26.3	25.6
30	25.7	22.9	30.9	28.2	30.4	27.8	27.0	26.0	27.4	26.4	26.4	26.1
31	---	---	31.3	28.6	---	---	27.4	26.4	27.8	26.2	---	---
MONTH	---	---	---	---	32.2	27.0	---	---	27.8	25.1	---	---

02310050 ANCLOTE RIVER AT PERRINE ROAD NEAR ELFERS, FL—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	23.6	23.1	18.1	17.5	18.7	17.3	15.3	14.0	17.3	14.8
2	---	---	23.4	22.8	17.8	16.8	19.1	17.6	15.6	14.9	19.0	16.7
3	---	---	23.5	22.6	18.6	16.8	19.6	18.0	16.9	15.6	20.5	18.2
4	---	---	23.9	22.7	19.0	17.1	20.3	18.6	17.0	15.8	20.8	19.0
5	---	---	24.3	22.9	19.0	17.7	20.7	19.2	18.6	16.6	21.8	20.0
6	---	---	24.7	23.2	18.8	17.0	20.7	19.4	19.9	17.6	22.7	20.8
7	---	---	24.6	23.6	17.1	15.6	19.8	17.8	19.8	19.0	22.3	21.4
8	---	---	25.0	24.0	16.7	15.2	18.2	16.5	19.1	17.6	22.3	20.8
9	---	---	24.8	23.7	17.4	15.8	18.4	17.1	17.8	16.6	20.9	19.4
10	---	---	23.9	22.9	18.3	16.9	18.4	15.9	18.1	16.3	19.6	17.7
11	---	---	24.2	23.1	18.4	17.1	16.0	14.7	17.8	16.2	18.4	16.4
12	---	---	24.2	23.1	17.5	16.5	16.1	14.7	18.9	16.8	18.4	16.5
13	---	---	24.0	22.6	17.6	16.5	16.1	14.8	19.6	18.8	18.6	16.6
14	---	---	22.6	21.0	17.8	17.3	16.1	14.8	19.7	19.5	18.8	17.0
15	---	---	22.1	20.8	17.3	16.2	16.5	15.0	20.7	19.5	18.7	17.7
16	---	---	21.9	20.7	17.1	16.2	16.5	15.0	19.9	18.5	19.6	18.6
17	---	---	22.0	21.0	17.3	16.6	16.6	14.7	18.5	16.3	21.2	19.4
18	---	---	23.0	21.2	16.6	15.7	16.7	15.6	16.6	15.4	21.5	19.5
19	---	---	23.0	21.4	16.2	15.1	16.7	15.6	15.9	14.4	21.3	19.5
20	---	---	21.4	20.0	15.6	14.4	16.4	15.5	15.4	13.6	21.0	18.9
21	---	---	20.5	19.4	14.5	13.2	16.3	15.3	16.3	14.3	21.3	19.4
22	---	---	20.4	19.3	15.0	13.3	16.1	15.2	17.3	15.8	21.1	19.9
23	---	---	20.9	19.6	15.9	14.3	15.7	14.8	18.6	16.6	20.4	18.8
24	---	---	21.2	19.9	16.3	15.4	15.6	14.3	19.3	18.4	20.2	18.4
25	---	---	21.6	20.1	16.3	15.3	16.3	14.6	19.6	18.6	20.1	18.5
26	---	---	21.1	19.8	15.9	14.8	17.6	15.6	19.3	18.7	20.4	18.2
27	---	---	21.5	20.3	16.2	14.9	17.8	17.0	18.8	16.1	21.0	18.9
28	---	---	21.9	20.6	16.5	15.3	18.0	16.8	16.1	13.9	21.1	19.3
29	---	---	20.6	18.5	17.3	16.0	16.9	15.1	15.8	13.9	20.8	19.4
30	23.6	22.1	18.5	17.5	17.9	16.6	15.1	13.9	---	---	21.7	19.6
31	23.7	22.7	---	---	18.5	17.1	14.1	13.1	---	---	22.3	20.3
MONTH	---	---	25.0	17.5	19.0	13.2	20.7	13.1	20.7	13.6	22.7	14.8
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	22.1	20.5	26.3	23.9	31.5	28.9	30.4	27.1	27.1	26.4	27.7	26.0
2	21.7	19.9	26.8	24.8	31.4	28.7	28.8	25.8	26.7	26.3	27.7	25.6
3	21.8	20.1	26.5	24.0	31.6	28.6	27.5	25.5	27.6	26.4	27.7	25.6
4	22.1	20.2	25.1	22.8	31.5	28.5	27.5	25.7	27.1	26.6	27.6	26.0
5	22.2	20.2	25.3	22.6	31.1	28.3	28.1	25.8	27.1	26.6	26.5	25.1
6	22.4	19.8	25.8	23.0	31.4	28.3	28.5	26.4	27.6	26.9	25.1	24.8
7	22.9	20.5	26.5	23.6	31.3	28.5	---	---	27.5	26.7	25.9	24.8
8	23.7	21.1	27.0	23.8	31.4	28.6	28.3	26.0	27.0	26.3	27.1	25.8
9	24.6	21.7	26.9	24.0	30.8	28.1	28.7	27.1	27.1	26.3	27.5	27.0
10	24.9	22.1	26.7	24.0	30.8	28.3	28.9	27.6	27.5	26.9	27.3	26.7
11	24.5	22.0	26.6	24.1	30.3	28.4	29.4	28.0	27.7	27.3	27.4	27.0
12	23.2	20.8	26.8	24.2	30.2	27.9	29.1	27.8	27.5	26.9	27.4	26.9
13	21.6	20.3	26.9	24.6	30.6	28.3	29.4	27.8	27.1	26.3	27.0	26.6
14	20.3	19.1	27.0	24.7	30.2	27.6	29.8	27.9	26.3	25.4	26.8	26.3
15	19.2	17.5	27.5	24.9	30.1	27.5	30.0	27.8	25.4	25.1	26.5	26.2
16	19.2	16.7	27.2	25.2	29.6	27.2	29.7	27.5	26.1	25.1	27.1	26.2
17	19.7	17.0	27.9	25.0	30.1	27.0	29.5	27.1	26.6	26.0	27.8	26.8
18	20.3	17.7	27.8	25.3	30.0	27.2	28.3	26.0	26.9	26.5	28.0	26.8
19	21.2	18.7	28.2	25.6	30.5	27.6	26.0	25.0	27.1	26.6	27.3	25.8
20	22.0	19.3	28.8	26.1	30.8	28.0	25.0	24.7	27.3	26.6	26.3	24.9
21	22.3	20.4	28.9	26.2	31.2	28.0	25.9	24.8	27.6	26.6	25.1	24.4
22	23.1	20.6	29.2	26.3	31.3	28.2	26.4	25.9	27.1	25.9	25.5	24.4
23	23.7	21.3	29.5	26.7	31.2	28.2	26.8	26.4	27.3	25.8	25.9	24.5
24	24.3	21.9	29.2	26.7	31.8	28.6	27.2	26.2	27.5	25.9	25.9	24.5
25	24.7	22.1	29.2	26.7	31.8	29.2	26.8	26.1	27.4	26.1	25.6	24.4
26	25.0	22.7	29.7	26.8	31.8	29.7	27.1	26.1	27.0	25.5	24.6	24.1
27	24.2	22.8	29.9	27.3	31.3	29.8	26.9	26.0	26.7	25.5	24.8	24.0
28	24.2	21.7	30.3	27.8	30.8	28.7	26.8	25.6	27.0	26.1	25.7	24.8
29	24.5	22.2	30.2	28.1	30.6	28.2	26.5	25.6	27.5	26.3	26.3	25.6
30	25.5	23.0	30.9	28.3	30.2	28.0	27.0	25.9	27.3	26.4	26.4	26.1
31	---	---	31.2	28.7	---	---	27.4	26.4	27.6	26.2	---	---
MONTH	25.5	16.7	31.2	22.6	31.8	27.0	---	---	27.7	25.1	28.0	24.0

02310050 ANCLOTE RIVER AT PERRINE ROAD NEAR ELFERS, FL—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	124	101	413	328	421	331	1,610	520	1,340	502	762	436
2	132	111	430	342	430	323	2,070	520	1,560	504	619	404
3	137	120	446	346	433	337	1,710	533	3,520	498	539	405
4	146	125	479	364	455	344	1,920	572	1,450	527	556	383
5	154	130	489	398	457	383	2,960	559	3,300	531	586	399
6	165	141	544	426	474	409	3,710	552	7,930	614	644	410
7	174	147	559	473	503	385	4,360	554	8,870	585	1,680	407
8	175	153	570	500	486	392	4,590	608	10,200	847	2,820	487
9	186	158	573	496	646	335	5,340	682	11,600	958	857	396
10	187	165	710	493	719	420	5,830	729	12,100	1,140	658	436
11	197	170	1,690	540	816	432	7,680	774	4,690	694	1,140	468
12	206	182	2,750	579	562	420	10,500	795	4,380	765	728	439
13	206	180	5,730	631	874	483	11,000	950	9,030	793	940	445
14	222	177	1,610	496	1,220	490	11,500	539	7,520	1,120	689	444
15	237	178	1,040	545	---	---	586	432	6,870	948	610	446
16	261	183	2,240	516	---	---	443	331	7,180	755	808	450
17	262	201	3,940	593	982	636	---	---	8,850	826	618	424
18	256	206	2,840	595	1,260	609	---	---	6,330	1,140	455	364
19	258	221	2,950	602	1,370	578	499	390	7,270	1,170	366	317
20	277	223	3,530	632	1,050	548	506	375	9,840	1,320	349	280
21	290	252	3,300	641	2,260	629	586	389	10,800	1,220	345	291
22	303	260	4,140	622	5,930	598	639	397	9,880	1,140	354	300
23	332	260	5,370	627	6,030	717	777	411	9,080	1,200	387	309
24	325	241	8,870	683	4,120	618	550	427	10,200	1,280	361	299
25	317	238	9,630	578	3,650	597	765	451	9,400	976	365	313
26	333	260	679	421	6,640	609	941	445	5,100	819	366	302
27	350	275	594	435	773	600	1,180	444	7,430	819	376	302
28	366	289	705	357	939	597	736	449	2,100	569	358	305
29	395	299	449	316	1,200	579	819	481	---	---	350	294
30	416	305	427	336	1,770	527	1,980	551	---	---	376	317
31	419	322	---	---	2,140	507	1,020	505	---	---	388	313
MONTH	419	101	9,630	316	---	---	---	---	12,100	498	2,820	280
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	470	323	8,590	746	9,940	2,260	303	219	469	357	313	269
2	528	323	4,360	737	10,100	1,690	330	212	483	375	329	267
3	484	325	4,310	655	12,600	1,750	265	195	500	395	330	251
4	523	348	4,010	647	10,600	1,060	225	180	519	411	318	249
5	568	386	1,880	553	11,200	892	255	197	596	430	330	251
6	601	388	879	432	9,870	858	281	203	649	447	309	233
7	769	389	648	422	9,440	721	306	231	655	489	285	228
8	1,280	406	805	381	6,010	594	362	265	527	371	301	230
9	905	421	1,000	377	4,810	523	466	302	405	246	333	265
10	1,810	424	1,770	379	3,810	498	527	245	274	189	354	279
11	4,390	455	1,450	399	11,200	479	301	219	273	191	373	289
12	6,290	505	3,190	417	2,410	486	260	127	304	225	402	306
13	5,670	583	3,470	439	576	403	129	103	295	229	508	348
14	6,850	554	6,240	500	408	232	189	121	297	253	1,920	378
15	3,310	599	5,110	664	268	206	193	172	292	172	2,150	389
16	4,160	721	5,100	751	281	209	209	178	181	136	4,390	455
17	6,350	1,060	5,370	820	288	207	220	190	209	164	3,460	450
18	7,460	1,270	6,160	827	337	245	231	196	265	188	4,290	478
19	9,990	1,200	6,770	883	372	293	250	206	273	214	3,660	500
20	10,400	1,500	8,500	1,110	486	326	289	213	273	210	2,470	510
21	11,800	2,240	9,490	1,200	932	346	314	232	272	205	9,120	589
22	12,400	2,430	10,600	1,140	1,720	366	324	253	292	224	17,800	2,590
23	15,500	3,770	12,500	1,310	613	318	354	264	380	256	11,100	2,070
24	10,900	1,240	16,200	1,390	438	252	388	294	367	279	7,830	1,160
25	13,800	976	16,700	1,950	378	249	388	264	345	287	6,720	1,130
26	17,500	1,830	17,400	1,900	415	299	362	262	417	309	6,310	1,440
27	8,020	882	18,500	2,200	481	325	384	258	467	368	7,230	1,610
28	5,440	696	16,700	2,740	534	348	400	304	514	306	10,100	1,980
29	8,710	713	13,100	3,020	567	376	435	333	331	251	11,000	2,160
30	9,180	738	14,200	3,000	472	283	427	346	294	250	9,980	1,500
31	---	---	12,000	4,010	---	---	464	343	306	266	---	---
MONTH	17,500	323	18,500	377	12,600	206	527	103	655	136	17,800	228

02310050 ANCLOTE RIVER AT PERRINE ROAD NEAR ELFERS, FL—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	120	101	419	333	433	345	1,720	519	1,380	495	782	426
2	126	111	439	349	446	336	2,130	525	1,640	497	609	403
3	129	120	455	355	450	359	1,800	541	3,810	492	526	382
4	137	124	493	379	480	378	2,030	583	1,540	526	554	373
5	145	129	503	399	484	393	3,100	568	3,780	504	578	393
6	158	138	556	434	498	431	4,010	553	8,870	567	632	402
7	160	145	574	486	527	402	4,670	564	9,150	691	1,840	412
8	168	150	584	511	512	409	4,980	591	10,200	853	2,950	482
9	176	155	587	503	690	409	5,590	623	11,700	971	856	400
10	179	164	741	515	747	440	6,250	662	12,200	1,130	651	433
11	193	172	1,830	546	877	455	8,020	747	4,840	699	1,160	462
12	207	184	2,940	598	596	439	10,700	867	4,580	761	730	432
13	206	182	5,980	654	939	485	11,500	1,060	9,230	786	981	444
14	226	179	1,710	533	1,360	509	12,200	559	8,010	1,120	693	437
15	250	179	1,080	538	632	492	646	434	7,610	980	603	430
16	256	188	2,460	586	734	539	451	331	8,520	769	832	437
17	249	204	4,260	611	1,040	644	425	317	11,100	894	609	421
18	261	210	3,060	608	1,360	641	463	340	8,000	804	452	361
19	259	223	3,040	621	1,490	623	479	373	9,790	725	392	319
20	289	233	3,780	644	1,100	598	512	377	10,500	897	350	277
21	293	253	3,460	660	2,530	625	603	390	11,000	1,150	355	286
22	301	263	4,580	645	7,070	613	678	401	10,100	1,180	352	297
23	329	261	5,490	653	7,070	730	830	408	9,400	1,130	386	307
24	326	244	9,000	708	4,660	621	573	404	10,400	1,300	359	296
25	324	239	9,990	599	3,690	574	811	444	9,700	962	360	307
26	334	261	746	449	6,910	600	952	439	5,480	811	370	301
27	354	277	623	454	793	547	1,250	440	7,680	812	376	294
28	369	291	725	389	973	548	751	437	2,320	569	372	300
29	399	303	470	334	1,210	543	838	469	---	---	355	287
30	424	312	443	354	1,850	514	2,110	550	---	---	374	311
31	426	324	---	---	2,280	513	1,030	493	---	---	395	311
MONTH	426	101	9,990	333	7,070	336	12,200	317	12,200	492	2,950	277
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	449	319	9,940	782	13,100	2,450	319	231	466	351	313	266
2	523	322	4,780	757	12,000	1,740	295	226	475	368	318	261
3	487	326	4,910	689	13,500	1,750	263	206	494	388	325	245
4	520	347	4,530	663	11,800	1,030	229	194	509	403	311	248
5	566	372	2,010	568	12,500	874	281	205	584	421	321	243
6	601	378	926	448	11,600	831	285	209	633	438	301	223
7	756	385	677	438	11,100	707	309	240	644	478	304	229
8	1,420	397	848	399	7,400	571	369	271	517	367	319	240
9	967	412	1,050	391	5,210	500	481	310	396	248	353	279
10	2,010	415	1,830	395	4,380	470	538	251	279	195	373	295
11	4,980	445	1,480	415	13,200	459	332	226	276	185	391	306
12	6,720	503	3,250	440	2,910	459	276	133	323	226	429	322
13	7,000	582	3,310	492	599	379	136	110	293	226	530	369
14	7,940	559	7,720	530	379	204	203	127	312	250	2,240	396
15	3,530	562	6,620	720	241	178	202	174	292	169	2,510	407
16	5,100	576	7,020	842	257	181	212	183	180	131	4,890	475
17	7,530	677	5,800	934	256	182	225	199	218	171	3,920	475
18	9,050	810	6,590	933	292	217	262	200	260	183	4,610	499
19	10,500	1,110	7,080	896	342	268	281	213	267	209	4,030	531
20	11,200	1,530	9,000	1,130	444	292	296	223	276	210	2,700	534
21	12,300	2,340	9,920	1,200	898	311	316	233	269	200	11,100	601
22	12,800	2,500	11,000	1,150	1,690	341	331	253	292	218	18,800	3,010
23	15,700	4,040	12,700	1,260	564	295	362	272	372	248	12,200	2,310
24	11,700	1,810	16,400	1,390	439	267	390	297	362	268	9,580	1,320
25	14,400	1,880	17,100	2,080	385	261	396	267	353	276	11,800	1,390
26	17,600	1,880	18,100	1,900	419	308	379	268	412	301	13,200	1,610
27	8,630	917	19,000	2,210	522	341	374	264	457	358	12,200	1,810
28	5,990	807	17,700	2,900	544	361	396	298	498	305	12,300	2,220
29	9,940	762	16,400	3,170	584	387	431	326	346	248	12,700	2,350
30	11,000	763	16,300	3,140	479	299	432	339	303	245	10,900	1,600
31	---	---	13,600	4,140	---	---	459	340	319	260	---	---
MONTH	17,600	319	19,000	391	13,500	178	538	110	644	131	18,800	223
YEAR	19,000	101										

02310050 ANCLOTE RIVER AT PERRINE ROAD NEAR ELFERS, FL—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	26.5	26.1	24.0	23.3	20.2	19.3	17.6	16.6	17.8	16.5	21.2	19.4
2	26.7	26.1	24.8	23.5	20.6	19.3	18.2	16.9	18.1	17.0	20.1	18.1
3	27.0	26.1	24.9	23.9	20.0	19.1	18.5	17.3	19.1	17.4	18.3	16.4
4	26.9	26.1	25.4	23.8	19.3	18.3	18.9	17.8	18.4	17.3	19.4	15.5
5	26.7	25.9	24.6	23.4	18.7	17.7	19.6	18.1	17.5	16.3	19.8	15.3
6	26.6	25.5	23.4	22.4	19.0	18.1	19.5	18.4	17.7	16.3	19.3	15.3
7	26.1	24.9	22.9	21.9	19.4	18.1	19.8	18.8	18.1	17.0	18.6	16.4
8	25.5	24.2	22.1	20.8	19.9	18.4	20.4	19.2	18.8	17.4	19.1	17.9
9	25.2	23.8	21.6	20.2	20.3	19.1	20.8	19.6	19.1	17.8	18.6	16.8
10	25.1	24.0	21.4	19.6	20.9	20.1	21.1	20.1	19.4	18.2	18.1	16.2
11	24.6	24.3	21.8	20.2	20.7	19.7	21.4	20.4	18.3	16.9	18.6	17.0
12	25.1	24.0	22.1	20.7	19.7	18.9	21.4	20.2	17.6	16.3	19.2	17.5
13	24.9	23.5	22.6	21.3	19.6	18.3	21.9	20.7	17.9	16.3	20.1	17.7
14	24.8	23.7	22.6	21.0	19.2	17.1	21.9	19.9	18.6	16.8	19.8	18.7
15	24.1	22.9	22.3	21.2	---	---	20.0	19.0	19.5	17.8	19.8	18.9
16	23.3	21.9	22.2	21.0	---	---	19.0	17.1	20.7	18.3	20.1	19.3
17	22.7	20.7	21.7	20.7	15.9	15.0	---	---	20.4	18.7	20.1	19.8
18	22.4	20.8	21.3	20.6	16.4	15.5	---	---	---	---	21.4	19.7
19	23.0	21.6	21.5	20.5	16.3	15.8	---	---	---	---	20.4	17.7
20	23.8	22.4	21.7	20.7	15.9	14.6	14.4	13.0	20.1	17.9	19.6	17.0
21	25.2	23.5	21.8	20.5	15.3	13.8	15.6	13.5	20.2	18.4	18.5	16.6
22	25.3	24.1	22.0	20.4	16.1	14.2	15.4	14.3	21.4	19.5	20.1	17.5
23	24.7	23.8	22.1	20.6	16.8	15.7	15.6	14.6	22.1	20.6	19.9	19.4
24	24.1	22.8	22.7	20.9	16.8	15.9	14.6	13.7	21.8	21.0	21.4	19.5
25	24.2	22.5	22.8	21.1	16.0	15.1	---	---	21.5	20.4	22.2	21.0
26	23.6	22.4	21.4	20.2	15.4	14.4	15.4	14.3	20.8	19.9	22.5	21.4
27	23.6	22.5	20.4	19.7	14.9	13.6	16.4	15.1	20.8	19.7	23.3	21.9
28	23.6	22.6	20.6	19.1	15.3	14.1	16.1	15.5	21.3	19.7	23.9	22.5
29	23.7	22.6	20.3	18.1	15.9	14.7	16.6	15.6	---	---	23.4	21.8
30	23.9	22.8	20.2	18.7	16.6	15.4	17.5	16.3	---	---	23.7	21.3
31	24.1	23.0	---	---	17.0	16.0	17.6	16.5	---	---	24.0	21.2
MONTH	27.0	20.7	25.4	18.1	---	---	---	---	---	---	24.0	15.3
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.1	21.0	23.8	22.0	28.3	26.9	27.7	26.4	30.3	27.6	27.7	27.2
2	22.8	21.8	24.4	22.1	27.9	26.5	27.7	26.3	30.8	27.6	27.9	26.9
3	24.9	20.5	25.2	22.6	28.1	26.5	28.1	26.6	29.9	27.5	28.3	26.5
4	23.3	20.6	24.7	23.0	27.5	25.7	28.9	26.7	30.0	27.6	28.1	26.6
5	22.6	20.2	23.4	22.3	27.9	25.7	29.1	26.8	30.1	28.0	28.1	26.0
6	23.3	20.5	23.5	22.1	28.7	25.9	29.5	27.2	30.6	28.0	27.9	25.9
7	23.0	21.1	23.8	21.7	29.7	26.4	29.4	27.6	28.7	26.8	27.2	25.9
8	23.0	21.1	24.5	21.7	28.8	26.2	29.6	27.6	28.9	26.4	27.5	25.8
9	23.4	21.2	24.5	21.8	28.1	25.9	27.7	26.4	28.4	26.5	28.3	26.0
10	24.0	21.6	24.9	22.1	27.0	25.5	26.5	25.8	28.9	26.3	28.5	26.5
11	24.4	21.3	25.3	22.5	28.2	25.4	27.7	25.6	29.1	26.3	27.9	26.9
12	24.7	22.5	25.7	23.0	27.8	26.0	27.7	25.8	28.5	27.4	27.7	27.1
13	25.3	23.1	26.4	23.5	28.5	25.6	26.6	25.8	28.7	27.2	28.3	27.3
14	25.1	22.6	26.9	23.3	28.4	26.1	27.3	26.1	27.9	26.8	28.5	27.0
15	23.8	21.7	27.1	24.0	28.3	26.0	27.7	26.3	27.5	25.8	28.3	26.7
16	23.6	21.0	27.2	24.3	27.9	26.6	27.9	26.3	27.7	25.5	28.6	26.4
17	---	---	26.7	24.5	28.5	27.3	28.1	26.2	27.7	26.7	28.7	26.1
18	---	---	27.4	24.7	29.0	27.1	28.2	26.6	28.9	27.2	29.0	26.4
19	23.6	20.9	27.8	25.0	28.8	26.9	28.2	27.0	28.8	27.6	29.2	26.8
20	24.1	21.6	28.4	25.5	---	---	28.9	27.2	28.8	27.4	28.4	27.0
21	24.6	22.0	28.5	26.2	28.1	26.3	29.0	27.2	29.0	27.0	29.2	27.2
22	25.0	22.4	28.6	26.0	28.1	25.0	29.2	27.5	28.2	27.2	29.3	27.4
23	24.6	22.6	29.0	26.2	26.6	24.6	29.5	27.6	28.1	27.0	28.0	27.3
24	24.0	21.6	28.2	26.4	27.8	25.2	30.3	27.7	30.0	27.1	28.5	27.3
25	23.6	21.2	28.8	26.3	27.0	24.9	30.1	26.8	29.4	27.8	28.7	27.5
26	22.9	21.0	28.4	26.1	28.2	25.5	29.9	27.3	28.6	27.5	28.9	27.6
27	22.9	20.8	28.9	26.1	27.4	26.4	30.3	27.9	28.4	27.9	29.2	27.8
28	23.5	20.5	29.5	26.5	27.6	26.1	29.9	28.4	28.4	27.4	29.2	27.7
29	---	---	30.2	26.8	27.2	26.5	29.3	28.5	28.1	27.1	29.3	27.2
30	24.8	21.8	30.1	27.2	27.3	26.2	28.9	28.1	28.4	27.1	29.0	27.0
31	---	---	28.8	27.9	---	---	29.5	27.6	28.8	27.2	---	---
MONTH	---	---	30.2	21.7	---	---	30.3	25.6	30.8	25.5	29.3	25.8

02310050 ANCLOTE RIVER AT PERRINE ROAD NEAR ELFERS, FL—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	26.5	26.1	24.0	23.2	20.0	19.3	17.6	16.6	17.7	16.5	20.5	19.4
2	26.7	26.1	24.6	23.5	20.2	19.3	18.1	16.9	17.6	17.0	19.5	18.2
3	26.9	26.1	24.5	23.9	20.0	19.1	18.4	17.3	18.6	17.4	18.3	16.4
4	26.9	26.0	24.8	23.7	19.3	18.3	18.6	17.8	18.3	17.3	17.1	15.5
5	26.7	25.9	24.6	23.4	18.6	17.7	19.3	18.1	17.4	16.2	17.7	15.3
6	26.5	25.5	23.4	22.4	19.0	18.1	19.4	18.5	17.9	16.3	17.8	15.7
7	26.1	24.9	22.6	21.8	19.3	18.1	19.8	18.8	18.1	17.0	18.7	16.4
8	25.5	24.2	22.1	20.8	19.7	18.4	20.4	19.2	18.7	17.4	19.1	17.8
9	25.1	23.7	21.5	20.2	20.3	19.1	20.7	19.6	19.1	17.7	18.5	16.8
10	25.1	24.0	21.3	19.9	20.9	20.1	21.0	20.1	19.3	18.2	18.1	16.2
11	24.6	24.2	21.7	20.2	20.7	19.7	21.4	20.4	18.3	16.9	18.6	17.0
12	25.0	23.9	22.1	20.7	19.7	18.9	21.4	20.2	17.6	16.3	19.2	17.5
13	24.9	23.5	22.6	21.2	19.3	18.2	21.8	20.6	17.8	16.3	20.0	17.7
14	24.9	23.6	22.0	21.1	19.1	17.3	21.9	19.9	18.4	16.7	19.7	18.7
15	24.0	23.0	22.0	21.1	17.3	15.5	19.9	19.0	19.2	17.7	19.8	18.8
16	23.0	21.9	21.9	21.0	15.6	14.6	19.0	17.1	19.5	18.2	20.0	19.3
17	22.0	20.6	21.7	20.6	15.8	15.2	17.1	15.5	19.5	18.7	20.1	19.8
18	21.9	20.7	21.3	20.5	16.4	15.5	15.6	14.0	19.4	17.9	20.9	19.6
19	22.7	21.5	21.5	20.5	16.3	15.7	14.3	13.5	19.3	17.2	19.8	18.1
20	23.7	22.4	21.7	20.7	15.9	14.6	14.4	13.1	19.6	17.7	19.0	17.1
21	25.2	23.5	21.7	20.5	15.1	13.9	15.3	13.5	20.1	18.4	18.5	16.6
22	25.3	24.1	21.9	20.4	16.1	14.3	15.4	14.2	21.1	19.5	19.9	17.5
23	24.7	23.7	22.0	20.6	16.8	15.7	15.5	14.6	22.0	20.6	19.9	19.4
24	24.1	22.8	22.7	20.8	16.8	15.9	14.6	13.7	21.7	21.0	21.3	19.4
25	23.8	22.5	22.8	21.1	16.0	15.0	15.1	13.5	21.5	20.4	22.2	20.9
26	23.5	22.4	21.1	20.3	15.4	14.4	15.4	14.2	20.8	19.8	22.4	21.1
27	23.6	22.5	20.4	19.7	15.1	13.9	16.3	15.1	20.7	19.7	23.2	21.8
28	23.6	22.6	20.3	19.1	15.4	14.0	16.1	15.5	21.1	19.6	23.8	22.5
29	23.7	22.6	19.3	18.1	15.8	14.6	16.6	15.6	---	---	23.2	21.7
30	23.9	22.8	19.7	18.7	16.5	15.4	17.5	16.3	---	---	23.1	21.1
31	24.0	23.0	---	---	17.0	15.9	17.5	16.5	---	---	23.3	21.1
MONTH	26.9	20.6	24.8	18.1	20.9	13.9	21.9	13.1	22.0	16.2	23.8	15.3
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	23.6	21.0	23.8	22.0	28.9	27.0	27.7	26.4	29.0	27.5	27.7	27.2
2	22.8	21.7	24.2	22.0	27.9	26.6	27.7	26.2	29.2	27.6	27.8	26.9
3	22.2	20.9	24.8	22.7	27.9	26.5	28.0	26.6	29.5	27.5	28.2	26.5
4	22.5	20.4	24.7	23.0	27.4	25.7	28.6	26.6	29.9	27.6	28.0	26.5
5	22.5	20.2	23.3	22.3	27.7	25.8	28.7	26.8	30.0	27.9	27.4	26.0
6	23.0	20.5	23.5	22.1	28.2	25.9	28.8	27.1	30.4	28.0	27.3	25.8
7	22.9	21.0	23.7	21.7	28.8	26.4	28.9	27.6	28.7	26.8	27.0	25.9
8	23.0	21.0	24.1	21.6	28.5	26.2	28.8	27.5	28.3	26.4	26.7	25.8
9	23.1	21.1	24.4	21.8	28.1	25.9	27.7	26.3	27.5	26.5	27.4	26.0
10	23.9	21.6	24.9	22.1	27.0	25.5	26.5	25.8	28.0	26.2	27.8	26.5
11	24.3	21.9	25.3	22.4	27.5	25.4	27.3	25.5	28.3	26.3	27.7	26.8
12	24.7	22.5	25.6	23.0	27.1	26.0	27.7	25.8	28.3	27.3	27.7	27.1
13	24.5	23.1	26.1	23.5	26.7	25.6	26.6	25.8	28.4	27.2	28.1	27.3
14	24.6	22.7	25.8	23.5	27.3	26.1	27.2	26.0	27.8	26.8	28.4	27.0
15	23.7	21.7	25.9	24.0	28.0	25.9	27.7	26.2	27.5	25.7	28.3	26.7
16	23.0	20.9	26.1	24.3	27.8	26.5	27.9	26.3	27.7	25.4	28.5	26.4
17	22.9	20.5	26.6	24.5	28.5	27.3	28.1	26.2	27.6	26.7	28.7	26.1
18	22.9	20.3	26.8	24.7	28.1	27.1	28.1	26.6	28.6	27.2	28.9	26.4
19	23.3	20.9	27.3	25.0	28.3	26.8	28.2	26.9	28.7	27.6	29.3	26.8
20	23.9	21.6	28.0	25.5	28.3	26.6	28.8	27.2	28.7	27.4	28.4	27.0
21	24.4	22.0	28.0	26.2	28.0	26.4	28.8	27.2	28.6	27.0	29.3	27.1
22	24.7	22.4	28.5	26.0	28.0	24.9	29.2	27.5	28.1	27.2	29.3	27.4
23	24.6	22.9	28.8	26.2	26.2	24.6	28.6	27.6	27.8	27.0	28.0	27.2
24	23.7	21.6	28.2	26.4	26.9	25.1	29.1	27.7	28.8	27.0	28.4	27.3
25	23.6	21.1	28.7	26.4	26.2	24.8	28.9	26.8	28.6	27.7	28.7	27.7
26	22.9	21.0	28.3	26.2	27.4	25.4	28.9	27.2	28.7	27.5	28.9	28.2
27	22.7	20.7	28.7	26.1	27.1	26.4	29.2	27.8	28.4	27.9	29.0	28.1
28	23.5	20.5	29.3	26.5	27.4	26.1	29.3	28.3	28.4	27.4	28.9	27.8
29	23.7	21.2	29.1	26.9	27.0	26.5	29.1	28.5	27.9	27.1	28.8	27.5
30	24.1	21.8	29.6	27.2	27.2	26.1	28.8	28.1	28.3	27.1	29.0	27.0
31	---	---	28.9	27.9	---	---	28.5	27.6	28.3	27.2	---	---
MONTH	24.7	20.2	29.6	21.6	28.9	24.6	29.3	25.5	30.4	25.4	29.3	25.8
YEAR	30.4	13.1										

02310147 HOLLIN CREEK NEAR TARPON SPRINGS, FL.

LOCATION.--Lat 28° 09'44", long 82° 42'38" (1927 North American datum), in SW$^{1}/_{4}$ sec.4, T.27 S., R.16 E., Pinellas County, Hydrologic Unit 03100207, 10 ft upstream from twin box culverts on abandoned railroad grade, 700 ft northeast of County Road 77, 0.8 mi upstream from mouth, and 3.0 mi northeast of Tarpon Springs.

DRAINAGE AREA.--8.31 mi^2, revised.

PERIOD OF RECORD.--June 1981 to current year. Prior to October 1984, mean daily discharges published in U. S. Geological Survey Open-File Report 86-55.

GAGE.--Water-stage recorder. Datum of gage is 7.06 ft below National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Stage-discharge relation affected by tide on some days.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e26	0.79	3.8	e1.9	e2.1	4.4	2.2	2.6	3.6	e27	5.8	3.5
2	e24	0.74	3.4	e1.8	e2.1	3.8	2.3	2.5	1.8	e26	5.4	3.2
3	e22	0.66	3.2	e1.6	e2.1	3.3	2.2	2.1	1.5	e20	4.9	2.9
4	e21	0.58	2.9	e1.6	2.1	3.1	1.9	3.1	1.6	e17	4.5	2.5
5	e19	0.44	2.6	e1.6	2.0	2.7	1.6	3.9	1.5	e13	4.4	2.1
6	18	0.36	2.5	e1.5	2.0	2.4	1.4	3.7	1.3	e11	4.0	1.9
7	15	0.26	e2.4	e1.5	1.9	2.3	1.3	3.0	1.1	e8.8	4.5	1.7
8	12	0.22	e2.3	e1.5	1.9	2.0	1.2	2.4	1.0	e13	4.4	1.6
9	9.9	0.25	e2.2	e1.3	2.4	2.1	1.1	1.9	1.0	e17	4.4	1.5
10	8.1	0.18	e2.5	e1.2	2.6	2.5	0.97	1.5	1.2	e28	4.1	1.4
11	7.5	0.22	e2.2	e1.5	1.6	2.3	0.84	1.2	6.1	e29	3.7	1.2
12	7.1	0.91	e1.8	e1.6	1.5	2.1	0.82	1.0	5.2	e43	3.3	1.1
13	6.3	3.2	e1.7	e1.6	1.4	1.9	0.83	0.87	5.9	e69	2.9	1.2
14	5.5	1.5	e1.7	e8.2	1.4	2.2	0.77	0.76	5.0	e59	2.7	1.4
15	5.0	1.5	e1.5	e6.2	1.3	2.5	0.69	0.68	3.7	e50	2.4	1.1
16	4.4	1.7	e1.4	e5.9	1.3	2.5	0.59	0.68	2.8	e41	2.1	1.6
17	3.6	1.5	e1.4	e6.1	1.3	6.9	0.58	0.79	2.2	e32	3.4	0.88
18	3.1	1.2	e1.5	e5.3	1.3	7.6	0.56	0.92	1.8	e26	3.6	0.85
19	2.7	1.2	e1.5	e4.8	1.2	6.8	0.58	0.78	1.4	e22	2.9	0.94
20	2.5	1.4	e1.2	e4.4	1.2	5.7	0.53	0.68	1.2	e19	2.6	0.85
21	2.6	1.4	e1.2	e3.9	1.2	4.9	0.53	0.60	1.1	e17	2.4	1.2
22	2.5	1.3	e1.2	e3.4	1.1	4.3	0.51	0.53	2.3	e14	2.6	8.7
23	1.9	1.1	e1.2	e3.1	1.1	4.7	0.64	0.50	16	e12	4.2	2.4
24	1.9	1.4	e1.2	e2.8	1.1	4.9	0.81	0.53	40	e11	4.3	1.0
25	1.7	6.7	e2.3	e2.7	1.5	5.0	0.67	0.52	e30	e9.9	4.1	0.83
26	1.6	3.6	e2.8	e2.6	1.7	5.1	2.9	0.44	e20	e8.4	3.7	0.72
27	1.4	3.8	e2.3	e2.4	4.4	4.6	5.4	0.40	e14	7.0	3.7	0.63
28	1.2	6.2	e2.3	e2.3	4.8	4.1	2.6	0.37	e13	6.3	9.7	0.53
29	1.1	4.8	e2.3	e2.3	---	3.4	2.5	0.36	e26	6.7	3.7	0.52
30	0.96	4.3	e2.3	e2.2	---	2.9	2.1	0.37	e30	6.3	3.2	0.45
31	0.88	---	e2.1	e2.1	---	2.5	---	1.2	---	6.2	3.6	---
TOTAL	240.44	53.41	64.9	90.9	51.6	115.5	41.62	40.88	243.3	675.6	121.2	50.40
MEAN	7.76	1.78	2.09	2.93	1.84	3.73	1.39	1.32	8.11	21.8	3.91	1.68
MAX	26	6.7	3.8	8.2	4.8	7.6	5.4	3.9	40	69	9.7	8.7
MIN	0.88	0.18	1.2	1.2	1.1	1.9	0.51	0.36	1.0	6.2	2.1	0.45
CFSM	1.75	0.40	0.47	0.66	0.42	0.84	0.31	0.30	1.83	4.92	0.88	0.38
IN.	2.02	0.45	0.54	0.76	0.43	0.97	0.35	0.34	2.04	5.67	1.02	0.42

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2005, BY WATER YEAR (WY)

MEAN	5.48	2.28	5.29	3.98	5.43	5.67	2.60	0.80	2.95	5.69	8.33	11.4
MAX	40.3	15.4	52.9	23.6	51.6	43.9	10.7	3.00	34.4	21.8	37.0	70.2
(WY)	(1996)	(1998)	(1998)	(1998)	(1998)	(1998)	(1993)	(1991)	(2003)	(2005)	(1991)	(2004)
MIN	0.14	0.17	0.29	0.14	0.36	0.39	0.24	0.08	0.11	0.24	0.63	1.05
(WY)	(1982)	(1982)	(1983)	(1985)	(1985)	(1997)	(1985)	(1985)	(2000)	(1988)	(1997)	(1990)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1982 - 2005	
ANNUAL TOTAL	4,618.06		1,789.75			
ANNUAL MEAN	12.6		4.90		4.99	
HIGHEST ANNUAL MEAN					20.0	1998
LOWEST ANNUAL MEAN					1.04	1990
HIGHEST DAILY MEAN	235	Sep 7	e69	Jul 13	313	Sep 9, 1988
LOWEST DAILY MEAN	0.18	Jul 11	0.18	Nov 10	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.21	Jul 9	0.28	Nov 5	0.00	May 19, 1982
MAXIMUM PEAK FLOW					370	Sep 9, 1988
MAXIMUM PEAK STAGE					15.90	Sep 9, 1988
ANNUAL RUNOFF (CFSM)	2.85		1.11		1.13	
ANNUAL RUNOFF (INCHES)	38.78		15.03		15.29	
10 PERCENT EXCEEDS	36		12		11	
50 PERCENT EXCEEDS	2.3		2.3		1.1	
90 PERCENT EXCEEDS	0.45		0.71		0.26	

e Estimated

02310175 ANCLOTE RIVER AT ALT U. S. 19 AT TARPON SPRINGS, FL.

LOCATION.--Lat 28° 09'27", long 82° 45'24" (1927 North American datum), in NE$^{1}/_{4}$ sec.12, T.27 S., R.15 E., Pinellas County, Hydrologic Unit 03100207, on right seawall at Alternate Highway 19 bridge, 0.9 mi north of Tarpon Springs, and 3.4 mi upstream from mouth.

GAGE-HEIGHT RECORDS

DRAINAGE AREA.--81.2 mi^2.

PERIOD OF RECORD.--January 1984 to June 1986 (gage heights only); November 2003 to current year (tidal high-high and low-low only). Records prior to November 2003 available in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Nov. 15, 2003, at datum 10.00 ft lower.

REMARKS.--Interruptions in record were due to days in which tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 4.03 ft July 10, 2005; minimum, 3.11 ft below NGVD of 1929, Dec. 15, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 4.03 ft July 10; minimum, 3.11 ft below NGVD of 1929, Dec. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	---	---	---	---	---	---	---	---	0.80	-0.83			1.38	-0.60			1.59	-0.91			1.92	-0.64		
2	---	---	---	---	---	---	---	---	0.73	-0.97			1.67	-0.94			1.54	-1.19			1.75	-0.87		
3	---	---	---	---	---	---	---	---	1.63	-0.73			1.88	-1.09			1.81	-1.46			2.01	-1.22		
4	---	---	---	---	---	---	---	---	2.12	-0.39			2.31	-1.00			2.16	-1.73			2.33	-0.97		
5	---	---	---	---	---	---	---	---	1.91	-0.49			2.27	-0.97			1.27	-1.30			1.67	-0.87		
6	---	---	---	---	---	---	---	---	1.19	-1.24			1.63	-1.18			2.30	-1.17			2.56	-0.74		
7	---	---	---	---	---	---	---	---	1.77	-1.71			---	-2.32			2.84	-0.97			2.18	-1.01		
8	---	---	---	---	---	---	---	---	1.95	-1.32			1.29	-1.57			1.31	-2.30			2.11	-1.21		
9	---	---	---	---	---	---	---	---	1.35	-1.34			2.21	-0.85			1.47	-1.39			1.86	-0.96		
10	---	---	---	---	---	---	---	---	2.49	-0.39			2.97	-1.36			1.61	-0.81			2.15	-1.59		
11	---	---	---	---	---	---	---	---	2.71	-0.87			1.15	-1.96			1.75	-0.73			1.72	-1.19		
12	---	---	---	---	---	---	---	---	1.95	-1.15			1.33	-1.08			1.82	-0.02			1.99	-0.03		
13	---	---	---	---	---	---	---	---	1.83	-0.83			1.47	-0.84			1.69	-0.72			2.05	-1.01		
14	---	---	---	---	---	---	---	---	2.42	-0.02			1.63	-0.57			2.36	-0.74			2.06	-1.10		
15	---	---	---	---	2.19	-0.12			1.16	-1.14			1.64	-0.09			1.92	-0.66			2.21	-1.02		
16	---	---	---	---	2.26	-0.14			1.58	-0.45			1.73	-0.62			1.48	-1.47			2.33	-0.69		
17	---	---	---	---	1.74	-0.25			2.30	-0.03			2.51	-1.07			1.71	-1.71			1.99	-0.70		
18	---	---	---	---	2.47	0.38			1.80	-0.85			2.60	-0.49			1.18	-2.10			2.19	-1.16		
19	---	---	---	---	2.90	0.59			1.74	-0.75			2.38	-1.07			1.09	-1.84			1.58	-1.03		
20	---	---	---	---	1.83	-0.68			1.38	-1.12			2.02	-1.73			2.31	-1.14			1.97	-0.91		
21	---	---	---	---	2.17	-0.56			1.79	-1.93			1.19	-1.82			2.63	-0.83			2.12	-0.71		
22	---	---	---	---	2.50	-1.10			2.25	-1.93			2.31	-1.66			2.50	-0.75			2.31	-1.44		
23	---	---	---	---	2.88	-1.13			1.36	-1.60			2.23	-1.56			1.95	-0.74			1.19	-1.55		
24	---	---	---	---	2.09	-1.03			2.89	-1.27			1.95	-1.34			2.33	-0.34			1.49	-1.20		
25	---	---	---	---	2.99	-1.29			2.46	-1.58			2.02	-0.79			2.51	-0.04			1.97	-1.10		
26	---	---	---	---	2.83	-1.24			1.92	-1.67			2.05	-0.45			2.11	0.65			1.92	-0.88		
27	---	---	---	---	2.63	-0.85			1.53	-1.37			1.95	-0.25			0.90	-0.39			1.90	0.42		
28	---	---	---	---	2.56	-0.78			1.61	-0.77			0.57	-1.03			1.14	-1.72			1.85	-0.66		
29	---	---	---	---	1.39	-1.95			1.67	-0.28			1.43	-1.25			1.36	-1.31			1.49	-0.58		
30	---	---	---	---	0.87	-0.98			1.74	0.05			1.29	-0.56			---	---			1.77	-0.88		
31	---	---	---	---	---	---	---	---	1.47	-0.06			1.05	-0.89			---	---			2.61	-0.44		
MAX	---	---	---	---	---	---	---	---	2.89	0.05			---	-0.09			2.84	0.65			2.61	0.42		
MIN	---	---	---	---	---	---	---	---	0.73	-1.93			---	-2.32			0.90	-2.30			1.19	-1.59		

02310175 ANCLOTE RIVER AT ALT U. S. 19 AT TARPON SPRINGS, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	1.74		-0.84		2.12		-0.35		2.55		-0.99		2.57		-1.47		2.92		-0.71		2.02		-0.56	
2	2.23		-1.00		2.50		-0.25		2.64		-0.98		2.61		-1.55		2.68		-0.70		1.86		-0.70	
3	1.43		-0.83		2.38		-0.97		2.83		-1.39		2.69		-1.36		2.47		-0.46		1.74		-0.63	
4	2.10		-0.64		1.87		-1.57		2.77		-1.38		2.64		-1.21		2.11		-0.06		1.37		-0.76	
5	2.11		-1.02		2.23		-1.61		2.86		-1.09		2.42		-1.04		1.94		0.05		0.67		-1.49	
6	2.23		-1.10		2.50		-1.54		2.63		-1.03		1.92		-0.94		2.19		0.06		3.66		1.97	
7	2.55		-0.96		2.54		-1.43		2.34		0.58		1.76		-0.39		1.65		-0.02		2.71		0.61	
8	2.89		-0.83		2.64		-1.09		2.25		-0.88		1.63		-0.14		1.99		-0.11		2.23		0.31	
9	2.62		-0.85		2.53		0.75		2.10		-0.49		1.34		-0.07		1.77		-0.14		2.04		0.04	
10	2.24		0.64		2.25		-0.98		1.86		-0.10		1.39		-0.51		1.67		-0.40		1.91		-0.50	
11	2.75		-0.97		1.80		-0.67		1.83		0.26		1.68		-0.57		1.98		-0.45		2.18		-0.55	
12	2.65		-0.19		1.88		-0.61		2.00		-0.21		1.72		-0.83		2.50		-0.23		2.31		-0.37	
13	2.30		-0.11		1.65		-0.31		2.09		-0.42		2.00		-0.69		2.43		-1.37		2.26		-0.14	
14	1.10		-1.09		1.55		-0.37		2.37		-0.42		2.09		-0.96		2.48		-0.56		2.50		0.17	
15	1.25		-1.38		1.83		-0.45		2.47		-0.63		2.15		-0.95		2.72		-0.57		3.90		1.34	
16	1.34		-1.15		1.72		-1.04		2.34		-0.91		2.36		-0.96		2.36		-0.55		2.77		0.75	
17	1.39		-0.92		1.98		-1.08		2.49		-0.91		2.63		-0.68		2.31		-0.48		2.28		-0.17	
18	1.62		-1.09		2.15		-1.04		2.20		-1.20		3.04		-0.43		2.24		-0.43		2.41		-0.68	
19	1.99		-1.23		2.44		-0.84		2.28		-1.08		2.86		-0.39		2.08		-0.29		2.38		-0.68	
20	2.04		-1.13		2.47		-0.90		2.30		-1.01		2.19		-0.53		1.96		-0.29		1.99		-0.69	
21	2.33		-0.95		2.38		-0.89		2.23		-0.72		2.00		-0.61		1.97		-0.31		1.71		-1.15	
22	---		---		2.55		-0.64		2.04		-0.87		1.71		-0.48		2.11		-0.45		2.15		-0.42	
23	---		---		2.36		-0.63		1.75		-0.60		1.66		-0.29		2.19		-0.48		2.31		-0.53	
24	2.07		-0.97		2.14		-0.68		1.39		0.23		1.75		-0.10		2.14		-0.74		2.17		-0.61	
25	2.08		-0.65		1.82		0.74		1.40		-0.46		1.93		-0.42		1.93		-0.99		2.35		-0.73	
26	1.86		0.78		1.51		-0.71		1.45		-0.34		1.95		-0.65		2.30		-0.94		3.68		-0.49	
27	1.26		-0.30		1.35		-0.51		1.75		-0.43		2.16		-0.91		2.46		-1.00		3.08		0.87	
28	1.41		-0.84		1.63		-0.28		1.73		-0.99		2.17		-1.13		2.53		-0.95		2.31		0.04	
29	---		---		1.66		-0.30		2.03		-1.24		2.37		-1.16		2.65		-0.71		2.24		-0.30	
30	1.63		-0.86		2.18		-0.46		2.34		-1.33		2.74		-0.94		2.57		-0.66		2.38		-0.47	
31	---		---		2.26		-0.88		---		---		2.98		-0.91		2.39		-0.44		---		---	
MAX	---		---		2.64		0.75		2.86		0.58		3.04		-0.07		2.92		0.06		3.90		1.97	
MIN	---		---		1.35		-1.61		1.39		-1.39		1.34		-1.55		1.65		-1.37		0.67		-1.49	

02310175 ANCLOTE RIVER AT ALT U. S. 19 AT TARPON SPRINGS, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	2.61		-0.44		2.62		-0.35		2.03		-0.96		1.41		-1.04		2.25		0.11		1.54		-0.56	
2	2.25		-0.56		2.58		0.06		1.59		-0.73		1.50		-0.59		1.94		-0.45		1.18		-0.47	
3	2.16		-0.67		2.36		-0.13		1.63		-0.96		1.37		-0.66		2.39		-0.62		1.21		-1.20	
4	2.19		-0.21		2.11		0.06		1.32		-0.70		1.41		-0.49		1.41		-0.95		1.36		-1.18	
5	1.89		-0.15		2.37		-0.55		1.23		-0.81		1.73		-0.72		1.83		-1.50		1.50		-1.41	
6	1.72		-0.36		1.13		-0.57		1.60		-0.29		1.89		-1.14		2.62		-1.72		1.65		-1.56	
7	1.47		-0.49		1.71		-0.21		2.06		-0.45		2.03		-1.36		3.05		-1.30		2.54		-1.47	
8	1.78		-0.24		1.61		-0.40		1.77		-0.64		2.13		-1.60		2.15		-0.83		2.13		-0.30	
9	2.30		0.15		1.48		-0.77		2.41		-1.28		2.20		-2.00		3.22		-0.76		1.01		-1.56	
10	2.34		0.15		2.10		-1.07		2.62		-1.03		0.90		-1.98		3.32		-0.25		1.90		-1.41	
11	2.62		0.37		2.81		-0.61		1.74		-1.06		2.48		-1.77		2.00		-1.18		2.24		-0.90	
12	2.46		0.05		2.32		-0.48		0.62		-2.24		2.77		-1.37		1.64		-0.80		1.65		-1.13	
13	2.53		0.07		3.41		-0.70		2.17		-1.82		2.81		-0.87		2.30		-0.13		1.88		-0.99	
14	2.52		-0.59		0.78		-1.49		2.46		-1.93		3.01		-0.96		2.13		-0.07		1.69		-1.35	
15	2.87		0.29		1.84		-1.61		0.60		-3.11		0.69		-1.39		1.91		0.43		1.60		-1.18	
16	2.39		-1.04		1.99		-1.31		0.73		-1.95		0.56		-1.05		1.93		-0.48		2.14		0.53	
17	2.51		-1.10		2.23		-0.93		1.17		-1.22		0.75		-1.35		1.94		-0.11		1.85		-0.28	
18	2.47		-0.86		1.99		-0.53		1.25		-0.77		0.79		-1.42		1.27		-1.11		0.85		-0.57	
19	2.68		-0.52		1.80		-0.24		1.50		-0.65		1.49		-1.62		1.35		-1.39		1.01		-1.35	
20	2.46		-0.35		1.88		0.04		0.58		-1.21		1.95		-1.31		1.95		-1.39		1.55		-1.19	
21	2.01		-0.67		1.83		0.12		1.46		-1.18		2.24		-0.81		2.00		-1.18		1.86		-1.01	
22	1.55		-0.72		2.20		-0.16		2.27		-1.28		2.57		-0.83		1.23		-1.20		2.13		-0.61	
23	1.95		-0.51		2.60		-0.30		2.04		-0.59		0.71		-0.67		1.92		-1.18		1.67		-0.61	
24	2.29		-0.15		3.21		-0.24		1.48		-1.25		0.52		-2.06		2.21		-0.86		1.92		-0.62	
25	2.22		-0.11		1.99		0.52		2.29		-1.78		1.81		-1.36		2.14		-1.09		1.83		-0.78	
26	2.17		-0.54		0.99		-1.38		0.66		-1.17		2.28		-0.82		1.77		-1.02		2.07		-0.88	
27	2.26		-0.81		1.87		-1.09		0.37		-2.26		2.37		-0.94		2.64		-0.53		2.35		-0.67	
28	1.98		-0.82		2.92		-0.73		0.94		-2.18		1.97		-1.17		2.25		-0.47		2.46		-0.73	
29	2.62		-0.79		1.80		-1.25		1.27		-1.61		1.61		-0.69		---		---		1.85		-1.28	
30	2.71		-0.63		1.91		-1.12		1.62		-1.51		2.21		0.00		---		---		1.90		-1.24	
31	2.69		-0.61		---		---		1.74		-1.00		1.78		-0.44		---		---		2.17		0.54	
MAX	2.87		0.37		3.41		0.52		2.62		-0.29		3.01		0.00		3.32		0.43		2.54		0.54	
MIN	1.47		-1.10		0.78		-1.61		0.37		-3.11		0.52		-2.06		1.23		-1.72		0.85		-1.56	
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	2.23		-1.35		2.56		-0.91		2.05		-0.09		2.03		-0.66		2.06		-0.85		2.32		-0.64	
2	1.77		-0.55		1.71		-0.52		2.10		-0.40		2.28		-0.72		2.22		-0.92		2.42		-0.49	
3	1.23		-1.64		1.50		-0.84		2.38		-0.37		2.37		-0.83		2.36		-0.87		2.23		-0.61	
4	1.50		-1.50		1.83		-0.54		2.34		-0.77		2.30		-1.01		2.30		-0.97		2.09		-0.37	
5	2.06		-1.30		2.20		-0.54		2.45		-1.05		2.49		-0.90		2.22		-0.89		1.85		-0.38	
6	2.14		-0.85		1.52		-1.25		2.38		-1.04		2.71		-0.66		2.17		-1.00		1.86		-0.35	
7	2.18		-0.54		1.89		-1.31		2.23		-1.22		2.46		-0.76		2.47		-0.83		1.87		-0.44	
8	2.56		-0.68		2.41		-1.01		2.32		-0.98		2.51		-0.87		1.93		-0.58		1.87		-0.41	
9	2.03		-1.13		2.49		-1.09		2.19		-1.05		2.30		0.03		1.76		-0.42		1.97		-0.31	
10	2.20		-1.30		2.46		-1.06		2.00		-0.73		4.03		0.59		1.85		-0.23		2.07		-0.35	
11	2.44		-0.68		2.17		-1.25		2.77		-0.09		2.54		-0.35		1.77		-0.14		1.95		-0.36	
12	2.61		-0.33		2.26		-0.93		2.08		-0.37		1.95		-0.19		1.93		-0.23		1.99		-0.37	
13	2.23		-0.58		2.09		-0.99		1.73		-0.33		1.60		0.13		1.98		-0.46		2.56		-0.40	
14	2.09		0.67		2.07		-0.43		1.58		0.78		1.89		0.10		2.11		-0.49		2.86		-0.38	
15	1.06		-1.26		1.80		1.09		1.40		-0.06		2.19		-0.02		2.26		-0.90		2.74		-0.54	
16	0.88		-1.57		1.56		-0.34		1.73		0.02		2.14		-0.29		2.30		-0.94		3.04		-0.39	
17	0.98		-1.45		1.29		-0.40		2.04		-0.29		2.25		-0.68		2.48		-1.13		2.82		-0.41	
18	1.24		-1.12		1.53		-0.48		2.23		-0.61		2.52		-0.82		2.89		-0.99		2.77		-0.29	
19	1.71		-0.81		1.66		-0.39		2.15		-1.19		2.81		-0.99		2.98		-0.85		2.45		-0.42	
20	1.97		-0.69		2.12		-0.36		2.27		-1.44		2.96		-0.91		2.90		-0.78		1.85		-1.08	
21	2.06		-0.29		2.31		-0.77		2.45		-1.31		3.05		-0.93		2.72		-0.45		2.50		-1.21	
22	2.25		-0.38		2.28		-1.22		2.74		-1.34		2.98		-0.87		2.36		-0.39		3.93		0.40	
23	2.57		-0.07		2.46		-1.37		2.82		-1.18		2.59		-0.90		2.17		-0.29		3.17		0.42	
24	1.88		-1.00		2.71		-1.09		2.54		-1.31		2.40		-0.83		2.24		-0.34		2.38		0.25	
25	2.30		-1.16		2.70		-1.24		2.54		-0.94		1.96		-0.43		2.09		-0.54		2.07		0.33	
26	2.72		-0.94		2.69		-1.18		2.33		-0.55		1.73		-0.15		0.86		-1.36		1.97		0.12	
27	2.54		-1.25		2.65		-1.08		1.89		-0.50		1.74		-0.38		2.47		-0.04		1.91		0.05	
28	1.99		-1.34		2.28		-0.85		1.48		-0.19		1.76		-0.61		3.38		0.65		2.14		0.11	
29	2.41		---		1.83		0.63		1.89		-0.17		1.80		-0.59		2.74		0.48		2.28		-0.13	
30	2.49		-0.70		1.94		-0.54		1.98		-0.30		1.77		-0.64		2.50		0.18		2.34		-0.20	
31	---		---		2.00		-0.17		---		---		2.09		-0.75		2.32		-0.30		---		---	
MAX	2.72		---		2.71		1.09		2.82		0.78		4.03		0.59		3.38		0.65		3.93		0.42	
MIN	0.88		---		1.29		-1.37		1.40		-1.44		1.60		-1.01		0.86		-1.36		1.85		-1.21	

02310175 ANCLOTE RIVER AT ALT U.S. 19 AT TARPON SPRINGS, FL

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 2003 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of top and bottom specific conductance and temperature sensors.

REMARKS.--Records fair.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 53,000 microsiemens, June 7, 2004; bottom sensor maximum, 53,300 microsiemens, July 3, 2004; top sensor minimum, 325 microsiemens, Sept. 10, 2004; bottom sensor minimum, 331 microsiemens, Sept. 10, 2004.

TEMPERATURE.--Top sensor maximum, 33.9° C, July 11, 2004, Aug 16, 2005; bottom sensor maximum, 34.0° C, Aug 16, 2005; top sensor minimum, 11.6° C, Dec. 27, 2004, Jan. 25, 2005; bottom sensor minimum, 11.4° C, Dec. 27, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 49,800 microsiemens, June 21; bottom sensor maximum, 49,100 microsiemens, June 21; top sensor minimum, 649 microsiemens, Oct. 1; bottom sensor minimum, 676 microsiemens, Oct. 1.

TEMPERATURE.--Top sensor maximum, 33.9° C, Aug 16; bottom sensor maximum, 34.0° C, Aug. 16; top sensor minimum, 11.6° C, Dec. 27, Jan. 25; bottom sensor minimum, 11.4° C, Dec. 27.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	36,100	30,500	41,200	30,500	36,200	15,600	31,900	1,890
2	---	---	---	---	35,800	29,000	42,400	29,800	36,500	13,200	33,300	2,030
3	---	---	---	---	36,800	30,600	42,800	29,700	35,700	11,800	34,000	1,580
4	---	---	---	---	38,800	32,200	43,200	30,500	35,900	11,100	36,100	4,430
5	---	---	---	---	39,300	30,500	43,600	31,100	37,100	13,200	36,700	5,930
6	---	---	---	---	39,400	29,300	43,600	31,400	39,500	15,000	38,600	8,960
7	---	---	---	---	37,800	26,700	42,800	29,100	42,400	18,200	39,400	8,610
8	---	---	---	---	37,200	29,300	43,000	32,300	37,100	13,100	39,300	9,040
9	---	---	---	---	39,100	29,300	41,700	34,300	37,800	18,800	38,100	13,300
10	---	---	---	---	41,500	31,800	41,300	33,400	37,800	20,100	39,100	10,000
11	---	---	---	---	41,500	31,400	40,000	30,900	38,000	21,600	37,100	10,000
12	---	---	---	---	41,000	30,700	38,400	33,900	39,000	20,100	37,300	13,700
13	---	---	---	---	40,300	31,600	38,800	34,000	39,400	18,900	37,100	14,800
14	---	---	31,000	22,200	41,000	32,100	39,300	34,300	41,500	18,500	37,700	13,600
15	---	---	31,400	25,500	37,700	28,000	39,400	35,200	40,000	17,700	38,200	15,400
16	---	---	32,600	24,600	38,800	30,400	40,200	33,000	39,400	13,900	37,700	17,800
17	---	---	32,900	23,700	40,900	30,900	41,600	32,000	39,200	11,900	37,300	18,500
18	---	---	37,500	27,400	38,700	27,600	41,000	34,000	38,600	10,800	37,900	16,400
19	---	---	38,600	29,300	38,200	29,300	41,200	30,200	35,600	11,800	38,800	17,500
20	---	---	36,700	23,600	37,500	23,500	41,200	26,300	36,100	16,000	38,600	18,500
21	---	---	36,800	25,400	37,500	24,900	41,100	27,600	37,400	18,300	38,800	20,400
22	---	---	37,400	23,900	38,700	25,700	40,800	28,800	37,000	18,400	39,300	18,100
23	---	---	38,100	25,000	40,100	27,900	40,000	29,200	36,400	19,100	35,200	18,000
24	---	---	38,900	26,900	40,600	30,000	38,300	29,400	38,100	18,500	35,400	18,700
25	---	---	39,900	27,800	41,300	29,900	39,300	30,600	35,900	11,600	36,000	19,900
26	---	---	40,300	28,200	40,600	29,400	41,100	31,700	29,000	5,630	36,400	19,700
27	---	---	40,200	29,400	39,900	30,300	39,000	27,000	6,740	2,750	36,800	20,500
28	---	---	40,500	30,200	39,500	31,700	31,500	22,600	24,500	2,120	37,300	21,500
29	---	---	38,200	27,300	39,900	33,500	37,500	20,600	25,800	1,740	36,900	21,700
30	---	---	36,700	30,000	40,800	33,900	37,200	22,700	---	---	37,200	20,200
31	---	---	---	---	40,500	32,800	35,200	16,700	---	---	39,500	23,800
MONTH	---	---	---	---	41,500	23,500	43,600	16,700	42,400	1,740	39,500	1,580

02310175 ANCLOTE RIVER AT ALT U.S. 19 AT TARPON SPRINGS, FL—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	38,800	23,800	44,700	30,100	50,100	42,100	48,900	37,100	35,800	2,510	37,700	3,370
2	38,100	23,100	45,200	30,600	51,000	42,700	48,800	36,000	34,300	2,330	34,900	3,150
3	37,900	25,500	43,900	28,100	52,000	43,000	48,800	36,000	34,800	2,140	34,800	4,250
4	36,500	27,500	43,200	26,900	52,500	43,200	49,800	35,800	29,200	1,570	31,800	3,560
5	35,900	26,500	44,600	27,900	52,900	44,000	49,800	35,800	21,200	1,300	25,900	1,870
6	35,200	26,500	45,000	29,500	52,800	44,800	49,300	35,700	26,900	1,210	29,800	3,660
7	36,700	26,800	45,100	29,600	53,000	45,300	52,500	35,800	32,800	1,020	3,660	885
8	39,400	27,400	45,300	31,100	51,900	44,800	52,400	40,100	38,000	815	893	372
9	40,500	27,400	45,700	33,000	50,700	43,500	51,200	39,500	16,300	606	609	328
10	40,700	27,600	45,500	33,400	50,200	44,000	51,500	36,700	921	473	825	325
11	40,700	27,100	45,000	34,300	49,900	44,200	52,900	37,100	35,300	484	28,000	350
12	37,500	25,400	45,400	34,800	50,400	42,700	52,900	35,700	42,800	623	28,900	392
13	34,800	21,500	45,100	36,300	50,600	39,500	52,800	37,000	40,900	782	26,100	429
14	31,200	16,000	46,500	35,800	50,300	38,500	52,700	36,800	37,500	748	28,700	503
15	31,500	15,100	47,900	36,700	50,100	38,400	52,700	37,400	35,000	486	35,400	1,790
16	31,600	13,200	47,900	35,100	49,800	37,600	52,600	37,600	20,300	352	34,500	1,120
17	32,800	14,900	49,000	34,900	49,400	37,500	51,600	37,700	15,900	352	34,700	787
18	34,000	16,100	49,000	35,300	49,500	38,200	48,500	33,300	20,100	379	28,800	908
19	35,400	17,000	49,300	37,200	49,800	38,500	44,000	19,700	23,100	504	33,000	1,340
20	35,300	17,300	49,100	37,400	49,300	38,700	33,800	6,650	22,300	683	32,300	1,450
21	36,800	19,600	48,400	37,700	50,100	38,700	25,500	3,180	29,900	1,140	34,600	1,610
22	38,100	25,300	47,800	38,300	48,500	38,600	15,600	2,180	35,500	1,770	34,000	3,460
23	37,600	20,000	47,300	38,900	49,000	38,200	19,400	1,860	35,200	1,990	33,900	3,060
24	38,300	20,200	47,300	39,400	48,300	39,600	24,600	1,960	38,100	2,090	32,300	3,000
25	39,100	21,500	47,000	39,300	48,100	40,200	32,300	2,090	38,300	2,180	31,300	3,520
26	39,800	23,300	47,000	39,100	48,500	40,700	35,500	2,150	38,300	2,760	27,800	3,580
27	38,800	26,000	46,800	40,300	48,500	39,800	39,300	2,510	38,200	2,550	25,800	4,100
28	40,800	23,000	46,500	41,500	48,600	37,700	40,700	2,630	36,500	2,340	15,800	1,400
29	41,500	24,600	46,900	41,800	49,000	36,100	38,500	2,330	36,500	2,740	13,800	880
30	43,000	28,000	47,400	41,800	48,200	36,600	38,900	2,860	36,600	3,190	15,900	686
31	---	---	48,800	41,500	---	---	38,200	3,230	36,800	2,700	---	---
MONTH	43,000	13,200	49,300	26,900	53,000	36,100	52,900	1,860	42,800	352	37,700	325

02310175 ANCLOTE RIVER AT ALT U.S. 19 AT TARPON SPRINGS, FL—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	---	---	41,900	30,600	36,100	15,700	28,800	2,200
2	---	---	---	---	---	---	42,800	29,900	36,200	13,200	26,500	2,280
3	---	---	---	---	---	---	43,500	30,000	36,100	11,900	28,200	2,310
4	---	---	---	---	---	---	43,900	30,900	36,000	11,200	32,600	4,730
5	---	---	---	---	---	---	44,200	31,700	36,300	13,300	34,700	6,280
6	---	---	---	---	---	---	44,600	32,000	38,700	15,200	37,800	9,340
7	---	---	---	---	---	---	43,400	29,900	42,600	18,500	36,600	8,870
8	---	---	---	---	---	---	43,200	32,400	35,900	13,400	38,800	11,000
9	---	---	---	---	37,000	27,600	41,900	34,400	37,600	19,000	38,300	12,000
10	---	---	---	---	39,200	30,100	41,400	33,400	37,400	20,500	37,800	10,600
11	---	---	---	---	39,300	29,800	40,000	31,700	38,200	21,700	37,700	10,500
12	---	---	---	---	39,000	29,200	38,400	33,900	39,100	20,500	37,800	14,500
13	---	---	---	---	38,500	30,100	38,700	33,900	39,400	19,500	37,400	15,400
14	---	---	32,700	23,900	39,300	30,700	39,100	34,100	41,200	18,800	37,900	13,900
15	---	---	33,300	26,700	36,300	26,800	39,300	35,000	39,800	18,000	38,100	15,800
16	---	---	34,500	25,800	37,600	29,200	40,600	32,900	38,900	14,100	37,400	18,400
17	---	---	35,700	24,900	39,400	29,800	42,200	32,200	39,100	12,100	37,600	18,900
18	---	---	39,400	28,600	37,500	26,600	41,400	34,500	39,000	11,100	38,000	16,500
19	---	---	40,600	30,500	37,100	28,400	41,900	30,300	35,500	12,100	39,300	17,500
20	---	---	38,000	24,700	36,400	27,200	41,900	28,100	36,100	16,300	38,700	18,400
21	---	---	---	---	36,600	24,700	41,000	27,100	37,200	18,600	38,600	20,300
22	---	---	---	---	37,900	25,300	40,300	28,200	37,000	18,900	39,000	17,900
23	---	---	---	---	39,300	27,300	39,200	28,400	35,300	19,100	35,100	17,800
24	---	---	---	---	39,800	29,500	36,800	27,800	37,100	18,700	35,100	19,900
25	---	---	---	---	40,600	29,400	37,000	27,600	34,800	12,000	35,600	19,500
26	---	---	---	---	40,000	29,000	36,100	27,800	27,400	5,760	35,700	19,300
27	---	---	---	---	39,500	29,900	33,700	23,100	5,760	2,830	36,200	20,100
28	---	---	---	---	39,200	31,500	25,200	20,200	21,300	2,210	36,100	20,800
29	---	---	---	---	39,700	33,300	37,600	19,300	26,500	1,890	35,800	21,000
30	---	---	---	---	40,800	33,900	37,300	22,900	---	---	35,800	19,400
31	---	---	---	---	40,900	32,800	35,700	16,900	---	---	37,800	22,800
MONTH	---	---	---	---	---	---	44,600	16,900	42,600	1,890	39,300	2,200
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	37,200	22,600	44,400	29,800	49,000	40,800	51,600	39,400	39,800	2,510	39,600	3,420
2	36,500	22,200	44,800	30,300	49,700	41,600	52,200	38,700	37,600	2,360	38,500	3,220
3	36,500	24,400	43,500	27,900	50,500	42,100	53,300	39,000	37,100	2,160	37,400	4,330
4	34,900	26,400	42,800	26,600	51,400	41,500	53,000	38,000	33,700	1,570	34,500	3,830
5	34,800	25,800	44,100	27,600	52,000	43,100	52,900	38,000	28,700	1,270	28,100	2,000
6	34,600	25,900	44,400	29,100	52,300	44,200	53,000	38,000	34,000	1,250	30,100	3,690
7	36,200	26,400	44,500	29,700	52,500	44,300	53,100	38,900	34,400	1,020	3,690	909
8	39,300	27,400	44,200	30,600	52,000	44,000	53,000	40,200	39,700	864	942	387
9	41,000	27,400	44,700	32,400	51,300	41,900	52,300	40,000	42,500	635	652	335
10	41,600	27,900	44,700	32,800	51,200	43,300	51,900	36,700	929	480	24,800	331
11	42,200	27,600	44,100	33,600	51,500	44,700	52,000	36,200	37,500	494	35,100	360
12	39,700	26,500	44,900	34,100	52,200	44,000	51,500	34,500	44,800	634	33,100	415
13	38,300	23,300	45,400	35,600	52,400	41,400	51,900	36,000	42,400	831	30,800	462
14	34,300	17,600	46,300	34,900	52,300	40,000	51,400	35,400	38,300	758	32,000	526
15	36,000	13,900	47,100	36,300	52,000	39,900	50,900	35,900	35,800	499	37,600	1,770
16	35,200	14,300	47,700	35,100	52,100	39,300	51,300	36,500	30,600	358	37,200	1,100
17	35,400	15,900	48,300	34,500	52,300	39,500	50,900	37,100	26,000	358	38,200	839
18	36,400	17,400	48,100	34,800	52,400	40,200	48,700	33,600	27,100	396	34,400	931
19	37,400	18,100	49,500	37,000	52,400	40,600	44,600	19,900	28,100	542	36,800	1,380
20	38,100	19,300	49,100	37,200	52,100	40,500	36,600	6,710	27,300	743	35,700	1,560
21	39,000	21,500	48,900	38,300	52,000	40,700	29,300	3,260	33,200	1,190	35,800	1,650
22	40,100	27,800	48,000	39,500	51,500	40,900	21,300	2,210	38,100	1,910	35,600	3,590
23	40,500	22,100	47,400	39,600	50,600	40,400	24,500	1,920	38,700	2,100	35,200	3,160
24	40,900	22,200	47,500	39,200	50,300	40,900	30,700	2,030	39,400	2,200	34,100	3,080
25	41,600	23,500	47,100	38,500	49,800	40,600	37,300	2,150	39,300	2,210	32,800	3,650
26	42,200	25,000	47,300	39,200	50,100	41,300	38,700	2,180	40,000	2,870	28,100	3,750
27	41,800	27,300	47,000	40,400	50,700	41,200	41,800	2,550	41,600	2,710	26,200	4,180
28	43,500	23,600	46,000	41,400	51,100	40,100	42,300	2,700	39,500	2,390	19,500	1,440
29	42,100	25,200	46,100	41,100	51,900	38,600	40,700	2,360	39,600	2,900	17,900	900
30	43,100	27,800	46,400	41,000	50,900	38,400	40,800	2,870	40,000	3,290	20,100	706
31	---	---	47,800	40,100	---	---	40,700	3,220	40,300	2,750	---	---
MONTH	43,500	13,900	49,500	26,600	52,500	38,400	53,300	1,920	44,800	358	39,600	331

02310175 ANCLOTE RIVER AT ALT U.S. 19 AT TARPON SPRINGS, FL—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	18.1	16.3	20.6	18.8	16.8	15.0	19.6	16.5
2	---	---	---	---	18.9	16.5	20.9	19.4	17.3	16.3	20.9	17.2
3	---	---	---	---	18.9	16.6	21.3	19.7	18.3	16.3	21.9	18.6
4	---	---	---	---	19.1	17.6	21.3	20.1	18.6	16.9	22.5	19.9
5	---	---	---	---	19.7	18.6	21.7	20.6	20.2	17.7	22.7	21.3
6	---	---	---	---	19.1	16.8	21.2	20.1	21.3	19.2	24.2	21.6
7	---	---	---	---	16.8	14.0	20.1	15.3	21.0	19.0	23.4	22.8
8	---	---	---	---	15.8	14.3	15.7	14.5	19.0	15.1	22.8	20.7
9	---	---	---	---	16.8	15.4	16.5	15.0	16.5	14.3	21.0	19.0
10	---	---	---	---	17.8	16.6	16.4	14.0	18.6	16.2	19.8	18.1
11	---	---	---	---	17.5	16.3	14.4	12.2	20.0	17.7	19.1	17.3
12	---	---	---	---	16.6	15.3	13.6	12.2	21.3	19.1	19.5	17.6
13	---	---	---	---	16.6	15.6	14.9	12.9	21.7	20.6	20.4	18.5
14	---	---	---	---	17.6	16.5	15.5	13.8	21.5	19.9	20.7	19.5
15	---	---	21.9	20.2	17.6	15.9	16.2	14.7	21.0	19.7	20.8	20.0
16	---	---	22.5	20.8	17.3	16.4	16.7	15.5	20.1	18.1	21.8	20.5
17	---	---	23.4	21.7	17.4	16.1	16.4	15.1	18.6	17.4	23.1	21.0
18	---	---	24.0	22.4	16.6	15.0	17.1	15.8	17.4	15.6	23.2	20.7
19	---	---	23.5	22.4	16.0	14.4	17.0	16.3	16.9	15.1	23.9	21.6
20	---	---	22.4	20.4	15.2	13.2	16.3	15.2	17.1	15.6	24.1	22.0
21	---	---	21.4	19.9	13.5	11.7	15.8	14.4	19.5	16.8	24.5	22.3
22	---	---	21.5	19.8	14.0	12.3	16.0	14.5	20.6	18.5	23.9	20.6
23	---	---	21.7	20.4	15.3	13.5	16.0	14.6	20.9	19.1	21.7	19.1
24	---	---	21.9	20.8	16.2	15.0	16.0	14.4	21.0	20.1	20.3	18.5
25	---	---	21.7	21.1	15.9	15.0	16.8	15.0	20.7	19.6	20.4	19.0
26	---	---	22.1	20.6	15.9	14.5	18.9	16.5	20.9	19.9	21.6	19.3
27	---	---	22.8	21.3	16.3	14.6	19.7	18.5	19.9	15.6	22.0	20.4
28	---	---	23.2	21.7	16.8	15.2	18.5	16.0	17.1	14.8	22.8	21.2
29	---	---	22.0	17.3	17.6	16.4	16.8	14.4	17.9	15.0	23.6	22.1
30	---	---	18.2	15.9	18.3	17.0	16.2	15.6	---	---	24.3	22.5
31	---	---	---	---	19.6	18.0	16.0	15.2	---	---	25.3	22.9
MONTH	---	---	---	---	19.7	11.7	21.7	12.2	21.7	14.3	25.3	16.5
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	23.4	21.7	28.4	25.7	33.0	30.9	32.1	30.4	30.9	27.6	31.7	28.6
2	22.4	20.5	28.1	26.3	32.5	30.9	32.3	30.7	29.3	27.3	31.4	28.8
3	22.3	19.9	27.3	26.0	32.4	30.4	32.3	30.6	30.7	27.6	30.8	29.2
4	22.2	19.9	26.1	23.9	32.1	29.8	32.1	30.3	30.2	28.3	30.4	29.0
5	21.7	19.7	25.6	23.2	31.4	29.8	31.9	30.4	30.3	28.2	29.3	25.6
6	22.4	19.7	26.0	23.5	31.5	29.7	32.8	30.4	30.1	28.9	26.0	25.0
7	22.9	20.7	26.9	24.5	31.3	29.8	31.9	30.5	30.3	28.5	27.6	25.1
8	24.0	21.6	27.1	24.8	31.4	29.9	31.9	30.1	29.8	28.2	28.8	26.0
9	24.8	22.8	26.7	25.3	31.8	30.1	32.7	30.7	29.7	27.5	28.9	26.9
10	25.6	23.8	26.7	25.6	32.3	30.2	33.7	31.7	30.5	27.1	29.5	26.7
11	25.6	24.1	27.4	26.0	32.3	30.5	33.9	32.3	31.1	27.7	29.2	26.9
12	24.3	22.5	27.7	26.0	33.2	31.0	33.0	31.7	31.6	28.5	29.1	26.8
13	22.9	21.3	28.3	26.2	33.8	31.5	33.2	31.1	30.0	27.0	28.4	26.5
14	21.3	19.3	28.5	26.1	32.7	31.0	33.3	31.3	28.2	26.1	27.9	26.6
15	21.3	18.1	28.6	26.3	32.4	30.2	32.4	30.6	27.6	25.4	27.4	26.3
16	22.6	19.4	28.4	26.6	31.8	30.3	31.8	30.1	28.6	25.3	28.3	26.3
17	23.8	20.7	28.6	26.4	31.9	29.9	31.2	29.2	29.4	26.1	29.6	27.4
18	24.3	21.5	29.1	26.6	31.8	29.9	29.7	28.0	30.1	26.7	29.9	28.1
19	24.5	22.2	28.9	26.9	32.1	30.0	28.2	27.3	30.9	27.5	29.8	28.2
20	24.9	22.7	29.2	26.9	32.8	30.9	27.8	26.5	31.1	28.6	29.3	26.9
21	24.6	22.9	29.4	27.5	32.6	30.7	29.1	26.1	31.2	29.2	27.8	26.5
22	25.6	23.2	29.6	27.6	32.0	30.8	29.7	27.2	31.0	29.5	27.9	26.3
23	26.5	24.4	29.8	28.0	32.2	30.5	29.8	27.8	31.6	30.3	28.5	26.8
24	26.6	24.5	29.6	28.2	32.5	30.9	30.3	28.8	32.5	30.6	28.5	26.9
25	26.5	25.4	30.1	28.4	32.6	30.9	30.5	28.8	32.9	30.6	28.1	26.2
26	26.9	25.8	30.6	28.7	33.1	31.4	30.8	29.3	31.7	29.2	26.9	24.8
27	26.7	24.8	31.3	29.4	33.3	31.2	30.9	29.2	31.6	29.0	26.7	24.3
28	26.1	24.0	31.6	29.5	32.2	31.2	31.5	28.8	31.6	28.7	27.9	25.1
29	25.4	23.9	32.6	29.6	31.9	30.4	31.5	28.8	31.9	28.5	28.2	25.7
30	27.1	24.3	32.8	30.4	32.1	29.9	31.5	28.6	31.1	28.8	28.6	26.1
31	---	---	33.1	30.8	---	---	31.6	28.5	31.8	28.3	---	---
MONTH	27.1	18.1	33.1	23.2	33.8	29.7	33.9	26.1	32.9	25.3	31.7	24.3

02310175 ANCLOTE RIVER AT ALT U.S. 19 AT TARPON SPRINGS, FL—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	---	---	20.6	18.8	16.8	15.1	18.5	16.5
2	---	---	---	---	---	---	20.9	19.4	17.4	16.3	19.8	17.3
3	---	---	---	---	---	---	21.3	19.7	18.4	16.4	21.4	18.6
4	---	---	---	---	---	---	21.4	20.1	18.6	16.9	22.5	20.0
5	---	---	---	---	---	---	21.8	20.6	20.3	17.8	22.7	21.3
6	---	---	---	---	---	---	21.2	20.1	21.3	19.2	24.2	21.7
7	---	---	---	---	---	---	20.1	15.4	21.0	19.1	23.5	22.8
8	---	---	---	---	---	---	15.5	14.6	19.1	15.5	22.9	20.8
9	---	---	---	---	16.8	15.4	16.5	15.1	16.5	14.3	20.9	19.0
10	---	---	---	---	17.8	16.6	16.5	14.0	18.6	16.3	19.8	18.1
11	---	---	---	---	17.6	16.3	14.5	12.2	20.0	17.7	19.2	17.5
12	---	---	---	---	16.6	15.4	13.6	12.2	21.3	19.1	19.6	17.5
13	---	---	---	---	16.6	15.6	14.9	12.9	21.4	20.6	20.4	18.7
14	---	---	22.1	20.6	17.6	16.6	15.5	13.8	21.5	19.9	20.7	19.4
15	---	---	21.8	20.3	17.3	16.0	16.2	14.8	21.0	19.7	20.8	19.9
16	---	---	22.6	20.8	17.4	16.4	16.7	15.6	19.9	18.1	21.8	20.5
17	---	---	23.4	21.7	17.5	16.1	16.5	15.2	18.6	17.6	23.2	20.8
18	---	---	24.1	22.5	16.6	15.4	17.2	15.8	17.6	15.5	23.3	20.8
19	---	---	23.6	22.4	16.0	15.1	17.0	16.4	16.9	15.0	24.0	21.6
20	---	---	22.4	20.6	15.2	13.3	16.4	15.3	17.1	15.6	24.1	22.0
21	---	---	---	---	13.5	12.0	15.8	14.4	19.5	16.8	24.5	22.3
22	---	---	---	---	14.0	12.3	16.0	14.5	20.6	18.5	23.9	21.4
23	---	---	---	---	15.4	13.5	16.0	14.7	20.9	19.1	21.9	19.2
24	---	---	---	---	16.3	15.0	16.0	14.4	21.0	20.2	20.4	18.5
25	---	---	---	---	15.9	15.1	16.8	15.1	20.7	19.7	20.5	19.0
26	---	---	---	---	15.8	14.5	18.9	16.5	20.9	20.0	21.5	19.4
27	---	---	---	---	16.3	14.7	19.7	18.5	20.0	15.9	22.0	20.5
28	---	---	---	---	16.8	15.2	18.6	16.0	17.1	14.8	22.8	21.2
29	---	---	---	---	17.6	16.5	16.6	15.2	17.6	15.3	23.6	22.1
30	---	---	---	---	18.4	17.0	16.2	15.7	---	---	24.2	22.5
31	---	---	---	---	19.6	18.0	16.0	15.2	---	---	25.4	23.0
MONTH	---	---	---	---	---	---	21.8	12.2	21.5	14.3	25.4	16.5
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	23.5	21.7	28.4	25.7	33.1	30.9	32.2	30.5	31.0	27.7	31.4	28.6
2	22.5	20.5	28.2	26.3	32.6	30.9	32.4	30.7	29.3	27.3	31.3	28.8
3	22.4	19.9	27.3	26.0	32.5	30.4	32.4	30.6	30.6	27.6	30.9	29.2
4	22.2	19.9	26.1	23.9	32.2	30.0	32.2	30.6	30.0	28.3	30.4	29.0
5	21.7	19.7	25.6	23.3	31.4	29.9	31.9	30.6	30.3	28.2	29.4	25.6
6	22.4	19.7	26.0	23.5	31.5	29.6	32.8	30.6	30.1	28.9	26.0	25.1
7	22.9	20.8	26.9	24.5	31.3	29.8	32.0	30.5	30.4	28.5	27.8	25.1
8	24.0	21.6	27.1	25.1	31.3	29.9	31.9	30.2	29.8	28.3	28.9	26.1
9	24.8	23.0	26.7	25.4	31.6	30.1	32.7	30.6	30.1	27.6	29.0	26.9
10	25.6	23.8	26.7	25.6	32.2	30.2	33.7	31.8	30.4	27.1	29.6	26.7
11	25.6	24.2	27.3	26.0	32.3	30.7	33.9	32.4	31.3	27.7	29.3	26.9
12	24.3	22.6	27.6	26.0	33.3	31.0	33.0	31.8	31.8	28.5	29.1	26.8
13	23.0	21.3	28.5	26.2	33.9	31.6	33.2	31.1	30.0	27.1	28.4	26.5
14	21.3	19.3	28.5	26.3	32.7	31.0	33.3	31.3	28.1	26.1	28.0	26.6
15	21.4	18.2	28.7	26.3	32.5	30.2	32.4	30.6	27.6	25.4	27.5	26.4
16	22.6	19.4	28.5	26.6	31.8	30.3	31.8	30.0	28.7	25.4	28.6	26.3
17	23.9	20.8	28.7	26.4	31.9	30.0	31.2	29.2	29.4	26.1	29.6	27.5
18	24.3	21.5	29.1	26.6	31.8	29.8	29.7	28.0	29.9	26.7	29.9	28.1
19	24.5	22.2	28.9	26.9	32.2	30.2	28.3	27.3	30.7	27.5	29.7	28.3
20	24.9	22.8	29.2	27.2	32.8	30.9	27.8	26.5	31.3	28.7	29.4	27.0
21	24.6	23.1	29.4	27.5	32.6	31.0	29.1	26.2	31.4	29.2	27.8	26.5
22	25.7	23.2	29.6	27.7	32.0	30.8	29.4	27.3	31.2	29.6	27.9	26.4
23	26.5	24.4	29.8	28.0	32.2	30.5	29.9	27.9	31.7	30.4	28.4	26.8
24	26.6	24.5	29.6	28.2	32.5	30.9	30.4	28.9	32.6	30.7	28.7	27.0
25	26.5	25.4	30.1	28.4	32.6	30.8	30.6	28.9	32.9	30.7	28.2	26.3
26	26.9	25.7	30.5	28.2	33.1	31.4	30.9	29.4	31.8	29.3	27.1	24.8
27	26.7	24.8	31.2	29.4	33.3	31.2	31.0	29.4	31.7	29.1	26.7	24.3
28	26.1	24.1	31.6	29.5	32.2	31.2	31.5	28.9	31.7	28.7	27.8	25.2
29	25.4	23.8	32.6	29.7	31.9	30.6	31.5	29.1	32.0	28.5	28.3	25.7
30	27.2	24.3	32.9	30.5	32.2	29.9	31.6	28.7	31.0	28.8	28.6	26.2
31	---	---	33.1	30.8	---	---	31.6	28.5	31.9	28.4	---	---
MONTH	27.2	18.2	33.1	23.3	33.9	29.6	33.9	26.2	32.9	25.4	31.4	24.3

02310175 ANCLOTE RIVER AT ALT U.S. 19 AT TARPON SPRINGS, FL—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	21,200	649	38,900	20,900	41,400	21,600	39,400	27,900	38,700	26,900	42,800	30,700
2	21,500	671	39,600	22,300	40,300	21,900	40,000	29,800	38,400	26,200	41,900	28,900
3	25,400	744	40,800	21,700	40,300	20,800	39,800	28,700	39,600	25,300	39,800	26,500
4	28,500	1,070	41,800	22,600	39,800	22,100	40,600	29,700	38,600	25,600	39,600	24,400
5	29,100	1,070	43,900	20,800	38,200	20,500	41,600	28,300	37,600	24,300	38,200	23,500
6	30,800	1,050	43,000	21,000	39,500	26,500	42,800	27,100	37,200	21,600	37,600	23,900
7	34,600	1,020	38,900	24,900	41,400	24,300	44,100	27,200	37,600	28,000	38,600	24,400
8	36,000	2,150	38,800	24,700	41,200	22,800	44,500	27,700	38,300	29,600	39,300	30,800
9	36,100	5,300	36,900	22,700	43,800	19,700	44,700	28,700	39,700	30,600	38,600	26,100
10	36,700	5,740	36,300	21,400	44,600	23,600	45,000	30,400	41,400	31,900	38,700	26,300
11	38,300	7,330	37,200	24,100	44,600	25,400	44,800	32,000	39,300	30,200	40,100	29,200
12	38,400	5,450	38,700	24,800	43,700	21,200	44,600	33,900	36,100	31,500	39,800	28,000
13	39,500	8,010	40,500	26,400	44,400	23,900	44,700	35,300	36,900	32,200	41,500	28,600
14	38,700	5,770	39,800	24,600	44,700	26,000	45,800	31,000	38,300	32,000	42,100	26,000
15	41,500	14,000	40,000	24,400	41,000	23,600	38,800	27,600	39,100	31,400	42,900	25,800
16	38,500	5,660	39,600	25,700	39,900	27,500	38,200	25,900	40,900	30,100	44,500	25,500
17	40,400	7,120	37,700	27,100	39,000	29,200	36,000	21,800	40,800	30,500	42,100	28,500
18	40,200	8,950	37,300	28,100	39,100	30,700	35,500	21,000	41,200	28,200	36,400	23,600
19	41,600	11,400	37,100	28,700	39,100	29,700	36,100	20,000	41,000	28,100	39,300	19,500
20	43,200	11,900	39,000	30,400	38,300	25,700	36,200	20,600	40,600	28,800	38,800	18,200
21	43,100	10,300	40,000	30,100	38,400	27,100	36,900	22,700	40,900	30,100	39,900	19,800
22	39,800	10,700	42,500	29,200	40,600	26,500	38,200	23,000	41,700	30,600	40,300	21,000
23	37,600	14,800	43,400	29,500	41,400	29,600	39,000	24,000	42,400	31,200	40,700	20,100
24	37,800	17,800	44,700	30,500	41,300	28,100	35,200	20,300	43,500	32,600	40,200	20,100
25	37,200	17,200	44,700	30,000	41,300	26,400	35,400	23,200	43,400	32,600	41,300	19,800
26	37,500	14,900	41,000	24,400	42,100	28,700	36,800	25,100	42,700	32,600	41,900	20,500
27	38,600	14,200	42,400	24,600	37,200	25,400	38,400	25,100	43,300	34,200	43,200	22,400
28	38,700	15,600	43,300	25,500	37,300	25,500	38,400	24,400	43,400	32,500	43,100	22,100
29	39,400	17,200	40,300	21,100	37,200	27,000	38,200	26,600	---	---	42,400	18,800
30	39,200	18,900	41,200	21,100	37,900	26,700	39,500	29,600	---	---	43,700	18,700
31	38,600	19,700	---	---	38,700	28,200	38,300	27,300	---	---	44,900	19,300
MONTH	43,200	649	44,700	20,800	44,700	19,700	45,800	20,000	43,500	21,600	44,900	18,200
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	46,100	19,500	41,700	30,800	44,800	36,500	44,500	6,510	45,000	16,300	44,200	18,600
2	43,700	24,700	40,600	31,100	44,400	35,700	44,500	5,380	45,300	18,000	46,100	21,500
3	44,100	21,200	40,500	30,300	45,700	36,100	42,700	4,420	46,100	20,400	46,100	21,900
4	43,100	22,000	40,600	31,600	46,500	35,500	42,700	4,490	45,700	20,900	45,300	24,000
5	42,500	23,400	41,100	30,300	47,300	35,200	43,100	6,870	46,100	22,800	44,500	23,200
6	42,200	26,400	39,600	26,500	48,500	36,000	44,600	10,600	45,900	22,900	44,300	23,400
7	43,300	29,100	38,500	27,100	49,000	36,000	44,300	11,900	45,700	21,300	45,600	24,300
8	44,900	29,000	37,700	27,400	49,300	36,300	45,400	12,300	44,400	22,100	45,200	24,100
9	44,300	28,400	37,600	27,500	48,900	35,600	43,000	14,300	44,200	20,500	44,100	24,100
10	45,000	28,300	38,100	27,800	48,900	35,800	45,400	18,800	44,700	19,400	43,400	22,600
11	45,900	29,800	37,800	27,000	48,700	36,600	36,800	10,100	45,400	17,800	44,100	22,000
12	45,900	32,400	38,600	26,900	46,000	34,000	34,600	7,140	43,700	16,600	44,500	22,900
13	46,100	32,400	39,500	28,000	46,200	33,500	31,100	4,210	44,700	16,100	43,400	25,000
14	47,300	31,800	40,700	27,700	45,100	32,600	38,900	3,320	45,300	15,800	41,000	27,400
15	45,500	30,200	40,600	30,400	43,300	30,000	37,900	2,620	45,800	14,600	40,700	27,700
16	44,700	29,600	40,300	30,500	45,800	27,300	38,900	2,760	44,700	13,600	40,300	29,700
17	43,000	30,700	39,900	30,500	47,000	24,500	40,000	3,320	44,800	14,100	40,100	30,100
18	41,200	32,600	40,900	30,300	47,900	23,200	39,300	4,540	45,700	17,300	41,100	30,300
19	40,900	33,800	41,100	31,500	48,300	22,700	41,300	6,220	45,700	20,000	41,500	30,100
20	39,400	33,900	41,700	33,400	49,300	23,300	42,600	9,920	45,200	20,700	41,500	29,100
21	39,800	34,600	42,300	32,200	49,800	27,400	42,600	12,300	45,300	21,500	41,700	29,200
22	40,700	34,700	43,300	32,500	49,700	24,600	42,600	14,400	44,800	22,700	43,500	34,700
23	40,900	35,300	43,700	33,000	49,500	24,100	42,400	15,000	44,100	23,100	43,900	34,000
24	40,200	33,200	43,900	35,000	48,000	18,300	42,300	15,500	44,400	21,600	43,400	33,200
25	40,100	33,300	43,400	35,700	47,300	17,900	40,400	15,700	44,300	19,800	44,000	33,400
26	39,000	31,400	44,000	35,700	46,400	18,900	39,500	16,300	39,100	15,400	45,200	33,200
27	38,600	30,600	44,400	36,300	45,500	20,400	39,400	15,100	43,500	32,700	45,700	33,300
28	39,100	30,300	44,700	36,700	44,100	18,900	41,000	13,900	44,600	26,600	46,400	34,700
29	40,200	29,700	44,800	37,400	44,000	16,200	42,100	13,700	44,200	25,500	47,200	34,700
30	41,400	30,700	44,700	37,900	40,000	8,310	43,700	13,800	46,300	22,000	47,900	34,900
31	---	---	44,700	39,100	---	---	43,800	15,200	43,500	19,300	---	---
MONTH	47,300	19,500	44,800	26,500	49,800	8,310	45,400	2,620	46,300	13,600	47,900	18,600
YEAR	49,800	649										

02310175 ANCLOTE RIVER AT ALT U.S. 19 AT TARPON SPRINGS, FL—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	26,200	676	39,600	21,300	42,000	22,000	39,200	28,000	37,200	25,900	41,800	30,000
2	26,700	739	40,700	22,700	40,900	22,200	40,000	29,900	37,000	25,200	40,900	28,200
3	28,600	828	41,900	22,000	41,100	21,100	40,200	29,000	38,200	24,500	38,800	25,800
4	31,000	1,130	43,400	22,900	40,600	22,400	40,800	29,800	37,400	24,700	38,700	24,100
5	31,600	1,140	44,700	21,200	39,500	20,600	41,800	26,100	36,300	23,400	37,400	23,000
6	31,900	1,100	44,600	21,300	40,100	27,100	43,200	25,600	35,900	24,200	37,000	23,500
7	35,600	1,130	40,100	25,200	42,400	24,700	44,000	27,500	36,300	27,100	38,000	24,000
8	37,200	2,240	39,200	25,200	42,200	23,200	44,500	27,900	37,000	28,700	38,800	30,400
9	38,200	5,420	37,200	22,900	44,300	20,000	44,600	28,600	38,300	29,500	38,000	25,800
10	39,800	5,840	36,600	21,600	45,100	24,100	44,200	30,200	39,900	31,000	38,200	26,100
11	39,300	7,390	37,300	24,300	45,100	25,900	43,700	31,800	38,100	29,300	39,100	28,400
12	39,400	5,580	39,100	25,000	44,000	21,400	44,000	33,400	35,000	30,600	38,900	27,300
13	40,900	8,080	40,900	26,600	44,700	24,300	44,000	35,100	35,700	31,200	40,700	27,900
14	40,700	5,880	40,600	24,600	45,100	26,400	45,200	30,800	37,400	31,100	41,300	25,500
15	42,000	14,200	39,800	24,500	41,900	23,300	38,500	27,800	38,600	30,200	42,000	25,400
16	40,600	5,810	39,600	25,800	40,300	27,800	37,800	26,100	39,800	29,300	44,000	24,700
17	41,400	7,290	37,700	27,200	39,100	29,400	35,600	22,100	39,900	29,300	42,400	27,900
18	41,200	9,100	37,400	28,200	39,200	31,200	35,300	21,200	40,400	27,500	37,600	23,100
19	42,900	11,500	37,100	28,800	39,200	30,000	36,000	20,300	40,100	27,400	39,400	19,200
20	44,800	12,200	39,000	30,300	38,500	25,900	35,500	21,000	39,700	28,200	39,500	18,300
21	44,600	10,600	40,100	30,400	38,600	27,200	35,300	23,000	40,000	29,400	40,300	19,900
22	41,500	11,000	43,400	29,300	40,200	26,600	37,400	23,400	40,800	30,100	41,000	21,000
23	38,600	15,000	44,200	30,000	41,000	29,300	38,300	24,500	41,600	30,600	41,500	20,400
24	38,600	18,300	45,300	30,900	40,800	27,800	34,800	20,900	42,700	31,800	40,300	20,500
25	38,300	18,100	45,300	29,600	40,900	26,100	35,300	23,700	42,500	32,000	42,400	20,400
26	39,200	15,300	41,500	24,800	41,600	28,300	35,300	24,100	42,000	31,800	43,100	21,100
27	39,700	14,600	43,000	25,000	37,300	25,300	36,800	24,100	42,200	33,700	44,600	23,100
28	39,800	16,000	43,700	25,900	37,000	25,500	36,900	23,500	42,100	31,700	44,500	22,800
29	40,100	17,600	41,100	21,300	37,100	26,400	36,900	25,500	---	---	44,300	19,500
30	40,000	19,200	41,600	20,400	37,800	26,700	37,900	28,600	---	---	45,300	19,500
31	39,500	20,100	---	---	38,800	28,300	36,800	26,300	---	---	46,300	19,800
MONTH	44,800	676	45,300	20,400	45,100	20,000	45,200	20,300	42,700	23,400	46,300	18,300
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	47,300	20,100	42,300	30,800	44,400	36,000	45,100	6,470	44,400	16,000	45,600	19,200
2	44,900	25,400	41,300	31,600	44,600	35,200	44,500	5,260	44,900	17,700	47,100	21,200
3	45,400	21,900	40,900	30,400	45,700	35,600	44,200	4,280	45,600	20,200	46,600	21,800
4	44,400	22,600	41,000	32,100	46,000	34,900	43,900	4,290	45,200	20,600	46,500	23,800
5	43,700	24,100	41,100	30,700	46,600	34,600	43,700	6,730	45,600	22,500	46,100	23,000
6	43,800	27,400	40,200	26,800	47,800	35,400	44,600	10,300	45,700	22,600	45,200	23,200
7	45,000	30,200	38,900	27,400	48,100	35,300	44,500	11,600	45,400	20,900	45,000	24,300
8	46,900	30,100	38,100	27,700	48,400	35,500	45,200	12,000	44,000	21,700	44,500	23,800
9	46,100	29,400	38,000	27,800	48,100	35,000	43,000	14,000	44,200	20,100	43,500	23,900
10	46,900	29,400	38,400	28,100	48,000	35,600	45,300	18,500	44,400	19,000	42,900	22,500
11	47,700	31,000	38,200	27,400	48,000	36,800	37,300	9,750	45,100	17,700	43,500	21,800
12	48,000	33,800	39,000	27,300	46,000	33,800	36,200	6,790	44,500	16,500	44,000	22,600
13	48,100	33,800	39,900	28,300	46,000	33,200	36,800	3,840	44,300	15,800	42,700	24,700
14	47,100	33,100	41,000	27,800	45,500	32,400	41,100	2,990	45,000	15,500	40,400	27,000
15	45,400	30,400	40,800	30,700	43,600	29,700	40,000	2,260	45,500	14,300	40,100	27,300
16	44,600	29,500	40,400	30,700	46,000	27,000	40,600	2,390	45,400	13,400	39,700	29,200
17	42,700	30,500	40,300	30,600	46,700	24,300	41,300	2,900	44,800	13,900	39,600	29,700
18	41,000	32,400	41,100	30,400	48,200	23,000	40,600	4,120	45,300	17,000	40,600	29,900
19	40,500	33,800	41,200	31,400	47,700	22,400	41,300	5,860	45,400	19,600	41,200	29,800
20	39,300	33,200	41,700	33,300	48,700	23,000	43,000	9,560	45,000	20,400	41,300	28,800
21	39,800	33,000	42,200	32,100	49,100	26,900	43,600	11,900	45,500	21,400	41,200	28,800
22	40,400	34,900	43,000	32,200	48,700	27,500	43,100	14,200	45,400	22,800	42,900	34,300
23	40,900	35,300	43,400	32,700	48,700	23,700	42,900	14,700	44,900	23,300	43,600	33,800
24	40,300	33,300	43,300	34,500	47,900	18,300	42,700	15,600	45,100	21,800	43,600	33,100
25	40,300	33,400	42,800	35,300	47,100	17,900	41,200	15,500	45,300	19,800	44,200	33,300
26	39,200	31,600	43,400	35,300	46,300	18,800	40,700	16,000	41,900	15,400	45,600	33,100
27	38,800	30,900	43,700	35,800	45,500	20,400	40,400	15,000	44,200	32,900	45,500	33,100
28	39,200	30,700	44,100	36,300	44,600	18,900	40,400	13,800	45,400	26,500	46,400	34,500
29	40,300	30,100	44,200	37,000	44,700	16,400	41,700	13,600	44,900	25,500	47,100	34,400
30	41,900	31,100	44,200	37,500	42,700	8,240	43,200	13,700	47,800	22,600	48,000	35,100
31	---	---	44,200	38,700	---	---	43,700	15,100	44,500	20,300	---	---
MONTH	48,100	20,100	44,200	26,800	49,100	8,240	45,300	2,260	47,800	13,400	48,000	19,200
YEAR	49,100	676										

02310175 ANCLOTE RIVER AT ALT U.S. 19 AT TARPON SPRINGS, FL—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.2	26.6	27.3	25.7	22.0	20.7	17.9	16.6	17.4	16.2	20.0	18.5
2	29.4	27.1	27.3	26.1	22.2	21.2	18.5	17.2	17.5	16.6	18.7	16.7
3	29.5	27.4	27.5	26.0	21.7	20.3	19.0	17.8	18.4	17.2	17.6	15.4
4	29.7	27.9	27.6	26.2	20.8	18.8	19.8	18.2	18.4	16.2	16.4	14.8
5	30.1	28.0	27.5	24.4	19.2	18.0	20.5	19.1	16.3	15.2	17.2	16.0
6	29.6	27.2	25.6	23.2	20.4	18.9	20.6	19.3	16.1	15.2	18.7	17.0
7	28.9	26.8	24.3	22.7	21.3	19.9	20.8	19.6	17.4	15.8	20.1	18.1
8	27.9	26.3	23.7	22.2	22.6	20.8	21.3	19.8	18.3	16.7	20.2	18.8
9	27.8	26.4	22.9	21.7	23.2	21.7	21.5	20.4	19.1	17.3	19.1	16.4
10	27.1	26.2	22.6	20.8	23.0	22.5	21.6	20.6	19.2	17.9	18.1	15.7
11	26.6	25.2	22.6	21.1	22.5	19.6	21.7	20.8	18.1	15.0	19.0	16.5
12	26.8	24.4	22.7	21.7	19.6	17.7	21.6	20.4	15.5	13.9	19.2	17.3
13	26.9	25.2	23.4	22.3	19.2	17.3	22.0	20.8	16.1	14.2	20.7	17.6
14	26.4	24.8	23.4	22.2	19.3	16.3	21.9	20.4	17.7	15.3	20.9	19.6
15	26.0	24.2	23.2	21.6	16.7	13.0	20.4	18.4	18.9	17.0	21.2	20.3
16	24.6	22.6	22.3	20.9	14.1	12.3	18.6	16.5	19.9	18.4	21.2	20.3
17	25.2	23.0	21.9	20.6	15.1	13.7	16.7	14.9	20.0	19.4	21.0	20.3
18	25.6	24.0	21.9	20.7	16.3	14.7	15.6	13.5	19.8	18.1	21.2	19.5
19	26.5	25.1	22.5	21.2	16.5	15.5	13.9	12.8	18.2	16.8	20.6	18.6
20	27.4	26.1	23.1	21.6	15.6	13.6	14.9	13.1	18.7	17.2	21.2	18.6
21	28.3	27.1	23.7	22.2	15.1	12.8	16.3	14.4	19.7	17.8	20.2	19.6
22	28.3	26.4	24.0	22.6	15.7	13.5	16.7	15.5	21.3	18.9	22.5	19.8
23	27.4	25.9	24.0	22.8	17.1	15.1	16.5	15.1	22.2	20.4	22.4	21.7
24	26.9	25.1	23.6	22.7	16.8	15.5	15.1	11.7	21.4	20.7	22.6	21.2
25	27.2	25.2	23.4	22.3	15.6	14.4	13.8	11.6	21.3	20.7	23.5	21.8
26	26.8	25.1	22.3	19.5	14.5	12.6	15.0	13.2	20.7	19.7	24.7	22.7
27	26.1	24.3	19.7	19.1	12.9	11.6	16.8	14.6	20.0	19.2	24.7	23.2
28	25.9	24.2	20.7	19.4	13.5	11.7	16.9	15.9	20.5	19.4	24.5	22.7
29	26.3	24.6	20.6	19.3	14.8	12.9	17.0	15.9	---	---	23.3	21.6
30	26.9	25.1	21.3	19.7	16.1	14.3	17.9	16.7	---	---	23.9	21.1
31	27.2	25.5	---	---	16.9	15.5	17.7	16.6	---	---	25.0	22.7
MONTH	30.1	22.6	27.6	19.1	23.2	11.6	22.0	11.6	22.2	13.9	25.0	14.8
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.9	23.6	24.6	23.3	28.9	27.5	31.6	29.6	32.9	30.4	31.0	30.4
2	24.9	22.2	25.6	23.6	28.8	27.0	31.5	29.9	33.5	31.3	30.8	29.9
3	22.2	20.2	26.6	24.3	28.9	27.3	31.9	29.9	33.1	31.4	31.2	29.4
4	22.8	20.2	25.6	24.3	27.9	26.9	32.6	30.2	33.6	31.3	30.9	29.4
5	23.5	20.9	24.6	23.6	29.5	26.7	33.1	30.5	32.8	31.4	30.2	28.5
6	25.0	22.1	25.4	23.1	30.5	28.0	33.0	30.9	32.8	30.9	29.4	28.0
7	23.8	22.7	25.7	23.2	31.4	29.0	32.6	31.0	31.5	29.9	29.1	28.1
8	24.5	22.4	26.0	23.5	31.0	29.4	32.0	30.6	30.9	29.1	28.6	27.7
9	24.8	22.5	26.6	24.2	30.2	28.9	31.0	27.7	31.0	29.6	28.6	27.1
10	25.0	22.8	26.7	24.7	29.0	27.1	28.0	26.4	31.8	29.9	29.6	27.9
11	24.8	22.4	27.1	25.0	28.4	26.5	29.6	26.8	32.5	30.6	30.4	28.8
12	24.7	22.8	27.3	25.2	28.8	27.7	29.7	28.2	32.9	31.2	30.7	29.2
13	24.8	23.3	27.2	25.7	29.5	27.9	30.8	28.6	33.2	31.5	31.1	29.3
14	24.0	22.8	26.8	25.3	30.5	28.6	30.8	29.0	33.1	32.0	30.4	28.8
15	23.4	21.7	27.7	25.9	31.9	29.9	31.2	28.5	33.1	31.2	30.7	29.1
16	21.7	20.1	28.6	26.9	32.4	30.8	31.0	29.4	33.9	32.2	30.6	29.1
17	21.0	19.3	29.4	27.7	32.8	30.9	31.6	29.4	33.3	31.9	30.6	28.8
18	21.4	19.5	29.9	27.5	32.3	31.2	31.7	30.2	33.4	31.6	30.5	29.0
19	22.8	20.3	29.9	27.7	32.6	30.4	31.9	30.3	32.8	31.4	30.7	28.9
20	24.2	21.5	30.3	27.9	31.7	30.3	32.3	29.9	32.4	31.1	29.9	28.3
21	25.1	22.4	30.2	28.2	31.0	29.4	32.0	29.9	32.6	30.2	29.1	27.8
22	25.6	23.2	30.1	27.9	29.9	28.8	32.8	30.5	32.3	31.2	28.7	27.8
23	24.5	23.5	30.1	28.0	29.8	28.2	31.8	30.7	32.1	30.6	28.1	27.4
24	23.5	21.7	29.1	27.8	29.8	27.8	32.0	30.2	32.3	30.4	29.2	27.5
25	22.9	20.5	29.2	27.5	29.3	27.8	32.0	30.3	32.4	31.1	29.7	27.9
26	22.5	20.8	28.1	26.8	30.5	28.4	32.2	30.4	31.7	30.0	30.4	28.0
27	22.9	20.8	28.4	26.4	30.3	29.4	32.6	31.2	30.7	29.4	31.0	29.2
28	23.4	21.3	29.2	27.6	30.4	29.0	33.1	31.8	30.9	29.0	30.8	29.2
29	24.5	22.1	29.6	28.2	30.2	29.1	33.3	31.9	31.2	29.3	30.8	29.1
30	24.6	23.3	30.3	28.9	30.7	28.7	32.8	31.4	31.7	29.8	30.5	29.1
31	---	---	29.9	28.7	---	---	32.0	30.2	31.9	30.4	---	---
MONTH	25.6	19.3	30.3	23.1	32.8	26.5	33.3	26.4	33.9	29.0	31.2	27.1
YEAR	33.9	11.6										

02310175 ANCLOTE RIVER AT ALT U.S. 19 AT TARPON SPRINGS, FL—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	29.1	26.6	27.3	25.7	22.0	20.8	17.8	16.6	17.4	16.2	20.0	18.5
2	29.4	27.1	27.3	26.1	22.2	21.3	18.5	17.2	17.5	16.6	18.7	16.8
3	29.7	27.4	27.5	26.0	21.8	20.3	19.1	17.8	18.4	17.2	17.7	15.4
4	29.8	27.9	27.6	26.3	20.9	18.8	19.8	18.3	18.4	16.3	16.4	14.9
5	30.3	28.0	27.5	24.5	19.2	18.0	20.6	19.0	16.3	15.3	17.2	16.1
6	29.7	27.6	25.6	23.5	20.4	18.9	20.7	19.3	16.2	15.3	18.8	17.0
7	28.9	26.8	24.3	22.8	21.3	19.9	20.9	19.6	17.4	15.8	20.1	18.1
8	28.0	26.5	23.8	22.2	22.6	20.8	21.3	19.9	18.3	16.7	20.3	18.9
9	27.8	26.6	23.1	21.9	23.4	21.8	21.6	20.4	19.1	17.3	19.1	16.4
10	27.3	26.3	22.7	20.9	23.0	22.5	21.6	20.6	19.1	18.1	18.1	15.7
11	26.5	25.2	22.6	21.0	22.5	19.5	21.7	20.8	18.1	15.0	19.1	16.5
12	26.8	24.4	22.8	21.7	19.5	17.8	21.6	20.4	15.5	13.9	19.2	17.3
13	27.0	25.2	23.5	22.3	19.3	17.4	22.1	20.8	16.1	14.2	20.8	17.7
14	26.4	24.8	23.4	22.2	19.3	16.4	21.9	20.4	17.8	15.3	21.0	19.6
15	26.0	24.3	23.2	21.6	16.9	13.2	20.5	18.4	19.0	17.1	21.1	20.3
16	24.5	22.7	22.4	20.8	14.2	12.3	18.6	16.5	19.9	18.4	21.2	20.3
17	25.3	23.1	22.0	20.6	15.1	13.8	17.0	14.9	20.0	19.4	21.0	20.3
18	25.7	24.1	22.0	20.7	16.3	14.7	15.3	13.5	19.9	18.1	20.8	19.7
19	26.6	25.1	22.5	21.0	16.6	15.6	13.9	13.0	18.2	17.0	20.6	18.7
20	27.5	26.2	23.2	21.7	15.7	13.6	15.0	13.1	18.8	17.2	21.3	18.7
21	28.5	27.1	23.8	22.2	15.1	13.0	16.3	14.5	19.7	17.8	20.3	19.6
22	28.4	27.2	24.0	22.6	15.6	13.5	16.7	15.5	21.3	19.0	22.6	19.8
23	27.5	26.0	24.0	22.8	17.3	15.1	16.5	15.1	22.2	20.4	22.4	21.7
24	26.9	25.1	23.7	22.7	16.8	15.5	15.1	11.8	21.5	20.8	22.6	21.3
25	27.3	25.3	23.5	22.3	15.6	14.4	13.9	11.6	21.3	20.7	23.5	21.9
26	26.9	25.2	22.3	19.5	14.6	12.8	15.0	13.2	20.8	19.7	24.7	22.7
27	26.2	24.3	19.7	19.1	13.0	11.4	16.8	14.7	20.1	19.3	24.7	23.2
28	25.9	24.2	20.7	19.4	13.6	11.7	16.7	15.9	20.6	19.4	24.5	22.8
29	26.4	24.6	20.6	19.3	14.9	12.9	17.0	15.9	---	---	23.3	21.6
30	27.0	25.1	21.3	19.7	16.2	14.3	17.9	16.8	---	---	23.9	21.0
31	27.2	25.5	---	---	17.0	15.5	17.8	16.6	---	---	25.0	22.7
MONTH	30.3	22.7	27.6	19.1	23.4	11.4	22.1	11.6	22.2	13.9	25.0	14.9
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.9	23.6	24.6	23.3	28.9	27.6	31.6	29.6	33.0	30.6	31.0	30.3
2	24.9	22.2	25.6	23.5	28.8	27.0	31.5	30.0	33.5	31.3	30.8	29.9
3	22.2	20.2	26.8	24.5	29.0	27.3	31.9	30.0	33.2	31.5	31.2	29.4
4	22.9	20.2	25.7	24.3	27.8	26.9	32.6	30.3	33.6	31.3	30.9	29.4
5	23.6	20.9	24.6	23.7	29.5	26.8	33.1	30.6	32.8	31.4	30.2	28.5
6	25.0	22.1	25.4	23.2	30.6	28.0	33.0	31.0	32.9	31.0	29.4	28.0
7	23.8	23.0	25.7	23.2	31.4	29.0	32.6	31.0	31.5	30.0	29.1	28.1
8	24.5	22.4	26.0	23.5	31.0	29.6	32.0	30.7	30.9	29.1	28.7	27.7
9	24.8	22.5	26.6	24.2	30.2	28.9	31.0	27.7	31.0	29.6	28.6	27.2
10	25.0	22.8	26.7	24.7	29.0	27.1	28.1	26.4	31.8	29.9	29.5	27.9
11	24.8	22.3	27.1	25.1	28.4	26.5	29.5	26.8	32.5	30.6	30.4	28.8
12	24.7	23.0	27.3	25.3	28.8	27.8	29.7	28.2	32.9	31.3	30.8	29.2
13	24.8	23.3	27.2	25.8	29.5	28.0	30.4	28.8	33.3	31.5	31.2	29.3
14	24.0	23.0	26.8	25.2	30.5	28.7	30.9	29.1	33.1	32.1	30.4	28.9
15	23.4	21.8	27.7	25.9	31.7	29.9	31.2	28.5	33.2	31.2	30.8	29.1
16	21.8	20.0	28.4	26.9	32.4	30.8	31.1	29.4	34.0	32.1	30.6	29.1
17	20.9	19.3	29.4	27.7	32.8	30.9	31.7	29.4	33.4	32.0	30.7	28.8
18	21.4	19.5	30.0	27.5	32.4	30.9	31.8	30.6	33.4	31.6	30.6	29.0
19	22.8	20.3	30.1	27.8	32.6	30.4	32.0	30.3	32.8	31.4	30.7	28.9
20	24.2	21.5	30.4	28.0	31.7	30.5	32.3	30.0	32.4	31.1	29.9	28.3
21	25.1	22.4	30.3	28.1	31.0	29.6	32.0	29.9	32.6	30.2	29.1	27.9
22	25.7	23.2	30.2	28.0	29.9	28.8	32.9	30.5	32.3	31.2	28.8	27.9
23	24.6	23.5	30.2	28.0	29.8	28.2	31.8	30.7	32.1	30.6	28.1	27.4
24	23.5	21.7	29.1	27.8	29.8	27.9	32.0	30.2	32.4	30.5	29.2	27.5
25	23.0	20.6	29.3	27.5	29.4	28.0	32.0	30.3	32.1	31.1	29.6	27.9
26	22.5	20.8	28.2	26.9	30.5	28.6	32.3	30.4	31.7	30.2	30.4	28.2
27	22.9	20.8	28.5	26.5	30.3	29.5	32.8	31.2	30.7	29.5	31.0	29.3
28	23.4	21.3	29.2	27.6	30.4	29.2	33.2	31.8	31.0	29.0	30.8	29.3
29	24.5	22.1	29.6	28.1	30.2	29.1	33.3	32.0	31.2	29.3	30.8	29.2
30	24.6	23.3	30.3	29.0	30.8	28.7	32.8	31.4	31.8	29.7	30.5	29.2
31	---	---	29.8	28.8	---	---	32.0	30.2	32.0	30.5	---	---
MONTH	25.7	19.3	30.4	23.2	32.8	26.5	33.3	26.4	34.0	29.0	31.2	27.2
YEAR	34.0	11.4										

02310207 ANCLOTE RIVER AT HICKORY POINT AT ANCLOTE, FL.

LOCATION.--Lat 28° 10'17", long 82° 47'06" (1927 North American datum), in NE$^{1}/_{4}$ sec.3, T.27 S., R.15 E., Pinellas County, Hydrologic Unit 03100207, on right bank at private dock, 1.2 mi upstream from mouth, and 2.5 mi northwest of Tarpon Springs.

GAGE-HEIGHT RECORDS

DRAINAGE AREA.--112 mi^2.

PERIOD OF RECORD.--February 2004 to current year (tidal high-high and low-low only).

GAGE.--Water-stage recorder. Datum of gage is North American Datum of 1988.

REMARKS.--Interruptions in record were due to days in which tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 3.30 ft Sept. 22, 2005; minimum, 4.36 ft below NAVD, Dec. 15, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 3.30 ft Sept. 22; minimum, 4.36 ft below NAVD, Dec. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.96		-1.68	
2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.81		-2.03	
3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.10		-2.43	
4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.50		-2.23	
5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.74		-2.10	
6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.76		-2.46		0.69		-2.01	
7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.09		-2.31		1.35		-2.26	
8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.37		-3.65		1.30		-2.42	
9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.66		-2.54		1.00		-2.08	
10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.75		-1.92		1.38		-2.74	
11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.91		-1.81		0.81		-2.36	
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.97		-1.82		1.09		-2.15	
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.77		-1.01		1.12		-0.73	
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.52		-1.79		1.09		-2.21	
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.95		-1.80		1.23		-2.14	
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.56		-2.67		1.42		-1.79	
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.78		-2.98		1.07		-1.91	
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.25		-3.43		1.31		-2.41	
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.48		-3.10		1.09		-2.27	
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.53		-2.47		0.89		-2.15	
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.84		-2.13		1.26		-1.85	
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.71		-1.89		1.46		-2.65	
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.13		-1.87		0.30		-2.73	
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.61		-1.58		0.60		-2.35	
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.59		-1.18		1.08		-2.22	
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.12		-1.59		1.05		-1.97	
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	-0.14		-1.08		0.95		-1.73	
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.13		-2.90		0.83		---	
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.42		-2.39		0.48		-1.63	
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.79		-1.95	
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.74		-1.53	
MAX	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.74		---	
MIN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.30		---	

02310207 ANCLOTE RIVER AT HICKORY POINT AT ANCLOTE, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	0.82		-2.10		1.36		-1.38		1.70		-2.41		1.94		-2.91		2.14		-2.22		1.30		-1.61	
2	1.37		-2.17		1.79		-1.34		1.84		-2.42		1.95		-3.06		1.97		-2.03		1.15		-1.78	
3	1.27		-2.07		1.60		-2.17		2.05		-2.92		2.07		-2.77		1.73		-1.80		1.03		-1.65	
4	1.12		-1.80		1.11		-2.80		1.99		-2.82		2.01		-2.50		1.29		-1.20		0.56		-1.75	
5	1.28		-2.34		1.48		-2.95		2.07		-2.54		1.78		-2.24		1.13		-1.01		-0.21		-2.61	
6	1.45		-2.39		1.78		-2.96		1.81		-2.38		1.16		-2.03		1.42		-0.99		2.90		0.96	
7	1.79		-2.36		1.77		-2.82		1.46		-2.10		0.96		-1.41		0.88		-0.99		1.80		-0.61	
8	2.13		-2.14		1.85		-2.33		1.24		-1.82		0.87		-1.11		1.16		-1.15		1.26		-1.08	
9	1.79		-2.10		1.71		-2.11		1.10		-0.49		0.50		-1.02		0.94		-1.26		1.11		-1.23	
10	1.33		-2.10		1.37		---		0.83		-1.30		0.56		-1.50		0.80		-1.58		1.05		-1.84	
11	1.87		-1.44		0.85		-1.76		0.74		-0.90		0.88		-1.59		1.19		-1.57		1.32		-1.83	
12	1.89		-1.62		0.98		-1.64		0.99		-1.42		0.96		-1.88		1.75		-1.37		1.47		-1.69	
13	1.65		-1.20		0.76		-1.33		1.09		-1.72		1.18		-1.75		1.72		-2.81		1.46		-1.37	
14	0.09		-2.34		0.70		-1.40		1.38		-1.77		1.31		-2.13		1.75		-2.07		1.77		-1.00	
15	0.33		-2.50		1.01		-1.59		1.52		-2.02		1.37		-2.09		1.89		-2.09		3.20		0.19	
16	0.47		-2.26		0.89		-2.21		1.35		-2.36		1.60		-2.25		1.54		-2.12		1.99		-0.37	
17	0.53		-2.06		1.15		-2.39		1.55		-2.37		1.91		-1.82		1.51		-1.86		1.45		-1.39	
18	0.80		-2.32		1.32		-2.29		1.52		-2.40		2.32		-1.75		1.50		-1.65		1.56		-2.02	
19	1.18		-2.55		1.61		-2.07		1.58		-2.24		2.16		-1.70		1.29		-1.37		1.51		-1.95	
20	1.22		-2.35		1.62		-2.22		1.58		-2.07		1.36		-1.84		1.22		-1.32		1.11		-1.88	
21	1.51		-2.22		1.50		-2.18		1.52		-1.80		1.12		-1.87		1.24		-1.41		0.78		-2.35	
22	1.43		-2.22		1.66		-1.87		1.26		-1.89		0.81		-1.58		1.36		-1.52		1.24		-1.52	
23	1.16		-2.20		1.43		-1.80		0.98		-1.60		0.77		-1.33		1.43		-1.50		1.41		-1.79	
24	1.18		-2.10		1.19		-1.82		0.57		-1.36		0.94		-1.07		1.35		-1.82		1.24		-1.90	
25	1.18		-1.73		0.83		-1.85		0.62		-1.28		1.14		-1.50		1.11		-2.08		1.39		-2.01	
26	0.89		-1.32		0.52		-0.32		0.72		-1.17		1.13		-1.79		1.51		-2.22		2.84		-1.68	
27	0.29		-0.29		0.38		-1.55		1.06		-1.39		1.39		-2.08		1.70		-2.35		2.24		-0.21	
28	0.49		-1.83		0.72		-1.32		1.00		-2.05		1.36		-2.32		1.85		-2.35		1.50		-1.11	
29	0.55		-2.07		0.78		-1.33		1.36		-2.42		1.58		-2.58		1.93		-2.07		1.44		-1.60	
30	0.85		-1.88		1.36		-1.58		1.64		-2.60		2.00		-2.42		1.88		-1.98		1.58		-1.80	
31	---		---		1.40		-2.22		---		---		2.28		-2.39		1.70		-1.66		---		---	
MAX	2.13		-0.29		1.85		---		2.07		-0.49		2.32		-1.02		2.14		-0.99		3.20		0.96	
MIN	0.09		-2.55		0.38		---		0.57		-2.92		0.50		-3.06		0.80		-2.81		-0.21		-2.61	

02310207 ANCLOTE RIVER AT HICKORY POINT AT ANCLOTE, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	1.86		-1.84		1.86		-1.45		1.22		-2.01		0.59		-2.04		---		---		---		---	
2	1.48		-1.79		1.78		-0.92		0.77		-1.71		0.71		-1.55		---		---		---		---	
3	1.38		-1.76		1.56		-1.16		0.80		-1.98		0.58		-1.60		---		---		---		---	
4	1.39		-1.25		1.27		-0.90		0.47		-1.67		0.58		-1.41		---		---		---		---	
5	1.08		-1.10		1.51		-1.54		0.39		-1.72		0.92		-1.66		---		---		---		---	
6	0.88		-1.30		0.25		-1.54		0.81		-1.22		1.12		-2.17		---		---		---		---	
7	0.64		-1.44		0.89		-1.16		1.34		-1.43		1.26		-2.45		---		---		---		---	
8	0.95		-1.21		0.78		-1.42		1.01		-1.69		1.39		-2.87		---		---		---		---	
9	1.53		-0.87		0.68		-1.79		1.70		-2.41		1.48		-3.38		---		---		---		---	
10	1.58		-0.87		1.32		-2.10		1.94		-2.22		0.11		-3.40		---		---		---		---	
11	1.88		-0.76		2.12		-1.66		0.93		-2.44		1.81		-3.13		---		---		1.60		-1.96	
12	1.76		-1.00		2.74		-1.64		1.46		-3.58		2.12		-2.73		---		---		0.92		-2.25	
13	1.81		-0.98		1.93		-2.06		-0.06		-3.08		2.18		-2.03		---		---		1.12		-2.12	
14	1.54		-1.79		1.09		-2.86		1.76		-3.25		2.32		-1.96		---		---		0.98		-2.50	
15	2.20		-0.74		0.17		-2.79		-0.22		-4.36		-0.17		-2.44		---		---		0.85		-2.24	
16	1.68		-2.16		1.21		-2.39		-0.07		-3.04		-0.30		-2.38		---		---		1.35		-1.26	
17	1.82		-2.28		1.44		-2.01		0.38		-2.23		-0.06		-2.05		---		---		0.96		---	
18	1.80		-2.01		1.21		-1.55		0.44		-1.75		-0.05		-2.40		---		---		-0.08		-1.61	
19	1.96		-1.56		0.98		-1.19		0.74		-1.61		0.62		-2.63		---		---		0.10		-2.40	
20	1.68		-1.65		1.07		-0.95		-0.23		-2.13		1.15		-2.34		---		---		0.65		-2.20	
21	1.20		-1.66		1.03		-0.83		0.66		-2.15		1.43		-1.84		---		---		1.06		-2.12	
22	0.73		-1.68		1.43		-1.15		1.51		-2.33		1.81		-1.96		---		---		1.34		-1.70	
23	1.15		-1.58		1.91		-1.35		1.26		-1.64		-0.12		-1.84		---		---		0.96		-1.76	
24	1.57		-1.11		2.59		-1.33		0.72		-2.44		-0.30		-3.21		---		---		1.05		-1.81	
25	1.53		-1.10		1.16		-0.51		1.62		-2.94		---		---		---		---		1.10		-1.89	
26	1.46		-1.63		1.08		-2.51		-0.15		-2.48		1.57		-1.93		---		---		1.31		-2.04	
27	1.56		-1.86		2.15		-2.21		-0.47		-3.30		1.65		-2.13		---		---		1.66		-1.86	
28	1.94		-1.92		0.21		-1.92		0.12		-3.29		1.23		-2.21		---		---		1.67		-1.90	
29	1.27		-2.01		1.01		-2.35		0.48		-2.68		0.88		-1.66		---		---		1.05		-2.47	
30	2.02		-1.80		1.13		-2.15		0.83		-2.62		1.46		-1.00		---		---		1.05		-2.39	
31	1.98		-1.79		---		---		0.98		-2.06		---		---		---		---		1.40		-0.40	
MAX	2.20		-0.74		2.74		-0.51		1.94		-1.22		---		---		---		---		---		---	
MIN	0.64		-2.28		0.17		-2.86		-0.47		-4.36		---		---		---		---		---		---	
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	1.41		-2.47		1.80		-2.39		1.35		-1.10		1.16		-1.87		1.20		-2.09		1.48		-1.90	
2	0.89		-1.69		0.86		-1.66		1.30		-1.47		1.40		-1.99		1.39		-2.28		1.65		-1.70	
3	0.32		-2.84		0.69		-1.88		1.63		-1.45		1.49		-2.12		1.57		-2.20		1.43		-1.80	
4	0.64		-2.61		1.04		-1.55		1.56		-1.94		1.46		-2.36		1.52		-2.24		1.31		-1.54	
5	1.29		-2.44		1.48		-1.76		1.67		-2.34		1.67		-2.23		1.45		-2.14		1.02		-1.46	
6	1.41		-2.02		0.70		-2.45		1.62		-2.34		1.89		-2.05		1.42		-2.55		1.02		-1.45	
7	1.87		-1.69		1.11		-2.58		1.44		-2.51		1.64		-2.10		1.84		-1.99		1.06		-1.57	
8	1.39		-1.87		1.69		-2.30		1.57		-2.25		1.74		-2.18		1.13		-1.74		1.08		-1.52	
9	1.24		-2.36		1.77		-2.52		1.44		-2.40		1.77		-1.12		1.00		-1.51		1.11		-1.48	
10	1.47		-2.58		1.70		-2.41		1.26		-1.86		2.47		-0.74		1.07		-1.30		1.26		-1.44	
11	1.70		-1.95		---		---		1.93		-1.15		1.64		-1.56		1.06		-1.18		1.08		-1.45	
12	1.89		-1.42		---		---		1.21		-1.42		1.06		-1.28		1.14		-1.28		1.12		-1.44	
13	1.38		-1.66		---		---		0.84		-1.35		0.68		-0.92		1.16		-1.54		1.70		-1.59	
14	---		---		---		---		0.68		-1.02		1.00		-0.97		1.25		-1.62		2.05		-1.66	
15	---		---		---		---		0.50		-0.54		1.34		-1.17		1.42		-2.14		1.96		-1.92	
16	---		---		---		---		0.87		-0.98		1.29		-1.42		1.44		-2.28		2.32		-1.84	
17	---		---		---		---		1.22		-1.36		1.40		-1.94		1.67		-2.64		2.13		-1.83	
18	---		---		---		---		1.42		-1.87		1.69		-2.11		2.16		-2.62		2.08		-1.49	
19	---		---		0.88		-1.36		1.32		-2.47		2.06		-2.42		2.28		-2.34		1.76		-1.70	
20	1.18		-1.75		1.40		-1.45		1.55		-2.86		2.25		-2.45		2.20		-2.33		1.08		-2.44	
21	1.31		-1.34		1.60		-1.95		1.69		-2.78		2.32		-2.54		2.02		-1.77		1.98		-2.33	
22	1.54		-1.52		1.53		-2.62		2.02		-2.94		2.26		-2.46		1.66		-1.58		3.30		-1.02	
23	1.86		-1.23		1.74		-2.86		---		---		1.81		-2.28		1.39		-1.50		2.47		-0.79	
24	1.04		-2.13		2.01		-2.57		1.78		-2.85		1.65		-2.23		1.46		-1.52		1.58		-0.78	
25	1.56		-2.42		1.96		-2.71		1.73		-2.32		1.17		-1.59		1.30		-1.69		1.20		-0.65	
26	2.09		-2.39		2.00		-2.64		1.54		-1.79		0.86		-1.19		0.00		-2.43		1.11		-0.87	
27	1.80		-2.56		1.88		-2.43		1.10		-1.64		0.88		-1.48		1.73		-0.21		1.03		-0.96	
28	1.26		-2.64		1.50		-2.11		0.64		-1.18		0.87		-1.68		2.50		-0.50		1.32		-0.93	
29	1.60		-1.82		1.00		-1.66		1.05		-1.22		0.94		-1.70		1.93		-0.59		1.47		-1.31	
30	1.64		---		1.14		-0.24		1.12		-1.45		0.91		-1.70		1.62		-0.92		1.59		-1.35	
31	---		---		1.60		-1.14		---		---		1.24		-1.89		1.44		-1.47		---		---	
MAX	---		---		---		---		---		---		2.47		-0.74		2.50		-0.21		3.30		-0.65	
MIN	---		---		---		---		---		---		0.68		-2.54		0.00		-2.64		1.02		-2.44	

02310207 ANCLOTE RIVER AT HICKORY POINT AT ANCLOTE, FL---Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 2004 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of top and bottom specific conductance and temperature sensors.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 55,400 microsiemens, July 15, 2004; bottom sensor maximum, 55,900 microsiemens, June 13, 21, 22, 24, 25, 29, 2004; top sensor minimum, 2,320 microsiemens, Sept. 8, 2004; bottom sensor minimum, 8,750 microsiemens, Aug. 16, 2004.

TEMPERATURE.--Top sensor maximum, 34.4° C, June 27, July 10, 11, 2004; bottom sensor maximum, 34.3° C, June 27, July 11, 2004; top sensor minimum, 12.1° C, Dec. 21, 2004; bottom sensor minimum, 12.0° C, Dec. 21, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 51,000 microsiemens, June 20; bottom sensor maximum, 50,600 microsiemens, June 18, 19, 21; top sensor minimum, 6,710 microsiemens, Oct. 1; bottom sensor minimum, 11,900 microsiemens, Feb. 3.

TEMPERATURE.--Top sensor maximum, 34.0° C, Aug 16; bottom sensor maximum, 34.2° C, Aug. 16; top sensor minimum, 12.1° C, Dec. 21; bottom sensor minimum, 12.0° C, Dec. 21.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	---	---	---	---	---	---	38,000	17,400
2	---	---	---	---	---	---	---	---	---	---	41,600	17,800
3	---	---	---	---	---	---	---	---	---	---	42,100	18,300
4	---	---	---	---	---	---	---	---	---	---	42,800	26,300
5	---	---	---	---	---	---	---	---	42,400	30,800	43,300	27,900
6	---	---	---	---	---	---	---	---	44,400	32,400	43,300	31,500
7	---	---	---	---	---	---	---	---	44,200	35,900	43,400	31,000
8	---	---	---	---	---	---	---	---	42,300	29,200	44,500	32,800
9	---	---	---	---	---	---	---	---	39,900	34,300	42,300	34,300
10	---	---	---	---	---	---	---	---	40,000	35,500	42,900	31,000
11	---	---	---	---	---	---	---	---	40,400	35,800	40,100	30,600
12	---	---	---	---	---	---	---	---	42,100	35,700	39,500	33,700
13	---	---	---	---	---	---	---	---	42,900	35,700	39,400	33,900
14	---	---	---	---	---	---	---	---	44,800	35,900	40,500	32,200
15	---	---	---	---	---	---	---	---	45,100	35,100	41,600	32,400
16	---	---	---	---	---	---	---	---	43,200	28,200	41,800	33,400
17	---	---	---	---	---	---	---	---	42,800	29,600	41,400	33,900
18	---	---	---	---	---	---	---	---	41,500	29,000	42,100	32,000
19	---	---	---	---	---	---	---	---	39,000	29,100	42,100	34,100
20	---	---	---	---	---	---	---	---	39,200	32,600	41,000	35,000
21	---	---	---	---	---	---	---	---	39,500	33,200	40,700	35,700
22	---	---	---	---	---	---	---	---	40,700	32,700	41,100	33,800
23	---	---	---	---	---	---	---	---	40,200	33,400	38,500	33,600
24	---	---	---	---	---	---	---	---	42,900	32,400	37,000	33,600
25	---	---	---	---	---	---	---	---	40,500	30,600	37,500	33,800
26	---	---	---	---	---	---	---	---	40,800	22,700	37,900	34,000
27	---	---	---	---	---	---	---	---	30,900	13,900	38,400	34,100
28	---	---	---	---	---	---	---	---	27,800	12,400	38,900	34,600
29	---	---	---	---	---	---	---	---	31,200	10,500	38,900	34,400
30	---	---	---	---	---	---	---	---	---	---	39,700	33,400
31	---	---	---	---	---	---	---	---	---	---	41,500	35,600
MONTH	---	---	---	---	---	---	---	---	---	---	44,500	17,400

02310207 ANCLOTE RIVER AT HICKORY POINT AT ANCLOTE, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	41,200	35,300	48,100	42,200	49,600	46,000	53,700	49,600	47,100	15,900	46,500	28,000
2	39,900	35,800	48,100	42,600	50,600	46,200	53,700	49,100	46,800	17,300	45,900	26,100
3	38,900	36,300	47,100	40,900	51,200	47,500	53,700	46,700	47,000	21,000	44,500	28,900
4	37,200	35,800	47,100	40,400	51,600	48,300	53,700	45,700	46,100	17,500	41,500	27,700
5	37,200	33,500	47,000	41,700	52,000	49,200	53,700	48,000	45,600	13,600	39,500	20,300
6	37,000	35,000	47,300	42,200	52,300	49,400	53,700	49,400	45,800	13,400	33,400	19,200
7	39,200	35,700	46,900	42,400	52,200	48,700	54,800	46,700	45,000	13,500	19,200	3,240
8	42,800	37,000	46,900	42,500	52,000	49,400	54,800	52,100	46,000	7,730	8,670	2,320
9	45,200	37,300	47,400	43,100	51,900	48,600	55,000	50,500	38,600	4,180	9,150	2,440
10	44,800	37,700	47,800	43,200	52,100	49,300	55,100	51,800	28,900	4,180	40,700	3,260
11	45,400	38,400	48,300	43,200	52,400	50,400	55,100	52,300	44,600	6,910	44,200	5,190
12	44,300	37,900	49,100	44,000	52,300	50,000	54,900	50,000	48,800	11,300	42,300	6,040
13	44,000	36,400	50,100	44,600	52,500	49,600	54,800	48,300	48,300	17,100	39,800	8,380
14	44,000	33,500	50,500	45,600	52,400	48,600	55,100	51,000	45,600	9,010	41,200	13,000
15	43,000	30,000	50,900	47,300	52,200	48,500	55,400	51,000	45,600	5,200	47,300	21,700
16	39,700	32,500	50,900	46,400	52,300	47,700	55,200	51,400	44,200	4,000	47,200	16,900
17	40,000	28,800	50,900	46,600	52,500	48,600	54,900	49,800	42,200	4,120	47,400	12,200
18	40,200	34,400	51,200	47,000	52,700	48,900	54,500	48,500	42,000	5,600	47,300	12,600
19	40,600	35,300	50,800	47,700	52,600	47,600	52,700	38,800	40,600	10,200	43,700	16,100
20	40,800	35,800	50,500	47,400	52,500	49,500	49,500	22,500	42,300	12,900	43,100	17,500
21	41,300	37,000	50,100	47,200	52,700	50,100	47,100	13,600	42,600	17,400	41,300	17,100
22	43,100	36,300	49,100	47,100	53,000	50,200	45,100	10,700	44,800	21,100	39,700	25,100
23	43,900	36,900	48,400	46,600	52,800	50,000	44,600	10,700	44,200	22,200	40,200	23,900
24	44,100	37,200	48,200	46,600	53,100	50,400	44,900	13,100	45,000	21,700	38,600	24,000
25	44,600	37,900	48,000	46,400	53,400	50,700	46,200	16,300	44,200	21,400	37,900	23,400
26	45,900	39,000	48,100	46,400	53,600	51,200	47,100	17,900	45,300	22,800	36,400	24,200
27	46,600	40,300	47,500	46,000	53,600	50,700	48,000	18,900	45,500	21,700	30,600	15,100
28	46,000	37,600	46,600	45,600	53,700	50,800	48,400	19,600	45,500	21,300	34,100	8,330
29	46,700	39,700	46,800	46,100	53,800	50,200	48,300	18,300	44,900	23,500	35,700	6,880
30	47,400	40,600	47,600	46,200	53,700	50,100	48,300	20,400	46,200	25,000	36,700	5,500
31	---	---	48,700	46,300	---	---	48,900	21,200	46,600	25,600	---	---
MONTH	47,400	28,800	51,200	40,400	53,800	46,000	55,400	10,700	48,800	4,000	47,400	2,320

02310207 ANCLOTE RIVER AT HICKORY POINT AT ANCLOTE, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	---	---	---	---	---	---	40,300	21,800
2	---	---	---	---	---	---	---	---	---	---	42,500	22,500
3	---	---	---	---	---	---	---	---	---	---	42,800	23,800
4	---	---	---	---	---	---	---	---	---	---	42,800	27,700
5	---	---	---	---	---	---	---	---	43,500	31,400	43,300	30,300
6	---	---	---	---	---	---	---	---	44,700	33,000	43,300	33,600
7	---	---	---	---	---	---	---	---	44,700	36,800	43,800	33,300
8	---	---	---	---	---	---	---	---	42,400	29,900	44,400	33,800
9	---	---	---	---	---	---	---	---	39,900	34,600	42,100	35,000
10	---	---	---	---	---	---	---	---	39,900	36,100	42,800	33,100
11	---	---	---	---	---	---	---	---	40,400	36,600	39,900	32,900
12	---	---	---	---	---	---	---	---	42,600	36,800	39,500	28,200
13	---	---	---	---	---	---	---	---	43,500	37,500	39,300	34,400
14	---	---	---	---	---	---	---	---	45,900	37,400	40,600	33,400
15	---	---	---	---	---	---	---	---	46,100	37,200	42,400	30,400
16	---	---	---	---	---	---	---	---	43,500	34,100	42,500	34,100
17	---	---	---	---	---	---	---	---	42,900	34,000	41,400	34,600
18	---	---	---	---	---	---	---	---	41,400	33,700	42,000	33,100
19	---	---	---	---	---	---	---	---	39,000	31,100	42,100	34,300
20	---	---	---	---	---	---	---	---	39,100	33,200	41,100	35,300
21	---	---	---	---	---	---	---	---	39,600	33,800	40,800	35,900
22	---	---	---	---	---	---	---	---	40,700	33,200	41,000	33,900
23	---	---	---	---	---	---	---	---	40,300	33,900	38,200	33,800
24	---	---	---	---	---	---	---	---	43,900	34,700	37,400	34,000
25	---	---	---	---	---	---	---	---	41,200	32,200	37,500	34,700
26	---	---	---	---	---	---	---	---	41,400	24,200	38,200	34,300
27	---	---	---	---	---	---	---	---	34,800	14,700	38,800	35,300
28	---	---	---	---	---	---	---	---	30,600	13,600	39,000	35,400
29	---	---	---	---	---	---	---	---	31,900	15,600	38,900	35,300
30	---	---	---	---	---	---	---	---	---	---	40,600	34,500
31	---	---	---	---	---	---	---	---	---	---	41,400	35,800
MONTH	---	---	---	---	---	---	---	---	---	---	44,400	21,800

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	41,200	35,300	47,900	42,500	50,300	48,000	55,300	53,100	47,000	26,900	46,800	32,400
2	39,900	36,300	47,700	42,700	51,700	48,900	55,000	52,800	46,200	28,100	45,800	31,000
3	39,000	36,200	46,900	40,600	52,400	49,900	55,200	52,600	47,100	24,600	44,500	26,600
4	37,000	35,500	46,700	41,000	53,300	50,800	54,800	52,800	46,500	26,100	41,500	31,600
5	37,000	35,200	46,700	40,000	53,600	51,500	54,900	53,300	46,300	19,200	39,900	21,800
6	37,200	35,100	46,900	39,900	54,000	51,500	54,600	53,200	45,800	20,500	33,700	19,500
7	39,500	35,700	46,800	42,100	54,500	51,900	54,700	52,900	45,200	20,000	---	---
8	42,900	37,500	46,900	42,100	54,300	52,400	54,600	52,400	46,500	19,200	---	---
9	45,400	37,900	47,500	43,700	54,600	51,800	54,700	52,900	48,500	10,800	---	---
10	45,000	38,400	47,900	43,400	55,200	52,800	54,700	50,600	46,700	9,840	---	---
11	45,600	39,600	48,200	42,600	55,400	54,000	54,800	52,100	47,800	10,500	---	---
12	44,400	38,200	49,100	42,900	55,700	53,700	54,600	52,000	48,900	18,700	---	---
13	44,500	37,800	49,900	45,700	55,900	53,500	54,800	52,200	48,400	13,100	---	---
14	44,300	33,800	50,400	46,000	55,800	53,600	55,100	51,700	46,700	19,500	---	---
15	42,900	35,000	50,600	45,500	55,500	53,000	54,900	51,500	46,200	13,200	---	---
16	39,700	33,900	50,400	46,200	55,500	52,700	55,100	51,900	44,600	8,750	---	---
17	40,400	31,000	50,400	46,100	55,600	53,600	54,700	52,700	42,700	8,920	---	---
18	40,400	34,800	50,500	45,000	55,700	53,300	54,600	50,000	42,100	12,200	---	---
19	40,500	35,600	---	---	55,600	53,600	52,800	43,800	41,600	17,200	---	---
20	40,700	36,400	---	---	55,500	53,800	50,000	32,100	43,200	20,200	---	---
21	41,400	37,200	---	---	55,900	54,100	47,700	22,400	43,500	22,500	---	---
22	43,100	37,100	---	---	55,900	54,100	46,100	20,100	45,100	25,300	---	---
23	43,800	37,500	---	---	55,500	53,500	45,700	20,100	44,400	22,000	---	---
24	44,500	27,200	---	---	55,900	53,700	45,700	21,000	45,300	20,200	---	---
25	44,800	38,700	---	---	55,900	54,000	47,300	23,700	45,100	27,700	---	---
26	46,600	39,800	---	---	55,800	54,400	47,400	26,000	45,600	30,500	---	---
27	47,100	40,800	48,200	46,200	55,800	54,200	48,800	27,300	47,100	30,300	---	---
28	46,400	39,700	47,200	45,800	55,800	54,100	48,500	27,100	45,500	28,800	---	---
29	46,800	41,000	47,200	46,100	55,900	54,000	48,100	28,500	45,200	29,400	---	---
30	47,200	40,500	47,900	46,200	55,200	53,300	48,000	31,700	46,600	30,000	---	---
31	---	---	49,600	47,300	---	---	48,600	30,500	46,800	31,500	---	---
MONTH	47,200	27,200	---	---	55,900	48,000	55,300	20,100	48,900	8,750	---	---

02310207 ANCLOTE RIVER AT HICKORY POINT AT ANCLOTE, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	---	---	---	---	---	---	19.0	16.3
2	---	---	---	---	---	---	---	---	---	---	20.8	17.1
3	---	---	---	---	---	---	---	---	---	---	21.5	18.5
4	---	---	---	---	---	---	---	---	---	---	22.7	19.5
5	---	---	---	---	---	---	---	---	20.4	17.6	22.7	20.9
6	---	---	---	---	---	---	---	---	21.9	19.0	24.0	21.3
7	---	---	---	---	---	---	---	---	20.9	17.4	23.1	22.0
8	---	---	---	---	---	---	---	---	18.1	14.4	22.0	19.2
9	---	---	---	---	---	---	---	---	17.2	14.0	21.1	17.7
10	---	---	---	---	---	---	---	---	18.8	16.4	19.8	17.4
11	---	---	---	---	---	---	---	---	20.0	17.5	19.1	15.9
12	---	---	---	---	---	---	---	---	20.5	18.7	20.3	17.0
13	---	---	---	---	---	---	---	---	21.1	19.8	21.4	18.1
14	---	---	---	---	---	---	---	---	20.7	19.6	21.9	19.0
15	---	---	---	---	---	---	---	---	20.8	19.3	21.1	19.6
16	---	---	---	---	---	---	---	---	19.9	17.0	22.1	20.5
17	---	---	---	---	---	---	---	---	18.7	17.3	23.2	20.6
18	---	---	---	---	---	---	---	---	17.9	15.1	23.7	20.7
19	---	---	---	---	---	---	---	---	17.8	14.9	24.2	21.5
20	---	---	---	---	---	---	---	---	17.1	15.4	24.6	22.1
21	---	---	---	---	---	---	---	---	20.0	16.2	25.0	22.2
22	---	---	---	---	---	---	---	---	20.9	18.1	23.4	21.0
23	---	---	---	---	---	---	---	---	20.9	18.4	21.4	18.4
24	---	---	---	---	---	---	---	---	21.3	20.0	21.0	18.0
25	---	---	---	---	---	---	---	---	20.5	19.5	21.1	18.9
26	---	---	---	---	---	---	---	---	21.1	19.7	22.8	19.2
27	---	---	---	---	---	---	---	---	20.2	16.4	22.9	20.3
28	---	---	---	---	---	---	---	---	18.3	15.4	24.4	21.0
29	---	---	---	---	---	---	---	---	18.3	15.2	25.6	21.4
30	---	---	---	---	---	---	---	---	---	---	25.9	21.9
31	---	---	---	---	---	---	---	---	---	---	25.8	22.3
MONTH	---	---	---	---	---	---	---	---	---	---	25.9	15.9
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	22.9	20.5	27.4	25.2	32.5	30.1	32.9	30.2	31.2	29.3	32.6	29.5
2	22.4	19.7	27.9	25.8	32.6	30.1	32.9	30.7	29.9	28.3	32.1	29.6
3	22.2	19.2	26.9	24.6	32.4	29.7	32.8	30.7	31.4	28.1	31.7	29.4
4	22.0	19.2	25.9	23.2	32.2	29.8	32.6	30.3	30.6	28.5	31.4	28.8
5	22.0	19.2	25.3	22.5	31.8	29.7	32.6	30.3	31.7	28.4	30.0	25.2
6	22.5	19.1	26.0	22.9	32.2	29.6	33.8	30.6	31.9	29.0	25.2	24.9
7	23.3	20.7	27.5	24.2	32.0	29.5	32.6	30.7	31.1	28.5	28.1	25.2
8	24.0	21.2	27.8	25.1	31.9	29.6	32.9	30.0	32.0	28.3	30.3	26.9
9	25.1	22.4	27.3	25.1	32.1	29.9	33.6	30.8	32.3	29.2	29.2	27.6
10	26.2	23.0	27.2	25.1	32.5	29.8	34.4	31.2	31.8	29.1	30.6	27.8
11	26.2	24.1	27.2	25.7	33.4	30.1	34.4	31.4	33.5	29.1	30.9	27.9
12	24.2	22.3	27.9	25.8	33.5	30.7	33.1	31.1	32.1	29.3	30.8	27.7
13	22.4	20.4	28.8	25.9	33.8	31.2	33.3	30.8	30.4	27.6	29.8	27.2
14	20.7	17.8	28.6	25.8	31.9	30.3	33.0	30.5	28.7	26.3	28.6	27.1
15	21.0	17.2	27.9	25.9	32.2	29.6	32.1	30.0	28.6	26.3	27.9	26.7
16	22.6	18.6	28.2	26.2	31.6	29.8	31.5	29.6	30.2	26.2	29.0	26.6
17	23.6	20.0	28.7	25.9	31.8	29.6	30.4	28.5	31.8	27.1	30.5	27.4
18	24.2	20.6	28.7	26.1	31.6	29.3	28.9	27.3	32.4	28.0	31.9	28.1
19	24.4	21.4	29.0	26.4	32.9	30.0	27.6	26.4	32.5	28.7	30.6	27.8
20	25.4	21.9	29.4	26.9	33.2	30.7	28.0	26.6	32.9	29.8	30.1	26.5
21	25.1	22.7	29.6	27.1	33.0	30.5	30.4	26.8	32.6	30.1	28.0	25.1
22	25.9	22.7	29.9	27.2	32.4	30.1	31.5	28.0	32.6	30.0	29.7	26.4
23	26.8	23.3	30.5	27.6	32.6	29.8	32.1	28.6	33.5	30.8	29.5	26.2
24	27.2	23.8	30.4	28.0	32.9	30.4	32.4	29.3	33.5	31.2	29.1	26.6
25	26.7	24.7	31.3	28.0	32.9	30.4	31.8	29.6	33.1	31.1	28.5	26.6
26	27.4	24.9	31.7	28.5	33.3	30.9	31.6	29.4	31.6	30.3	27.8	24.6
27	26.1	24.3	33.1	29.0	34.4	30.6	31.8	29.5	32.8	30.1	27.2	24.3
28	26.3	23.3	32.9	28.5	32.4	30.7	32.9	29.7	32.5	30.0	29.1	25.7
29	25.9	23.0	33.2	29.0	31.8	30.0	32.1	29.8	32.6	29.9	30.2	26.6
30	28.1	23.8	33.3	29.9	32.0	29.6	32.2	29.5	31.7	30.0	30.4	27.1
31	---	---	33.4	30.0	---	---	32.4	29.7	32.6	29.6	---	---
MONTH	28.1	17.2	33.4	22.5	34.4	29.3	34.4	26.4	33.5	26.2	32.6	24.3

02310207 ANCLOTE RIVER AT HICKORY POINT AT ANCLOTE, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	---	---	---	---	---	---	17.7	16.4
2	---	---	---	---	---	---	---	---	---	---	19.4	17.2
3	---	---	---	---	---	---	---	---	---	---	21.3	18.4
4	---	---	---	---	---	---	---	---	---	---	22.7	19.8
5	---	---	---	---	---	---	---	---	20.3	17.5	22.7	21.1
6	---	---	---	---	---	---	---	---	21.8	18.9	23.9	21.6
7	---	---	---	---	---	---	---	---	20.9	17.4	23.1	21.9
8	---	---	---	---	---	---	---	---	18.0	14.5	21.9	19.2
9	---	---	---	---	---	---	---	---	17.2	14.1	21.0	18.0
10	---	---	---	---	---	---	---	---	18.8	16.5	19.8	17.5
11	---	---	---	---	---	---	---	---	20.0	17.6	18.9	16.1
12	---	---	---	---	---	---	---	---	20.4	18.7	20.3	17.1
13	---	---	---	---	---	---	---	---	20.8	19.8	21.3	18.2
14	---	---	---	---	---	---	---	---	20.7	19.5	21.3	19.0
15	---	---	---	---	---	---	---	---	20.6	19.3	21.0	19.6
16	---	---	---	---	---	---	---	---	19.4	16.9	22.0	20.6
17	---	---	---	---	---	---	---	---	18.7	17.5	23.3	20.6
18	---	---	---	---	---	---	---	---	17.9	14.7	23.7	20.9
19	---	---	---	---	---	---	---	---	17.8	14.8	24.2	21.5
20	---	---	---	---	---	---	---	---	17.2	15.6	24.5	22.2
21	---	---	---	---	---	---	---	---	19.8	16.8	25.0	22.3
22	---	---	---	---	---	---	---	---	20.6	18.1	23.4	20.5
23	---	---	---	---	---	---	---	---	20.9	18.7	21.2	18.5
24	---	---	---	---	---	---	---	---	21.3	20.0	21.1	18.0
25	---	---	---	---	---	---	---	---	20.5	19.4	21.2	19.1
26	---	---	---	---	---	---	---	---	20.7	19.7	22.4	19.4
27	---	---	---	---	---	---	---	---	20.3	16.7	22.7	20.4
28	---	---	---	---	---	---	---	---	18.2	15.4	23.9	21.0
29	---	---	---	---	---	---	---	---	17.4	15.7	24.8	21.8
30	---	---	---	---	---	---	---	---	---	---	24.2	21.8
31	---	---	---	---	---	---	---	---	---	---	25.3	22.2
MONTH	---	---	---	---	---	---	---	---	---	---	25.3	16.1
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	22.9	20.4	27.6	25.2	32.6	30.1	32.7	30.2	31.3	29.3	32.5	29.5
2	22.4	19.6	27.9	25.8	32.2	30.1	32.8	30.7	29.9	28.3	32.0	29.6
3	22.3	19.2	27.0	24.6	32.1	29.8	32.7	30.6	31.3	28.1	31.6	29.4
4	22.0	19.3	25.7	23.1	32.1	29.8	32.6	30.4	30.5	28.8	31.0	29.2
5	22.0	19.2	25.2	22.5	31.8	29.6	32.4	30.3	31.2	28.6	30.0	25.0
6	22.4	19.2	26.0	23.0	32.1	29.6	33.8	30.7	31.5	29.2	25.3	25.0
7	23.2	20.7	27.5	24.3	32.0	29.4	32.7	30.7	30.8	29.4	---	---
8	24.0	21.3	27.7	25.0	31.9	29.6	32.7	30.0	31.1	28.6	---	---
9	25.1	22.5	27.3	25.1	31.9	30.0	33.5	30.8	31.7	29.5	---	---
10	26.2	23.1	27.1	25.1	32.3	29.7	34.1	31.1	31.8	29.7	---	---
11	25.8	24.1	27.0	25.8	33.5	30.1	34.3	31.4	33.0	30.5	---	---
12	24.2	22.3	27.5	25.8	33.5	30.6	32.9	31.1	32.4	30.3	---	---
13	22.4	20.4	28.5	25.9	33.8	31.1	33.1	30.7	30.3	27.6	---	---
14	20.6	17.6	28.5	25.7	32.0	30.3	32.8	30.3	28.5	27.1	---	---
15	21.0	17.0	27.9	25.8	31.9	29.5	31.9	29.9	28.5	26.6	---	---
16	22.1	18.5	28.0	26.1	31.5	29.8	31.3	29.5	30.2	26.5	---	---
17	23.2	20.0	28.4	25.8	31.7	29.5	30.3	28.7	31.3	27.3	---	---
18	23.9	20.9	28.6	25.9	31.6	29.3	28.8	27.5	32.3	28.0	---	---
19	24.3	21.5	28.9	26.3	32.8	30.1	27.7	26.4	32.4	28.6	---	---
20	25.3	22.1	29.3	26.8	33.2	30.7	28.0	26.6	32.9	29.8	---	---
21	25.1	22.7	29.6	27.0	32.9	30.6	30.3	26.8	32.5	30.4	---	---
22	25.9	22.8	29.9	27.2	32.0	30.1	31.3	28.1	32.6	30.0	---	---
23	26.8	23.4	30.4	27.5	32.6	29.9	32.0	28.9	33.3	30.9	---	---
24	27.2	24.1	30.3	28.0	32.7	30.3	32.3	29.8	33.6	31.2	---	---
25	26.7	24.8	31.0	27.8	32.8	30.3	31.9	29.9	33.1	31.2	---	---
26	27.2	25.0	31.1	28.3	33.5	30.9	31.2	29.5	31.5	30.5	---	---
27	26.1	24.3	31.7	29.0	34.3	30.6	31.8	29.5	32.7	30.3	---	---
28	25.3	23.3	31.1	28.5	32.4	30.7	32.8	29.5	32.4	30.5	---	---
29	25.6	23.0	32.2	29.0	31.9	29.9	32.2	29.8	32.6	30.0	---	---
30	27.6	23.8	32.8	29.8	32.2	29.6	32.3	29.7	31.6	30.0	---	---
31	---	---	32.7	29.9	---	---	32.2	29.8	32.5	29.7	---	---
MONTH	27.6	17.0	32.8	22.5	34.3	29.3	34.3	26.4	33.6	26.5	---	---

02310207 ANCLOTE RIVER AT HICKORY POINT AT ANCLOTE, FL.—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	36,500	6,710	44,100	36,100	44,200	28,900	---	---	38,600	35,700	45,300	40,300
2	37,100	8,210	45,100	37,800	44,500	30,300	---	---	39,000	35,700	43,800	39,600
3	37,400	9,870	46,500	37,800	43,000	25,000	---	---	41,300	35,000	41,100	38,700
4	37,600	8,100	47,400	38,300	42,500	33,600	---	---	40,100	34,500	40,100	37,700
5	38,000	14,700	48,100	37,300	41,900	27,100	---	---	39,200	33,800	41,500	29,000
6	39,000	15,000	46,400	39,300	42,100	28,800	---	---	37,800	33,800	38,100	35,600
7	40,600	18,000	44,300	37,900	43,800	21,000	---	---	39,200	33,700	40,500	35,100
8	42,200	23,000	39,000	37,000	45,100	30,800	---	---	40,600	34,800	40,900	36,400
9	43,500	29,300	38,500	36,000	46,000	27,600	---	---	41,900	35,600	40,800	34,800
10	---	---	38,500	35,000	46,300	24,700	---	---	42,500	38,000	40,300	35,600
11	---	---	40,100	36,000	46,600	35,700	---	---	41,400	35,700	40,300	36,800
12	---	---	43,900	36,200	46,200	32,900	---	---	36,400	33,900	40,700	36,800
13	---	---	44,300	36,200	45,600	33,000	---	---	38,300	34,800	42,300	38,000
14	---	---	44,200	35,800	46,600	28,300	---	---	40,100	35,900	43,400	37,000
15	---	---	42,400	35,600	43,600	35,200	---	---	41,800	36,600	44,800	37,000
16	---	---	40,800	36,100	41,600	37,600	---	---	42,700	36,700	45,100	38,100
17	---	---	38,800	37,000	40,200	35,700	---	---	43,100	38,400	44,300	40,500
18	---	---	39,500	37,400	40,500	38,800	---	---	43,300	35,700	43,500	27,800
19	---	---	40,700	35,800	40,200	38,400	---	---	42,900	36,800	42,900	33,100
20	---	---	44,000	36,000	39,900	34,500	---	---	43,200	37,800	42,300	34,500
21	---	---	45,200	37,200	39,900	36,500	---	---	44,000	38,300	42,300	35,700
22	---	---	45,700	39,300	---	---	---	---	44,500	38,600	44,100	36,800
23	---	---	46,300	40,200	---	---	---	---	45,000	39,600	44,000	36,500
24	---	---	47,400	41,200	---	---	---	---	45,200	40,800	44,000	36,600
25	---	---	47,300	41,000	---	---	---	---	44,900	40,700	44,200	37,100
26	---	---	45,200	29,600	---	---	---	---	45,200	40,900	44,700	37,100
27	---	---	45,500	27,600	---	---	---	---	45,100	41,500	45,400	39,000
28	---	---	45,500	26,500	---	---	---	---	44,700	41,600	46,100	39,000
29	42,600	35,500	43,900	32,800	---	---	39,200	35,400	---	---	46,000	35,800
30	41,800	35,800	43,900	27,400	---	---	39,800	37,100	---	---	46,500	36,300
31	42,000	35,700	---	---	---	---	39,900	36,400	---	---	47,000	37,100
MONTH	---	---	48,100	26,500	---	---	---	---	45,200	33,700	47,000	27,800
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	47,600	33,800	---	---	48,100	43,100	---	---	49,800	39,000	50,200	38,100
2	46,000	40,800	---	---	48,300	42,800	---	---	49,300	39,200	50,400	39,600
3	46,100	35,700	---	---	49,100	44,200	---	---	---	---	50,200	42,000
4	44,700	37,400	---	---	49,000	43,600	---	---	---	---	49,900	43,300
5	44,300	38,700	---	---	49,700	43,600	---	---	48,400	40,700	49,500	43,000
6	44,400	39,200	---	---	49,900	45,200	---	---	48,600	39,000	48,500	42,800
7	46,500	40,400	---	---	50,100	45,000	---	---	47,600	38,700	47,800	42,500
8	46,700	41,400	---	---	50,100	46,100	---	---	47,700	40,800	46,800	42,300
9	47,000	40,400	---	---	50,500	46,300	---	---	48,300	40,500	45,100	42,400
10	45,800	40,800	---	---	50,500	46,800	---	---	49,100	41,600	46,100	41,100
11	46,400	42,400	---	---	50,200	46,600	---	---	49,000	40,200	45,200	41,300
12	46,800	43,100	---	---	49,500	44,600	---	---	49,000	40,300	45,000	41,100
13	47,600	43,100	---	---	50,200	44,100	---	---	48,800	40,700	42,800	39,400
14	---	---	---	---	50,400	44,000	---	---	48,700	36,800	40,200	38,500
15	---	---	---	---	50,500	44,900	---	---	48,900	36,800	40,400	37,400
16	---	---	---	---	50,400	44,800	---	---	48,400	37,400	40,200	36,800
17	---	---	---	---	50,500	44,200	---	---	48,200	39,300	40,900	37,700
18	---	---	---	---	50,600	43,500	---	---	48,100	37,800	42,000	38,000
19	---	---	---	---	50,900	42,300	---	---	47,900	39,000	43,000	38,400
20	42,400	38,900	43,700	41,300	51,000	48,300	---	---	48,200	39,200	43,100	37,800
21	42,700	40,400	44,300	40,600	50,700	43,900	---	---	48,500	39,800	43,500	37,400
22	42,700	40,700	44,900	40,900	50,400	42,200	---	---	48,600	42,100	45,500	39,900
23	42,800	41,300	44,900	41,300	49,300	39,000	---	---	48,600	42,400	45,600	41,200
24	42,900	40,000	44,800	42,200	---	---	---	---	48,600	39,800	46,900	41,200
25	43,400	40,000	44,300	41,500	---	---	---	---	48,600	39,200	47,400	42,700
26	40,800	37,000	45,000	41,900	---	---	---	---	46,500	39,300	48,100	43,000
27	42,600	36,500	45,400	42,100	---	---	---	---	47,800	41,900	48,700	43,600
28	41,700	36,600	46,100	42,400	---	---	---	---	48,200	43,500	49,100	44,000
29	42,600	37,500	45,800	43,000	---	---	---	---	49,700	41,400	49,900	44,000
30	---	---	46,300	42,100	---	---	50,400	39,100	49,700	41,700	49,900	45,400
31	---	---	47,600	44,000	---	---	50,200	39,200	49,700	39,000	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	50,400	36,800

02310207 ANCLOTE RIVER AT HICKORY POINT AT ANCLOTE, FL.—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	43,100	35,100	---	---	38,100	16,300	45,800	41,400
2	---	---	42,400	36,000	43,500	37,100	---	---	38,500	17,100	44,600	40,900
3	---	---	43,700	31,000	42,200	27,500	---	---	41,300	11,900	41,500	39,600
4	---	---	44,500	26,500	42,000	27,700	---	---	39,600	12,500	40,400	38,300
5	---	---	45,000	24,900	41,400	27,700	---	---	38,500	34,100	39,500	20,500
6	---	---	43,500	28,200	41,800	27,300	---	---	38,400	33,800	38,000	24,100
7	---	---	41,500	23,200	43,600	27,700	---	---	38,900	33,800	40,600	24,900
8	40,400	25,300	36,600	23,000	43,400	26,000	---	---	40,400	17,400	41,100	26,200
9	---	---	36,200	21,700	45,300	23,300	---	---	41,900	34,900	41,100	35,900
10	---	---	36,300	20,900	45,800	28,400	---	---	42,400	16,900	40,700	36,800
11	---	---	38,000	22,800	46,200	40,000	---	---	41,200	35,600	40,800	35,300
12	---	---	41,700	23,500	45,700	24,000	---	---	36,300	33,800	41,100	37,400
13	---	---	42,600	30,500	44,600	29,100	---	---	38,400	34,600	42,800	31,100
14	---	---	41,900	26,700	45,100	26,800	---	---	40,100	23,700	44,100	38,600
15	---	---	40,500	34,600	42,500	25,300	---	---	42,500	15,500	45,500	28,300
16	---	---	38,200	25,500	40,900	24,800	---	---	43,300	37,600	45,900	39,400
17	---	---	36,900	23,500	39,300	23,300	---	---	43,000	14,400	45,500	25,800
18	---	---	37,500	28,500	40,000	23,300	---	---	43,300	14,900	44,900	28,600
19	---	---	39,500	28,400	39,600	25,300	---	---	42,200	38,600	43,700	36,400
20	---	---	42,700	21,500	39,200	23,400	---	---	42,100	38,100	43,100	36,900
21	---	---	43,600	23,800	40,000	31,600	---	---	44,500	38,600	43,100	37,400
22	---	---	44,200	28,000	---	---	---	---	44,600	39,100	44,900	38,300
23	---	---	44,700	28,200	---	---	---	---	45,100	40,100	45,100	37,000
24	---	---	45,800	28,200	---	---	---	---	45,400	41,400	45,400	26,400
25	---	---	45,500	26,100	---	---	---	---	45,100	41,100	44,900	24,500
26	---	---	43,700	22,300	---	---	---	---	45,500	41,300	45,500	28,400
27	---	---	44,200	31,100	---	---	---	---	45,300	42,000	46,300	28,900
28	---	---	44,200	34,200	---	---	---	---	45,200	42,000	47,200	40,100
29	---	---	43,300	35,200	---	---	38,700	35,200	---	---	47,200	39,600
30	---	---	42,900	36,800	---	---	39,700	24,100	---	---	47,400	39,600
31	---	---	---	---	---	---	39,700	20,700	---	---	48,200	31,600
MONTH	---	---	---	---	---	---	---	---	45,500	11,900	48,200	20,500
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	48,700	37,900	---	---	47,600	40,000	---	---	47,600	39,500	49,800	42,100
2	47,200	41,300	---	---	48,100	41,100	---	---	47,600	40,800	49,800	43,500
3	47,400	40,000	---	---	48,700	42,800	---	---	---	---	49,600	43,900
4	45,900	41,000	---	---	48,700	39,700	---	---	---	---	49,200	44,900
5	44,200	19,600	---	---	49,400	44,400	---	---	47,700	41,400	48,900	43,600
6	46,300	19,600	---	---	49,700	45,200	---	---	48,200	40,700	47,900	43,800
7	47,800	41,700	---	---	49,900	45,900	---	---	47,100	39,800	e47,100	e42,700
8	47,900	31,200	---	---	49,800	46,200	---	---	47,100	41,700	46,200	42,600
9	48,100	29,200	---	---	50,200	46,800	---	---	47,800	41,800	44,100	41,400
10	47,100	32,700	---	---	50,200	47,100	---	---	48,500	42,700	45,700	41,300
11	47,900	44,300	---	---	49,700	33,900	---	---	48,700	42,800	45,200	41,600
12	48,200	44,500	---	---	48,500	45,400	---	---	48,600	42,200	44,700	41,400
13	49,200	32,400	---	---	49,200	44,600	---	---	48,500	42,100	42,900	39,400
14	---	---	---	---	50,100	45,500	---	---	48,500	41,500	40,200	38,500
15	---	---	---	---	50,200	45,700	---	---	48,700	40,000	40,300	37,800
16	---	---	---	---	50,400	45,100	---	---	48,300	40,200	40,000	37,900
17	---	---	---	---	50,400	40,300	---	---	48,200	39,500	40,900	38,000
18	---	---	---	---	50,600	45,700	---	---	48,300	40,000	42,000	38,300
19	---	---	---	---	50,600	44,900	---	---	47,900	41,100	42,900	39,300
20	41,400	28,600	43,500	41,200	50,300	45,200	---	---	47,700	41,200	42,900	39,700
21	42,600	27,800	44,100	40,600	50,600	45,200	---	---	47,700	42,800	43,800	39,500
22	42,500	40,600	44,500	40,700	50,000	43,400	---	---	47,900	43,600	44,800	40,300
23	42,700	41,100	44,600	41,100	49,800	37,900	---	---	47,900	44,100	45,800	41,400
24	42,800	39,900	44,500	41,900	---	---	---	---	48,000	43,600	46,600	41,400
25	42,600	40,000	44,000	41,800	---	---	---	---	48,000	42,200	47,200	41,800
26	41,400	37,300	44,700	42,000	---	---	---	---	45,900	40,100	47,900	42,900
27	42,800	37,100	45,200	41,200	---	---	---	---	47,500	43,400	48,200	42,300
28	---	---	45,900	42,300	---	---	---	---	47,400	43,900	48,500	44,600
29	---	---	45,500	42,700	---	---	---	---	49,100	42,000	49,200	44,500
30	---	---	46,000	43,000	---	---	47,000	38,400	49,100	42,300	49,400	46,100
31	---	---	47,300	42,500	---	---	47,200	39,100	49,200	40,900	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	49,800	37,800

e Estimated

02310207 ANCLOTE RIVER AT HICKORY POINT AT ANCLOTE, FL.—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	30.9	27.6	27.5	26.2	22.0	20.8	---	---	17.7	16.1	20.5	17.1
2	30.5	28.0	27.6	26.3	22.9	21.1	---	---	17.6	16.2	19.9	15.8
3	31.1	28.2	28.5	26.3	21.6	19.6	---	---	18.8	16.8	17.0	14.7
4	31.5	28.6	28.9	26.4	20.4	17.9	---	---	18.2	15.9	19.6	14.5
5	31.1	28.2	26.9	23.9	20.3	17.4	---	---	18.1	14.6	19.5	15.1
6	30.2	27.3	25.1	22.6	20.6	18.6	---	---	17.1	14.7	20.2	16.0
7	29.6	26.5	24.0	21.2	21.6	19.5	---	---	17.4	15.2	20.8	17.4
8	29.1	25.8	23.4	20.7	23.2	20.5	---	---	18.2	16.4	20.0	18.2
9	28.3	26.2	22.9	21.5	23.5	21.2	---	---	19.3	17.1	18.2	15.7
10	---	---	23.1	21.0	22.9	22.1	---	---	18.8	17.3	18.3	15.0
11	---	---	22.9	21.1	22.1	19.1	---	---	17.5	13.8	19.7	16.5
12	---	---	23.1	21.6	19.3	17.8	---	---	15.5	12.8	19.6	16.6
13	---	---	24.0	22.4	19.8	17.6	---	---	16.5	13.8	20.7	17.2
14	---	---	24.0	22.7	19.2	15.3	---	---	17.7	15.2	20.4	19.2
15	---	---	23.7	22.2	---	---	---	---	19.4	16.8	20.7	19.4
16	---	---	22.9	20.9	15.6	12.4	---	---	20.6	18.0	20.6	20.0
17	---	---	23.3	20.5	15.6	14.6	---	---	20.4	19.0	20.3	19.6
18	---	---	24.9	20.7	17.8	14.9	---	---	20.2	17.9	21.9	18.9
19	---	---	24.4	21.1	18.6	15.3	---	---	18.8	16.2	20.8	17.6
20	---	---	24.3	21.4	15.9	13.5	---	---	19.5	16.0	21.5	17.0
21	---	---	24.3	22.1	14.4	12.1	---	---	19.9	17.3	20.5	19.3
22	---	---	24.3	22.5	---	---	---	---	21.6	18.8	23.5	19.6
23	---	---	24.2	22.9	---	---	---	---	22.0	19.8	22.2	21.2
24	---	---	23.9	22.9	---	---	---	---	21.0	20.5	22.1	20.8
25	---	---	23.3	21.6	---	---	---	---	20.8	20.3	23.0	21.7
26	---	---	21.6	18.8	---	---	---	---	20.3	19.3	24.4	22.5
27	---	---	19.6	18.8	---	---	---	---	20.5	19.1	24.9	22.9
28	---	---	20.8	19.1	---	---	---	---	21.0	19.0	24.3	21.4
29	27.3	25.2	21.0	19.1	---	---	17.2	16.2	---	---	23.6	20.1
30	27.7	25.7	21.6	19.8	---	---	18.7	16.6	---	---	23.8	20.3
31	27.9	26.1	---	---	---	---	18.3	16.2	---	---	25.3	22.1
MONTH	---	---	28.9	18.8	---	---	---	---	22.0	12.8	25.3	14.5
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.5	22.9	---	---	28.6	27.2	31.6	29.6	33.3	30.0	30.7	29.5
2	24.5	21.6	---	---	28.6	26.0	31.5	29.9	33.2	30.4	31.2	29.5
3	22.9	18.8	---	---	28.6	26.7	31.9	29.9	---	---	31.4	29.4
4	23.3	18.6	---	---	27.7	26.5	32.6	30.2	---	---	31.3	29.1
5	24.0	20.0	---	---	29.7	26.2	33.1	30.5	---	---	30.0	28.5
6	24.9	21.9	---	---	30.4	27.9	33.0	30.9	33.5	30.7	30.3	27.8
7	23.8	22.5	---	---	31.6	28.6	32.6	31.0	31.5	29.7	29.6	28.1
8	24.2	22.0	---	---	31.4	29.5	32.0	30.6	31.3	28.8	29.2	27.8
9	24.7	21.9	---	---	30.5	29.1	31.0	27.7	31.2	29.3	29.9	27.3
10	25.3	22.4	---	---	29.2	27.2	28.0	26.4	32.4	29.7	30.4	27.9
11	24.8	22.4	---	---	29.0	26.2	29.6	26.8	33.5	30.0	31.1	28.5
12	25.1	22.6	---	---	28.7	27.6	29.7	28.2	33.2	31.2	31.4	28.5
13	25.0	22.7	---	---	30.1	27.6	30.8	28.6	33.5	30.9	31.2	28.7
14	---	---	---	---	---	---	30.8	29.0	33.6	31.8	30.6	27.9
15	---	---	---	---	---	---	31.2	28.5	33.7	30.6	30.7	28.5
16	---	---	---	---	33.2	30.4	31.0	29.4	34.0	31.4	30.9	28.7
17	---	---	---	---	33.0	30.1	31.6	29.4	33.1	31.4	30.7	29.0
18	---	---	---	---	32.1	30.4	31.7	30.2	33.3	31.4	31.0	29.1
19	---	---	---	---	32.6	29.4	31.9	30.3	33.0	31.3	31.2	29.3
20	24.1	21.0	30.1	27.6	31.5	29.8	32.3	29.9	32.7	31.0	30.1	28.3
21	25.0	22.2	30.1	27.4	---	---	32.0	29.9	33.0	30.4	29.6	28.1
22	25.8	23.0	29.7	27.5	---	---	32.8	30.5	32.5	31.3	28.5	27.7
23	24.3	22.6	30.4	27.6	---	---	31.8	30.7	32.7	30.8	28.4	27.4
24	23.1	20.4	28.9	27.3	29.8	27.9	32.0	30.2	32.8	30.5	29.3	27.4
25	22.4	19.5	29.4	27.2	29.3	27.8	32.0	30.3	32.7	30.4	29.9	27.5
26	21.6	20.3	28.4	26.6	30.5	28.4	32.2	30.2	32.2	29.7	31.4	28.0
27	22.6	20.4	29.2	26.4	30.3	29.4	---	---	30.7	29.0	31.2	28.5
28	23.9	20.5	30.0	27.4	30.4	29.0	---	---	31.0	28.7	30.7	28.3
29	24.9	21.7	30.6	27.5	30.2	29.1	---	---	31.1	28.6	30.5	28.2
30	---	---	31.8	28.5	30.7	28.7	32.5	30.4	31.9	29.0	30.5	28.7
31	---	---	30.1	28.5	---	---	32.0	29.4	31.7	29.6	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	31.4	27.3

02310207 ANCLOTE RIVER AT HICKORY POINT AT ANCLOTE, FL.—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	21.9	20.9	---	---	17.7	16.1	20.5	17.3
2	---	---	27.7	26.4	22.2	21.1	---	---	17.6	16.2	19.2	16.0
3	---	---	27.8	26.4	21.7	20.1	---	---	18.6	16.8	17.2	14.8
4	---	---	28.4	26.5	20.3	18.3	---	---	18.2	16.0	18.9	14.4
5	---	---	26.7	24.4	19.7	17.5	---	---	17.7	14.4	18.5	15.5
6	---	---	25.1	22.7	20.6	18.6	---	---	17.1	14.6	19.1	16.7
7	---	---	24.1	21.7	21.7	19.5	---	---	17.4	15.6	20.7	17.8
8	27.9	26.4	23.3	20.7	23.2	20.5	---	---	18.2	16.5	20.0	18.2
9	28.3	26.2	22.9	21.4	23.6	21.4	---	---	19.3	17.1	18.3	15.7
10	---	---	23.0	20.9	22.9	22.1	---	---	18.7	17.3	18.1	15.3
11	---	---	22.9	21.1	22.1	19.2	---	---	17.3	13.5	19.7	16.6
12	---	---	23.0	21.7	19.3	17.7	---	---	15.6	12.9	19.6	16.9
13	---	---	24.0	22.4	19.7	17.6	---	---	16.5	13.8	20.7	17.3
14	---	---	24.1	22.5	19.2	16.1	---	---	17.7	15.3	20.4	19.3
15	---	---	23.8	22.2	16.1	13.1	---	---	19.3	17.0	20.6	19.8
16	---	---	22.8	21.3	15.7	12.3	---	---	20.2	18.0	20.5	20.0
17	---	---	22.4	20.6	15.7	14.6	---	---	20.1	19.0	20.4	19.6
18	---	---	23.6	20.7	17.3	15.0	---	---	19.6	17.9	21.4	19.1
19	---	---	24.2	21.1	18.1	15.3	---	---	18.5	16.1	20.4	18.1
20	---	---	24.1	21.6	15.3	13.4	---	---	19.1	16.6	21.5	18.5
21	---	---	24.4	22.1	14.3	12.0	---	---	19.9	17.7	20.5	19.3
22	---	---	24.4	22.6	---	---	---	---	21.5	18.9	23.2	19.6
23	---	---	24.2	23.0	---	---	---	---	21.9	19.9	22.2	21.2
24	---	---	23.9	22.9	---	---	---	---	21.0	20.5	22.1	20.8
25	---	---	23.4	21.6	---	---	---	---	20.8	20.1	23.0	21.7
26	---	---	21.6	18.6	---	---	---	---	20.1	19.3	24.4	22.5
27	---	---	19.7	18.8	---	---	---	---	20.4	19.1	24.9	22.9
28	---	---	20.8	19.2	---	---	---	---	20.8	19.0	24.4	21.1
29	---	---	21.0	19.3	---	---	17.2	16.2	---	---	23.5	20.2
30	---	---	21.5	19.9	---	---	18.0	16.6	---	---	23.8	20.5
31	---	---	---	---	---	---	18.3	16.3	---	---	25.2	22.2
MONTH	---	---	---	---	---	---	---	---	21.9	12.9	25.2	14.4
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.2	22.9	---	---	28.6	27.2	31.6	29.6	33.2	30.0	30.7	29.8
2	24.6	21.7	---	---	28.6	26.0	31.5	30.0	33.2	30.7	31.3	29.5
3	21.8	18.7	---	---	28.6	26.7	31.9	30.0	---	---	31.4	29.4
4	22.4	18.5	---	---	27.7	26.5	32.6	30.3	---	---	31.3	29.4
5	23.9	20.6	---	---	29.4	26.3	33.1	30.6	33.1	30.7	29.8	28.6
6	24.7	21.9	---	---	30.3	27.9	33.0	31.0	33.5	30.8	30.2	28.0
7	24.0	22.5	---	---	31.6	28.7	32.6	31.0	31.4	29.7	29.6	27.9
8	24.2	21.9	---	---	31.4	29.6	32.0	30.7	31.3	28.9	29.1	28.0
9	24.7	21.9	---	---	30.5	29.1	31.0	27.7	31.2	29.4	29.5	27.5
10	25.3	22.6	---	---	29.1	27.1	28.1	26.4	32.3	29.8	30.4	28.0
11	24.8	22.3	---	---	29.0	26.3	29.5	26.8	32.9	30.2	30.9	28.6
12	25.1	22.7	---	---	28.7	27.6	29.7	28.2	33.3	31.2	31.8	28.6
13	25.0	22.7	---	---	30.1	27.7	30.4	28.8	33.8	31.0	31.4	28.8
14	---	---	---	---	31.3	28.8	30.9	29.1	33.4	31.8	30.5	28.0
15	---	---	---	---	33.2	29.9	31.2	28.5	33.9	30.7	30.5	28.5
16	---	---	---	---	33.1	30.4	31.1	29.4	34.2	31.4	30.8	28.8
17	---	---	---	---	33.5	30.2	31.7	29.4	33.3	31.6	30.7	29.0
18	---	---	---	---	32.1	30.4	31.8	30.6	33.4	31.6	31.0	29.2
19	---	---	---	---	32.3	29.7	32.0	30.3	33.0	31.5	31.3	29.4
20	24.0	20.8	30.2	27.7	31.5	29.8	32.3	30.0	32.8	31.1	30.1	28.7
21	24.9	22.1	30.1	27.4	30.7	29.3	32.0	29.9	33.0	30.5	29.5	28.3
22	25.8	22.9	29.6	27.5	30.4	28.7	32.9	30.5	32.5	31.3	28.5	28.0
23	24.3	22.6	30.3	27.5	30.5	28.3	31.8	30.7	32.8	30.9	28.3	27.5
24	22.9	20.3	28.9	27.3	29.8	27.9	32.0	30.2	32.8	30.5	29.4	27.5
25	22.2	19.4	29.4	27.2	29.4	28.0	32.0	30.3	32.4	31.0	29.7	27.7
26	21.5	20.3	28.4	26.6	30.5	28.6	32.3	30.4	31.8	30.0	31.1	28.1
27	22.6	20.4	29.2	26.4	30.3	29.5	---	---	30.3	29.1	31.4	28.7
28	23.9	20.6	29.8	27.4	30.4	29.2	---	---	30.8	28.8	30.8	28.4
29	24.9	21.7	30.4	27.6	30.2	29.1	---	---	31.1	28.7	30.5	28.3
30	---	---	30.8	28.4	30.8	28.7	32.4	30.5	31.9	29.2	30.6	28.9
31	---	---	30.2	28.6	---	---	31.9	29.5	31.7	29.6	---	---
MONTH	---	---	---	---	33.5	26.0	---	---	---	---	31.8	27.5

02310240 JUMPING GULLY AT LOYCE, FL.

LOCATION.--Lat 28° 23'06", long 82° 29'22" (1927 North American datum), in NE$^{1}/_{4}$ sec.22, T.24 S., R.18 E., Pasco County, Hydrologic Unit 03100207, at center of span on upstream side of bridge on U. S. Highway 41, 100 ft downstream from concrete structure at outlet of Pasco Lake, 0.3 mi north of Loyce, 2.7 mi upstream from mouth, and 4.4 mi southwest of Masaryktown.

DRAINAGE AREA.--43 mi^2.

PERIOD OF RECORD.--May 1964 to September 1986; October 1986 to September 1990 (gage heights only); January 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is 60.00 ft above National Geodetic Vertical Datum of 1929. Prior to Feb. 11, 1970, nonrecording gage at same site at datum 60.00 ft lower.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Revised drainage area of 312 mi^2, published in WRD FL-98-3A, and WRD FL-99-3A is in error and should not be used. Correct drainage area is 43 mi^2. WDR 1992 through WDR 2002 period of record gage height at present datum. Maximum discharge, 29 cfs, gage height, 3.93 ft, Oct. 1, 2, occurred on recession of peak of Sept. 27, 2004 in previous water year. Maximum independent peak, 1.1 cfs, gage height, 3.16 ft occurred Aug. 6.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	29	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	26	0.04	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	24	0.03	0.00	e0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	22	0.05	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	19	0.01	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
7	18	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	e16	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	e14	0.00	e0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	e12	0.00	e0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	e12	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	e10	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	e8.5	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	e7.1	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	e4.8	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	2.7	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	2.2	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	1.7	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	1.4	0.00	0.00	0.00	e0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	1.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	2.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	1.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	1.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	1.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.32	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.27	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.19	---	0.00	0.00	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	269.26	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
MEAN	8.69	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX	29	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
MIN	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CFSM	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IN.	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 2005, BY WATER YEAR (WY)

MEAN	10.8	2.20	2.11	2.82	4.57	5.20	1.98	0.41	1.22	3.97	11.2	14.9
MAX	66.7	23.6	40.1	49.8	54.0	33.9	13.4	8.82	16.5	45.5	112	59.7
(WY)	(1970)	(1970)	(1970)	(1970)	(1970)	(1998)	(1970)	(1979)	(1976)	(1974)	(1965)	(1979)
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(WY)	(1973)	(1968)	(1968)	(1968)	(1968)	(1968)	(1968)	(1967)	(1965)	(1967)	(1973)	(1972)

02310240 JUMPING GULLY AT LOYCE, FL.—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1965 - 2005	
ANNUAL TOTAL	705.37		269.59			
ANNUAL MEAN	1.93		0.74		5.13	
HIGHEST ANNUAL MEAN					25.6	1970
LOWEST ANNUAL MEAN					0.00	2001
HIGHEST DAILY MEAN	36	Sep 27	29	Oct 2	226	Sep 30, 1979
LOWEST DAILY MEAN	0.00	Many days	0.00	Many days	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.00	Jan 1	0.00	Nov 7	0.00	May 3, 1965
MAXIMUM PEAK FLOW			1.1	Aug 6	350	Oct 10, 1975
MAXIMUM PEAK STAGE			3.16	Aug 6	4.30	Mar 19, 1998
ANNUAL RUNOFF (CFSM)	0.045		0.017		0.119	
ANNUAL RUNOFF (INCHES)	0.61		0.23		1.62	
10 PERCENT EXCEEDS	5.5		0.02		17	
50 PERCENT EXCEEDS	0.00		0.00		0.00	
90 PERCENT EXCEEDS	0.00		0.00		0.00	

e Estimated

02310280 PITHLACHASCOTEE RIVER NEAR FIVAY JUNCTION, FL.

LOCATION.--Lat 28° 19'44", long 82° 32'13" (1927 North American datum), in NE$^{1}/_{4}$ sec.7, T.25 S., R.18 E., Pasco County, Hydrologic Unit 03100207, at bridge on State Highway 52, 1.2 mi west of Fivay Junction, 3.5 mi above Fivemile Creek, and 21 mi upstream from mouth.

DRAINAGE AREA.--150 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--March 1964 to October 1966 (discharge measurements and crest-stage partial records); November 1966 to September 1972 (discharge measurements only); October 1972 to September 1978 (gage heights and periodic discharge measurements only); October 1978 to September 1983 (discharge measurements only); October 1983 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Feb. 12, 1968, nonrecording gage 20 ft downstream and Feb. 12, 1968, to Sept. 30, 1972, nonrecording gage at present site and datum; Oct. 1, 1972, to Sept. 30, 1978, water-stage recorder at present site at datum 40.00 ft higher; Oct. 1, 1978, to Sept. 30, 1983, nonrecording gage at present site and datum.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. WDR 1992 through WDR 2002 period of record gage height at present datum. Maximum discharge 65 cfs, Oct. 1, stage falling, peak occured Sept. 27, 2004; maximum peak discharge, 17 cfs Aug. 14, gage height, 51.89 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	62	e3.6	e9.6	3.1	2.9	6.2	4.7	2.4	1.7	5.9	12	7.2
2	58	e3.6	e8.6	3.1	2.7	5.3	5.9	2.4	1.5	6.0	11	9.2
3	55	e3.2	6.7	2.9	2.6	4.8	6.3	2.0	1.1	5.9	9.1	8.7
4	52	e3.2	6.3	2.9	2.4	5.1	5.3	2.3	0.96	5.0	7.2	7.5
5	49	e2.6	5.8	2.8	2.3	4.9	4.7	3.2	1.2	4.1	5.6	6.3
6	44	e2.3	5.2	2.7	2.2	4.5	4.1	2.9	1.1	3.2	4.5	5.3
7	40	e2.0	5.0	2.6	2.1	4.0	3.6	2.4	1.1	2.6	7.5	4.5
8	36	e1.7	4.8	2.6	2.0	3.7	3.3	1.9	1.5	2.1	12	3.8
9	32	e1.7	4.7	2.5	1.9	3.7	2.9	1.6	1.1	2.3	15	3.3
10	32	e1.3	4.6	2.4	1.9	4.4	2.7	1.3	1.0	3.4	14	2.8
11	31	e1.0	4.6	2.4	1.8	4.1	2.4	0.98	1.5	5.6	13	2.2
12	29	e0.72	4.6	2.3	1.7	3.7	2.0	0.76	2.1	10	12	1.8
13	26	e1.0	4.4	2.2	1.6	3.3	1.8	0.58	3.5	9.9	11	1.4
14	e23	e1.0	4.1	6.0	1.6	4.0	1.5	0.45	2.3	7.2	12	1.1
15	e20	e1.0	3.7	7.8	1.5	5.4	1.3	0.48	1.6	6.3	15	0.90
16	e18	e1.0	3.5	7.1	1.4	5.2	1.1	0.68	1.1	13	13	0.72
17	e16	e0.72	3.3	6.8	1.3	7.7	0.94	0.46	0.78	15	12	0.61
18	e14	e1.0	3.2	6.6	1.3	8.8	0.83	0.33	0.52	14	11	0.52
19	e13	e1.0	3.1	6.3	1.3	7.8	0.73	0.23	0.39	12	10	0.41
20	e10	e1.0	2.9	6.0	1.2	7.3	0.64	0.16	0.71	9.2	11	0.33
21	e9.6	e1.0	2.8	5.7	1.1	6.8	0.54	0.11	2.1	7.8	15	0.42
22	e8.9	e1.0	2.6	5.4	1.0	6.5	0.49	0.13	2.2	8.6	15	0.70
23	e8.3	e0.72	2.5	5.2	0.97	7.0	0.61	0.08	2.4	6.6	13	0.65
24	e7.7	e1.7	2.5	4.4	0.97	7.5	0.95	0.05	4.1	6.4	11	0.55
25	e6.7	e15	2.8	4.2	2.4	7.0	0.71	0.07	3.1	5.7	8.8	0.40
26	e6.1	e15	3.8	4.0	4.5	7.6	1.2	0.02	2.3	4.6	7.3	0.31
27	e5.8	e13	3.9	3.9	5.6	7.3	5.4	0.00	2.1	3.7	6.9	0.27
28	e4.8	e16	3.8	3.6	7.8	6.7	4.5	0.00	3.5	2.9	6.5	0.22
29	e4.8	e13	3.6	3.5	---	6.2	3.0	0.00	3.9	3.2	6.0	0.28
30	e4.2	e11	3.4	3.4	---	5.7	2.3	0.00	6.9	4.9	5.6	0.36
31	e3.9	---	3.3	3.1	---	5.2	---	0.44	---	13	5.8	---
TOTAL	730.8	122.06	133.7	127.5	62.04	177.4	76.44	28.41	59.36	210.1	318.8	72.75
MEAN	23.6	4.07	4.31	4.11	2.22	5.72	2.55	0.92	1.98	6.78	10.3	2.42
MAX	62	16	9.6	7.8	7.8	8.8	6.3	3.2	6.9	15	15	9.2
MIN	3.9	0.72	2.5	2.2	0.97	3.3	0.49	0.00	0.39	2.1	4.5	0.22
IN.	0.18	0.03	0.03	0.03	0.02	0.04	0.02	0.01	0.01	0.05	0.08	0.02

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2005, BY WATER YEAR (WY)

MEAN	6.00	3.08	5.65	7.38	6.16	8.09	4.00	1.34	2.15	7.60	10.8	14.7
MAX	23.6	16.5	45.0	59.1	52.4	53.1	35.4	18.6	14.0	27.5	43.2	77.2
(WY)	(2005)	(1989)	(1998)	(1998)	(1998)	(1998)	(1987)	(1987)	(2003)	(1987)	(2003)	(1988)
MIN	0.45	0.04	0.14	0.31	0.32	0.05	0.00	0.00	0.00	0.41	1.49	1.17
(WY)	(2001)	(2001)	(2001)	(1997)	(1997)	(2000)	(2000)	(1985)	(1998)	(1992)	(1993)	(1999)

02310280 PITHLACHASCOTEE RIVER NEAR FIVAY JUNCTION, FL.—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1984 - 2005	
ANNUAL TOTAL	4,188.37		2,119.36			
ANNUAL MEAN	11.4		5.81		6.42	
HIGHEST ANNUAL MEAN					21.2	1998
LOWEST ANNUAL MEAN					1.04	2000
HIGHEST DAILY MEAN	129	Sep 7	62	Oct 1	242	Sep 9, 1988
LOWEST DAILY MEAN	0.00	Many days	0.00	Many days	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.00	May 27	0.02	May 24	0.00	Apr 27, 1985
MAXIMUM PEAK FLOW			17	Aug 14	294	Sep 9, 1988
MAXIMUM PEAK STAGE			51.89	Aug 14	54.37	Sep 9, 1988
ANNUAL RUNOFF (INCHES)	1.04		0.53		0.58	
10 PERCENT EXCEEDS	30		12		17	
50 PERCENT EXCEEDS	4.4		3.5		1.8	
90 PERCENT EXCEEDS	0.50		0.65		0.00	

e Estimated

02310280 PITHLACHASCOTEE RIVER NEAR FIVAY JUNCTION, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1964, 1966-68, 1970 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Color, water, fltrd, Pt-Co units (00080)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
DEC													
08...	0915	51.40	4.7	--	766	4.4	6.5	90	18.3	--	--	--	--
FEB													
10...	0815	51.17	1.9	--	--	6.6	7.1	103	15.9	--	--	--	--
APR													
14...	1035	51.10	1.6	175	758	5.6	6.6	101	17.9	12.2	1.36	.59	6.12
MAY													
19...	0810	50.87	.28	--	--	--	--	--	--	--	--	--	--
JUL													
21...	1210	51.59	8.1	--	--	2.7	6.9	90	26.2	--	--	--	--
SEP													
07...	0810	51.41	4.5	175	--	296	8.4	93	25.0	12.6	1.19	1.08	4.64

Date	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, wat unf by analysis, mg/L (62855)	Strontium, water, fltrd, ug/L (01080)
DEC												
08...	--	--	--	--	--	E.02	<.06	<.008	<.02	.04	1.08	--
FEB												
10...	--	--	--	--	--	E.03	E.04	<.008	E.01	.04	.86	--
APR												
14...	12.3	E.1	2.55	.9	100	E.03	E.04	E.005	E.01	.04	.87	21.1
MAY												
19...	--	--	--	--	--	.06	.07	<.008	E.01	.06	.96	--
JUL												
21...	--	--	--	--	--	E.02	<.06	E.004	<.02	.23	3.07	--
SEP												
07...	8.76	E.1	4.70	1.2	105	E.02	<.06	E.004	.03	.08	1.09	19.6

<--Less than
E--Estimated

02310300 PITHLACHASCOTEE RIVER NEAR NEW PORT RICHEY, FL.

LOCATION.--Lat 28° 15'23", long 82° 38'33" (1927 North American datum), in NW$^{1}/_{4}$ sec.6, T.26 S., R.17 E., Pasco County, Hydrologic Unit 03100207, near left bank on upstream side of bridge on private road, 4.9 mi east of New Port Richey, and 10.5 mi upstream from mouth. Prior to May 27, 1981, at site 1.1 mi downstream.

DRAINAGE AREA.--180 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--March 1963 to current year. March 1963 to May 1981, at site 1.1 mi downstream not equivalent due to differences in base flow characteristics of the different drainage areas.

REVISED RECORDS.--WRD FL 1966: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929 (Southwest Florida Water Management District bench mark). Prior to May 27, 1981, at site 1.1 mi downstream at datum 7.06 ft higher.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. WDR 1992 through WDR 2002 period of record gage height at present datum. Maximum discharge of 205 cfs, 21.73 ft, on Oct. 1 on recession of peak on Sept. 28, 2004; maximum independent peak of 77 cfs, 20.56 ft occured on July 16.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	182	13	20	8.9	7.2	19	16	7.2	1.9	26	6.6	29
2	163	12	18	8.4	6.6	17	18	7.3	1.1	33	11	24
3	140	11	16	7.9	6.2	15	16	5.8	0.92	33	17	20
4	125	11	15	7.3	5.8	14	14	6.3	1.1	24	18	20
5	112	e10	14	6.8	5.3	12	13	8.3	2.9	17	16	17
6	102	8.9	13	6.4	5.0	10	11	7.6	2.7	14	14	15
7	94	8.1	12	6.2	4.7	8.9	9.9	6.6	1.9	11	13	12
8	85	7.5	12	6.0	4.4	9.6	8.7	5.6	1.4	8.4	15	10
9	76	6.8	11	5.8	4.0	12	7.4	4.6	3.0	10	16	8.3
10	69	6.4	10	5.5	3.7	13	6.3	3.5	5.4	23	17	6.7
11	64	6.0	10	5.4	3.2	11	5.4	2.6	6.6	25	23	5.2
12	62	5.6	9.0	5.3	2.9	9.9	4.4	1.8	10	25	24	3.8
13	59	5.6	8.7	4.9	2.7	8.7	3.8	1.2	25	53	25	2.8
14	57	5.4	8.4	21	2.5	13	3.1	0.88	29	56	29	1.8
15	54	4.8	7.9	26	2.5	21	2.5	0.66	18	70	46	1.2
16	49	4.7	7.5	24	2.4	18	1.9	0.55	11	70	44	0.78
17	44	4.7	7.5	25	2.2	34	1.4	0.51	8.1	46	53	0.51
18	38	4.3	7.4	22	2.0	44	1.1	0.50	5.8	33	53	0.32
19	34	3.9	7.1	20	1.8	39	0.93	0.43	3.9	33	38	0.20
20	31	3.6	6.6	18	1.6	36	0.76	0.38	2.9	37	47	0.12
21	30	3.4	6.1	17	1.5	33	0.64	0.34	e2.5	34	69	0.09
22	27	3.3	5.9	15	1.4	30	0.58	0.32	7.7	26	58	0.12
23	24	3.3	5.8	14	1.4	32	0.56	0.31	15	21	50	0.14
24	22	3.3	5.7	13	1.5	34	0.55	0.28	26	22	39	0.13
25	20	25	7.2	12	3.6	32	0.49	0.30	13	43	30	0.10
26	19	26	11	11	10	34	1.2	0.23	9.5	30	25	0.09
27	18	23	12	11	18	34	8.2	0.21	11	18	25	0.08
28	17	27	11	9.8	24	31	9.2	0.20	16	13	34	0.08
29	16	26	11	9.4	---	26	8.4	0.18	18	10	26	4.9
30	15	23	10	8.7	---	22	7.2	0.13	22	8.2	22	5.5
31	14	---	9.4	7.8	---	19	---	0.80	---	7.3	22	---
TOTAL	1,862	306.6	316.2	369.5	138.1	692.1	182.61	75.61	283.32	879.9	925.6	189.96
MEAN	60.1	10.2	10.2	11.9	4.93	22.3	6.09	2.44	9.44	28.4	29.9	6.33
MAX	182	27	20	26	24	44	18	8.3	29	70	69	29
MIN	14	3.3	5.7	4.9	1.4	8.7	0.49	0.13	0.92	7.3	6.6	0.08
CFSM	0.33	0.06	0.06	0.07	0.03	0.12	0.03	0.01	0.05	0.16	0.17	0.04
IN.	0.38	0.06	0.07	0.08	0.03	0.14	0.04	0.02	0.06	0.18	0.19	0.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2005, BY WATER YEAR (WY)

MEAN	26.0	10.3	19.7	24.0	28.5	30.2	12.8	6.28	13.0	29.5	56.7	71.2
MAX	120	75.8	296	178	183	190	102	98.7	126	151	266	329
(WY)	(1996)	(1998)	(1998)	(1998)	(1998)	(1998)	(1987)	(1979)	(1974)	(1974)	(1965)	(1988)
MIN	0.81	0.24	0.41	0.39	0.79	0.17	0.00	0.00	0.00	0.00	3.06	2.84
(WY)	(2001)	(2001)	(2000)	(2001)	(1997)	(2000)	(2000)	(1985)	(2000)	(1981)	(1989)	(1999)

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1964 - 2005	
ANNUAL TOTAL	19,966.52		6,221.50			
ANNUAL MEAN	54.6		17.0		27.3	
HIGHEST ANNUAL MEAN					88.5	1998
LOWEST ANNUAL MEAN					3.01	1997
HIGHEST DAILY MEAN	911	Sep 7	182	Oct 1	1,420	Sep 9, 1988
LOWEST DAILY MEAN	0.07	Jun 7	0.08	Sep 27	0.00	Many days
ANNUAL SEVEN-DAY MINIMUM	0.12	Jun 2	0.11	Sep 22	0.00	May 27, 1981
MAXIMUM PEAK FLOW			77	Jul 16	1,480	Sep 9, 1988
MAXIMUM PEAK STAGE			20.56	Jul 16	24.67	Sep 9, 1988
ANNUAL RUNOFF (CFSM)	0.303		0.095		0.152	
ANNUAL RUNOFF (INCHES)	4.13		1.29		2.06	
10 PERCENT EXCEEDS	163		37		73	
50 PERCENT EXCEEDS	13		10		7.0	
90 PERCENT EXCEEDS	0.61		0.85		0.31	

e Estimated

02310300 PITHLACHASCOTEE RIVER NEAR NEW PORT RICHEY, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1964-66, 1968 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Color, water, fltrd, Pt-Co units (00080)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
DEC													
08...	1020	19.23	12	--	767	6.4	7.3	149	19.4	--	--	--	--
FEB													
10...	0901	18.51	3.7	125	763	6.6	7.3	162	17.6	24.6	2.06	1.16	6.14
APR													
14...	0945	18.25	3.3	100	758	5.0	7.9	174	19.3	26.6	2.27	1.03	6.35
MAY													
19...	0912	17.85	.47	--	--	--	--	--	--	--	--	--	--
JUL													
21...	1255	19.94	35	200	--	4.5	7.5	139	26.7	22.7	1.66	1.00	5.27
SEP													
07...	0855	19.12	13	175	--	4.7	8.1	148	25.4	21.8	1.77	1.16	5.66

Date	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, wat unf by analysis, mg/L (62855)	Strontium, water, fltrd, ug/L (01080)
DEC												
08...	--	--	--	--	--	E.02	<.06	<.008	E.01	.04	.99	--
FEB												
10...	12.7	E.1	2.40	2.0	124	E.03	<.06	<.008	E.01	.04	.74	71.0
APR												
14...	13.1	.1	3.60	2.2	133	.06	.12	E.006	.04	.07	.96	82.2
MAY												
19...	--	--	--	--	--	.12	.15	.010	.04	.08	.84	--
JUL												
21...	10.4	E.1	5.26	1.4	129	E.04	E.03	<.008	E.01	.04	1.26	46.3
SEP												
07...	9.88	E.1	5.93	1.1	141	E.03	E.05	<.008	E.01	.05	1.02	51.8

<--Less than
E--Estimated

02310405 BOBHILL SPRING NEAR ARIPEKA, FL.

LOCATION.--Lat 28° 26'07", long 82° 38'34" (1927 North American datum), in $SW^1/_4$ sec.31, T.23 S., R.17 E., Hernando County, Hydrologic Unit 03100207, 50 ft downstream from spring pool, and 1.5 mi east of Aripeka.

PERIOD OF RECORD.--January 1997 to current year (discharge measurements only). Measurements made October 1998 to September 2002 are not published but are available in the files of the Geological Survey.

GAGE.--Nonrecording gage.

REMARKS.--Spring flow affected by aquifer levels. Spring flow was reduced to no flow out of spring pool in September 1997.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge measured, 3.5 ft^3/s, Feb. 23, 1998; minimum measured, 0.40 ft^3/s, Jan. 14, 2002.

MISCELLANEOUS MEASUREMENTS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Discharge ($ft^3/_S$)
Oct. 7	2.71
Feb. 1	1.64
June 20	0 .99

02310500 WEEKI WACHEE SPRINGS NEAR BROOKSVILLE, FL.

LOCATION.--Lat 28° 31'00", long 82° 34'25" (1927 North American datum), in NE$^{1}/_{4}$ sec.2, T.23 S., R.17 E., Hernando County, Hydrologic Unit 03100207, on west side of spring pool at head of Weeki Wachee River, and 12 mi southwest of Brooksville.

PERIOD OF RECORD.--1917, 1929-30 (one discharge measurement in each year); February 1931 to June 1966 (discharge measurements only); July 1966 to current year (gage heights and discharge measurements only), incomplete.

GAGE.--Nonrecording gage read once daily. Datum of gage is 8.12 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Missing record due to observer failing to read gage. Discharge measurements made about 1.0 mi downstream from head of springs.

AVERAGE DISCHARGE.--550 measurements, 172 ft^3/s, 111 mg/d.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge measured, 275 ft^3/s, Oct. 19, 1964; maximum gage height observed, 3.86 ft, Sept. 9, 1960; minimum discharge measured, 101 ft^3/s, July 24, 1956; minimum gage height observed, 0.08 ft, June 11, 12, 14, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage height observed, 2.10 ft, Oct. 1, 2; minimum observed, 0.98 ft, May 30.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY INSTANTANEOUS VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.10	2.00	---	1.44	1.26	---	1.20	1.08	1.05	1.30	1.46	1.44
2	2.10	2.00	1.78	1.44	---	---	1.21	1.08	1.04	1.34	1.47	1.45
3	---	1.99	1.78	---	1.30	1.18	1.21	1.07	1.04	1.36	1.49	1.45
4	---	1.98	1.78	---	1.29	1.20	1.20	1.07	1.03	1.36	1.51	1.39
5	---	1.98	1.78	---	1.28	1.18	1.20	1.10	1.04	1.36	1.47	1.40
6	2.05	1.97	---	1.39	1.28	1.18	1.20	1.14	1.04	1.36	1.45	1.39
7	2.04	1.97	---	1.39	---	---	1.19	1.14	1.04	1.36	1.45	1.39
8	2.05	---	---	1.38	---	---	1.19	1.14	1.00	1.36	1.45	1.39
9	2.05	---	1.71	1.38	---	---	1.18	1.15	1.02	1.38	1.49	1.38
10	2.05	---	---	---	1.28	1.18	1.18	1.14	1.05	1.44	1.46	1.37
11	2.05	1.94	1.74	---	1.26	1.16	1.16	1.13	1.06	1.43	1.48	1.36
12	2.05	1.94	1.72	---	1.26	1.16	1.16	1.12	1.05	1.44	1.49	1.36
13	2.05	1.94	---	1.36	1.26	1.16	1.15	1.12	1.04	1.38	1.50	---
14	2.05	1.93	---	---	---	---	1.14	1.10	1.04	1.38	1.45	1.32
15	2.04	---	---	1.46	---	---	1.14	1.10	1.03	1.40	1.42	1.31
16	2.03	---	1.67	1.46	---	---	1.13	1.10	1.01	1.43	1.41	1.31
17	2.03	---	1.67	---	1.22	1.19	1.12	1.08	1.01	1.45	1.40	1.30
18	2.02	1.89	1.63	---	1.20	1.19	1.10	1.08	1.00	1.44	1.43	1.30
19	2.02	1.87	1.60	---	1.20	1.16	1.09	1.08	1.00	1.46	1.43	---
20	2.02	1.86	---	1.30	1.20	1.15	1.09	1.08	1.00	1.48	1.42	---
21	2.02	1.86	---	1.30	---	1.14	1.09	1.06	1.00	1.48	1.44	1.25
22	2.02	---	---	1.30	---	1.14	1.10	1.05	1.09	1.47	1.45	1.25
23	2.02	---	---	1.32	---	1.22	1.10	1.05	1.09	1.46	1.47	1.30
24	2.02	---	---	---	---	1.19	1.10	1.04	1.09	1.48	1.50	1.28
25	2.02	---	---	---	1.24	1.18	1.09	1.03	1.10	1.47	1.45	1.22
26	2.02	1.84	1.56	---	1.24	1.19	1.08	1.03	1.10	1.47	1.46	---
27	2.02	1.84	1.50	1.32	1.20	1.20	1.15	1.02	1.10	1.47	1.45	---
28	2.02	1.84	1.50	1.32	---	1.21	1.10	1.00	1.15	1.45	1.50	1.20
29	2.02	---	1.48	1.30	---	1.20	1.09	1.00	1.16	1.45	1.49	1.20
30	2.02	---	1.46	1.30	---	1.19	1.08	0.98	1.24	---	1.48	1.32
31	2.01	---	---	---	---	1.21	---	1.05	---	1.46	1.44	---
MEAN	---	---	---	---	---	---	1.14	1.08	1.06	---	1.46	---
MAX	---	---	---	---	---	---	1.21	1.15	1.24	---	1.51	---
MIN	---	---	---	---	---	---	1.08	0.98	1.00	---	1.40	---

02310525 WEEKI WACHEE RIVER NEAR BROOKSVILLE, FL.

LOCATION.--Lat 28° 31'07", long 82° 34'57" (1927 North American datum), in NE$^{1}/_{4}$ sec.2, T.23 S., R.17 E., Hernando County, Hydrologic Unit 03100207, on right bank, 0.6 mi west of intersection U.S. Highway 19 and State Highway 50, 6.2 mi upstream from mouth, and 12 mi southwest of Brooksville.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--October 1993 to current year.

GAGE.--Nonrecording gage. Datum of gage is undetermined.

REMARKS.--Records fair. Discharge measurements made about 1.0 mi downstream from head of springs. Discharge computed from relation between artesian pressure at Weeki Wachee Well near Weeki Wachee using maximum daily water level elevation and discharge at measuring site. See WRIR 01-4230 for computation techniques.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	251	249	237	224	211	200	193	185	180	190	203	203
2	251	249	237	223	211	200	193	185	180	191	203	203
3	252	248	237	223	211	200	193	184	181	193	203	203
4	253	248	236	222	210	200	193	184	181	194	203	203
5	253	248	235	222	210	199	192	184	181	195	203	203
6	254	247	235	222	209	198	191	185	181	195	202	202
7	254	247	234	221	209	198	191	186	181	196	202	202
8	255	247	234	221	208	198	192	186	180	196	202	202
9	255	246	233	220	208	198	191	186	180	197	202	201
10	255	245	233	220	208	197	190	186	180	198	202	201
11	256	245	233	219	207	197	190	186	181	198	202	200
12	256	245	232	219	207	197	190	186	181	198	202	200
13	257	245	232	218	206	196	190	186	181	198	202	199
14	256	244	231	218	206	196	189	186	181	198	201	199
15	256	243	231	218	205	196	189	185	180	199	201	198
16	255	243	230	218	205	196	189	185	180	199	201	198
17	255	243	230	217	205	196	188	184	180	200	201	198
18	255	243	230	217	204	196	188	184	180	200	201	197
19	254	242	229	216	203	196	187	184	179	201	201	196
20	254	241	229	216	203	195	187	184	179	201	201	196
21	254	241	228	216	203	195	187	183	179	201	202	196
22	253	240	228	215	202	195	186	183	180	201	203	195
23	253	240	228	215	202	195	186	182	181	201	203	195
24	252	240	227	214	202	195	186	182	183	201	204	195
25	252	240	227	214	202	195	186	181	184	202	204	194
26	251	239	226	214	201	195	185	181	185	202	204	194
27	251	239	226	213	201	194	186	181	185	202	204	194
28	251	239	225	212	201	194	186	180	186	202	204	193
29	251	238	225	212	---	194	185	180	186	202	204	193
30	250	237	225	212	---	193	185	180	188	202	203	193
31	249	---	224	212	---	193	---	180	---	202	203	---
TOTAL	7,854	7,301	7,147	6,743	5,760	6,087	5,664	5,694	5,444	6,155	6,276	5,946
MEAN	253	243	231	218	206	196	189	184	181	199	202	198
MAX	257	249	237	224	211	200	193	186	188	202	204	203
MIN	249	237	224	212	201	193	185	180	179	190	201	193

02310530 WEEKI WACHEE RIVER AT WEEKI WACHEE HILLS, FL.

LOCATION.--Lat 28° 31'37", long 82° 35'52" (1983 North American datum), in SW$^{1}/_{4}$ sec.34, T.22 S., R.17 E., Hernando County, Hydrologic Unit 03100207, on north bank of river near the west boundary line of the Chassahowitzka Wildlife Management area, 1.3 mi west of Weeki Wachee Springs, and 4.5 mi from mouth.

DRAINAGE AREA.--23 mi^2.

PERIOD OF RECORD.--August 2003 to current year (tidal high-high and low-low) discontinued.

GAGE.--Water-stage recorder. Datum of gage is North American Datum of 1988.

REMARKS.--Interruptions in record were due to days in which tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 4.88 ft Sept. 7, 2004; minimum, 2.37 ft below NGVD 1929, June 26, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 3.88 ft July 10; minimum, 2.43 ft below NGVD 1929, May 30.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	3.61	3.46	---	---	3.23	3.20	---	---	2.70	2.62	2.86	2.79
2	3.58	3.45	---	---	---	3.17	---	---	2.64	2.59	2.95	2.80
3	3.55	3.43	---	---	3.21	3.17	---	---	2.72	2.58	2.92	2.78
4	3.62	3.44	---	---	3.27	3.19	---	---	2.73	2.57	2.96	2.79
5	3.55	3.42	3.53	3.37	3.36	3.20	---	---	2.77	2.57	3.02	2.80
6	3.58	3.43	3.53	3.39	3.34	3.16	---	---	2.87	2.58	3.10	2.82
7	---	---	3.54	3.39	3.18	3.12	2.77	2.67	3.02	2.62	2.99	2.80
8	---	---	3.56	3.38	3.24	3.13	2.74	2.67	2.64	2.59	3.02	2.80
9	---	---	3.49	3.34	3.27	3.12	2.95	2.69	2.63	2.52	2.92	2.78
10	---	---	3.37	3.32	3.44	3.14	3.06	2.77	2.67	2.52	2.86	2.77
11	---	---	3.41	3.32	3.47	3.11	2.70	2.64	2.69	2.52	2.89	2.75
12	---	---	3.50	3.34	3.21	3.07	2.73	2.64	2.72	2.54	2.93	2.76
13	---	---	3.57	3.36	3.17	3.05	2.77	2.65	2.64	2.53	2.91	2.75
14	---	---	3.36	3.31	3.37	3.09	2.80	2.65	2.87	2.53	2.91	2.74
15	---	---	3.46	3.31	3.11	3.01	2.80	2.66	2.82	2.60	2.81	2.75
16	---	---	3.46	3.31	3.10	3.01	2.80	2.64	---	2.54	3.03	2.93
17	---	---	3.39	3.30	3.40	3.01	2.71	2.62	2.65	2.53	3.10	2.83
18	---	---	3.41	3.31	---	---	2.99	2.77	2.61	2.50	2.97	2.79
19	---	---	3.74	3.40	---	---	3.08	2.67	2.58	2.50	3.00	2.79
20	---	---	3.32	3.27	---	---	2.96	2.65	2.79	2.52	2.94	2.77
21	---	---	3.37	3.28	---	---	2.83	2.63	2.88	2.52	2.95	2.77
22	---	---	3.43	3.27	---	---	2.94	2.63	2.83	2.52	2.97	2.78
23	---	---	3.47	3.26	---	---	2.92	2.62	2.66	2.50	2.76	2.73
24	---	---	3.57	3.28	---	---	2.84	2.60	3.49	2.52	2.77	2.71
25	---	---	3.59	3.27	---	---	2.83	2.61	3.27	3.09	2.82	2.71
26	---	---	3.54	3.26	---	---	2.82	2.61	3.04	2.91	2.82	2.71
27	---	---	3.48	3.25	---	---	2.85	2.67	2.87	2.83	2.85	2.71
28	---	---	3.50	3.27	---	---	---	---	2.84	2.80	2.84	2.72
29	---	---	3.30	3.21	---	---	---	---	2.86	2.79	2.80	2.71
30	---	---	3.23	3.20	---	---	2.68	2.58	---	---	2.77	2.71
31	---	---	---	---	---	---	2.59	2.57	---	---	2.85	2.72
MAX	---	---	---	---	---	---	---	---	---	3.09	3.10	2.93
MIN	---	---	---	---	---	---	---	---	---	2.50	2.76	2.71

02310530 WEEKI WACHEE RIVER AT WEEKI WACHEE HILLS, FL.—Continued

GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	3.12	2.75	2.79	2.65	2.79	2.46	2.83	2.50	3.04	2.61	2.95	2.76
2	2.87	2.73	2.90	2.66	2.81	2.40	2.90	2.47	2.96	2.64	2.89	2.77
3	3.00	2.73	2.93	2.80	2.87	2.41	2.91	2.48	2.92	2.67	2.86	2.75
4	2.94	2.74	2.75	2.65	2.84	2.40	2.87	2.48	2.82	2.66	2.80	2.73
5	2.94	2.74	2.80	2.62	2.91	2.40	2.79	2.49	2.80	2.66	2.86	2.82
6	2.90	2.73	2.87	2.60	2.80	2.41	2.66	2.48	2.92	2.67	---	---
7	3.01	2.73	2.89	2.60	2.67	2.39	2.64	2.47	2.71	2.64	4.88	---
8	3.13	2.74	2.93	2.57	2.76	2.39	2.59	2.49	2.78	2.63	---	3.44
9	3.03	2.75	2.88	2.56	2.59	2.42	2.56	2.46	2.75	2.63	---	---
10	2.92	2.75	2.78	2.54	2.55	2.42	2.56	2.44	2.74	2.63	---	3.53
11	3.10	2.72	2.67	2.54	2.55	2.41	2.60	2.44	2.79	2.64	3.62	3.51
12	3.04	2.83	2.66	2.52	2.57	2.39	---	---	3.04	2.69	3.63	3.51
13	3.19	2.78	2.58	2.52	2.71	2.42	2.68	2.43	2.92	2.71	3.64	3.52
14	---	---	2.60	2.50	2.73	2.49	2.67	2.42	3.11	2.69	3.67	3.53
15	---	2.69	2.63	2.50	2.77	2.50	2.73	2.49	3.02	2.78	4.03	3.54
16	2.75	2.69	2.60	2.48	2.69	2.46	2.78	2.45	2.93	2.76	3.78	3.58
17	2.75	2.68	2.67	2.49	2.72	2.44	2.94	2.44	2.92	2.75	3.70	3.54
18	2.77	2.67	2.70	2.50	2.72	2.44	3.18	2.45	2.92	2.74	3.69	3.50
19	2.84	2.67	2.77	2.48	2.73	2.43	2.98	2.58	2.90	2.75	3.64	3.51
20	2.84	2.68	2.80	2.48	2.74	2.42	2.78	2.58	2.88	2.76	---	---
21	2.92	2.69	2.76	2.49	2.75	2.41	2.72	2.58	2.90	2.76	---	---
22	2.88	2.70	2.84	2.47	2.71	2.42	2.66	2.56	2.92	2.75	---	---
23	2.84	2.69	2.77	2.48	2.56	2.41	2.68	2.55	2.93	2.75	3.53	3.39
24	2.85	2.69	2.69	2.47	2.50	2.38	2.70	2.57	2.92	2.76	3.50	3.38
25	2.85	2.67	2.60	2.45	2.48	2.38	2.73	2.57	2.89	2.74	3.53	3.38
26	2.82	2.69	2.53	2.43	2.74	2.37	2.72	2.56	2.97	2.76	---	---
27	2.73	2.69	2.51	2.43	2.63	2.42	2.77	2.56	3.01	2.77	4.65	---
28	2.71	2.65	2.57	2.43	2.60	2.41	2.80	2.59	3.01	2.78	3.76	3.64
29	2.70	2.65	2.54	2.41	2.67	2.44	2.84	2.63	3.04	2.77	3.72	3.57
30	2.77	2.65	2.66	2.41	2.76	2.46	2.93	2.59	3.04	2.78	3.69	3.55
31	---	---	2.71	2.40	---	---	3.02	2.60	2.97	2.76	---	---
MAX	---	---	2.93	2.80	2.91	2.50	---	---	3.11	2.78	---	---
MIN	---	---	2.51	2.40	2.48	2.37	---	---	2.71	2.61	---	---

02310530 WEEKI WACHEE RIVER AT WEEKI WACHEE HILLS, FL.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	OCTOBER				NOVEMBER				DECEMBER				JANUARY				FEBRUARY				MARCH			
1	3.72	3.54			3.51	3.28			3.32	3.15			2.93	2.83			2.82	2.63			2.74	2.56		
2	3.66	3.50			3.50	3.28			3.23	3.14			2.94	2.83			2.78	2.63			2.61	2.52		
3	3.62	3.47			3.46	3.27			3.24	3.12			2.91	2.82			2.95	2.62			2.60	2.51		
4	3.61	3.46			3.42	3.26			3.19	3.11			2.85	2.81			2.68	2.60			2.63	2.52		
5	3.54	3.43			3.51	3.25			3.16	3.10			2.95	2.80			2.63	2.59			---	2.50		
6	3.49	3.39			3.27	3.23			3.17	3.11			---	2.79			2.75	2.57			2.65	2.49		
7	3.43	3.36			3.27	3.22			3.21	3.11			2.99	2.79			2.97	2.61			2.65	2.50		
8	3.45	3.37			3.34	3.23			3.27	3.09			3.00	2.78			3.13	2.64			2.95	2.58		
9	3.55	3.39			3.31	3.21			3.21	3.09			3.02	2.77			3.23	2.66			2.70	2.53		
10	3.56	3.40			3.27	3.20			3.35	3.15			3.03	2.78			3.30	2.69			2.71	2.52		
11	3.65	3.45			3.37	3.22			3.46	3.13			3.07	2.77			2.80	2.59			2.76	2.51		
12	3.58	3.42			3.54	3.26			3.19	3.06			3.17	2.78			2.72	2.59			2.71	2.52		
13	3.63	3.43			3.70	3.26			3.27	3.07			3.17	2.79			2.89	2.60			2.71	2.51		
14	3.62	3.39			3.40	3.19			3.27	3.06			3.43	2.87			2.86	2.62			2.74	2.52		
15	3.65	3.42			3.28	3.19			3.06	3.02			2.81	2.75			2.77	2.59			2.66	2.53		
16	3.54	3.35			3.29	3.19			3.04	3.01			2.76	2.73			2.75	2.57			2.89	2.54		
17	3.55	3.34			3.36	3.19			3.08	3.01			2.76	2.72			2.76	2.57			2.80	2.63		
18	3.53	3.34			3.32	3.20			3.09	3.01			2.75	2.70			2.62	2.54			2.61	2.58		
19	3.59	3.34			3.31	3.20			3.04	3.00			---	2.70			---	2.51			2.61	2.57		
20	3.56	3.33			3.32	3.21			---	---			2.84	2.71			2.62	2.52			2.61	2.55		
21	3.45	3.30			3.32	3.22			---	---			2.91	2.71			2.73	2.54			2.65	2.55		
22	3.36	3.29			3.32	3.22			3.07	2.95			2.99	2.71			2.76	2.54			2.73	2.57		
23	3.37	3.29			3.38	3.22			3.20	2.99			3.10	---			2.72	2.53			2.78	2.65		
24	3.47	3.29			3.47	3.24			3.18	2.96			2.71	2.67			2.78	2.55			2.81	2.60		
25	3.47	3.32			3.69	3.27			3.03	2.93			2.86	2.67			2.77	2.57			2.80	2.61		
26	3.45	3.30			3.32	3.17			3.19	2.91			2.95	2.69			2.67	2.55			2.78	2.64		
27	3.42	3.27			3.28	3.16			2.93	2.87			2.98	2.68			3.07	2.55			2.92	2.60		
28	3.44	3.28			3.52	3.18			2.92	2.86			2.81	2.64			2.88	2.61			2.99	2.64		
29	3.51	3.29			3.27	3.16			2.94	2.84			2.78	2.64			---	---			2.75	2.62		
30	3.54	3.30			3.29	3.15			2.96	2.84			2.94	2.69			---	---			2.75	2.58		
31	3.54	3.29			---	---			2.99	2.84			2.79	2.65			---	---			2.80	2.58		
MAX	3.72	3.54			3.70	3.28			---	---			---	---			---	2.69			---	2.65		
MIN	3.36	3.27			3.27	3.15			---	---			---	---			---	2.51			---	2.49		
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	2.88	2.57			2.82	2.53			2.81	2.53			3.33	3.08			3.24	3.09			3.43	3.27		
2	2.94	2.71			2.64	2.50			2.75	2.57			3.35	3.08			3.24	3.05			3.42	3.19		
3	2.66	2.58			2.56	2.48			2.81	2.54			3.30	---			3.26	3.05			3.36	3.13		
4	2.61	2.58			2.85	2.48			2.80	2.58			3.23	3.02			3.23	3.05			3.29	3.11		
5	2.69	2.57			3.05	2.58			2.85	2.53			3.23	2.99			3.24	3.05			3.21	3.06		
6	2.75	2.58			2.79	2.68			2.83	2.55			3.29	2.98			3.23	3.05			3.19	3.03		
7	2.89	2.60			2.78	2.62			2.80	2.53			3.20	2.99			3.23	3.05			3.15	3.02		
8	3.03	2.68			2.89	2.60			2.88	2.51			3.22	2.97			3.25	3.05			3.13	3.04		
9	2.79	2.60			2.92	2.61			2.74	2.55			3.22	2.98			3.17	3.07			3.15	3.04		
10	2.77	2.55			2.91	2.61			2.66	2.52			3.88	3.08			3.17	3.06			3.15	3.04		
11	2.85	2.53			2.83	2.59			3.08	2.54			3.36	3.17			3.17	3.06			3.09	3.03		
12	2.94	2.54			2.84	2.57			2.81	2.60			3.15	3.03			3.15	3.08			3.09	3.00		
13	2.84	2.56			2.75	2.57			2.76	2.58			3.09	3.00			3.20	3.08			3.23	2.99		
14	2.79	2.54			2.78	2.56			2.68	2.58			3.35	3.00			3.22	3.08			3.34	---		
15	2.54	2.50			2.71	2.54			2.65	2.56			3.43	3.13			3.23	3.08			3.29	2.98		
16	2.50	2.47			2.65	2.54			2.72	2.56			3.39	3.29			3.25	3.04			3.39	2.96		
17	2.50	2.47			2.60	2.52			2.78	2.54			3.35	3.12			3.35	3.04			3.31	2.95		
18	2.52	2.46			2.61	2.50			2.85	2.54			3.33	---			3.40	3.05			3.31	2.94		
19	2.60	2.47			2.63	2.50			2.78	2.51			3.38	3.10			3.43	3.08			3.20	2.94		
20	2.65	2.47			2.74	2.51			2.74	2.53			3.40	3.10			3.55	3.09			3.02	2.87		
21	2.71	2.50			2.79	2.56			2.85	2.51			3.45	3.13			3.42	3.14			3.09	2.84		
22	2.76	2.51			2.78	2.48			3.07	2.58			3.42	3.10			3.34	3.11			3.57	3.03		
23	2.94	2.55			2.81	2.48			3.07	2.67			3.33	3.09			3.40	3.14			3.31	2.90		
24	2.66	2.52			3.01	2.48			2.89	2.67			3.33	3.12			3.32	3.18			3.09	2.90		
25	2.73	2.48			2.90	2.51			2.97	2.66			3.19	3.10			3.26	3.13			3.00	2.86		
26	3.16	2.47			2.87	2.46			2.95	2.68			3.15	3.06			3.19	3.08			2.99	2.84		
27	2.85	2.61			2.88	2.46			3.01	2.69			3.15	3.03			3.41	3.08			2.96	2.84		
28	2.71	2.51			2.79	2.46			2.86	2.75			3.14	3.03			3.64	---			3.01	2.84		
29	2.86	2.50			2.63	2.45			3.05	2.77			3.14	3.03			3.44	3.20			3.05	2.83		
30	2.90	2.50			2.62	2.43			3.79	2.93			3.19	3.09			3.43	---			3.04	2.83		
31	---	---			2.69	2.45			---	---			3.23	3.06			3.38	3.16			---	---		
MAX	3.16	2.71			3.05	2.68			3.79	2.93			3.88	---			3.64	---			3.57	---		
MIN	2.50	2.46			2.56	2.43			2.65	2.51			3.09	---			3.15	---			2.96	---		

02310545 WEEKI WACHEE RIVER NEAR WEEKI WACHEE SPRINGS, FL.

LOCATION.--Lat 28° 31'54", long 82° 37'36" (1927 North American datum), in NW1/4 sec.32, T.22 S., R.17 E., Hernando County, Hydrologic Unit 03100207, on right bank of river bend, at private residence on Darlene Street off County Road 595, 2.3 mi south of intersection County Road 550 and 695, and 4.0 mi west of Weeki Wachee.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--1984-85 (discharge measurements only); November 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1.46 ft below National Geodetic Vertical datum of 1929.

REMARKS.--Residual discharge records poor. Site is tidally affected. Instantaneous discharge computed from a regression equation and gage height-to-area quadratic equation. A ninth-order Butterworth low-pass filter is used to yield the residual discharge for this station. The residual discharges are not total "freshwater" flow, but a combination of freshwater and water storage caused by higher or lower Gulf of Mexico mean water levels. The residual discharge is used to estimate mean daily discharge values.

EXTREMES FOR CURRENT PERIOD.--Maximum daily mean residual discharge, 382 ft^3/s, June 30, 2005; maximum daily gage height, 4.23 ft, July 10, 2005; minimum daily mean residual discharge, 155 ft^3/s, Sept. 21, 2005; minimum gage height, .11 ft below NGVD, April 16, 2005.

DISCHARGE EXTREMES FOR 2001-2005.-- Highest daily mean 382 cfs, June 30, 2005. Lowest daily mean 133 cfs, May 23, 2002.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	309	257	231	228	188	216	195	212	202	326	---	237
2	292	254	229	234	191	215	231	207	207	286	---	239
3	284	256	232	228	186	215	217	199	204	250	---	232
4	284	244	232	223	206	209	205	214	206	235	---	230
5	284	258	233	219	195	211	201	244	205	224	---	224
6	285	232	234	223	181	210	204	248	200	221	---	221
7	282	205	237	222	189	189	192	225	205	228	218	219
8	281	227	237	224	191	222	210	216	207	225	221	220
9	279	250	223	228	182	215	212	217	185	214	220	217
10	278	243	227	221	208	205	205	214	201	242	220	211
11	284	245	240	215	185	203	192	212	215	263	219	211
12	271	240	195	---	167	209	188	208	209	---	218	205
13	282	272	232	---	168	206	203	209	206	---	211	209
14	275	258	240	---	191	224	205	202	---	---	215	213
15	281	240	226	---	179	215	203	205	---	---	215	211
16	275	247	208	---	171	218	195	201	---	---	210	212
17	273	252	228	---	183	241	194	203	---	---	209	209
18	255	237	219	---	204	235	188	200	---	---	213	208
19	266	249	166	---	193	220	186	193	---	---	214	215
20	276	251	199	---	184	213	190	188	---	---	219	221
21	273	246	214	---	184	205	192	203	---	---	221	155
22	266	246	217	---	205	213	189	192	---	---	218	217
23	256	241	230	---	209	224	201	185	---	---	233	206
24	256	231	241	---	213	224	203	187	---	---	228	212
25	261	260	216	---	219	221	190	201	205	---	234	206
26	270	237	245	---	212	228	202	191	202	---	214	195
27	261	232	227	207	196	204	221	190	215	---	200	196
28	260	250	232	196	229	220	202	190	224	---	252	197
29	263	218	227	174	---	219	195	191	226	---	224	198
30	260	233	226	198	---	205	199	190	382	---	234	196
31	257	---	230	195	---	208	---	203	---	---	226	---
MEAN	274	244	225	---	193	215	200	205	---	---	---	211
MAX	309	272	245	---	229	241	231	248	---	---	---	239
MIN	255	205	166	---	167	189	186	185	---	---	---	155

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2005 - 2005, BY WATER YEAR (WY)

MEAN	274	244	225	---	193	215	200	205	---	---	---	211
MAX	274	244	225	---	193	215	200	205	---	---	---	211
(WY)	(2005)	(2005)	(2005)	---	(2005)	(2005)	(2005)	(2005)	---	---	---	(2005)
MIN	274	244	225	---	193	215	200	205	---	---	---	211
(WY)	(2005)	(2005)	(2005)	---	(2005)	(2005)	(2005)	(2005)	---	---	---	(2005)

02310545 WEEKI WACHEE RIVER NEAR WEEKI WACHEE SPRINGS, FL.

PERIOD OF RECORD.--March 2004 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 7,410 microsiemens, Sept. 22; minimum, 173 microsiemens, May 14.

TEMPERATURE.--Maximum, 29.0° C, July 10, 2004, minimum, 17.9° C, Jan. 24, 2005.

EXTREMES FOR CURRENT PERIOD.--

SPECIFIC CONDUCTANCE.--Maximum, 7,410 microsiemens, Sept. 22; minimum, 173 microsiemens, May 14.

TEMPERATURE.--Maximum, 28.3° C, Aug. 26; minimum, 17.9° C, Jan 24.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	714	328	525	321	486	328	457	336	446	348	584	365
2	731	328	504	318	473	341	488	336	412	337	567	348
3	814	326	528	318	520	340	458	337	413	338	524	355
4	730	322	512	320	570	344	449	335	432	344	464	358
5	767	327	586	317	435	336	445	333	428	340	485	346
6	925	330	665	332	460	338	485	333	443	343	480	349
7	974	336	621	320	437	332	471	334	943	349	1,040	356
8	905	324	720	321	423	331	490	334	1,920	353	1,040	357
9	937	317	659	325	461	330	492	338	4,430	353	472	356
10	817	318	632	320	525	337	584	339	7,000	358	620	366
11	790	316	630	320	770	349	1,040	344	789	355	1,080	369
12	717	322	871	326	492	338	1,000	346	606	360	618	372
13	708	325	1,730	328	517	337	1,040	351	1,020	360	1,240	373
14	712	326	562	326	600	339	5,640	349	682	356	495	357
15	675	318	600	330	458	380	635	368	571	342	428	361
16	723	322	589	325	455	349	538	361	606	344	452	357
17	696	321	572	321	422	343	530	351	554	335	447	364
18	679	317	543	322	423	337	501	352	545	345	512	385
19	596	317	523	324	451	336	462	351	553	348	588	378
20	566	316	493	322	519	349	460	340	494	340	558	367
21	625	323	483	324	407	343	439	337	513	340	499	356
22	658	334	487	322	409	334	419	337	538	345	477	355
23	650	322	471	322	404	332	760	362	503	347	494	361
24	614	320	756	330	423	332	433	345	1,140	352	484	368
25	657	319	756	340	417	342	427	339	726	356	520	383
26	668	319	598	338	485	340	849	346	522	375	534	379
27	662	324	616	328	415	355	966	348	1,920	367	1,010	390
28	646	318	757	331	412	352	426	346	1,130	365	1,030	358
29	589	322	544	336	420	343	405	345	---	---	554	381
30	541	322	510	332	429	339	603	340	---	---	571	362
31	529	323	---	---	460	337	437	343	---	---	531	366
MONTH	974	316	1,730	317	770	328	5,640	333	7,000	335	1,240	346

02310545 WEEKI WACHEE RIVER NEAR WEEKI WACHEE SPRINGS, FL.—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	592	351	518	351	532	256	482	340	636	350	462	347
2	733	364	507	349	516	354	551	336	617	352	506	370
3	643	374	519	345	---	---	639	342	633	354	477	362
4	618	375	486	173	---	---	636	349	589	332	473	359
5	633	370	1,490	373	---	---	596	361	547	332	492	371
6	799	370	625	370	---	---	891	363	581	339	487	359
7	1,110	385	625	375	---	---	612	362	571	344	473	346
8	1,070	394	1,130	374	---	---	580	361	541	337	472	344
9	703	402	1,160	371	---	---	594	365	502	332	464	342
10	918	386	1,060	365	---	---	2,930	338	462	333	480	339
11	1,110	387	916	364	---	---	615	365	465	334	480	338
12	1,100	373	853	358	---	---	616	363	464	338	475	332
13	707	367	527	344	---	---	573	366	500	328	450	330
14	511	373	532	334	---	---	584	360	495	323	489	341
15	536	361	522	338	---	---	573	340	458	327	609	347
16	597	358	513	340	---	---	616	346	468	332	947	354
17	531	356	489	346	---	---	649	344	620	338	1,020	350
18	581	352	479	343	709	357	697	351	1,000	339	1,290	380
19	537	352	474	344	490	357	665	366	1,080	346	999	357
20	886	344	1,160	348	943	365	854	385	1,100	353	485	358
21	1,100	345	969	356	1,300	363	820	411	987	353	1,640	357
22	1,190	345	1,200	360	1,250	360	801	381	854	358	7,410	347
23	1,360	352	1,110	367	1,440	373	634	385	522	340	2,370	378
24	518	343	1,230	369	585	371	633	385	451	353	792	363
25	1,250	355	1,130	371	1,010	360	660	372	547	353	871	358
26	3,950	348	1,460	363	788	352	624	357	526	385	883	346
27	1,210	361	1,370	351	495	347	684	364	466	337	839	343
28	960	375	1,220	340	470	364	640	358	442	331	924	343
29	726	346	541	342	463	352	672	351	427	342	811	343
30	519	331	492	329	553	289	792	355	432	337	783	344
31	---	---	491	204	---	---	750	356	427	339	---	---
MONTH	3,950	331	1,490	173	---	---	2,930	336	1,100	323	7,410	330

02310545 WEEKI WACHEE RIVER NEAR WEEKI WACHEE SPRINGS, FL.—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	25.6	23.7	24.5	23.2	23.5	22.0	23.4	21.1	22.7	20.3	23.2	20.9
2	26.3	23.9	24.7	23.5	23.1	21.8	23.5	21.1	23.1	20.3	22.9	19.9
3	26.9	23.7	25.0	23.3	22.6	21.2	23.5	21.1	23.7	20.8	21.5	19.9
4	26.5	23.6	24.9	23.1	22.0	20.6	23.6	21.1	22.7	20.2	23.4	19.6
5	26.5	23.6	24.5	22.8	23.0	20.5	23.6	21.3	22.8	19.3	23.6	19.7
6	26.7	23.5	23.4	21.7	23.5	21.0	23.5	21.3	23.1	19.8	23.6	20.1
7	26.4	23.3	23.1	21.7	23.7	21.6	23.5	21.5	23.1	20.7	23.5	20.8
8	25.3	22.9	23.1	21.4	23.7	22.2	23.5	21.7	23.0	21.1	23.2	21.6
9	24.9	23.1	22.7	21.3	23.7	22.3	23.7	21.8	22.9	21.0	22.2	20.0
10	24.5	23.4	23.3	21.2	23.6	22.9	23.6	22.0	23.0	20.9	23.0	19.5
11	24.1	23.4	23.4	21.8	23.2	21.6	23.5	22.1	22.2	19.4	23.0	20.0
12	24.6	23.3	23.5	22.3	22.1	19.8	23.8	22.1	22.5	19.4	23.1	20.5
13	24.6	23.6	23.8	22.8	23.0	19.7	23.7	22.3	22.6	19.8	23.9	20.8
14	24.4	23.4	23.5	22.7	22.7	19.4	23.3	21.3	23.5	20.5	23.2	22.1
15	23.8	23.0	23.6	22.2	20.3	18.5	22.4	20.9	24.0	21.7	23.7	22.0
16	23.9	22.0	23.5	21.9	22.4	18.9	22.3	20.4	24.1	21.7	23.6	22.1
17	24.5	22.4	23.3	21.6	22.7	20.0	22.0	19.5	23.7	22.1	22.8	21.9
18	24.4	22.8	23.4	21.5	22.7	20.7	22.1	18.7	23.0	20.6	23.1	21.0
19	25.0	23.3	23.5	21.7	22.3	20.2	22.2	18.8	23.3	19.8	23.2	19.8
20	25.9	23.6	23.7	22.0	21.2	18.3	22.6	19.5	23.4	20.5	23.7	19.9
21	26.7	23.6	23.6	22.0	22.4	18.5	22.9	19.6	23.3	20.9	23.0	21.1
22	25.4	23.1	23.6	22.0	23.0	19.4	23.0	20.4	23.8	21.8	24.3	21.8
23	24.3	22.7	23.6	22.2	22.8	20.9	22.9	19.7	23.9	22.3	24.0	22.6
24	23.8	22.6	23.7	22.5	22.6	20.0	21.7	17.9	23.2	22.3	23.2	22.0
25	24.3	23.2	23.6	22.3	21.4	19.2	22.3	18.6	23.2	21.6	24.0	22.5
26	23.9	23.1	22.3	20.8	21.4	18.1	22.6	19.6	22.9	21.1	23.6	22.8
27	24.0	23.0	23.0	20.6	22.0	18.2	23.5	20.9	23.1	21.4	24.5	22.7
28	23.9	23.1	23.3	21.6	22.6	18.7	22.4	20.1	23.5	21.5	24.0	22.8
29	24.3	23.2	23.2	20.8	23.0	19.5	23.0	20.5	---	---	24.2	21.8
30	24.5	23.5	23.6	21.2	23.2	20.0	23.3	21.1	---	---	24.1	21.4
31	24.7	23.5	---	---	23.2	20.4	22.9	20.3	---	---	24.7	22.6
MONTH	26.9	22.0	25.0	20.6	23.7	18.1	23.8	17.9	24.1	19.3	24.7	19.5
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.1	22.8	24.4	22.9	25.7	23.7	26.5	24.0	26.9	23.8	26.5	24.1
2	24.3	23.1	25.2	23.0	25.7	23.5	27.0	24.2	26.9	23.9	26.1	24.1
3	23.9	21.7	25.2	23.0	24.8	23.6	27.6	24.2	26.5	24.1	26.3	24.0
4	24.3	21.5	24.6	22.3	25.7	23.7	27.4	24.2	26.5	24.1	26.3	24.1
5	24.1	21.9	23.2	22.5	25.9	23.8	27.1	24.1	26.5	24.0	26.2	23.9
6	24.3	22.8	23.9	22.3	26.5	24.0	27.0	24.1	26.4	23.9	26.0	23.7
7	24.0	23.0	24.2	22.0	26.2	23.8	26.9	24.1	26.4	23.8	26.1	23.8
8	24.1	22.8	24.7	22.4	25.7	23.6	26.8	24.0	25.9	23.7	26.2	23.8
9	24.4	22.7	24.7	22.7	25.3	23.7	26.4	23.8	26.3	23.6	27.0	23.6
10	24.1	22.4	24.9	22.7	25.5	23.8	25.3	23.7	26.7	23.7	27.1	23.6
11	24.3	22.0	25.2	22.7	25.5	23.8	25.9	24.1	27.5	23.8	27.6	23.5
12	24.4	22.5	25.0	22.6	25.7	23.7	25.9	24.0	27.4	23.8	27.5	23.2
13	24.6	23.2	25.2	22.7	26.6	23.7	27.0	23.7	27.1	23.7	26.8	23.6
14	24.5	22.3	25.1	22.7	27.8	23.8	26.7	23.8	26.7	23.8	26.1	23.6
15	24.4	21.8	25.4	23.0	28.1	23.9	26.5	23.7	27.4	23.6	26.0	23.7
16	24.0	21.0	26.2	22.9	26.7	24.0	26.8	23.7	27.3	23.8	25.7	23.7
17	24.4	20.5	26.6	23.4	---	---	27.0	23.9	26.5	24.1	25.9	24.0
18	24.5	20.8	26.4	23.3	26.6	23.8	26.9	24.0	26.2	24.1	26.0	24.2
19	24.3	21.8	26.3	23.4	26.9	23.7	26.2	24.1	26.1	24.1	26.0	24.1
20	24.2	22.4	26.2	23.4	26.1	23.9	26.2	24.1	26.0	24.1	26.8	23.9
21	24.2	22.6	25.9	23.7	25.9	23.7	26.4	24.1	26.7	23.9	26.7	23.9
22	24.5	22.9	26.1	23.7	25.8	23.8	26.8	24.1	26.6	24.2	26.1	24.2
23	23.7	22.9	26.0	23.7	25.6	23.6	26.8	24.2	26.3	24.0	25.5	23.9
24	23.2	21.8	25.4	23.8	25.6	23.4	26.5	24.1	26.6	23.8	26.1	23.7
25	23.3	21.5	25.6	24.1	25.6	23.4	27.1	24.0	27.1	23.9	26.8	23.6
26	23.0	21.5	25.4	23.1	26.5	23.7	27.2	23.8	28.3	23.9	27.2	23.4
27	23.9	21.7	25.8	23.2	26.5	23.9	27.9	23.9	26.7	23.7	26.9	23.4
28	24.5	21.8	26.0	23.4	26.7	23.8	27.9	23.9	26.7	24.1	26.2	23.4
29	24.6	22.0	26.0	23.1	26.2	23.8	27.6	23.8	26.7	23.8	26.0	23.4
30	25.3	22.7	26.8	23.3	25.5	23.8	27.5	23.7	27.1	24.0	25.7	23.7
31	---	---	26.5	23.7	---	---	26.6	23.7	26.7	24.0	---	---
MONTH	25.3	20.5	26.8	22.0	---	---	27.9	23.7	28.3	23.6	27.6	23.2

02310551 WEEKI WACHEE RIVER ABOVE MUD RIVER NEAR BAYPORT, FL.

LOCATION.--Lat 28° 32'08", long 82° 37'54" (1927 North American datum), in NE 1/ 4 sec.29, T.22 S., R.17 E., Hernando County, Hydrologic Unit 03100207, on downstream side of dock, 0.5 mi downstream from U.S. Highway 595 bridge over the Weeki Wachee River at Weeki Wachee Gardens, and 1.4 mi upstream from mouth.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--June 2003 to September 2005 (tidal high-high and low-low only). Records prior to June 2003 available in files of the U.S. Geological Survey, discontinued.

GAGE.--Water-stage recorder. Datum of gage is North American Datum of 1988.

REMARKS.--Interruptions in record were due to days in which tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 4.10 ft Sept. 27, 2004; minimum, 1.58 ft below NGVD of 1929, Apr. 16, 2005.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 3.21 ft July 10; minimum, 1.58 ft below NGVD of 1929, Apr. 16.

GAGE HEIGHT, FEET
PERIOD JUNE 2003 TO SEPTEMBER 2003

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW
1	---	---	---	---	---	---	2.31	-0.08	1.61	-0.95	1.49	-0.69
2	---	---	---	---	---	---	2.14	-0.54	1.45	-0.89	1.68	-0.73
3	---	---	---	---	---	---	1.74	-0.63	1.43	-0.80	1.80	-0.59
4	---	---	---	---	---	---	1.66	-0.78	1.49	-0.66	1.90	-0.46
5	---	---	---	---	---	---	1.17	-0.79	1.48	-0.80	1.98	-0.70
6	---	---	---	---	---	---	1.19	-0.90	1.52	-0.82	2.00	-0.65
7	---	---	---	---	---	---	1.13	-0.68	1.77	-0.72	2.03	-0.71
8	---	---	---	---	---	---	1.32	-0.79	2.02	-0.37	2.02	-0.71
9	---	---	---	---	---	---	1.31	-0.93	2.07	-0.42	1.96	-0.69
10	---	---	---	---	---	---	1.66	-0.93	2.32	0.76	1.86	-0.81
11	---	---	---	---	---	---	2.08	-0.85	2.15	-0.54	1.59	-0.87
12	---	---	---	---	---	---	2.11	-0.90	2.13	-0.67	1.68	-0.83
13	---	---	---	---	---	---	2.55	-0.71	1.53	-0.68	1.73	-0.72
14	---	---	---	---	---	---	2.44	-0.24	0.13	-1.13	1.62	-0.65
15	---	---	---	---	---	---	2.17	-0.83	1.43	-1.08	1.55	-0.67
16	---	---	---	---	---	---	1.89	-0.83	1.46	-0.79	1.45	-0.72
17	---	---	---	---	---	---	1.78	-0.85	1.37	-0.51	0.79	-0.88
18	---	---	---	---	---	---	1.63	-0.73	1.31	-0.63	0.95	-0.59
19	---	---	---	---	---	---	1.21	-0.68	1.46	-0.59	1.30	-0.69
20	---	---	---	---	---	---	1.23	-0.61	1.32	-0.61	1.05	-0.94
21	---	---	---	---	---	---	1.02	-0.66	1.13	-0.60	1.47	-0.77
22	---	---	---	---	---	---	1.28	-0.61	1.23	-0.66	2.15	-0.37
23	---	---	---	---	---	---	1.55	-0.40	1.71	-0.68	2.16	-0.51
24	---	---	---	---	---	---	1.55	-0.69	1.80	-0.79	2.24	-0.46
25	---	---	---	---	1.33	-0.85	1.53	-0.91	1.83	-0.74	2.32	-0.52
26	---	---	---	---	1.50	-0.84	1.55	-0.99	2.07	-0.70	2.22	-0.29
27	---	---	---	---	1.79	-0.79	1.71	-0.96	2.43	-0.59	2.24	-0.09
28	---	---	---	---	2.45	-0.26	1.98	-0.91	2.17	-0.65	2.29	-0.36
29	---	---	---	---	1.77	0.04	2.07	-0.81	2.15	-0.50	2.23	-0.70
30	---	---	---	---	2.13	-0.58	1.91	-0.36	1.88	-0.58	1.63	-0.89
31	---	---	---	---	---	---	1.77	-0.93	1.53	-0.68	---	---
MAX	---	---	---	---	---	---	2.55	-0.08	2.43	0.76	2.32	-0.09
MIN	---	---	---	---	---	---	1.02	-0.99	0.13	-1.13	0.79	-0.94

02310551 WEEKI WACHEE RIVER ABOVE MUD RIVER NEAR BAYPORT, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	1.63	-0.76	1.06	-1.03	0.22	-1.07	0.76	-1.08	0.69	-1.25	1.14	-1.18
2	1.35	-0.81	0.63	-0.93	-0.15	-1.29	1.03	-1.17	0.83	-1.26	1.00	-1.15
3	1.08	-0.79	0.17	-1.04	0.94	-1.17	1.22	-1.15	0.22	-1.25	0.54	-1.24
4	1.72	-0.65	1.79	-0.35	1.65	-0.87	0.90	-1.12	1.04	-1.31	1.28	-1.10
5	1.39	-0.77	1.69	-0.51	0.75	-0.78	1.70	-1.03	1.32	-1.21	1.59	-1.05
6	1.73	-0.61	1.63	-0.57	1.44	-1.00	1.74	-1.05	1.67	-1.08	1.90	-0.92
7	2.17	-0.52	1.77	-0.67	0.35	-1.29	0.35	-1.53	2.21	-0.76	1.51	-1.00
8	1.89	-0.45	1.83	-0.80	1.15	-1.13	0.47	-1.40	0.46	-1.48	1.62	-1.08
9	1.83	-0.57	1.49	-1.07	1.42	-1.10	1.60	-1.00	0.75	-1.27	1.28	-1.14
10	1.69	-0.65	0.14	-1.33	2.18	-0.73	1.92	-1.21	1.04	-1.13	0.78	-1.08
11	1.91	-0.64	0.98	-1.06	2.12	-0.83	0.03	-1.48	1.16	-1.06	1.12	-1.37
12	1.96	-0.54	1.68	-0.84	1.19	-1.08	0.61	-1.20	1.26	-1.06	1.38	-1.22
13	1.74	-0.68	2.04	-0.69	1.11	-1.01	0.93	-1.08	0.78	-1.06	1.34	-1.15
14	1.82	-0.60	0.61	-1.16	1.87	-0.47	1.12	-0.97	1.35	-1.22	1.24	-1.28
15	2.14	-0.85	1.54	-0.65	0.35	-1.18	1.12	-0.74	1.44	-0.98	1.28	-1.27
16	1.15	-0.91	1.54	-0.70	0.90	-0.90	1.07	-1.03	0.67	-1.33	1.72	-0.95
17	1.36	-0.64	1.06	-0.87	2.30	-0.49	1.92	-1.19	0.55	-1.40	0.75	-0.89
18	1.45	-0.67	1.96	-0.42	1.26	-1.09	2.05	-0.59	---	-1.46	1.34	-1.16
19	0.87	-0.69	2.63	0.31	1.27	-0.80	1.68	-0.98	0.51	-1.44	1.53	-1.04
20	1.08	-0.88	1.25	-0.92	0.57	-1.08	0.23	-1.24	1.64	-1.11	1.30	-1.05
21	1.53	-0.61	1.25	-0.83	-0.01	-1.38	1.26	-1.29	1.94	-0.96	1.49	-0.97
22	1.64	-0.57	1.63	-0.97	1.03	-1.33	1.75	-1.17	1.81	-1.06	1.51	-1.04
23	1.89	-0.53	1.94	-0.94	1.61	-1.18	1.71	-1.12	1.26	-1.06	0.31	-1.44
24	1.81	-0.64	2.34	-0.87	2.29	-0.97	1.46	-1.14	1.85	0.02	0.63	-1.47
25	1.71	-0.81	2.37	-0.95	1.86	-1.13	1.49	-0.96	1.88	-0.40	0.98	-1.31
26	1.96	-0.81	2.21	-0.94	1.14	-1.25	1.42	-0.83	1.30	-0.50	1.03	-1.28
27	2.23	-0.73	1.99	-0.87	0.77	-1.22	1.31	-0.49	-0.06	-0.82	1.12	-1.25
28	2.64	-0.54	2.04	-0.79	0.78	-1.06	-0.16	-1.21	0.12	-1.35	1.03	-1.14
29	2.47	-0.69	0.52	-1.31	1.07	-0.86	0.83	-1.37	0.45	-1.38	0.07	-1.12
30	1.57	-1.00	0.06	-1.21	1.15	-0.72	0.72	-1.05	---	---	1.02	-1.30
31	0.75	-1.10	---	---	0.85	-0.81	-0.09	-1.22	---	---	2.20	-0.94
MAX	2.64	-0.45	2.63	0.31	2.30	-0.47	2.05	-0.49	---	0.02	2.20	-0.89
MIN	0.75	-1.10	0.06	-1.33	-0.15	-1.38	-0.16	-1.53	---	-1.48	0.07	-1.47
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	0.80	-0.88	1.33	-0.99	2.09	-0.92	2.00	-1.05	2.24	-0.70	1.32	-0.88
2	1.14	-1.13	1.85	-0.66	2.13	-0.97	2.11	-0.38	2.01	-0.34	1.10	-0.96
3	1.74	-0.94	1.69	-0.96	2.29	-0.16	2.18	-1.06	1.89	-0.61	0.94	-1.03
4	1.62	-0.77	1.12	-1.27	2.21	-1.12	2.10	-1.02	1.49	-0.62	0.42	-1.20
5	1.59	-1.01	1.52	-1.00	2.36	-1.11	1.84	-0.95	1.30	-0.59	-0.86	-1.48
6	1.53	-1.05	1.84	-1.21	2.11	-0.96	1.44	-0.92	1.60	-0.55	3.00	2.20
7	1.96	-0.73	1.95	-1.17	1.72	-1.01	1.24	-0.92	0.65	-0.85	2.28	0.45
8	2.33	-0.95	2.11	-1.14	1.58	-1.01	1.01	-0.78	1.20	-0.78	1.44	-0.44
9	2.00	-0.90	1.94	-1.05	1.28	-0.96	0.69	-0.80	0.91	-0.96	1.21	-0.63
10	1.64	-0.96	1.63	-1.13	1.11	-0.77	0.87	-0.98	0.79	-1.04	1.04	-0.81
11	2.13	-1.14	1.17	-1.03	1.06	-0.61	1.13	-0.98	1.22	-0.99	1.36	-0.85
12	1.81	-0.40	1.21	-1.05	1.32	-0.83	1.20	-1.05	1.95	-0.50	1.47	-0.82
13	2.21	-0.87	0.80	-0.92	1.36	-0.83	1.52	-0.85	1.59	-1.07	1.46	-0.72
14	0.42	-0.65	0.82	-1.09	1.73	-0.89	1.56	-0.90	1.75	-0.90	1.60	-0.60
15	-0.26	-1.40	1.21	-0.98	1.76	-0.93	1.73	-0.93	1.82	-0.90	3.18	0.23
16	0.45	-1.30	1.07	-1.18	1.62	-1.09	1.87	-0.88	1.52	-0.96	2.21	-0.08
17	0.77	-1.22	1.33	-1.16	1.78	-1.10	2.33	-0.66	1.52	-0.88	1.85	-0.44
18	1.01	-1.19	1.54	-1.10	1.73	-1.03	2.57	-0.01	1.52	-0.68	1.82	-0.73
19	1.40	-1.08	1.82	-0.94	1.84	-0.57	2.12	-0.45	1.38	-0.84	1.68	-0.88
20	1.42	-1.04	1.90	-0.98	1.86	-0.94	1.52	-0.62	1.22	-0.75	0.90	-1.07
21	1.78	-1.12	1.81	-0.56	1.88	-0.96	1.32	-0.88	1.29	-0.77	0.67	-1.20
22	1.61	-0.98	2.03	-1.01	1.76	-0.78	0.99	-0.92	1.42	-0.83	1.27	-0.97
23	1.38	-1.13	1.85	-0.88	1.30	-0.89	0.94	-0.90	1.43	-0.90	1.51	-0.94
24	1.39	-1.20	1.58	-0.96	0.98	-0.94	1.10	-0.80	1.46	-1.01	1.42	-0.97
25	1.43	-1.19	1.26	-1.01	0.92	-0.91	1.25	-0.84	1.15	-1.19	1.60	-0.41
26	1.23	-1.08	0.94	-1.06	1.05	-0.82	1.20	-1.00	1.62	-1.03	---	-1.10
27	0.44	-0.76	0.76	-0.92	1.32	-0.80	1.45	-1.01	1.75	-1.06	4.10	0.32
28	0.51	-1.30	1.18	-0.66	1.29	-1.07	1.48	-1.09	1.78	-0.92	1.76	-0.39
29	0.59	-1.43	1.11	-0.82	1.57	-0.99	1.63	-1.08	1.93	-0.76	1.60	-0.61
30	1.08	-1.21	1.62	-0.78	1.80	-1.00	1.99	-0.98	1.93	-0.79	1.67	-0.67
31	---	---	1.80	-0.89	---	---	2.22	-0.88	1.72	-0.83	---	---
MAX	2.33	-0.40	2.11	-0.56	2.36	-0.16	2.57	-0.01	2.24	-0.34	---	2.20
MIN	-0.26	-1.43	0.76	-1.27	0.92	-1.12	0.69	-1.09	0.65	-1.19	---	-1.48

02310551 WEEKI WACHEE RIVER ABOVE MUD RIVER NEAR BAYPORT, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW	HIGHHIGH	LOWLOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	1.90	-0.65	1.98	-0.67	1.46	-0.97	0.82	-1.16	1.34	-1.06	1.28	-0.92
2	1.61	-0.74	1.90	-0.53	0.72	-1.00	0.93	-1.05	1.21	-1.08	0.72	-1.13
3	1.54	-0.81	1.68	-0.61	0.83	-1.08	0.79	-1.12	1.81	-1.12	0.30	-1.33
4	1.63	-0.70	1.42	-0.48	0.60	-1.05	0.85	-1.04	0.53	-1.20	0.81	-1.42
5	1.21	-0.80	1.75	-0.88	0.62	-1.14	1.13	-1.13	1.11	-1.37	0.99	-1.41
6	0.94	-0.98	0.18	-0.93	1.07	-0.85	1.34	-1.21	0.62	-1.38	1.00	-1.39
7	0.44	-1.10	1.14	-0.77	1.52	-0.87	1.46	-1.23	1.92	-1.14	0.79	-1.33
8	0.89	-0.82	1.00	-0.73	1.20	-0.84	0.83	-1.26	2.42	-0.84	2.13	-0.32
9	1.61	-0.58	0.97	-1.10	0.99	-1.11	1.58	-1.30	2.64	-0.74	1.29	-1.33
10	1.70	-0.46	0.89	-1.11	1.88	-0.75	1.67	-1.25	2.84	-0.46	1.29	-1.21
11	1.98	-0.24	1.57	-0.85	2.18	-0.79	1.89	-1.17	1.29	-1.05	1.59	-0.89
12	1.81	-0.44	2.21	-0.64	0.98	-1.31	2.19	-1.08	1.08	-1.00	1.32	-0.99
13	2.05	-0.23	2.79	-0.56	1.62	-1.18	2.22	-0.92	1.82	-0.92	1.43	-1.06
14	2.01	-0.62	1.67	-1.11	1.61	-1.22	2.86	-0.55	1.70	-0.65	1.24	-1.03
15	2.20	0.01	0.92	-1.22	-0.53	-1.52	-0.04	-1.36	1.36	-0.67	1.02	-1.17
16	1.64	-0.87	1.03	-1.09	-0.14	-1.44	-0.19	-1.40	1.31	-0.97	1.78	-1.28
17	1.86	-0.86	1.43	-0.92	0.48	-1.19	-0.03	-1.47	1.30	-0.80	1.31	-0.67
18	1.77	-0.85	1.23	-0.82	0.77	-1.02	-0.07	-1.51	0.42	-1.33	0.10	-1.05
19	2.05	-0.72	1.13	-0.69	1.23	-1.00	0.85	-1.51	0.55	-1.48	0.29	-1.36
20	1.85	-0.68	1.26	-0.50	-0.16	-1.28	1.33	-1.29	0.64	-1.38	0.60	-1.34
21	1.29	-0.91	1.27	-0.50	0.88	-1.29	1.65	-1.11	1.37	-1.18	0.56	-1.24
22	0.68	-1.04	1.62	-0.63	1.68	-1.19	1.03	-1.03	1.48	-1.12	1.42	-1.03
23	1.05	-0.89	1.49	-0.62	1.55	-0.85	2.06	-1.02	1.37	-1.14	1.25	-0.96
24	1.72	-0.72	2.64	-0.54	0.51	-1.04	-0.01	-1.55	1.60	-0.96	1.39	-0.99
25	1.69	-0.56	---	0.05	---	-1.34	1.23	-1.20	1.51	-1.08	1.45	-0.91
26	1.54	-0.74	1.11	-1.15	1.61	-1.18	1.72	-0.97	0.97	-1.18	1.25	-1.05
27	1.55	-0.95	1.10	-1.03	-0.17	-1.48	1.83	-0.99	2.20	-1.19	1.95	-0.77
28	1.60	-0.86	2.22	-0.84	0.08	-1.46	1.14	-1.32	1.83	-0.52	2.05	0.81
29	1.96	-0.77	1.06	-1.13	0.63	-1.32	1.10	-1.07	---	---	1.33	-0.68
30	2.10	-0.70	1.27	-1.06	0.96	-1.26	1.67	-0.49	---	---	1.35	-1.13
31	2.10	-0.70	---	---	1.17	-1.13	1.16	-0.89	---	---	1.59	-1.21
MAX	2.20	0.01	---	0.05	---	-0.75	2.86	-0.49	2.84	-0.46	2.13	0.81
MIN	0.44	-1.10	---	-1.22	---	-1.52	-0.19	-1.55	0.42	-1.48	0.10	-1.42
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	1.75	-1.30	1.85	-1.04	1.57	-0.59	1.63	-0.46	1.44	-0.98	1.71	-0.83
2	1.71	-0.83	1.15	-0.92	1.53	-0.67	1.85	-0.56	1.58	-0.94	1.80	-0.68
3	0.64	-1.24	0.88	-1.10	---	---	1.86	-0.68	1.71	-0.92	1.54	-0.80
4	0.92	-1.31	1.41	-1.05	---	---	1.76	-0.79	1.59	-1.00	1.38	-0.79
5	0.93	-1.24	1.67	-0.79	---	---	1.89	-0.79	1.64	-0.50	1.03	-0.94
6	1.36	-1.03	0.97	-1.11	---	---	2.17	-0.62	1.57	-0.96	1.01	-0.94
7	1.91	-0.84	1.39	-1.03	---	---	1.78	-0.29	1.59	-0.92	0.99	-0.96
8	2.25	-0.69	1.89	-0.92	---	---	1.69	-0.80	1.35	-0.92	1.05	-0.84
9	1.54	-1.03	1.97	-0.52	---	---	1.27	-0.91	1.16	-0.83	1.20	-0.73
10	1.60	-0.87	1.96	-0.91	---	---	3.21	-0.76	1.21	-0.77	1.31	-0.83
11	1.91	-1.18	1.71	-0.91	---	---	1.99	0.08	1.17	-0.77	1.22	-0.82
12	2.15	-0.95	1.76	-1.07	---	---	1.27	-0.67	1.28	-0.80	1.19	-0.80
13	1.78	-0.58	1.41	-1.03	---	---	0.94	-0.74	1.32	-0.90	1.81	-0.70
14	1.69	-0.74	1.55	-1.16	---	---	1.25	-0.64	1.48	-0.86	2.21	-0.63
15	0.17	-1.29	1.24	-0.91	---	---	1.43	-0.56	1.57	-1.04	2.03	-0.70
16	-0.34	-1.58	1.02	-0.89	---	---	1.44	-0.64	1.63	-0.99	2.37	-0.55
17	0.03	-1.53	0.78	-0.91	1.57	-0.64	1.53	-0.90	1.79	-1.00	2.19	-0.54
18	0.64	-1.45	0.92	-1.00	1.79	-0.75	1.70	-0.91	2.16	-0.88	2.17	-0.63
19	1.11	-1.22	1.14	-0.99	1.61	-1.02	2.00	-0.89	2.19	-0.82	1.79	-0.69
20	1.35	-1.06	1.62	-0.78	1.56	-1.18	2.16	-0.75	2.22	-0.74	1.09	-1.13
21	1.57	-0.79	1.80	-0.79	1.85	-1.00	2.28	-0.78	2.01	-0.67	1.83	-1.31
22	1.76	-0.75	1.78	-0.97	2.10	-0.29	2.24	-0.50	1.75	-0.71	3.14	-0.24
23	2.23	-0.28	1.95	-0.99	2.21	-0.96	1.91	-0.69	1.59	-0.61	2.44	-0.25
24	1.32	-0.97	2.38	-0.71	1.64	-0.92	1.68	-0.58	1.61	-0.67	1.68	-0.52
25	1.69	-0.63	2.14	-0.17	1.85	-1.07	1.26	-0.76	1.38	-0.94	1.24	-0.55
26	2.38	-1.09	2.10	-1.07	1.81	-0.89	1.13	-0.81	0.05	-1.37	1.27	-0.52
27	1.86	-0.82	2.13	-1.03	1.35	-0.73	1.09	-0.83	1.56	-0.79	1.16	-0.62
28	1.46	-1.06	1.89	-0.98	0.96	-0.71	1.07	-0.92	2.52	-0.21	1.55	-0.62
29	1.94	-1.21	1.39	-0.91	1.22	-0.60	1.09	-0.90	1.98	0.01	1.73	-0.61
30	2.05	-0.96	1.37	-0.88	1.56	-0.42	1.06	-0.91	1.89	-0.37	1.75	-0.65
31	---	---	1.55	-0.74	---	---	1.38	-0.93	1.74	-0.64	---	---
MAX	2.38	-0.28	2.38	-0.17	---	---	3.21	0.08	2.52	0.01	3.14	-0.24
MIN	-0.34	-1.58	0.78	-1.16	---	---	0.94	-0.93	0.05	-1.37	0.99	-1.31

02310551 WEEKI WACHEE RIVER ABOVE MUD RIVER NEAR BAYPORT, FL

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 2003 to September 2005 (discontinued).

INSTRUMENTATION.--Water-quality monitor consisting of top and bottom specific conductance and temperature sensors.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 31,400 microsiemens, Sept. 22, 2005; bottom sensor maximum, 32,900 microsiemens, Dec. 17, 2003; top sensor minimum, 285 microsiemens, Aug. 10, 2003; bottom sensor minimum, 291 microsiemens, Aug. 10, 2003.

TEMPERATURE.--Top sensor maximum, 31.7° C, July 22, 2005; bottom sensor maximum, 31.8° C, July 22, 2005; top sensor minimum, 14.3° C, Jan 26, 2005; bottom sensor minimum, 13.6° C, Jan. 26, 2005.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Top sensor maximum, 31,400 microsiemens, Sept. 22; bottom sensor maximum, 31,500 microsiemens, Sept. 22; top sensor minimum, 318 microsiemens, Feb. 6; bottom sensor minimum, 420 microsiemens, Dec. 24.

TEMPERATURE.--Top sensor maximum, 31.7° C, July 22; bottom sensor maximum, 31.8° C, July 22; top sensor minimum, 14.3° C, Jan. 26; bottom sensor minimum, 13.6° C, Jan. 26.

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
PERIOD JUNE 2003 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	---	---	15,900	492	19,800	442	12,200	405
2	---	---	---	---	---	---	18,000	492	15,200	431	15,400	398
3	---	---	---	---	---	---	10,900	474	12,900	432	13,200	410
4	---	---	---	---	---	---	12,800	473	13,600	433	16,400	410
5	---	---	---	---	---	---	1,770	486	14,600	439	20,100	413
6	---	---	---	---	---	---	4,860	491	14,800	437	17,600	420
7	---	---	---	---	---	---	1,900	481	15,400	418	17,400	413
8	---	---	---	---	---	---	7,600	482	13,200	408	17,800	409
9	---	---	---	---	---	---	7,840	472	3,660	398	19,700	406
10	---	---	---	---	---	---	15,000	466	424	285	18,800	407
11	---	---	---	---	---	---	19,400	466	11,400	332	16,700	417
12	---	---	---	---	---	---	18,800	466	15,200	410	18,500	399
13	---	---	---	---	---	---	19,200	459	9,610	421	18,100	401
14	---	---	---	---	---	---	18,600	506	498	451	14,600	394
15	---	---	---	---	---	---	18,600	493	7,670	427	11,500	388
16	---	---	---	---	---	---	15,700	477	10,400	416	7,440	392
17	---	---	---	---	---	---	16,000	466	2,710	404	439	393
18	---	---	---	---	---	---	12,800	446	677	414	431	389
19	---	---	---	---	---	---	2,940	441	5,370	414	444	384
20	---	---	---	---	---	---	4,270	450	554	420	1,750	386
21	---	---	---	---	---	---	505	446	473	413	3,300	381
22	---	---	---	---	---	---	775	441	471	408	16,800	389
23	---	---	---	---	---	---	10,400	433	3,610	411	17,100	392
24	---	---	---	---	---	---	10,200	433	18,700	407	16,700	390
25	---	---	---	---	792	619	4,000	424	19,100	406	13,100	410
26	---	---	---	---	10,500	607	12,700	421	22,900	400	12,400	403
27	---	---	---	---	16,900	593	15,800	445	25,100	405	11,700	378
28	---	---	---	---	19,300	548	20,300	447	20,900	425	10,900	388
29	---	---	---	---	573	451	21,300	451	20,100	418	11,100	416
30	---	---	---	---	13,500	469	20,200	456	18,100	423	5,750	416
31	---	---	---	---	---	---	21,500	450	11,600	403	---	---
MONTH	---	---	---	---	---	---	21,500	421	25,100	285	20,100	378

e Estimated

02310551 WEEKI WACHEE RIVER ABOVE MUD RIVER NEAR BAYPORT, FL—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
PERIOD JUNE 2003 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	---	---	16,600	500	21,200	451	14,900	409
2	---	---	---	---	---	---	18,800	500	17,100	436	17,600	402
3	---	---	---	---	---	---	12,000	482	14,300	438	16,400	416
4	---	---	---	---	---	---	13,800	480	15,600	440	21,400	415
5	---	---	---	---	---	---	3,430	493	16,900	446	24,000	418
6	---	---	---	---	---	---	6,040	498	18,100	444	20,100	426
7	---	---	---	---	---	---	3,660	488	17,600	425	18,300	417
8	---	---	---	---	---	---	9,010	488	15,300	410	18,200	412
9	---	---	---	---	---	---	9,310	479	15,700	401	20,400	409
10	---	---	---	---	---	---	16,400	472	432	291	19,000	411
11	---	---	---	---	---	---	19,400	472	14,000	336	17,800	420
12	---	---	---	---	---	---	18,800	472	15,600	412	19,000	404
13	---	---	---	---	---	---	19,100	465	11,400	429	18,200	406
14	---	---	---	---	---	---	18,500	512	509	462	15,800	400
15	---	---	---	---	---	---	18,500	498	9,960	434	13,400	394
16	---	---	---	---	---	---	16,100	485	11,900	422	9,070	396
17	---	---	---	---	---	---	16,800	470	4,550	411	449	396
18	---	---	---	---	---	---	14,600	452	1,180	419	437	392
19	---	---	---	---	---	---	3,780	448	10,200	421	452	387
20	---	---	---	---	---	---	5,150	456	6,100	426	1,610	389
21	---	---	---	---	---	---	512	451	481	419	8,570	384
22	---	---	---	---	---	---	1,420	447	479	413	17,300	392
23	---	---	---	---	---	---	14,400	439	26,000	418	17,200	396
24	---	---	---	---	---	---	15,200	438	22,500	415	16,600	395
25	---	---	---	---	5,050	629	10,600	429	21,900	417	13,000	414
26	---	---	---	---	14,900	615	14,700	427	23,200	403	12,300	405
27	---	---	---	---	18,200	600	16,600	454	25,000	410	11,600	382
28	---	---	---	---	19,200	555	21,200	452	20,800	433	11,000	393
29	---	---	---	---	579	458	21,300	456	20,400	425	11,100	425
30	---	---	---	---	14,500	477	21,400	461	19,300	430	5,990	419
31	---	---	---	---	---	---	22,000	456	14,800	408	---	---
MONTH	---	---	---	---	---	---	22,000	427	26,000	291	24,000	382

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
PERIOD JUNE 2003 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	---	---	29.0	23.8	29.6	23.7	27.4	23.9
2	---	---	---	---	---	---	28.9	23.9	29.6	23.8	27.9	23.9
3	---	---	---	---	---	---	28.6	23.9	29.1	23.8	27.3	24.0
4	---	---	---	---	---	---	29.3	23.9	28.1	24.0	27.8	23.9
5	---	---	---	---	---	---	27.1	23.8	28.8	24.3	26.8	23.9
6	---	---	---	---	---	---	27.8	24.2	29.2	24.5	25.8	23.9
7	---	---	---	---	---	---	26.4	24.1	28.8	23.9	27.2	23.9
8	---	---	---	---	---	---	27.0	24.3	26.8	23.9	27.7	23.8
9	---	---	---	---	---	---	26.9	24.0	24.4	24.0	28.2	23.5
10	---	---	---	---	---	---	29.8	24.1	25.0	23.6	27.9	23.6
11	---	---	---	---	---	---	31.0	24.0	27.4	24.1	27.8	23.5
12	---	---	---	---	---	---	29.8	23.9	29.1	24.1	28.2	23.4
13	---	---	---	---	---	---	27.8	23.6	28.6	24.0	28.7	23.6
14	---	---	---	---	---	---	28.4	23.7	25.4	24.0	29.0	23.6
15	---	---	---	---	---	---	29.6	23.7	27.8	23.8	27.9	23.7
16	---	---	---	---	---	---	28.9	23.8	29.3	23.8	26.4	23.7
17	---	---	---	---	---	---	30.3	23.7	26.2	23.8	25.4	23.7
18	---	---	---	---	---	---	30.7	24.0	26.2	23.9	25.4	23.1
19	---	---	---	---	---	---	27.9	23.9	26.2	23.9	25.5	23.1
20	---	---	---	---	---	---	26.3	24.0	25.6	23.6	25.4	23.9
21	---	---	---	---	---	---	26.3	24.0	25.4	23.7	25.6	23.9
22	---	---	---	---	---	---	25.2	24.0	25.7	23.8	27.7	23.9
23	---	---	---	---	---	---	26.8	23.8	25.2	23.7	27.7	24.0
24	---	---	---	---	---	---	27.0	23.8	27.5	23.7	28.0	23.6
25	---	---	---	---	26.0	23.7	26.3	23.6	28.9	23.9	27.6	23.9
26	---	---	---	---	27.2	23.6	28.1	23.7	28.6	23.8	27.2	23.6
27	---	---	---	---	28.7	23.8	28.8	23.7	29.9	23.8	26.6	23.8
28	---	---	---	---	28.9	23.7	30.6	23.8	29.6	24.0	26.9	23.8
29	---	---	---	---	24.8	23.5	29.9	23.8	29.8	23.8	27.3	23.4
30	---	---	---	---	28.0	23.8	28.9	23.8	30.0	24.1	23.9	22.9

02310551 WEEKI WACHEE RIVER ABOVE MUD RIVER NEAR BAYPORT, FL—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
PERIOD JUNE 2003 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	---	---	29.0	23.8	29.8	23.6	27.9	23.9
2	---	---	---	---	---	---	28.9	23.8	29.8	23.8	28.3	23.8
3	---	---	---	---	---	---	28.9	23.9	29.5	23.8	27.9	24.0
4	---	---	---	---	---	---	29.4	23.9	28.5	24.0	28.6	23.9
5	---	---	---	---	---	---	27.4	23.8	29.4	24.2	27.2	23.9
6	---	---	---	---	---	---	28.1	24.1	30.0	24.5	26.0	23.8
7	---	---	---	---	---	---	26.3	24.1	29.1	23.9	27.3	23.9
8	---	---	---	---	---	---	27.4	24.3	27.1	23.8	27.7	23.8
9	---	---	---	---	---	---	27.6	24.0	25.5	23.9	28.2	23.5
10	---	---	---	---	---	---	30.0	24.1	24.9	23.5	27.9	23.5
11	---	---	---	---	---	---	31.0	24.0	27.7	24.0	27.8	23.5
12	---	---	---	---	---	---	29.7	23.8	29.1	24.0	28.2	23.4
13	---	---	---	---	---	---	27.8	23.5	28.8	23.9	28.7	23.5
14	---	---	---	---	---	---	28.3	23.6	25.3	24.0	29.1	23.6
15	---	---	---	---	---	---	29.4	23.7	28.1	23.8	28.3	23.6
16	---	---	---	---	---	---	28.9	23.7	29.6	23.7	26.8	23.6
17	---	---	---	---	---	---	30.4	23.7	26.1	23.8	25.2	23.6
18	---	---	---	---	---	---	31.0	23.9	26.1	23.8	25.3	23.1
19	---	---	---	---	---	---	28.2	23.8	27.6	23.9	25.4	23.1
20	---	---	---	---	---	---	26.7	24.0	25.6	23.5	25.4	23.9
21	---	---	---	---	---	---	26.2	24.0	25.4	23.7	26.1	23.9
22	---	---	---	---	---	---	25.2	23.9	25.6	23.7	27.8	23.8
23	---	---	---	---	---	---	27.9	23.8	28.3	23.6	27.7	24.0
24	---	---	---	---	---	---	27.9	23.7	28.0	23.6	28.0	23.6
25	---	---	---	---	26.0	23.7	26.9	23.5	29.2	23.8	27.5	23.9
26	---	---	---	---	27.7	23.6	28.4	23.7	28.6	23.7	27.1	23.6
27	---	---	---	---	28.8	23.7	28.9	23.7	29.9	23.8	26.6	23.7
28	---	---	---	---	28.9	23.7	30.6	23.8	29.6	23.9	27.0	23.8
29	---	---	---	---	24.7	23.5	29.8	23.7	29.7	23.7	27.3	23.4
30	---	---	---	---	28.0	23.7	29.0	23.7	30.1	24.0	23.9	22.8
31	---	---	---	---	---	---	29.8	23.6	29.2	24.0	---	---
MONTH	---	---	---	---	---	---	31.0	23.5	30.1	23.5	29.1	22.8

02310551 WEEKI WACHEE RIVER ABOVE MUD RIVER NEAR BAYPORT, FL—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6,990	426	596	509	538	480	492	451	624	535	554	477
2	485	420	586	509	530	432	579	453	585	510	597	466
3	496	439	13,700	506	528	478	2,640	450	3,240	493	8,200	457
4	4,760	413	20,900	484	18,400	448	18,600	463	5,820	328	11,200	436
5	1,100	417	18,700	453	6,670	431	19,000	472	17,500	468	18,700	432
6	13,600	417	18,100	432	6,670	426	20,300	473	21,700	474	21,100	414
7	17,800	418	17,800	442	3,160	454	---	---	26,500	497	16,700	420
8	15,000	435	16,900	450	4,400	444	---	---	---	---	15,600	422
9	14,800	428	12,200	455	16,700	453	21,400	486	---	---	14,300	443
10	15,000	432	582	508	29,200	472	28,000	510	16,100	470	3,500	428
11	14,900	437	4,950	474	21,300	488	---	---	16,000	475	---	---
12	15,100	440	18,300	451	1,520	463	4,940	477	14,200	460	14,000	430
13	12,500	439	20,200	442	1,460	450	7,920	472	1,870	465	11,900	429
14	14,400	432	586	453	22,600	465	10,400	474	3,490	446	916	411
15	13,900	440	15,900	452	569	476	6,210	468	2,160	440	3,870	418
16	975	458	4,700	437	835	495	3,170	458	---	---	14,600	401
17	3,840	463	588	441	31,300	487	23,000	447	---	---	5,740	406
18	503	447	21,200	440	14,000	537	22,000	456	---	---	8,400	413
19	506	459	27,600	461	3,950	500	15,600	462	---	---	13,200	411
20	625	462	10,200	546	1,090	492	6,140	466	21,200	501	10,800	418
21	15,000	437	17,200	491	---	---	8,590	472	24,400	500	16,900	435
22	14,900	424	18,800	489	18,700	471	19,200	519	22,400	489	14,000	409
23	16,500	424	19,700	506	21,800	490	19,300	538	16,200	482	---	---
24	18,100	434	21,800	593	28,100	507	15,100	516	17,500	397	---	---
25	14,900	447	21,400	558	20,500	493	19,000	488	1,160	398	7,090	438
26	17,700	459	18,800	533	7,830	468	16,300	472	490	419	10,800	441
27	17,400	495	17,500	503	2,130	458	5,140	444	541	464	6,200	430
28	21,000	564	18,100	492	1,360	454	531	448	---	---	466	414
29	14,800	509	554	432	3,680	450	---	---	---	---	466	417
30	10,800	500	566	468	5,680	456	590	483	---	---	1,060	412
31	580	478	---	---	529	452	571	497	---	---	24,100	411
MONTH	21,000	413	27,600	432	---	---	---	---	---	---	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	23,400	457	18,000	460	25,000	651	19,500	745	18,500	727	13,300	520
2	13,700	432	21,900	475	25,400	657	19,800	761	18,500	697	8,060	517
3	14,400	439	18,500	471	27,400	684	20,600	785	16,400	675	6,190	532
4	16,500	438	11,500	470	26,700	715	19,900	789	12,300	643	723	553
5	14,100	472	17,300	493	27,000	739	19,800	768	9,300	633	---	---
6	20,700	465	23,100	551	26,000	762	14,800	691	12,300	613	---	---
7	22,400	482	23,500	579	22,200	716	9,180	677	872	626	453	332
8	25,100	475	23,000	605	18,800	664	7,150	675	6,290	605	473	384
9	21,600	516	20,700	596	11,100	663	1,150	685	1,200	612	496	465
10	16,300	477	14,700	519	6,320	672	1,570	661	733	607	528	453
11	18,900	484	3,870	519	5,720	667	5,330	616	2,820	571	589	513
12	14,200	484	7,060	518	14,100	643	5,890	623	16,700	568	4,360	495
13	18,700	481	1,700	510	15,400	646	13,800	607	9,770	546	5,780	472
14	3,790	523	8,030	529	21,000	689	13,100	592	15,500	564	6,490	458
15	---	---	17,700	541	20,100	711	13,600	601	17,100	590	18,100	444
16	4,130	558	15,900	541	19,500	706	15,700	598	14,200	588	14,300	491
17	10,300	550	19,400	537	20,100	760	26,100	623	12,600	596	10,100	438
18	15,600	523	21,100	543	18,700	752	25,300	707	12,600	575	8,140	419
19	21,400	525	24,000	554	19,700	743	20,800	708	11,400	557	5,740	420
20	21,600	510	22,900	574	17,600	716	15,600	661	7,740	533	584	444
21	23,200	478	22,100	587	18,100	708	12,800	650	9,060	530	521	437
22	19,300	473	22,900	583	16,400	677	7,070	654	12,700	520	497	427
23	14,600	444	20,000	571	10,200	658	6,300	666	10,400	512	5,470	415
24	13,500	439	16,300	538	5,690	661	8,480	640	10,400	509	5,450	413
25	12,800	455	5,750	520	7,230	667	10,700	661	2,080	510	9,640	409
26	536	447	935	524	8,720	666	9,180	665	13,400	517	14,300	422
27	538	455	1,960	538	13,700	672	11,100	642	15,900	536	14,800	543
28	527	457	5,040	568	14,900	690	11,800	630	16,700	535	4,580	461
29	---	---	7,330	578	18,800	700	14,700	656	16,600	523	4,020	431
30	12,900	452	20,100	593	19,300	713	19,800	708	16,600	518	5,110	418
31	---	---	20,700	601	---	---	20,300	724	15,800	524	---	---
MONTH	---	---	24,000	460	27,400	643	26,100	592	18,500	509	---	---

02310551 WEEKI WACHEE RIVER ABOVE MUD RIVER NEAR BAYPORT, FL—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	8,130	432	601	521	555	494	536	463	635	548	554	476
2	492	426	592	523	546	505	1,340	463	598	525	607	466
3	503	445	14,900	522	541	488	14,900	462	3,300	510	9,560	458
4	11,300	418	23,800	496	22,200	464	21,400	471	5,920	488	15,700	438
5	1,250	422	23,100	466	18,400	448	24,200	477	20,100	485	21,200	433
6	15,500	425	21,100	447	10,300	437	23,600	481	23,500	495	23,000	416
7	17,700	425	20,400	458	3,600	459	534	486	26,200	512	19,000	421
8	15,400	442	18,900	468	7,200	455	8,470	499	591	517	16,600	418
9	15,200	436	15,700	471	20,500	463	25,800	502	12,200	488	15,600	436
10	15,400	438	592	517	30,600	485	29,800	524	18,300	485	3,920	417
11	16,200	444	7,030	489	25,600	504	789	506	17,900	490	13,400	432
12	15,900	446	22,100	465	3,380	478	9,080	487	17,600	478	17,700	419
13	14,300	445	22,400	458	2,500	465	9,730	484	2,700	479	15,700	414
14	15,000	439	629	468	28,100	475	13,500	486	10,900	461	6,420	398
15	15,100	446	19,700	469	605	484	7,580	480	6,840	454	11,700	403
16	1,600	463	15,700	452	1,130	510	4,810	471	676	455	17,100	386
17	7,550	469	833	456	32,900	499	26,400	462	4,630	500	7,920	390
18	508	452	25,200	456	20,600	547	23,300	472	619	500	9,910	396
19	512	464	28,200	476	6,940	511	20,600	480	9,940	521	14,900	439
20	579	468	12,100	558	1,230	497	15,700	485	22,800	508	11,900	450
21	18,900	444	18,800	505	11,900	507	9,540	504	24,700	510	17,700	466
22	16,500	431	20,000	500	20,100	494	20,200	536	22,600	498	14,900	436
23	16,900	432	20,500	518	25,200	502	21,500	555	17,700	488	4,550	472
24	18,700	440	22,100	597	28,900	519	17,200	529	20,200	399	5,430	468
25	15,600	455	21,700	568	23,500	503	21,100	503	8,610	400	11,200	468
26	17,500	466	19,100	545	10,300	478	19,000	491	498	420	13,700	471
27	17,200	502	19,900	510	2,720	467	7,550	463	540	471	14,300	460
28	20,800	569	21,100	493	1,860	461	543	465	597	538	491	443
29	17,000	515	565	484	18,900	460	1,870	509	566	518	490	445
30	12,000	508	578	514	13,500	467	600	497	---	---	1,400	435
31	585	525	---	---	673	464	582	511	---	---	25,200	439
MONTH	20,800	418	28,200	447	32,900	437	29,800	462	26,200	399	25,200	386
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24,300	485	20,700	479	26,700	671	20,100	776	18,900	753	14,100	549
2	14,700	460	23,000	499	26,900	681	19,900	789	18,900	720	8,320	544
3	16,600	467	20,700	495	27,800	698	21,100	811	17,100	698	6,410	559
4	17,500	469	11,900	489	27,100	746	20,500	819	14,300	660	744	598
5	14,700	500	17,900	510	27,400	759	20,400	801	10,900	655	713	623
6	21,300	491	23,900	572	27,600	787	17,300	725	14,000	639	23,200	466
7	23,200	508	24,800	606	25,200	746	10,200	708	906	655	488	353
8	26,000	505	24,400	630	21,600	694	7,710	705	7,270	636	507	406
9	23,000	549	22,600	618	13,600	694	1,460	715	1,640	642	530	499
10	19,000	508	18,100	541	8,690	704	1,780	695	769	643	562	485
11	20,100	515	13,100	537	8,590	696	6,660	649	4,680	607	621	548
12	15,600	517	11,900	534	17,800	675	7,020	653	18,700	601	5,740	529
13	19,800	513	3,880	524	18,700	677	16,000	636	11,900	578	7,060	505
14	4,350	556	11,500	540	22,400	720	14,700	621	17,800	595	8,390	487
15	648	591	18,900	551	22,100	743	15,300	630	18,400	620	18,500	474
16	4,220	583	18,000	555	21,500	739	16,800	628	15,500	620	15,200	523
17	11,700	572	20,200	550	20,900	792	27,400	645	13,400	626	11,100	470
18	16,300	560	23,200	553	19,600	783	26,300	725	13,500	605	9,570	450
19	22,400	548	24,400	564	20,400	776	22,800	728	12,600	589	6,880	447
20	22,800	534	23,600	587	18,300	747	18,500	684	8,060	565	587	470
21	24,800	509	22,300	599	19,500	740	15,100	676	9,480	560	527	476
22	20,500	497	23,400	599	18,900	707	7,840	680	13,900	553	517	465
23	17,200	477	21,100	590	12,600	687	6,840	691	12,800	540	6,140	445
24	15,500	464	18,800	555	6,300	690	9,050	662	11,900	538	7,300	433
25	14,800	482	7,480	535	8,790	696	11,800	684	3,040	541	11,000	428
26	545	471	916	539	11,200	696	10,200	689	15,700	546	14,500	446
27	549	478	2,110	553	16,200	700	13,100	670	17,000	566	15,000	569
28	542	479	5,870	585	16,300	723	13,900	656	17,300	561	5,190	488
29	7,350	471	7,790	591	20,800	732	16,700	680	17,200	550	4,320	459
30	14,700	470	20,500	608	20,700	743	20,100	732	17,300	544	5,070	444
31	---	---	21,500	617	---	---	20,600	749	16,500	550	---	---
MONTH	26,000	460	24,800	479	27,800	671	27,400	621	18,900	538	23,200	353
YEAR	32,900	353										

02310551 WEEKI WACHEE RIVER ABOVE MUD RIVER NEAR BAYPORT, FL—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	24.2	23.3	24.2	23.0	22.2	21.0	23.3	21.9	22.2	20.7	23.0	21.4
2	23.9	23.2	24.4	22.9	22.4	20.7	23.4	22.0	22.1	21.4	23.7	22.0
3	24.7	22.9	24.3	23.1	22.5	20.9	23.6	22.2	22.5	21.1	23.8	22.1
4	25.0	23.4	24.7	23.5	23.1	19.6	23.7	21.9	23.2	21.0	24.2	22.3
5	24.8	23.3	25.2	23.6	23.0	20.8	23.7	21.9	23.7	19.4	24.4	22.3
6	26.2	23.4	25.9	23.5	22.1	20.8	22.9	22.0	24.0	20.3	24.7	22.7
7	27.0	23.5	26.3	23.7	21.5	19.7	---	---	23.5	21.3	24.2	23.0
8	26.3	23.3	26.2	23.5	22.1	19.2	22.4	20.1	---	---	23.3	21.7
9	26.9	23.4	25.3	22.9	22.8	16.9	22.6	16.2	---	---	23.0	20.5
10	26.1	23.5	23.9	22.5	22.6	17.0	21.5	16.6	23.2	19.7	23.1	20.9
11	25.9	23.6	24.6	22.8	21.9	18.4	---	---	23.6	21.0	23.1	20.1
12	25.5	23.7	24.7	22.9	22.0	20.6	21.9	18.9	24.1	22.1	23.4	20.9
13	26.5	23.7	24.5	22.7	22.6	20.7	21.8	19.7	23.5	22.7	23.8	21.2
14	27.5	23.8	23.0	21.2	22.4	17.4	21.9	19.5	22.8	21.9	24.1	21.8
15	26.7	23.2	23.4	20.7	21.9	20.8	22.4	20.6	23.3	21.7	23.4	22.2
16	24.0	22.1	23.6	22.1	22.8	20.7	22.1	20.8	22.7	20.8	23.4	22.0
17	23.9	22.9	23.7	22.5	22.7	16.7	22.2	16.5	22.3	20.7	24.1	22.4
18	24.3	22.7	23.9	22.7	21.5	17.4	22.6	17.7	---	---	24.1	21.4
19	24.2	22.7	23.8	22.6	21.5	18.4	22.3	17.9	22.5	19.5	24.3	22.0
20	23.9	22.8	22.9	20.9	21.2	20.0	21.7	18.8	22.5	16.5	24.4	22.0
21	24.3	22.9	22.8	20.2	21.4	18.3	22.0	18.1	23.8	16.5	24.4	22.1
22	24.6	22.8	23.2	20.2	22.2	15.9	21.9	15.8	23.7	19.1	23.6	22.0
23	24.6	23.3	23.4	20.5	22.7	14.7	22.0	16.1	23.7	20.5	23.6	21.0
24	24.5	22.3	23.4	21.0	22.6	15.1	22.3	16.4	23.0	20.4	23.7	21.2
25	24.4	22.6	22.9	21.3	22.0	17.5	22.8	17.1	21.3	19.7	23.5	21.9
26	25.5	23.4	23.6	20.6	22.3	18.7	23.3	18.9	22.0	20.6	24.2	22.1
27	26.3	23.4	23.8	21.7	22.5	20.4	23.0	21.7	21.4	20.0	24.3	22.2
28	25.8	23.7	23.9	22.4	22.8	20.8	21.7	20.5	22.2	19.7	24.4	22.3
29	24.1	23.1	22.5	20.5	22.9	21.0	22.1	19.8	22.9	20.2	24.3	22.2
30	24.0	22.1	22.2	20.2	22.9	21.5	22.0	20.9	---	---	24.3	21.9
31	24.3	22.7	---	---	23.2	22.1	21.8	21.1	---	---	24.7	22.5
MONTH	27.5	22.1	26.3	20.2	23.2	14.7	---	---	---	---	24.7	20.1
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	23.5	21.8	26.5	23.5	30.4	24.2	29.8	24.0	29.6	24.1	30.1	23.9
2	23.8	20.1	27.0	23.8	30.4	24.1	30.5	23.9	29.1	24.2	29.1	23.8
3	23.9	20.0	26.3	23.6	30.3	23.9	31.1	23.9	30.2	24.3	27.6	23.9
4	24.0	19.6	24.8	22.3	30.2	23.9	30.9	24.0	29.4	24.3	26.3	24.0
5	23.8	20.1	25.0	22.2	29.4	23.8	30.7	24.0	29.1	24.3	25.0	23.8
6	24.2	20.6	25.3	22.4	30.3	24.0	30.8	24.1	28.5	24.6	24.7	24.0
7	24.1	21.3	26.5	22.9	30.2	24.0	28.2	24.3	25.4	24.1	25.3	24.0
8	24.2	21.8	26.9	23.0	29.9	24.1	27.9	24.3	26.1	24.1	26.5	24.5
9	24.8	22.7	27.0	23.0	28.9	24.1	27.4	24.0	26.6	24.2	25.5	24.4
10	25.8	22.8	26.2	23.3	28.3	24.4	27.3	24.5	26.6	24.2	25.7	24.2
11	24.7	22.5	25.7	23.7	28.1	24.5	27.3	24.4	26.7	24.2	26.0	24.2
12	23.5	22.7	26.3	23.6	28.8	24.6	27.0	24.0	30.0	24.1	26.5	24.1
13	23.3	21.0	26.0	23.5	29.6	24.5	28.8	23.9	27.3	24.1	27.0	24.0
14	23.2	21.2	25.7	23.5	30.1	24.2	29.5	24.2	25.5	23.5	26.0	24.1
15	24.2	21.1	26.1	23.4	29.2	23.9	28.6	24.3	25.8	23.6	26.8	24.1
16	24.5	21.3	26.2	23.5	29.4	23.9	28.9	24.0	27.8	23.5	28.0	24.3
17	24.7	21.8	26.3	23.2	30.0	23.8	28.9	24.1	29.7	23.9	29.3	24.2
18	24.9	22.0	26.5	23.2	29.3	23.7	27.3	24.0	30.3	23.8	27.5	24.1
19	24.7	22.2	27.3	23.2	31.4	24.0	26.9	23.9	30.5	23.9	26.9	23.6
20	24.8	22.3	28.1	23.4	31.5	24.2	26.9	23.8	29.4	24.2	24.6	23.3
21	24.7	22.6	28.4	23.3	31.3	24.3	29.3	23.8	28.6	24.2	24.6	23.5
22	25.1	22.5	28.9	23.4	30.7	24.4	28.8	24.0	28.5	23.9	25.3	23.5
23	26.1	22.7	29.1	23.5	30.1	24.3	27.8	24.1	28.4	24.1	25.4	23.5
24	26.4	22.8	29.0	23.6	28.5	24.4	27.1	24.3	28.3	24.3	25.2	23.4
25	26.4	23.0	28.0	23.7	27.6	24.6	27.9	24.4	25.9	24.2	24.9	23.4
26	25.0	23.4	26.8	24.2	28.2	24.6	27.6	24.5	28.6	24.0	24.1	23.7
27	24.4	23.2	26.7	24.2	28.3	24.4	28.4	24.2	29.4	24.0	25.3	23.8
28	25.2	22.1	27.7	24.1	28.7	24.3	28.3	24.0	29.2	23.9	26.6	24.1
29	24.6	22.6	27.9	24.2	28.8	23.9	28.4	23.8	30.2	23.9	27.5	23.9
30	25.5	23.3	29.7	24.0	28.9	23.6	29.7	24.0	30.0	24.0	27.8	23.7
31	---	---	29.7	24.2	---	---	30.3	23.9	30.9	23.9	---	---
MONTH	26.4	19.6	29.7	22.2	31.5	23.6	31.1	23.8	30.9	23.5	30.1	23.3

02310551 WEEKI WACHEE RIVER ABOVE MUD RIVER NEAR BAYPORT, FL—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	24.1	23.3	24.1	22.9	22.2	21.0	23.3	21.8	22.1	20.7	23.0	21.3
2	23.8	23.1	24.4	22.8	22.4	20.7	23.4	21.9	22.0	21.4	23.7	22.0
3	24.6	22.8	24.3	23.1	22.5	20.9	23.6	22.1	22.4	20.9	23.8	22.0
4	25.0	23.3	24.8	23.4	23.0	19.1	23.6	21.7	23.2	20.6	24.2	22.0
5	24.8	23.2	25.3	23.6	23.0	19.8	23.6	21.5	23.7	18.9	24.4	22.1
6	26.4	23.3	26.0	23.5	22.1	20.3	22.8	21.9	24.0	20.0	24.7	22.6
7	26.9	23.5	26.4	23.6	21.5	19.7	21.9	20.3	23.5	21.3	24.1	22.9
8	26.3	23.2	26.2	23.4	22.0	18.4	22.3	19.7	21.6	20.1	23.3	21.6
9	26.9	23.4	25.6	22.9	22.7	16.1	22.6	15.3	22.8	16.3	23.0	20.3
10	26.1	23.5	23.8	22.5	22.5	16.1	21.5	16.2	23.1	19.3	23.0	20.8
11	25.9	23.5	24.5	22.7	21.8	17.8	21.7	19.4	23.6	20.7	23.1	19.7
12	25.5	23.7	24.7	22.8	21.9	20.3	21.9	18.0	24.0	22.0	23.4	20.4
13	26.7	23.6	24.6	22.6	22.6	20.5	21.8	19.4	23.4	22.6	23.8	21.2
14	27.7	23.8	23.0	21.2	22.4	16.8	21.8	19.0	22.8	20.9	24.0	21.7
15	26.8	23.1	23.3	20.3	21.9	20.8	22.4	20.5	23.1	21.7	23.4	21.8
16	23.9	22.1	23.5	21.7	22.8	20.6	22.0	20.6	22.6	20.8	23.4	21.8
17	23.8	22.8	23.6	22.4	22.7	16.6	22.2	15.9	22.2	20.6	24.0	22.3
18	24.3	22.6	23.9	22.7	21.4	16.0	22.6	17.4	22.2	20.1	24.1	21.4
19	24.2	22.7	23.7	22.6	21.4	17.6	22.2	17.6	22.5	19.4	24.2	21.9
20	23.9	22.8	22.9	20.6	21.1	20.0	21.7	17.9	22.5	16.2	24.3	21.9
21	24.2	22.8	22.8	20.0	21.4	16.6	21.9	17.5	23.7	16.3	24.3	22.1
22	24.6	22.8	23.2	20.0	22.2	15.6	21.9	15.5	23.6	19.1	23.5	22.0
23	24.6	23.2	23.3	20.4	22.6	13.8	21.9	15.7	23.6	20.4	23.5	21.0
24	24.4	22.3	23.4	21.0	22.5	14.9	22.3	16.0	23.0	20.3	23.6	21.2
25	24.4	22.6	22.9	21.3	21.9	17.0	22.7	16.6	21.2	19.7	23.5	21.6
26	25.5	23.3	23.6	20.5	22.3	18.2	23.3	18.4	21.9	20.6	24.1	22.1
27	26.3	23.4	23.7	21.6	22.5	20.2	22.9	21.7	21.4	19.9	24.2	22.2
28	25.8	23.6	23.8	22.3	22.8	20.7	21.7	20.5	22.2	19.7	24.3	22.3
29	24.2	23.0	22.4	20.5	22.8	18.9	22.0	19.7	22.8	20.3	24.2	22.2
30	24.0	22.1	22.2	20.2	22.8	20.6	21.9	20.8	---	---	24.2	21.9
31	24.2	22.7	---	---	23.2	22.1	21.8	21.0	---	---	24.6	22.5
MONTH	27.7	22.1	26.4	20.0	23.2	13.8	23.6	15.3	24.0	16.2	24.7	19.7
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	23.4	21.6	26.5	23.5	30.5	24.1	29.7	23.9	29.5	24.1	30.1	23.9
2	23.7	20.0	26.9	23.8	30.5	24.0	30.4	23.9	29.0	24.1	29.0	23.7
3	23.9	19.7	26.4	23.6	30.3	23.8	31.1	23.8	30.2	24.3	27.6	23.8
4	23.9	19.5	24.8	22.3	30.1	23.8	30.9	24.0	29.6	24.3	26.2	23.9
5	23.7	20.0	24.9	22.1	29.3	23.7	30.6	24.0	29.2	24.3	24.9	23.7
6	24.1	20.5	25.2	22.4	30.4	23.9	31.2	24.0	28.7	24.5	24.7	23.9
7	24.0	21.2	26.5	22.9	30.4	23.9	28.4	24.3	25.4	24.1	25.2	24.0
8	24.1	21.7	26.8	22.9	30.2	24.1	27.9	24.2	26.1	24.0	26.4	24.5
9	24.7	22.6	27.1	23.0	29.3	24.1	27.3	23.9	26.5	24.2	25.5	24.4
10	25.7	22.8	26.2	23.3	28.9	24.4	27.2	24.4	26.6	24.1	25.7	24.1
11	24.7	22.4	26.4	23.6	28.7	24.5	27.6	24.3	26.8	24.1	25.9	24.2
12	23.5	22.7	26.7	23.6	29.4	24.5	27.1	23.9	30.1	24.0	26.9	24.1
13	23.3	20.9	25.9	23.5	30.1	24.4	29.0	23.9	27.5	24.0	27.1	23.9
14	23.2	21.1	25.6	23.4	30.2	24.1	29.6	24.1	25.6	23.5	26.3	24.0
15	24.1	21.1	26.1	23.3	29.2	23.8	28.7	24.3	25.8	23.5	26.8	24.0
16	24.4	21.3	26.2	23.4	29.5	23.9	28.9	23.9	27.8	23.5	27.9	24.2
17	24.6	21.8	26.3	23.2	29.9	23.8	28.8	24.0	29.6	23.8	29.3	24.2
18	24.8	22.0	26.5	23.1	29.3	23.7	27.3	24.0	30.3	23.8	27.7	24.0
19	24.7	22.2	27.2	23.2	31.3	24.0	26.9	23.8	30.5	23.8	27.3	23.5
20	24.7	22.3	28.0	23.3	31.5	24.2	27.0	23.7	29.3	24.1	24.5	23.3
21	24.6	22.5	28.4	23.2	31.4	24.2	29.5	23.7	28.6	24.1	24.5	23.5
22	25.1	22.4	28.9	23.3	31.0	24.3	28.9	23.9	28.6	23.9	25.2	23.5
23	26.1	22.7	29.1	23.4	30.4	24.3	28.0	24.0	28.9	24.0	25.3	23.5
24	26.4	22.7	29.2	23.6	28.7	24.3	27.2	24.2	28.6	24.2	25.1	23.3
25	26.4	22.9	28.4	23.6	27.9	24.5	28.0	24.4	25.9	24.2	24.9	23.4
26	24.9	23.3	26.7	24.1	28.2	24.6	27.9	24.5	28.8	23.9	24.0	23.6
27	24.4	23.2	26.6	24.2	28.7	24.3	28.8	24.1	29.4	23.9	25.3	23.8
28	25.1	22.1	28.0	24.1	28.8	24.3	28.7	23.9	29.1	23.8	26.7	24.0
29	24.5	22.7	27.9	24.1	29.0	23.9	28.7	23.8	30.1	23.8	27.6	23.8
30	25.4	23.3	29.6	24.0	28.9	23.6	29.7	23.9	29.9	24.0	27.8	23.6
31	---	---	29.7	24.1	---	---	30.2	23.8	30.8	23.8	---	---
MONTH	26.4	19.5	29.7	22.1	31.5	23.6	31.2	23.7	30.8	23.5	30.1	23.3
YEAR	31.5	13.8										

02310551 WEEKI WACHEE RIVER ABOVE MUD RIVER NEAR BAYPORT, FL—Continued

SPECIFIC CONDUCTANCE, (TOP) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	7,990	418	16,800	427	13,200	490	4,890	428	20,500	479	10,500	563
2	5,100	413	14,400	424	555	482	5,910	423	13,100	470	1,940	558
3	4,290	410	3,480	425	536	471	3,010	424	23,700	472	741	601
4	5,040	416	560	430	517	472	1,080	421	2,910	517	796	331
5	510	421	1,020	420	520	462	1,020	419	5,420	334	788	347
6	517	431	507	450	2,480	453	10,900	416	27,200	318	1,080	376
7	533	432	1,280	446	19,200	433	17,100	420	27,200	537	23,600	538
8	511	428	729	447	8,320	422	16,800	421	28,000	673	26,200	533
9	6,780	422	516	455	21,500	421	16,800	428	26,800	698	8,650	539
10	12,800	413	7,500	450	22,900	422	18,000	433	27,600	797	16,600	516
11	17,700	415	22,300	435	24,200	455	20,600	442	6,820	629	19,200	532
12	15,500	406	24,700	477	2,980	458	22,800	480	14,700	582	13,400	550
13	14,300	429	25,900	527	19,200	473	24,000	485	23,000	591	20,100	571
14	12,000	426	16,000	467	17,800	465	27,900	534	18,400	620	10,700	522
15	15,700	420	3,400	463	---	---	727	557	12,700	591	11,700	535
16	6,850	433	2,100	472	---	---	---	---	4,700	581	20,600	531
17	11,700	449	12,600	473	530	454	---	---	3,010	569	1,930	524
18	11,300	436	3,570	472	869	437	---	---	718	570	608	533
19	14,100	443	529	456	15,300	440	---	---	---	---	642	483
20	10,600	422	4,450	435	2,030	433	13,700	494	15,200	387	856	582
21	498	433	5,240	419	479	441	16,700	464	16,800	595	11,400	557
22	513	438	17,000	417	21,500	415	21,700	441	17,900	566	16,400	532
23	527	443	22,700	419	18,600	431	24,800	464	16,100	534	12,400	501
24	15,100	438	30,400	450	3,060	407	---	---	19,100	536	8,430	496
25	15,800	426	30,400	500	11,800	383	11,100	454	17,800	532	14,800	509
26	12,500	417	828	503	21,400	425	22,000	494	10,900	546	11,200	497
27	11,600	421	19,100	515	---	---	23,200	502	18,700	555	22,700	544
28	13,900	421	22,100	525	---	---	9,980	491	16,300	581	22,900	525
29	15,600	422	1,030	524	2,060	461	14,600	476	---	---	11,700	529
30	16,700	422	8,970	518	3,760	441	21,700	468	---	---	10,500	513
31	16,200	423	---	---	10,600	434	12,100	473	---	---	13,800	524
MONTH	17,700	406	30,400	417	---	---	---	---	---	---	26,200	331
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	14,800	534	16,400	594	---	---	563	492	4,720	467	8,040	501
2	16,800	548	5,640	590	---	---	3,680	502	6,870	477	10,800	553
3	637	538	7,020	575	---	---	5,630	496	8,480	483	10,100	553
4	1,570	549	14,500	579	---	---	9,650	492	7,870	470	7,740	534
5	13,900	520	15,500	571	---	---	13,300	536	8,130	479	6,120	543
6	17,100	530	2,400	558	---	---	14,300	541	7,850	473	5,970	529
7	22,200	545	14,800	524	---	---	13,400	519	7,890	468	5,330	502
8	22,200	536	22,700	555	---	---	11,800	510	6,650	455	4,930	490
9	13,000	496	20,600	553	---	---	6,520	496	5,330	443	3,790	465
10	16,100	519	18,600	554	---	---	18,200	566	5,760	444	7,900	463
11	16,100	538	18,200	538	---	---	11,500	528	5,180	448	3,880	460
12	17,300	571	18,100	525	---	---	5,730	518	7,260	454	980	465
13	13,200	524	12,300	476	---	---	950	510	6,560	440	12,300	465
14	14,400	537	---	---	---	---	6,170	527	6,990	450	17,200	492
15	707	556	---	---	---	---	9,670	518	8,140	451	16,400	484
16	---	---	---	---	---	---	1,860	496	10,200	465	23,100	498
17	---	---	---	---	8,910	620	6,780	488	11,800	475	22,500	534
18	---	---	---	---	12,300	611	14,200	499	12,800	495	23,200	567
19	18,000	564	---	---	10,400	590	23,100	516	12,600	509	20,000	620
20	18,500	547	---	---	11,200	632	22,500	510	12,700	528	8,750	601
21	21,400	519	---	---	11,600	640	20,800	541	12,400	522	24,100	640
22	21,200	516	---	---	12,300	627	19,900	530	11,000	528	31,400	1,010
23	23,200	568	---	---	12,800	661	14,200	521	9,650	498	27,500	814
24	11,000	503	---	---	9,910	615	10,900	491	8,740	520	23,100	701
25	22,100	564	---	---	10,900	615	6,620	488	7,070	528	2,250	660
26	23,300	604	---	---	12,300	593	4,430	483	631	570	2,660	637
27	19,500	651	---	---	7,600	574	2,470	479	8,430	528	1,930	626
28	13,800	672	---	---	2,920	585	929	489	14,600	499	20,800	652
29	18,500	644	---	---	5,740	584	1,070	478	11,100	501	24,800	628
30	19,700	640	---	---	6,470	495	590	471	5,400	471	27,200	639
31	---	---	---	---	---	---	3,550	476	7,580	482	---	---
MONTH	---	---	---	---	---	---	23,100	471	14,600	440	31,400	460

02310551 WEEKI WACHEE RIVER ABOVE MUD RIVER NEAR BAYPORT, FL—Continued

SPECIFIC CONDUCTANCE, (BOTTOM) WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	8,320	446	18,100	448	18,500	512	7,120	439	23,600	489	11,200	563
2	5,270	436	16,600	440	575	500	9,300	438	17,900	478	2,610	557
3	4,160	435	14,800	444	556	492	7,030	437	28,400	478	729	589
4	4,720	439	785	452	534	486	2,720	435	2,980	524	788	605
5	526	446	12,900	443	533	475	2,780	432	16,300	531	835	596
6	536	453	525	471	5,340	467	16,100	426	28,800	523	1,280	565
7	536	457	1,690	468	22,500	450	19,400	435	29,700	537	23,000	533
8	532	456	1,040	469	11,200	440	18,300	437	28,600	653	25,800	530
9	8,700	446	538	475	24,200	439	19,000	445	27,000	691	9,420	539
10	16,200	434	8,740	469	25,900	442	19,500	451	27,700	806	16,400	507
11	19,200	433	22,700	451	26,200	474	21,300	460	10,200	633	18,300	525
12	16,600	421	25,800	500	3,120	475	23,000	499	16,800	584	13,400	545
13	15,000	452	26,400	550	21,600	484	24,100	508	24,100	588	20,500	566
14	12,500	445	17,600	488	19,500	484	28,200	555	22,100	620	11,800	518
15	16,000	441	3,900	485	552	510	743	569	17,600	596	13,700	532
16	8,090	453	2,730	495	545	499	609	532	16,500	587	21,500	528
17	12,100	469	19,200	494	541	469	621	544	7,890	576	3,110	524
18	12,500	457	12,900	492	1,170	447	628	564	719	569	603	533
19	14,800	465	550	476	21,300	452	644	541	819	644	635	552
20	12,400	443	6,300	456	2,080	444	17,900	501	17,100	612	1,010	565
21	510	455	8,660	440	489	450	20,500	473	18,500	596	12,400	552
22	527	462	21,400	432	26,100	423	24,300	453	19,100	567	17,000	528
23	547	464	25,500	442	22,000	445	27,900	473	16,900	538	14,900	500
24	16,100	457	31,200	472	18,600	420	2,930	498	19,100	538	10,900	495
25	17,200	448	31,400	521	12,300	445	13,300	460	19,300	534	15,100	509
26	13,900	440	848	517	22,900	437	24,700	501	10,800	547	11,700	498
27	11,800	434	21,900	531	520	464	25,600	510	18,200	554	22,200	542
28	14,800	435	25,500	545	527	482	12,500	500	16,200	581	22,400	520
29	16,400	443	1,490	544	3,020	468	16,300	483	---	---	12,800	537
30	17,000	441	15,200	537	6,240	454	25,500	479	---	---	12,300	514
31	16,800	445	---	---	18,100	446	15,900	484	---	---	14,600	529
MONTH	19,200	421	31,400	432	26,200	420	28,200	426	29,700	478	25,800	495
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	16,300	540	17,000	609	11,300	606	558	490	5,030	472	8,030	504
2	17,700	550	6,700	604	11,700	618	3,910	499	6,860	482	10,500	548
3	670	541	8,150	592	---	---	5,630	494	8,290	486	9,810	551
4	2,650	550	15,100	592	---	---	9,460	487	7,700	475	7,470	543
5	14,500	503	15,300	590	---	---	14,300	527	7,950	484	5,990	557
6	16,700	538	3,900	578	---	---	15,300	529	7,650	477	5,820	529
7	21,900	557	15,700	541	---	---	14,500	510	7,710	473	5,400	513
8	21,700	550	22,300	569	---	---	13,000	499	6,470	461	4,660	499
9	12,800	510	20,200	564	---	---	6,420	484	5,320	449	4,180	474
10	15,800	533	18,500	570	---	---	19,100	550	5,670	451	8,640	472
11	15,800	547	18,400	562	---	---	11,900	513	5,320	444	3,750	469
12	17,000	583	18,100	537	---	---	7,010	500	7,040	454	678	477
13	13,900	542	13,600	515	---	---	1,230	491	6,580	441	15,100	476
14	15,100	556	11,600	518	---	---	7,710	504	7,140	454	18,000	492
15	715	576	2,880	520	---	---	10,900	510	8,180	455	17,400	501
16	684	608	847	520	---	---	3,560	496	10,200	467	23,600	500
17	905	576	3,950	520	9,060	634	8,800	490	12,800	479	23,300	541
18	6,810	601	8,510	524	13,300	626	17,200	501	13,800	498	24,100	563
19	18,200	569	13,400	544	10,500	604	24,000	516	13,600	509	21,300	613
20	18,600	558	---	---	11,200	646	23,100	511	13,700	525	9,360	510
21	21,000	530	15,200	573	11,700	650	21,500	540	13,500	521	24,100	611
22	20,800	531	15,800	563	13,300	636	20,800	530	10,700	525	31,500	1,080
23	22,600	584	20,000	577	13,800	667	15,200	522	9,370	502	28,000	791
24	12,700	525	17,900	633	9,910	624	10,600	495	8,430	521	28,800	681
25	22,200	577	17,300	637	10,900	624	6,660	492	6,910	530	23,400	638
26	22,700	613	16,700	664	13,400	598	4,700	486	605	566	30,900	618
27	20,000	667	17,000	690	7,730	578	3,100	484	8,660	528	4,980	607
28	13,800	678	15,600	680	3,660	588	1,060	492	16,800	502	31,100	633
29	19,100	654	10,200	624	6,340	583	1,290	482	13,500	503	29,600	612
30	20,300	651	9,020	611	6,870	494	584	476	8,350	473	28,800	624
31	---	---	12,200	607	---	---	4,300	479	7,760	486	---	---
MONTH	22,700	503	---	---	---	---	24,000	476	16,800	441	31,500	469

02310551 WEEKI WACHEE RIVER ABOVE MUD RIVER NEAR BAYPORT, FL—Continued

TEMPERATURE, (TOP) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	27.6	23.7	25.9	23.2	23.5	22.3	23.2	21.9	22.2	17.3	22.7	20.5
2	26.8	23.9	25.5	23.4	23.2	22.4	23.2	22.0	22.6	18.9	22.4	20.5
3	26.7	23.8	24.6	23.3	22.6	21.7	23.2	21.7	23.1	18.5	21.5	20.5
4	27.2	23.7	24.6	23.1	22.0	21.4	23.3	21.8	22.8	21.1	22.9	20.6
5	25.3	23.7	24.3	22.8	22.7	21.1	23.4	21.9	22.5	20.1	23.2	20.6
6	25.1	23.6	23.4	21.8	23.2	21.8	23.5	22.1	22.9	16.3	23.6	21.0
7	25.1	23.4	23.3	21.8	23.6	21.6	23.6	21.6	23.3	16.3	23.8	19.8
8	24.9	23.0	23.3	21.5	23.9	22.7	23.8	22.2	23.3	17.7	23.2	19.5
9	24.8	23.3	23.0	21.9	23.8	22.6	23.8	22.1	23.3	18.6	22.0	19.9
10	25.3	23.5	23.5	22.0	23.6	22.2	23.6	22.2	22.6	19.2	23.1	15.7
11	25.2	23.6	23.7	21.6	22.7	21.8	23.5	21.6	21.7	19.2	23.2	16.8
12	25.4	23.3	23.8	21.5	22.0	20.5	23.7	21.5	22.2	17.4	23.3	19.0
13	25.9	23.4	24.0	22.0	23.0	17.4	23.8	21.5	22.4	16.6	24.2	19.4
14	25.4	23.1	23.6	22.8	22.4	19.2	23.5	21.8	23.2	18.5	23.2	21.5
15	24.6	23.0	23.5	22.3	---	---	22.3	21.6	23.7	22.0	23.6	22.6
16	24.1	21.9	23.4	22.1	22.1	20.0	22.1	21.2	23.8	22.0	23.4	21.7
17	24.6	22.3	23.0	21.7	22.4	20.8	21.6	20.4	23.5	22.6	22.8	22.3
18	24.6	22.8	23.1	21.7	22.4	21.5	21.6	19.5	23.1	21.2	23.0	21.4
19	25.2	23.4	23.3	21.9	22.0	18.7	---	---	23.1	20.5	23.1	20.4
20	26.0	23.7	23.6	22.2	21.2	19.9	22.3	17.1	23.6	20.0	23.7	20.7
21	25.1	23.7	23.6	22.3	21.8	19.7	22.6	17.6	23.6	19.8	23.4	21.0
22	24.6	23.2	23.6	22.3	22.5	16.6	23.0	18.1	24.1	20.5	24.7	21.0
23	24.4	22.8	23.7	22.5	22.8	18.3	22.1	17.5	24.0	21.5	24.2	22.4
24	24.2	22.6	23.7	22.8	22.2	21.1	---	---	23.4	21.8	23.5	22.0
25	25.1	23.2	23.4	22.6	21.2	16.4	22.1	15.1	23.2	21.5	24.1	22.0
26	24.9	23.0	22.6	21.1	21.0	14.4	22.5	14.3	23.0	20.2	23.9	23.0
27	24.4	22.9	22.9	19.5	21.7	19.8	23.2	15.7	22.8	19.4	24.8	22.4
28	24.7	22.8	23.2	19.2	22.4	20.3	22.3	19.4	23.2	20.7	24.1	22.9
29	25.5	23.1	23.2	21.4	22.8	20.9	22.8	19.0	---	---	24.3	21.9
30	26.1	23.3	23.5	21.8	23.0	21.0	22.8	17.4	---	---	24.4	21.6
31	25.9	23.3	---	---	23.0	20.1	22.5	20.1	---	---	24.9	22.7
MONTH	27.6	21.9	25.9	19.2	---	---	---	---	24.1	16.3	24.9	15.7
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.2	22.9	24.8	22.8	---	---	25.8	24.1	27.0	24.0	28.4	24.2
2	24.6	23.1	25.2	23.2	---	---	26.6	24.4	29.3	24.1	29.3	24.2
3	23.8	21.4	25.5	22.9	---	---	28.2	24.4	30.3	24.0	28.4	23.9
4	24.5	21.4	25.3	23.1	---	---	29.4	24.3	30.7	24.0	28.2	24.0
5	24.6	21.9	23.3	22.8	---	---	30.6	24.1	30.6	24.0	27.2	23.8
6	24.9	22.6	24.3	22.3	---	---	31.2	24.1	31.0	23.9	27.2	23.6
7	24.0	22.8	24.7	21.9	---	---	31.2	24.0	29.6	23.9	26.5	23.8
8	24.5	22.0	25.0	22.3	---	---	30.8	24.0	28.6	23.8	25.9	23.8
9	24.8	22.3	25.9	22.7	---	---	26.6	23.8	28.6	23.9	26.0	23.6
10	24.6	22.5	26.2	22.7	---	---	26.6	24.2	28.3	24.1	26.4	23.6
11	24.8	22.2	26.6	22.9	---	---	28.0	24.1	27.4	24.1	25.9	23.7
12	24.7	22.7	26.5	22.9	---	---	27.4	24.0	29.2	24.3	26.0	23.6
13	25.0	23.3	26.6	23.1	---	---	27.1	24.0	27.9	24.1	27.1	24.1
14	24.7	22.5	---	---	---	---	26.9	24.1	28.3	24.4	27.3	23.9
15	24.3	21.7	---	---	---	---	27.2	24.2	27.7	24.0	27.7	23.8
16	---	---	---	---	---	---	26.1	23.9	29.9	24.3	28.6	23.7
17	24.4	21.1	---	---	29.1	24.7	26.7	24.3	31.2	24.4	29.2	23.7
18	24.6	21.3	---	---	29.4	24.4	29.1	24.3	31.2	24.0	29.8	23.8
19	24.6	21.8	---	---	27.7	23.7	30.2	24.2	31.0	24.1	29.9	23.9
20	24.8	22.6	---	---	28.7	23.8	30.4	24.1	31.1	24.0	26.4	23.8
21	24.8	22.4	---	---	27.9	23.6	30.2	24.0	31.1	23.9	28.8	23.9
22	24.9	22.6	---	---	28.1	23.8	31.7	24.2	31.3	24.2	28.1	24.5
23	23.8	22.8	---	---	28.5	23.5	29.6	24.3	28.9	24.0	26.8	24.3
24	23.8	21.8	---	---	27.9	23.5	29.3	24.2	27.9	23.9	26.8	24.1
25	24.1	20.3	---	---	27.4	23.7	29.1	24.0	28.0	24.1	25.6	23.8
26	23.1	20.7	---	---	29.5	24.0	28.7	24.0	26.2	24.1	25.7	24.0
27	24.2	20.9	---	---	28.2	24.4	27.2	24.2	28.2	24.3	25.7	23.8
28	24.7	22.0	---	---	26.3	24.2	26.5	24.3	28.4	24.9	28.0	23.7
29	25.1	22.2	---	---	26.1	24.3	26.4	24.3	27.7	24.2	27.7	23.5
30	25.6	22.9	---	---	26.0	24.0	26.4	24.0	27.1	24.4	28.3	23.8
31	---	---	---	---	---	---	25.8	23.9	28.6	24.3	---	---
MONTH	---	---	---	---	---	---	31.7	23.8	31.3	23.8	29.9	23.5

02310551 WEEKI WACHEE RIVER ABOVE MUD RIVER NEAR BAYPORT, FL—Continued

TEMPERATURE, (BOTTOM) WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	27.7	23.7	26.0	23.2	23.4	22.0	23.1	21.7	22.1	16.6	22.6	20.1
2	27.0	23.8	25.6	23.4	23.1	22.3	23.2	21.9	22.6	17.9	22.4	20.5
3	26.8	23.7	25.7	23.2	22.5	21.6	23.1	21.6	23.1	17.7	21.4	20.4
4	27.2	23.6	24.5	23.0	21.9	21.3	23.3	21.7	22.7	21.0	22.8	20.5
5	25.2	23.6	25.6	22.8	22.6	21.1	23.3	21.9	22.4	18.0	23.1	20.5
6	25.1	23.6	23.3	21.8	23.2	21.8	23.4	21.7	22.8	16.0	23.6	21.0
7	25.0	23.3	23.2	21.7	23.6	21.1	23.5	21.3	23.2	15.8	23.7	19.7
8	24.8	22.9	23.2	21.4	23.8	22.6	23.7	21.7	23.2	17.5	23.1	19.4
9	24.7	23.2	23.0	21.8	23.8	22.6	23.7	21.9	23.2	18.6	21.9	19.8
10	25.6	23.5	23.5	21.8	23.6	22.1	23.6	22.1	22.6	19.1	23.0	15.4
11	25.2	23.6	23.6	21.4	22.6	21.7	23.4	21.5	21.6	18.3	23.2	16.7
12	25.3	23.2	23.7	21.4	21.9	20.4	23.6	21.5	22.2	17.0	23.2	18.7
13	25.8	23.3	23.9	22.0	22.9	16.8	23.7	21.5	22.3	15.9	24.1	19.3
14	25.3	23.0	23.6	22.8	22.3	19.0	23.4	21.7	23.1	17.8	23.2	21.4
15	24.6	22.9	23.4	22.3	21.1	19.7	22.2	21.5	23.6	21.1	23.6	22.4
16	24.0	21.8	23.3	22.0	22.1	20.0	22.0	21.1	23.7	21.9	23.4	21.5
17	24.6	22.3	23.0	21.3	22.4	20.7	21.6	20.3	23.4	22.2	22.7	22.1
18	24.7	22.7	23.0	21.3	22.3	21.5	21.5	19.8	23.0	21.2	22.9	21.3
19	25.1	23.3	23.2	21.8	21.9	17.7	21.6	20.0	23.0	20.5	23.0	20.3
20	26.2	23.6	23.5	22.0	21.1	19.8	22.2	15.7	23.5	19.6	23.6	20.7
21	25.1	23.7	23.6	22.2	21.7	19.7	22.5	16.7	23.6	19.2	23.3	20.8
22	24.5	23.2	23.5	22.3	22.4	15.6	22.9	17.0	24.1	20.1	24.6	20.4
23	24.3	22.7	23.6	22.4	22.7	16.9	22.0	17.0	23.9	21.3	24.1	22.3
24	24.2	22.6	23.7	22.7	22.2	18.4	21.3	19.3	23.3	21.7	23.4	21.8
25	25.1	23.1	23.4	22.5	21.2	16.1	22.1	14.1	23.1	21.2	24.1	21.8
26	24.9	22.9	22.5	21.0	21.0	14.0	22.4	13.6	22.9	20.1	23.8	22.9
27	24.3	22.8	22.9	19.1	21.7	19.7	23.1	15.1	22.7	19.4	24.7	22.3
28	24.6	22.7	23.1	18.8	22.4	20.2	22.2	18.8	23.1	20.6	24.0	22.8
29	25.5	23.0	23.1	21.3	22.8	20.7	22.8	18.6	---	---	24.3	21.9
30	26.1	23.2	23.4	21.3	22.9	20.4	22.8	16.7	---	---	24.3	21.6
31	26.1	23.2	---	---	23.0	18.7	22.4	19.4	---	---	24.8	22.7
MONTH	27.7	21.8	26.0	18.8	23.8	14.0	23.7	13.6	24.1	15.8	24.8	15.4
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.2	22.8	24.7	22.7	26.5	24.1	25.8	24.1	27.3	24.0	28.5	24.2
2	24.5	23.0	25.2	23.2	26.2	23.8	26.7	24.4	29.4	24.1	29.4	24.2
3	23.7	21.3	25.5	22.8	---	---	28.2	24.4	30.3	24.0	28.5	24.0
4	24.5	21.3	25.3	23.0	---	---	29.4	24.3	30.7	24.0	28.3	24.0
5	24.6	21.9	23.2	22.8	---	---	30.6	24.1	30.6	24.0	27.3	23.8
6	24.8	22.6	24.2	22.3	---	---	31.3	24.1	31.1	23.9	27.3	23.6
7	23.9	22.8	24.6	21.8	---	---	31.2	24.0	29.6	23.9	26.7	23.8
8	24.4	21.9	24.9	22.3	---	---	30.9	24.0	28.6	23.8	25.9	23.8
9	24.7	22.2	25.8	22.6	---	---	26.7	23.8	28.7	23.9	25.9	23.6
10	24.5	22.4	26.1	22.6	---	---	26.6	24.2	28.5	24.1	26.7	23.6
11	24.7	22.1	26.6	22.8	---	---	28.0	24.1	27.6	24.1	26.0	23.7
12	24.6	22.6	26.4	22.8	---	---	27.9	24.0	29.2	24.3	26.0	23.6
13	24.9	23.2	26.5	23.0	---	---	27.3	24.0	28.0	24.1	27.4	24.1
14	24.6	22.4	26.1	23.1	---	---	27.5	24.2	28.6	24.4	27.5	23.9
15	24.2	21.7	26.0	23.4	---	---	27.6	24.2	27.8	24.0	27.8	23.8
16	24.1	21.4	26.0	23.4	---	---	26.1	23.9	30.0	24.2	28.6	23.7
17	24.4	21.2	25.9	23.7	29.1	24.7	27.4	24.3	31.2	24.4	29.3	23.7
18	24.6	21.3	26.1	23.5	29.4	24.4	29.5	24.3	31.3	24.0	29.8	23.9
19	24.5	21.6	26.7	23.5	27.7	23.7	30.2	24.2	31.0	24.1	29.9	23.9
20	24.7	22.5	---	---	28.7	23.8	30.4	24.1	31.1	24.0	29.4	23.8
21	24.8	22.3	27.4	23.8	27.9	23.6	30.2	24.0	31.2	23.9	28.9	23.9
22	24.9	22.5	27.3	23.5	28.2	23.8	31.8	24.2	31.4	24.2	28.1	24.5
23	23.7	22.7	28.1	23.5	28.5	23.5	29.6	24.3	28.9	24.0	26.8	24.3
24	23.7	21.5	26.4	23.8	27.9	23.5	29.4	24.2	27.9	23.9	27.2	24.1
25	24.1	20.2	27.5	24.0	27.4	23.7	29.2	24.0	28.1	24.1	27.7	23.8
26	23.1	20.7	26.6	23.1	29.6	24.0	28.9	24.0	26.2	24.1	28.5	24.0
27	24.2	20.7	27.2	23.4	28.3	24.4	27.1	24.2	28.3	24.3	26.1	23.8
28	24.7	21.9	28.4	23.8	26.5	24.2	26.5	24.3	28.6	24.9	29.1	23.7
29	25.0	22.1	28.6	23.7	26.3	24.3	26.4	24.3	28.1	24.2	28.3	23.5
30	25.6	23.0	28.8	24.0	26.1	24.0	26.4	24.0	28.0	24.4	28.5	23.8
31	---	---	28.0	24.0	---	---	26.3	23.9	28.8	24.3	---	---
MONTH	25.6	20.2	---	---	---	---	31.8	23.8	31.4	23.8	29.9	23.5

02310600 GULF OF MEXICO NEAR BAYPORT, FL.

LOCATION.--Lat 28° 32'00", long 82° 39'01" (1927 North American datum), on line between secs. 25 and 36, T.22 S., R.16 E., Hernando County, Hydrologic Unit 03100207, at mouth of Weeki Wachee River, on Florida Department of Transportation pier at terminus of County Road 550, and 1.1 mi southwest of Bayport.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--January 1964 to September 1965 (elevations only); October 1965 to September 1976 (maximum and minimum gage heights only); October 1976 to September 1989 (maximum and minimum elevations only); January 1997 to September 2003 (maximum and minimum gage heights only); October 2003 to September 2004 (tidal high-high and low-low only).

GAGE.--Water-stage recorder. Datum of gage is 9.35 ft below National Geodetic Vertical Datum of 1929; gage readings have been reduced to elevations NGVD.

REMARKS.--Gage records water levels and tidal fluctuations in Gulf of Mexico. Interruptions in record were due to days in which a tidal high-high or low-low did not occur, or there was an equipment malfunction. Maximum and minimum EXTREMES FOR PERIOD OF RECORD represent gage height tidal high-high and low-low. The extremes for periods published previously as maximum and minimum gage heights are equivalent to tidal high-high and low-low.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 6.27 ft, Aug. 31, 1985 (result of storm surge); minimum, 2.35 ft below NGVD, Feb. 12, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 4.27 ft, July 10; minimum, 2.06 ft below NGVD, Dec. 15.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW	HIGH	LOW
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	2.90	-0.74	2.94	-0.70	2.36	-1.15	1.70	-1.27	2.29	-1.10	2.12	-0.70
2	2.58	-0.78	2.82	-0.27	1.60	-1.00	1.83	-0.95	2.14	-1.12	1.62	-0.58
3	2.47	-0.87	2.56	-0.46	1.73	-1.20	1.69	-0.98	2.73	-1.05	1.18	-1.43
4	2.60	-0.59	2.31	-0.04	1.50	-1.01	1.74	-0.84	1.42	-1.38	1.70	-1.36
5	2.11	-0.56	2.62	-0.69	1.50	-1.09	2.04	-1.09	2.04	-1.62	1.91	-1.63
6	1.84	-0.78	1.03	-0.61	2.00	-0.58	2.22	-1.37	2.83	-1.76	1.92	-1.63
7	1.31	-0.95	2.07	-0.40	2.47	-0.76	2.37	-1.50	1.90	-1.52	1.72	-1.60
8	1.78	-0.61	1.91	-0.56	2.13	-0.92	2.49	-1.61	3.51	-1.16	3.11	0.01
9	2.53	-0.42	1.38	-1.15	2.86	-1.39	1.32	-1.70	3.74	-1.08	2.24	-1.70
10	2.62	-0.27	2.28	-1.24	3.15	-0.93	2.62	-1.67	3.99	-0.49	2.28	-1.50
11	2.99	0.03	2.55	-0.96	1.56	-0.91	2.93	-1.57	2.18	-1.18	2.71	-0.83
12	2.78	-0.22	3.27	-0.83	1.88	-1.74	3.26	-1.43	2.01	-1.08	2.26	-1.17
13	3.05	-0.05	3.89	-0.94	2.56	-1.59	3.33	-1.20	2.76	-0.58	2.38	-1.08
14	3.03	-0.75	2.63	-1.61	2.59	-1.58	4.14	-1.18	2.58	0.29	2.19	-0.51
15	3.33	0.34	1.86	-1.66	0.28	-2.06	0.82	-1.57	2.26	-0.48	1.96	-1.39
16	2.61	-1.04	1.95	-1.42	0.71	-1.82	0.66	-1.52	2.20	-0.92	2.65	-1.50
17	2.88	-1.06	2.32	-1.11	1.38	-1.32	0.85	-1.60	2.19	-0.35	2.25	-0.34
18	2.74	-0.98	2.12	-0.81	1.66	-0.86	0.81	-1.74	1.33	-1.50	0.98	-1.04
19	3.01	-0.79	2.04	-0.48	2.10	-0.83	1.74	-1.78	1.45	-1.69	1.16	-1.53
20	2.75	-0.65	2.16	-0.25	0.69	-1.31	2.23	-1.46	2.30	-1.56	1.54	-1.47
21	2.18	-0.83	2.17	-0.21	1.77	-1.43	2.53	-1.21	1.91	-1.40	2.16	-1.32
22	1.56	-1.03	2.54	-0.48	2.56	-1.46	1.92	-1.19	2.42	-1.34	2.48	-1.04
23	1.99	-0.89	3.06	-0.63	2.47	-0.86	2.99	-0.80	2.35	-1.38	2.17	-1.02
24	2.69	-0.40	3.63	-0.57	1.39	-1.36	0.85	-1.93	2.62	-1.10	2.28	-0.94
25	2.66	-0.45	2.00	0.62	0.93	-1.73	2.14	-1.47	2.50	-1.26	2.38	-1.02
26	2.52	-0.78	1.23	-1.56	2.78	-1.18	2.67	-1.13	1.99	-1.35	2.21	-1.16
27	2.55	-1.05	2.03	-1.28	0.68	-1.94	2.77	-1.20	3.18	-0.85	2.98	-0.86
28	2.58	-1.02	3.17	-0.98	0.94	-1.91	2.10	-1.64	2.81	-0.22	3.03	0.06
29	2.97	-0.97	1.97	-1.42	1.52	-1.62	2.06	-1.05	---	---	2.29	-1.24
30	3.14	-0.86	2.17	-1.31	1.89	-1.55	2.58	-0.32	---	---	2.29	-0.12
31	3.10	-0.86	---	---	2.08	-1.26	2.08	-0.65	---	---	2.55	-1.43
MAX	3.33	0.34	3.89	0.62	3.15	-0.58	4.14	-0.32	3.99	0.29	3.11	0.06
MIN	1.31	-1.06	1.03	-1.66	0.28	-2.06	0.66	-1.93	1.33	-1.76	0.98	-1.70

02310600 GULF OF MEXICO NEAR BAYPORT, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW	HIGH	HIGH	LOW	LOW
	APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER			
1	2.66		-1.58		2.77		-1.36		2.52		-0.51		2.49		-0.73		2.40		-0.99		2.73		-0.85	
2	2.59		-0.80		2.06		-0.93		2.42		-0.47		2.77		-0.74		2.59		-0.90		2.87		-0.70	
3	1.52		-1.34		1.79		-1.11		2.67		-0.56		2.80		-0.91		2.77		-0.98		2.60		-0.80	
4	1.84		-1.47		2.33		-0.98		2.58		-0.98		2.69		-1.00		2.65		-1.08		2.42		-0.68	
5	1.86		-1.44		2.84		-0.82		2.81		-1.16		2.87		-1.02		2.72		-1.03		2.12		-0.82	
6	2.38		-1.12		1.87		-1.40		2.78		-0.95		3.19		-0.75		2.65		-0.97		2.06		-0.67	
7	2.91		-0.83		2.36		-1.23		2.68		-1.19		2.84		-0.89		2.69		-0.93		1.96		-0.80	
8	3.29		-0.60		2.92		-1.15		2.79		-1.07		2.75		0.09		2.36		-0.75		2.05		-0.58	
9	2.52		-1.20		3.05		-1.14		2.37		0.20		2.36		-1.05		2.12		-0.46		2.16		-0.42	
10	2.64		-0.58		2.98		-1.06		2.04		-1.18		4.27		-0.78		2.21		-0.58		2.31		-0.62	
11	3.06		-1.48		2.70		-0.17		3.25		-1.38		3.01		0.03		2.13		-0.54		2.17		-0.51	
12	3.10		-1.07		2.75		-1.28		2.40		-0.42		2.24		-0.82		2.31		-0.58		2.14		-0.43	
13	2.70		1.03		2.36		-1.18		2.17		-0.71		1.89		-0.66		2.32		-0.78		2.79		-0.52	
14	2.58		-0.54		2.43		-1.29		1.87		-0.59		2.21		-0.48		2.46		-0.76		3.25		-0.59	
15	1.06		-1.52		2.14		-0.81		1.78		-0.42		2.43		-0.49		2.60		-1.07		3.10		-0.70	
16	0.64		-1.79		1.92		-0.67		2.24		-0.10		2.40		-0.73		2.64		-0.95		3.54		-0.62	
17	0.91		-1.62		1.66		-0.67		2.52		-0.44		2.51		-1.17		2.86		-1.08		3.35		-0.57	
18	1.54		-1.43		1.86		-0.78		2.75		-0.67		2.69		-1.16		3.36		-1.01		3.34		-0.53	
19	2.08		-1.16		2.09		-0.73		2.56		-1.12		3.12		-1.14		3.46		-0.94		2.89		-0.66	
20	2.33		-0.98		2.63		-0.46		2.61		-1.41		3.34		-1.00		3.51		-0.86		2.06		-1.23	
21	2.57		-0.66		2.78		-0.80		2.94		-1.22		3.47		-1.03		3.21		-0.61		3.01		-1.40	
22	2.80		-0.65		2.85		-1.10		3.20		-1.28		3.44		-0.84		2.87		-0.59		4.12		-0.10	
23	3.48		-0.06		3.06		-1.18		3.30		0.18		3.00		0.02		2.61		-0.47		3.44		-0.06	
24	2.22		-0.92		3.45		-0.81		2.64		-1.23		2.78		-0.74		2.66		-0.58		2.55		-0.13	
25	2.72		-1.27		3.24		0.25		2.84		-1.32		2.27		-0.90		2.41		-0.80		2.10		0.04	
26	3.42		-0.03		3.17		-1.36		2.79		-1.07		2.10		-0.78		0.96		-1.39		2.12		0.05	
27	2.84		-1.16		3.18		-1.29		2.31		-0.77		2.04		-0.70		2.62		-0.21		2.05		-0.16	
28	2.47		-1.24		2.86		-1.18		1.86		-0.66		2.04		-0.77		3.48		0.06		2.41		-0.30	
29	2.88		-1.44		2.31		-0.98		2.12		-0.51		2.05		-0.72		2.96		0.66		2.63		-0.42	
30	2.95		-1.02		2.31		-0.73		2.40		-0.63		2.03		-0.76		2.83		0.04		2.70		-0.54	
31	---		---		2.72		-0.45		---		---		2.33		-0.94		2.72		-0.45		---		---	
MAX	3.48		1.03		3.45		0.25		3.30		0.20		4.27		0.09		3.51		0.66		4.12		0.05	
MIN	0.64		-1.79		1.66		-1.40		1.78		-1.41		1.89		-1.17		0.96		-1.39		1.96		-1.40	

02310600 GULF OF MEXICO NEAR BAYPORT, FL.

PERIOD OF RECORD.--October 2003 to September 2005 (discontinued).

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 39,100 microsiemens, Sept. 27, 2005; minimum, 2,360 microsiemens, Sept. 8, 2004.

TEMPERATURE.--Maximum, 32.7° C, June 26, 2004; minimum, 10.1° C, Jan. 25, 2005.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Maximum, 39,100 microsiemens, Sept. 27; minimum, 3,290 microsiemens, Oct. 8.

TEMPERATURE.--Maximum, 32.6° C, July 22; minimum, 10.1° C, Jan. 25.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	11,800	4,200	22,500	9,220	32,600	8,800	30,000	8,980	29,400	9,320	18,300	7,940
2	10,800	4,570	24,500	9,280	26,700	8,480	31,500	9,690	29,300	11,200	26,900	6,710
3	9,010	4,460	24,400	9,020	26,500	7,950	32,900	10,100	32,500	9,370	27,100	7,760
4	8,980	4,380	26,600	7,940	33,500	8,230	33,000	8,820	31,300	9,790	26,200	7,710
5	8,060	3,880	27,500	7,980	33,800	9,380	29,900	9,190	32,700	8,560	26,400	7,040
6	7,750	3,700	21,900	7,020	33,300	9,760	30,100	8,160	34,500	8,000	23,100	6,900
7	6,180	3,600	27,600	8,970	32,100	9,730	29,200	8,140	34,500	10,800	29,300	6,760
8	11,400	3,290	27,100	8,570	29,200	9,470	26,600	8,220	34,000	13,700	29,500	11,300
9	19,500	5,860	23,000	6,530	32,600	8,340	26,700	7,770	32,400	14,600	20,800	6,990
10	24,900	6,760	24,000	5,460	32,200	9,450	27,400	7,810	31,800	15,000	23,600	7,360
11	22,600	9,670	29,300	7,570	30,600	7,750	29,900	8,540	31,300	10,100	23,500	8,880
12	19,600	8,060	29,800	11,500	25,400	7,770	29,800	9,460	32,500	9,510	21,300	7,790
13	20,600	8,750	32,000	12,300	29,400	7,730	29,000	11,000	27,900	10,100	25,700	7,260
14	18,100	7,590	26,000	5,600	26,600	6,080	30,900	10,200	28,200	12,300	27,400	7,820
15	21,000	7,910	25,300	6,680	7,940	4,800	17,200	6,030	28,700	12,000	23,900	5,910
16	13,500	6,490	30,800	7,070	30,900	4,900	14,300	5,050	30,100	10,600	28,500	7,920
17	16,600	6,120	31,300	8,580	29,800	5,840	24,700	5,260	28,200	9,820	23,500	7,410
18	16,200	6,630	31,400	9,190	29,200	7,290	29,900	4,750	21,500	8,420	14,500	4,820
19	19,100	7,060	33,400	10,200	29,500	7,910	29,000	5,850	24,500	7,860	15,000	6,410
20	21,000	7,080	32,800	10,200	27,700	7,240	25,600	6,180	27,800	7,920	18,900	5,200
21	16,900	5,830	33,800	10,000	30,000	6,840	31,000	8,090	28,200	8,690	26,100	6,750
22	18,300	5,440	30,900	10,600	34,900	7,290	31,600	9,280	26,400	8,960	26,400	8,130
23	19,700	5,100	34,200	11,500	32,300	9,780	31,900	8,080	25,000	8,360	23,300	7,860
24	20,900	5,840	35,400	13,200	28,700	7,520	24,100	6,700	24,800	8,500	23,300	7,150
25	22,400	7,920	34,600	14,900	32,200	6,880	27,600	7,530	28,400	8,080	23,200	7,830
26	20,300	7,670	28,100	8,960	32,600	8,470	28,600	10,200	21,100	7,590	20,900	7,150
27	17,800	6,910	31,600	9,260	26,100	6,200	30,100	9,550	24,500	7,220	25,700	9,310
28	20,200	7,420	32,500	9,700	28,000	5,760	26,600	6,330	19,200	9,280	24,500	10,000
29	22,200	8,580	27,200	8,870	29,100	6,540	27,800	8,720	---	---	19,000	8,260
30	22,600	8,940	32,700	8,390	31,800	7,380	30,900	11,900	---	---	18,300	6,930
31	22,200	8,890	---	---	31,200	8,750	26,700	9,430	---	---	24,200	7,710
MONTH	24,900	3,290	35,400	5,460	34,900	4,800	33,000	4,750	34,500	7,220	29,500	4,820

02310600 GULF OF MEXICO NEAR BAYPORT, FL.—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	26,000	7,670	23,500	9,540	20,600	7,360	8,390	3,440	10,700	5,160	16,700	6,500
2	25,100	8,490	22,700	8,980	24,000	8,210	12,100	3,500	10,500	5,420	15,800	6,110
3	16,100	8,180	20,500	8,220	23,200	9,250	18,200	3,930	11,800	5,340	14,300	6,120
4	25,000	6,230	18,900	8,440	24,600	9,560	19,900	4,380	10,600	5,300	12,900	6,100
5	25,000	6,420	19,400	7,830	23,800	9,760	18,700	5,240	10,700	5,520	10,600	5,800
6	22,500	8,840	16,600	6,910	20,800	8,950	17,700	5,820	9,930	5,600	13,000	5,740
7	25,800	10,000	20,100	6,520	19,900	9,150	17,200	6,180	8,840	5,340	17,500	6,020
8	24,400	10,700	23,700	6,850	18,200	8,430	13,400	6,000	8,780	5,420	19,000	6,440
9	19,500	8,540	22,400	9,300	16,100	8,260	12,100	5,240	10,000	5,680	22,200	6,480
10	18,300	7,540	22,500	8,570	16,000	7,090	23,300	5,900	10,800	5,780	20,600	7,080
11	19,300	7,500	23,100	7,590	25,000	6,970	21,300	7,800	11,600	5,500	21,400	7,490
12	18,800	8,770	22,100	8,700	21,500	7,940	21,300	6,560	12,300	5,340	25,800	8,320
13	21,500	9,260	20,100	8,480	18,500	7,980	19,000	6,550	12,400	5,230	27,200	9,270
14	19,300	8,530	20,200	8,500	15,600	6,980	20,000	6,650	15,500	6,140	27,200	10,100
15	10,700	5,290	18,000	8,320	13,500	6,960	20,200	5,000	16,500	6,660	24,900	9,930
16	22,800	7,020	16,100	8,040	14,400	6,300	18,600	5,040	15,700	6,760	28,800	10,200
17	26,700	7,840	17,500	7,240	15,300	6,920	22,400	5,020	14,700	6,580	27,100	10,100
18	26,700	7,830	18,000	7,010	18,700	7,340	29,100	6,010	15,900	6,710	28,200	10,700
19	22,800	8,300	19,500	7,410	16,000	7,280	28,100	6,930	15,300	6,790	26,500	11,400
20	23,200	9,650	22,100	8,740	13,300	6,540	24,200	8,130	14,600	6,850	21,700	7,440
21	25,400	9,690	20,000	9,720	14,500	7,210	23,600	7,260	14,800	7,110	36,700	7,320
22	24,100	10,100	19,100	8,000	14,700	7,210	25,000	7,200	14,000	7,080	37,700	17,900
23	27,700	11,200	22,300	8,270	14,800	7,000	19,500	8,310	14,300	6,470	36,200	18,000
24	24,500	9,060	21,200	10,000	13,500	6,810	16,300	5,750	14,000	5,860	35,800	16,800
25	27,100	8,740	19,600	9,570	16,400	6,810	13,500	5,420	11,200	5,350	37,400	15,800
26	27,800	10,400	19,600	9,380	17,200	7,400	12,000	5,340	8,940	5,530	38,400	13,900
27	24,500	10,000	18,500	9,440	13,600	6,660	10,900	5,270	15,200	6,090	39,100	12,800
28	20,100	8,220	18,700	9,020	10,400	5,980	10,600	5,080	21,500	8,470	37,600	14,400
29	27,700	8,790	16,900	8,310	12,000	6,070	12,300	5,150	21,000	8,550	35,900	14,200
30	26,300	9,540	17,800	7,950	12,400	4,710	11,400	5,400	17,800	7,250	33,200	14,900
31	---	---	16,000	7,660	---	---	10,200	5,430	15,900	7,240	---	---
MONTH	27,800	5,290	23,700	6,520	25,000	4,710	29,100	3,440	21,500	5,160	39,100	5,740
YEAR	39,100	3,290										

02310600 GULF OF MEXICO NEAR BAYPORT, FL.—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	30.1	25.4	26.9	24.1	22.8	21.1	21.8	17.2	19.0	15.3	20.7	17.7
2	30.2	25.7	27.2	24.4	23.2	21.0	21.7	17.7	18.7	15.5	18.8	16.2
3	29.9	25.7	27.7	24.4	21.9	19.6	22.1	18.6	20.0	16.1	19.3	13.5
4	29.4	25.7	27.5	24.5	20.5	17.9	22.4	19.3	19.6	14.8	18.7	14.0
5	28.7	25.5	26.6	23.1	21.4	16.9	22.0	19.6	18.6	14.4	19.5	15.2
6	27.4	25.1	24.2	21.9	22.0	17.8	22.5	19.9	18.9	14.6	20.9	18.2
7	26.2	24.3	23.5	20.9	23.0	19.1	22.5	20.5	20.1	15.3	21.6	18.6
8	25.9	23.5	22.6	20.0	24.0	20.5	23.0	20.7	20.3	16.8	20.8	18.2
9	26.1	24.3	21.9	20.2	23.5	21.7	23.3	21.1	20.7	18.0	19.3	15.0
10	26.4	24.3	22.3	20.0	23.0	21.9	22.4	21.5	20.7	17.6	20.8	13.7
11	26.1	24.1	22.4	20.3	21.9	17.7	22.9	21.0	18.3	14.9	20.7	15.7
12	26.4	23.2	22.7	21.1	20.4	15.8	23.6	20.8	18.3	12.5	20.5	17.3
13	26.3	23.8	23.9	21.7	21.2	15.8	23.5	21.1	18.3	14.4	22.2	17.1
14	25.6	22.9	24.2	21.9	20.6	17.6	22.6	20.5	19.9	15.6	22.1	19.8
15	24.7	22.3	23.7	21.0	19.6	14.8	20.8	18.8	21.1	17.4	22.3	20.5
16	24.4	20.6	23.6	20.3	20.3	10.6	20.1	16.5	21.5	19.3	22.2	20.6
17	26.0	21.8	23.3	20.1	20.4	13.2	19.6	14.6	21.8	20.2	21.6	20.4
18	26.1	23.0	23.1	19.5	21.3	14.2	18.3	11.4	20.8	17.8	21.9	19.6
19	27.3	24.5	23.4	20.1	20.8	15.7	17.5	10.6	19.2	16.7	21.0	17.4
20	28.2	25.5	23.8	21.4	19.4	13.5	18.5	12.5	20.9	17.2	22.2	18.4
21	27.6	25.7	23.9	21.8	17.7	12.3	18.2	13.9	21.3	17.8	21.3	19.2
22	27.4	24.9	23.7	21.6	18.9	14.2	19.1	15.1	22.6	19.0	23.9	19.3
23	25.2	23.0	23.6	21.6	19.9	14.6	19.0	15.2	23.1	20.4	23.0	21.5
24	24.9	22.2	23.3	21.9	19.8	15.4	18.1	11.0	22.1	20.8	22.9	20.9
25	26.0	22.8	22.9	20.6	19.0	12.2	18.8	10.1	21.8	20.3	23.5	21.4
26	25.6	22.8	20.7	18.1	17.3	12.0	18.2	12.5	20.9	18.9	23.7	22.3
27	24.7	22.3	20.0	17.7	19.3	12.4	20.1	13.9	20.9	18.4	24.5	21.9
28	24.8	22.3	21.9	18.2	20.3	12.9	20.3	16.0	21.3	18.7	24.1	21.3
29	25.9	23.0	22.1	19.0	20.7	13.9	19.6	15.8	---	---	22.9	19.8
30	27.1	23.7	23.0	19.8	21.1	15.6	19.7	15.8	---	---	23.2	19.9
31	27.5	24.1	---	---	20.8	16.4	19.1	16.4	---	---	24.7	21.8
MONTH	30.2	20.6	27.7	17.7	24.0	10.6	23.6	10.1	23.1	12.5	24.7	13.5
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.6	22.0	24.9	22.0	28.0	25.3	28.6	25.0	31.1	26.2	30.0	27.1
2	24.5	21.4	25.9	22.6	27.8	25.3	29.7	26.0	31.3	27.1	30.2	26.0
3	21.7	18.8	26.9	22.7	27.4	25.5	31.2	26.7	31.5	26.6	29.9	25.3
4	24.2	19.6	25.1	22.8	26.6	24.8	31.6	26.9	31.8	26.4	29.6	25.5
5	24.4	20.4	23.1	22.0	27.7	24.6	32.2	26.6	31.5	26.7	28.4	24.9
6	25.1	21.8	24.8	21.3	29.5	25.1	32.2	27.1	31.6	26.5	28.4	24.7
7	23.8	22.2	25.2	21.2	30.8	26.0	32.2	26.9	30.1	26.5	28.1	25.2
8	24.2	21.3	25.9	21.9	30.1	26.5	31.4	27.1	29.6	25.7	28.1	25.3
9	24.7	21.4	26.6	22.7	29.2	25.7	28.4	25.1	30.7	26.2	29.0	25.3
10	24.7	21.5	26.7	23.1	26.9	24.8	27.1	24.9	31.3	27.1	29.9	26.1
11	23.9	20.6	27.1	23.3	27.8	24.6	28.7	25.6	32.5	27.6	29.2	26.6
12	24.3	21.7	30.6	23.7	27.7	26.0	29.8	25.9	31.2	27.7	29.4	27.3
13	24.6	22.6	26.8	23.9	29.2	25.5	31.8	26.6	30.4	27.5	29.2	27.7
14	23.9	21.7	26.2	23.3	30.6	26.4	31.4	27.5	31.4	27.3	28.7	26.9
15	23.0	18.6	27.3	24.0	32.1	27.6	29.8	26.1	31.1	26.9	29.3	26.3
16	22.3	18.6	28.7	24.8	32.3	28.2	31.0	25.3	31.8	28.0	29.7	25.8
17	22.2	17.9	28.8	25.0	32.5	27.8	30.9	25.9	32.3	27.7	30.0	25.2
18	23.5	18.2	28.8	24.5	30.8	26.6	31.3	27.5	31.8	26.9	30.4	25.7
19	24.1	20.3	28.6	24.4	30.0	25.7	30.9	27.0	31.4	26.8	30.7	26.2
20	25.0	21.3	29.5	24.8	30.2	25.9	32.1	26.3	31.4	26.5	28.9	25.6
21	25.4	21.6	28.6	25.5	28.7	25.4	31.5	26.0	31.6	26.2	29.7	25.3
22	25.6	21.8	29.0	24.5	29.2	25.5	32.6	26.7	32.3	27.5	28.7	26.8
23	23.8	21.6	29.4	24.8	28.7	25.2	30.4	27.4	31.1	26.6	28.1	26.3
24	22.0	19.6	26.9	25.4	28.2	25.2	31.0	25.7	31.0	26.5	29.3	26.8
25	22.3	18.6	27.9	25.2	27.8	25.1	31.6	26.2	29.6	26.8	30.0	27.3
26	22.2	19.7	26.9	23.3	30.1	25.7	31.8	26.9	30.1	26.1	30.5	28.2
27	23.0	19.7	27.5	24.3	29.9	26.9	31.2	28.1	29.7	27.1	31.2	28.5
28	23.7	20.5	28.6	25.6	29.2	26.1	31.9	28.0	29.7	28.8	30.5	27.6
29	24.4	21.3	29.5	25.5	28.4	26.3	30.9	28.1	29.7	27.4	29.8	27.0
30	25.4	22.6	30.1	25.9	27.9	25.1	29.9	26.6	30.5	28.2	29.6	25.9
31	---	---	28.8	26.4	---	---	28.8	25.7	30.6	27.6	---	---
MONTH	25.6	17.9	30.6	21.2	32.5	24.6	32.6	24.9	32.5	25.7	31.2	24.7
YEAR	32.6	10.1										

02310650 CHASSAHOWITZKA RIVER NEAR HOMOSASSA, FL.

LOCATION.--Lat 28° 42'54", long 82° 34'35" (1927 North American datum), in SW$^{1}/_{4}$ sec.26, T.20 S., R.17 E., Citrus County, Hydrologic Unit 03100207, on left bank just downstream from head of springs, 4.9 mi upstream from mouth, and 5.1 mi southeast of Homosassa.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1964 to September 1965 (gage-heights and periodic discharge measurements only); October 1965 to September 1977 (periodic discharge measurements and maximum and minimum gage heights only); October 1977 to September 1978, July 1985 to December 1985, October 1988 (periodic discharge measurements and maximum and minimum elevations only); February 1997 to September 1998 (discharge, gage-heights and periodic discharge measurements), incomplete; October 1998 to current year (incomplete).

GAGE.--Water-stage recorder. Datum of gage is 5.10 ft above National Geodetic Vertical Datum of 1929; gage readings have been reduced to elevations NGVD. Prior to 1978 at datum 10.00 ft below National Geodetic Vertical Datum of 1929 (gage readings reduced to NGVD).

REMARKS.--Records poor. Missing data is not estimated because it is affected by tide. Discharge measurements made about 300 ft downstream from head of springs; measurements made prior to November 1997 include flow from Crab Creek. Discharge computed from relation between artesian pressure at Weeki Wachee Well near Weeki Wachee, using maximum daily water level elevation, gage heights in the spring run, rate of change in stage, and field measurements. See WRIR 01-4230 for computation techniques. Discharge was not filtered for tidal effect.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge measured, 208 ft^3/s, Jan. 8, 1973; maximum gage height, 5.16 ft, Sept. 10, 1964; minimum discharge measured, 55.5 ft^3/s below NGVD, Feb. 26, 2002; minimum gage height, 0.05 ft below NGVD, Aug. 7, 8, 1977.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.75 ft, July 10; minimum gage height, 0.76 ft, Mar. 4, 6; maximum daily discharge, 87 cfs, Nov. 5; minimum daily discharge, 49 cfs, July 10.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	78	75	77	73	70	70	59	66	63	63	67	67
2	79	76	76	73	73	75	63	66	64	63	66	66
3	80	78	78	74	61	72	71	68	63	63	66	68
4	79	69	76	73	78	65	68	66	62	64	67	---
5	82	87	75	70	69	66	69	63	61	64	---	---
6	81	78	72	71	69	70	67	66	61	62	67	---
7	83	75	73	75	73	67	58	64	62	65	68	---
8	79	80	79	75	68	69	67	63	61	65	67	69
9	75	85	73	78	68	74	65	62	62	64	66	---
10	79	75	72	74	64	69	66	63	64	49	67	---
11	78	72	81	72	75	66	64	64	52	70	67	---
12	79	73	77	71	69	67	59	63	64	68	69	---
13	74	82	76	65	64	66	63	65	62	65	66	---
14	79	81	77	75	66	68	67	61	62	65	68	65
15	76	79	78	76	71	69	72	64	61	66	70	67
16	82	76	77	75	66	63	68	64	62	66	67	63
17	79	77	75	75	68	68	67	65	62	68	66	65
18	77	75	73	75	76	73	64	66	62	65	65	---
19	76	73	71	67	69	67	65	65	61	65	65	---
20	76	74	84	69	69	67	66	62	61	64	66	---
21	81	77	69	70	71	69	65	61	61	65	65	---
22	84	75	70	70	73	64	64	63	59	64	65	---
23	79	74	74	82	69	71	e57	61	60	65	68	---
24	75	66	83	73	67	70	69	58	64	66	68	---
25	78	83	76	72	70	63	64	62	60	68	71	---
26	82	81	76	69	71	68	59	62	61	66	70	---
27	77	65	76	71	53	62	64	60	64	67	57	67
28	77	85	76	74	70	56	66	61	63	68	69	67
29	77	77	75	69	---	74	59	63	63	68	62	66
30	76	75	74	67	---	66	57	61	65	69	67	67
31	77	---	73	73	---	65	---	60	---	67	67	---
TOTAL	2,434	2,298	2,342	2,246	1,930	2,099	1,932	1,958	1,852	2,017	---	---
MEAN	78.5	76.6	75.5	72.5	68.9	67.7	64.4	63.2	61.7	65.1	---	---
MAX	84	87	84	82	78	75	72	68	65	70	---	---
MIN	74	65	69	65	53	56	57	58	52	49	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2005, BY WATER YEAR (WY)

MEAN	66.2	64.4	68.6	65.3	59.9	59.7	58.2	58.7	58.2	65.5	67.5	69.4
MAX	78.5	76.6	75.5	72.5	69.4	70.1	67.7	65.0	67.1	74.3	77.4	78.5
(WY)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)	(2004)	(2004)	(1998)	(2003)	(2003)	(2003)
MIN	44.3	48.4	53.2	51.8	50.1	46.5	47.6	45.6	45.7	56.7	55.8	61.4
(WY)	(1998)	(1998)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(1999)	(1999)	(2002)

SUMMARY STATISTICS — WATER YEARS 1998 - 2005

HIGHEST DAILY MEAN	87	Oct 29, 2003
LOWEST DAILY MEAN	25	Sep 6, 2004
ANNUAL SEVEN-DAY MINIMUM	39	Oct 21, 1997

e Estimated

02310650 CHASSAHOWITZKA RIVER NEAR HOMOSASSA, FL.

PERIOD OF RECORD.--June 2004 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors.

REMARKS.--Temperature and specific conductance records are poor.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 6,280 microsiemens, July 21, 2004; minimum, 530 microsiemens, July 9, 2005.

TEMPERATURE.--Maximum, 25.3° C, July 10, 2004; minimum, 20.3° C, Dec. 27, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Maximum, 4,320 microsiemens, Feb. 28; minimum, 530 microsiemens, July 9.

TEMPERATURE.--Maximum, 25.1° C, June 7, 15, July 7; minimum, 20.3° C, Dec. 27.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	---	---	2,950	750	3,770	730	4,300	960
2	---	---	---	---	---	---	3,240	740	3,580	720	3,760	970
3	---	---	---	---	---	---	3,140	740	3,740	720	1,070	950
4	---	---	---	---	---	---	2,920	730	1,400	680	3,360	910
5	---	---	---	---	---	---	3,380	750	2,440	730	3,870	910
6	---	---	---	---	---	---	3,450	720	3,330	720	3,470	910
7	---	---	---	---	---	---	3,540	730	3,740	730	3,910	890
8	---	---	---	---	---	---	3,590	770	3,890	760	4,100	900
9	---	---	---	---	---	---	3,680	750	3,930	760	4,050	820
10	---	---	---	---	---	---	3,680	770	3,880	790	3,980	780
11	---	---	---	---	---	---	3,730	750	2,500	760	4,070	820
12	---	---	---	---	---	---	3,830	760	3,580	740	4,070	860
13	---	---	---	---	---	---	3,960	780	3,920	730	4,020	860
14	---	---	---	---	---	---	3,650	770	3,930	780	4,050	920
15	---	---	---	---	---	---	840	790	---	---	3,910	890
16	---	---	---	---	---	---	830	750	---	---	3,900	860
17	---	---	---	---	---	---	770	720	---	---	3,780	900
18	---	---	---	---	---	---	730	700	---	---	960	880
19	---	---	---	---	---	---	1,850	700	---	---	980	830
20	---	---	---	---	---	---	3,160	710	---	---	2,680	770
21	---	---	---	---	---	---	3,290	720	---	---	3,160	840
22	---	---	---	---	2,600	710	3,560	710	---	---	3,930	890
23	---	---	---	---	3,320	730	3,560	700	---	---	3,940	860
24	---	---	---	---	3,330	750	800	740	4,080	850	4,100	900
25	---	---	---	---	1,020	730	3,460	710	4,180	870	4,120	870
26	---	---	---	---	3,100	700	3,630	720	3,860	870	4,060	680
27	---	---	---	---	770	730	3,830	710	4,080	830	4,270	830
28	---	---	---	---	790	730	3,560	740	4,320	850	4,150	780
29	---	---	---	---	2,260	710	3,600	730	---	---	4,080	790
30	---	---	---	---	2,990	740	3,860	720	---	---	3,990	790
31	---	---	---	---	3,230	750	3,750	740	---	---	4,010	750
MONTH	---	---	---	---	---	---	3,960	700	---	---	4,300	680

02310650 CHASSAHOWITZKA RIVER NEAR HOMOSASSA, FL.—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	3,980	790	4,210	900	4,000	830	3,150	710	2,750	600	4,030	590
2	3,980	780	3,880	940	3,960	840	3,040	690	2,970	590	4,050	600
3	2,630	810	3,210	870	3,920	840	3,230	640	3,270	580	3,840	610
4	2,170	760	3,740	810	3,920	850	3,270	650	3,130	570	3,680	---
5	3,840	740	1,010	690	3,430	830	3,770	630	3,060	---	---	---
6	4,060	770	2,280	840	4,030	880	3,870	660	2,960	590	---	---
7	4,160	820	3,920	800	3,940	880	3,690	640	3,120	600	---	---
8	4,040	850	4,090	770	3,480	790	3,790	620	3,200	590	3,460	590
9	4,170	900	4,060	800	3,600	820	1,750	530	2,920	590	3,140	---
10	4,010	820	4,060	800	1,090	840	3,820	550	3,030	570	---	---
11	4,180	800	3,930	800	3,930	860	4,040	600	2,770	580	---	---
12	4,030	840	3,850	770	3,920	840	1,410	560	2,970	590	---	---
13	4,010	830	3,500	790	3,040	840	780	560	2,940	590	---	580
14	3,960	820	3,450	840	1,080	830	3,050	560	3,170	610	3,890	630
15	980	850	2,890	820	1,030	830	3,080	550	3,300	580	3,970	650
16	880	740	1,840	860	3,120	810	2,280	580	3,580	600	4,030	650
17	850	710	2,120	870	3,650	810	3,110	570	3,660	620	4,120	690
18	1,740	710	2,260	820	3,640	810	3,530	550	3,760	600	---	---
19	3,270	790	2,990	810	2,770	800	3,630	570	3,930	610	---	---
20	3,620	830	3,430	830	3,470	780	3,720	570	3,750	610	---	---
21	3,830	880	3,630	790	3,620	710	3,720	610	3,830	600	---	---
22	4,000	860	3,590	900	3,830	710	3,580	610	3,940	610	---	---
23	4,060	840	3,700	850	3,990	750	3,540	590	4,030	600	---	---
24	3,920	860	3,830	880	3,240	750	3,570	590	3,860	590	---	---
25	4,210	900	3,860	840	3,660	730	2,910	580	3,690	590	---	---
26	4,300	900	3,830	890	3,670	770	1,420	580	640	610	---	---
27	4,210	910	3,810	890	2,850	720	1,560	590	3,600	590	3,690	740
28	4,150	900	3,700	900	910	710	720	590	3,400	590	3,830	760
29	4,090	900	3,600	880	2,110	710	1,030	600	3,890	570	3,790	770
30	4,060	930	3,710	850	2,530	680	710	590	3,760	580	3,920	780
31	---	---	3,890	800	---	---	2,480	600	4,150	580	---	---
MONTH	4,300	710	4,210	690	4,030	680	4,040	530	4,150	---	---	---

02310650 CHASSAHOWITZKA RIVER NEAR HOMOSASSA, FL.—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	---	---	23.0	22.0	23.0	21.2	22.9	21.4
2	---	---	---	---	---	---	23.0	22.0	22.9	21.5	22.8	20.9
3	---	---	---	---	---	---	23.0	21.8	23.3	21.7	21.8	21.0
4	---	---	---	---	---	---	23.0	21.9	22.5	21.2	22.8	21.0
5	---	---	---	---	---	---	23.3	21.9	22.7	20.8	23.0	21.0
6	---	---	---	---	---	---	23.3	21.9	23.3	21.1	23.1	21.3
7	---	---	---	---	---	---	23.3	22.1	23.5	21.8	23.8	21.7
8	---	---	---	---	---	---	23.4	22.2	23.7	21.8	23.4	21.8
9	---	---	---	---	---	---	23.2	22.1	23.5	21.7	22.8	21.3
10	---	---	---	---	---	---	23.2	22.3	23.0	21.4	23.2	21.4
11	---	---	---	---	---	---	23.2	22.3	22.3	20.7	23.6	21.6
12	---	---	---	---	---	---	23.2	22.3	22.9	20.9	23.4	21.9
13	---	---	---	---	---	---	23.3	22.4	23.2	20.9	23.7	21.8
14	---	---	---	---	---	---	23.1	21.9	23.4	21.2	23.4	22.4
15	---	---	---	---	---	---	22.2	21.6	---	---	23.4	22.6
16	---	---	---	---	---	---	22.2	21.4	---	---	23.5	22.6
17	---	---	---	---	---	---	21.7	20.9	---	---	23.1	22.4
18	---	---	---	---	---	---	21.7	20.6	---	---	22.8	21.8
19	---	---	---	---	---	---	22.2	20.7	---	---	23.2	21.5
20	---	---	---	---	---	---	22.6	20.7	---	---	23.9	21.4
21	---	---	---	---	---	---	23.1	20.6	---	---	23.3	22.0
22	---	---	---	---	23.1	21.2	23.3	21.5	---	---	24.3	22.6
23	---	---	---	---	23.0	21.8	23.0	20.8	---	---	23.4	22.7
24	---	---	---	---	22.7	21.2	21.8	20.4	23.4	22.6	23.6	22.3
25	---	---	---	---	22.0	21.0	22.5	20.6	23.2	22.1	23.5	22.5
26	---	---	---	---	22.6	20.4	23.1	21.2	23.0	22.0	23.1	21.9
27	---	---	---	---	21.6	20.3	23.0	21.9	23.4	22.0	24.0	22.2
28	---	---	---	---	22.0	20.8	22.7	21.6	23.4	22.0	23.8	22.2
29	---	---	---	---	22.5	21.4	23.1	21.9	---	---	23.8	22.0
30	---	---	---	---	22.7	21.8	23.0	22.0	---	---	23.9	21.9
31	---	---	---	---	23.0	21.9	22.9	21.3	---	---	24.1	22.6
MONTH	---	---	---	---	---	---	23.4	20.4	---	---	24.3	20.9
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.4	22.8	23.4	22.9	24.1	23.3	24.5	23.5	24.8	23.4	24.3	23.5
2	23.4	22.1	24.1	22.9	24.4	23.2	25.0	23.5	24.6	23.5	24.4	23.4
3	23.3	21.7	24.5	22.7	24.0	23.2	25.0	23.5	24.7	23.5	24.4	23.4
4	23.6	21.6	23.4	22.4	23.8	23.2	24.9	23.5	25.0	23.4	---	23.4
5	24.1	22.0	23.0	22.1	24.3	23.2	25.0	23.5	24.8	23.5	24.6	23.4
6	24.3	22.5	23.7	22.0	24.5	23.2	25.0	23.5	24.9	23.5	---	---
7	23.3	22.7	24.3	22.3	25.1	23.3	25.1	23.5	24.6	23.5	---	---
8	24.0	22.6	24.5	22.6	24.4	23.5	24.7	23.6	24.5	23.4	24.2	23.3
9	24.2	22.6	24.4	22.6	24.3	23.4	24.4	23.5	24.7	23.4	24.4	23.3
10	23.9	22.6	24.5	22.7	23.9	23.5	24.0	23.4	24.7	23.4	---	---
11	24.3	22.4	24.4	22.9	24.5	23.4	24.6	23.7	24.9	23.5	---	---
12	24.4	22.7	24.4	22.9	24.2	23.6	24.5	23.6	24.9	23.5	---	---
13	24.4	22.8	24.4	22.9	24.5	23.6	24.8	23.6	24.7	23.5	24.6	23.2
14	24.3	22.4	24.3	23.0	24.5	23.6	24.8	23.6	24.5	23.5	24.4	23.3
15	23.5	22.1	24.2	23.2	25.1	23.5	24.5	23.6	24.8	23.3	24.3	23.2
16	23.4	22.0	24.5	23.2	24.9	23.6	24.9	23.6	24.8	23.4	24.4	23.1
17	23.5	21.8	24.1	23.2	24.9	23.5	25.0	23.5	24.4	23.5	24.5	23.2
18	23.8	21.8	24.3	23.1	24.0	23.4	24.7	23.5	24.5	23.4	---	23.3
19	24.3	22.1	24.4	23.1	24.7	23.3	24.3	23.5	24.5	23.4	---	---
20	24.4	22.4	24.6	23.1	24.6	23.4	24.6	23.4	24.7	23.4	---	---
21	24.4	22.3	24.7	23.2	24.0	23.5	24.5	23.4	24.8	23.3	---	---
22	24.4	22.4	24.6	23.2	24.4	23.4	24.8	23.6	24.6	23.4	---	---
23	23.2	22.0	24.8	23.1	24.6	23.4	24.6	23.6	24.6	23.3	---	---
24	23.9	21.7	24.0	23.3	24.4	23.5	24.5	23.6	24.8	23.3	---	---
25	24.0	21.8	24.5	23.4	24.2	23.5	24.7	23.6	24.6	23.3	---	---
26	23.5	22.1	24.4	23.2	24.8	23.6	24.7	23.5	24.6	23.7	---	---
27	24.2	22.1	24.7	23.4	24.5	23.5	24.8	23.5	24.8	23.4	24.5	23.2
28	24.1	22.1	24.8	23.4	24.4	23.5	24.9	23.6	24.8	23.4	23.9	23.2
29	24.6	22.4	24.8	23.3	24.4	23.5	24.6	23.6	24.7	23.5	24.3	23.1
30	24.6	22.8	24.9	23.3	24.3	23.5	24.8	23.6	24.7	23.5	24.0	23.2
31	---	---	24.2	23.3	---	---	24.6	23.5	24.5	23.5	---	---
MONTH	24.6	21.6	24.9	22.0	25.1	23.2	25.1	23.4	25.0	23.3	---	---

02310663 CHASSAHOWITZKA RIVER NEAR CHASSSAHOWITZKA, FL.

LOCATION.--Lat 28° 42'54", long 82° 36'23" (1927 North American datum), in SE$^{1}/_{4}$ secs.28, T.20 S., R.17 E., Citrus County, Hydrologic Unit 03100207, on private dock, on right edge of water, 0.3 mi upstream from confluence with Johnson Creek, and 2.0 mi west of Chassahowitzka.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1997 to September 1998 (gage-heights only); May 2003 to current year.

REVISED RECORDS.--WDR-04-3A: 2003, 2004.

GAGE.--Water-stage and velocity recorder. Datum of gage has not been determined.

REMARKS.--Records poor. Instantaneous discharge computed from index-velocity gage height multiple linear regression and gage height to area quadratic equation relation. Discharge is not filtered for tidal cycle. Previously published as 274254082362300 Chassahowitzka River above Johnson Creek near Chassahowitzka.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	-74	225	---	319
2	---	---	---	---	---	---	---	84	67	319	---	---
3	---	---	---	---	---	---	---	83	121	348	---	---
4	---	---	---	---	---	---	---	108	344	334	---	---
5	---	---	---	---	---	---	---	4.8	324	360	---	---
6	---	---	---	---	---	---	---	71	198	314	---	---
7	---	---	---	---	---	---	---	59	51	332	---	---
8	---	---	---	---	---	---	---	87	239	338	---	---
9	---	---	---	---	---	---	---	137	211	330	368	---
10	---	---	---	---	---	---	---	95	244	328	483	---
11	---	---	---	---	---	---	---	---	218	282	---	---
12	---	---	---	---	---	---	---	---	184	318	---	---
13	---	---	---	---	---	---	---	257	140	288	---	304
14	---	---	---	---	---	---	---	151	145	---	---	268
15	---	---	---	---	---	---	---	98	157	---	301	231
16	---	---	---	---	---	---	---	92	179	---	248	356
17	---	---	---	---	---	---	---	90	204	256	236	352
18	---	---	---	---	---	---	---	52	135	294	228	162
19	---	---	---	---	---	---	---	182	301	258	325	---
20	---	---	---	---	---	---	---	330	1,130	358	291	---
21	---	---	---	---	---	---	---	176	---	184	322	365
22	---	---	---	---	---	---	---	26	711	285	327	207
23	---	---	---	---	---	---	---	156	500	267	---	256
24	---	---	---	---	---	---	---	215	445	335	---	284
25	---	---	---	---	---	---	---	202	422	311	350	259
26	---	---	---	---	---	---	---	229	328	357	308	226
27	---	---	---	---	---	---	---	164	313	---	290	---
28	---	---	---	---	---	---	---	204	224	---	348	---
29	---	---	---	---	---	---	---	45	---	---	272	419
30	---	---	---	---	---	---	---	-35	---	---	330	352
31	---	---	---	---	---	---	---	-114	---	---	350	---
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---
MED	---	---	---	---	---	---	---	---	---	---	---	---
AC-FT	---	---	---	---	---	---	---	---	---	---	---	---
CFSM	---	---	---	---	---	---	---	---	---	---	---	---
IN.	---	---	---	---	---	---	---	---	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2003, BY WATER YEAR (WY)

MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
(WY)	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---
(WY)	---	---	---	---	---	---	---	---	---	---	---	---

02310663 CHASSAHOWITZKA RIVER NEAR CHASSSAHOWITZKA, FL.---Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	331	212	---	---	136	122	104	41	144	-34	224
2	---	---	---	---	---	264	---	39	47	144	33	231
3	315	312	221	-5.7	---	---	---	330	25	42	179	251
4	186	241	---	-14	---	263	9.9	---	83	117	151	282
5	---	168	---	---	265	220	---	154	-46	103	72	349
6	---	156	---	47	---	---	140	113	100	98	153	---
7	228	232	126	---	70	135	---	---	137	85	406	---
8	193	301	---	0.77	---	201	-40	---	160	202	239	530
9	246	---	205	---	196	---	78	206	150	127	243	415
10	---	---	---	---	---	243	---	159	111	---	170	433
11	---	214	---	---	226	---	---	259	95	---	162	391
12	270	176	---	---	118	---	206	228	128	---	18	344
13	192	---	---	---	---	---	---	349	---	---	325	---
14	49	280	---	---	94	190	399	---	---	47	---	353
15	---	134	---	---	---	200	---	---	---	11	226	83
16	---	221	---	---	312	180	---	342	---	11	176	370
17	183	266	---	---	---	269	304	362	---	-109	147	212
18	---	---	---	---	---	---	---	314	---	---	138	313
19	---	25	29	---	---	298	125	165	67	---	155	422
20	287	250	158	---	---	318	69	156	23	269	148	---
21	162	---	---	---	164	---	---	---	3.7	153	204	---
22	---	240	---	---	200	297	168	---	44	194	149	363
23	176	---	117	---	---	---	141	122	213	153	112	308
24	189	---	24	---	214	298	124	131	192	192	168	395
25	303	197	150	---	424	---	---	98	129	222	297	---
26	---	---	---	---	259	303	-16	113	151	210	---	-69
27	23	146	125	---	316	254	216	61	183	170	---	739
28	-57	---	---	---	269	---	279	-40	285	284	---	489
29	---	---	26	---	---	282	---	160	165	279	34	---
30	---	228	---	---	---	55	201	137	160	262	83	---
31	348	---	---	---	---	---	---	104	---	74	127	---
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---
MED	---	---	---	---	---	---	---	---	---	---	---	---
AC-FT	---	---	---	---	---	---	---	---	---	---	---	---
CFSM	---	---	---	---	---	---	---	---	---	---	---	---
IN.	---	---	---	---	---	---	---	---	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2004, BY WATER YEAR (WY)

MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
(WY)	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---
(WY)	---	---	---	---	---	---	---	---	---	---	---	---

SUMMARY STATISTICS	WATER YEARS 2003 - 2004	
HIGHEST DAILY MEAN	1,130	Jun 20, 2003
LOWEST DAILY MEAN	-114	May 31, 2003
ANNUAL SEVEN-DAY MINIMUM	31	May 28, 2003

02310663 CHASSAHOWITZKA RIVER NEAR CHASSSAHOWITZKA, FL.—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	321	310	---	278	---	241	29	323	239	327	256	251
2	324	---	158	---	---	255	386	228	279	331	224	168
3	286	---	---	---	---	195	284	212	232	318	203	196
4	326	40	214	253	---	113	204	339	250	301	168	165
5	398	---	---	---	---	138	232	414	260	220	167	207
6	---	---	184	146	---	161	201	415	216	173	158	168
7	419	---	---	---	---	143	50	233	193	237	183	162
8	362	---	---	177	92	217	311	201	223	190	191	182
9	325	438	162	---	---	243	228	209	235	287	188	195
10	---	---	---	---	-116	182	156	203	218	-491	208	149
11	359	241	---	174	---	148	116	231	-132	593	203	167
12	237	---	147	---	112	187	1.6	186	344	350	221	117
13	4.4	---	145	167	---	142	255	216	279	248	193	145
14	---	409	---	---	60	208	247	167	260	293	172	85
15	97	---	---	---	---	164	266	227	215	289	256	131
16	---	261	---	201	---	81	194	241	268	264	204	56
17	242	---	---	223	28	243	168	274	279	362	206	81
18	281	205	---	---	---	256	99	273	292	252	147	36
19	---	---	-14	---	---	136	161	283	320	232	121	67
20	---	---	253	---	---	119	192	239	277	97	115	197
21	297	197	---	---	142	172	191	302	221	180	123	-70
22	359	---	224	---	---	152	191	259	215	143	154	42
23	---	134	206	---	187	302	182	160	180	176	162	15
24	166	-97	---	138	129	286	355	158	230	235	154	74
25	198	---	---	---	190	246	176	223	163	221	243	54
26	---	295	---	52	135	409	73	120	152	188	190	75
27	222	---	---	---	-175	205	249	133	239	201	-78	96
28	196	317	307	---	304	165	229	181	228	212	51	98
29	---	---	---	---	---	425	59	204	247	274	31	102
30	166	248	331	---	---	234	6.9	144	313	280	151	114
31	237	---	---	---	---	185	---	213	---	232	238	---
TOTAL	---	---	---	---	---	6,353	5,492.5	7,211	6,935	7,215	5,203	3,525
MEAN	---	---	---	---	---	205	183	233	231	233	168	118
MAX	---	---	---	---	---	425	386	415	344	593	256	251
MIN	---	---	---	---	---	81	1.6	120	-132	-491	-78	-70
MED	---	---	---	---	---	187	192	223	237	237	183	116
AC-FT	---	---	---	---	---	12,600	10,890	14,300	13,760	14,310	10,320	6,990
CFSM	---	---	---	---	---	2.70	2.41	3.06	3.04	3.06	2.21	1.55
IN.	---	---	---	---	---	3.11	2.69	3.53	3.39	3.53	2.55	1.73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2005, BY WATER YEAR (WY)

MEAN	---	---	---	---	---	205	183	233	231	233	168	118
MAX	---	---	---	---	---	205	183	233	231	233	168	118
(WY)	---	---	---	---	---	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)
MIN	---	---	---	---	---	205	183	233	231	233	168	118
(WY)	---	---	---	---	---	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)

SUMMARY STATISTICS WATER YEARS 2003 - 2005

HIGHEST DAILY MEAN	1,130	Jun 20, 2003
LOWEST DAILY MEAN	-491	Jul 10, 2005
ANNUAL SEVEN-DAY MINIMUM	31	May 28, 2003

02310663 CHASSAHOWITZKA RIVER NEAR CHASSSAHOWITZKA, FL.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 2003 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of a specific conductance and temperature probe.

REMARKS.--Temperature records poor, and specific conductance records poor.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 25,200 microsiemens, March 8, 2005, Dec. 24, 2003; minimum, 2,300 microsiemens, June 22, 2003.

TEMPERATURE.--Maximum, 30.8° C, July 31, 2004; minimum, 13.9° C, Jan. 11, 12, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Maximum, 25,200 microsiemens, Mar. 8; minimum, 2,730 microsiemens, Mar. 26.

TEMPERATURE.--Maximum, 26.7° C, Oct. 3, 4; minimum, 15.6° C, Mar. 10.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
PERIOD MAY 2003 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	---	---	4,780	3,840	4,740	4,120	3,790	3,360
2	---	---	---	---	---	---	4,440	3,940	4,680	4,060	4,010	3,200
3	---	---	---	---	---	---	4,270	3,960	4,550	3,420	---	---
4	---	---	---	---	---	---	4,620	4,030	4,590	4,210	---	---
5	---	---	---	---	---	---	4,270	4,040	4,520	4,090	4,400	3,100
6	---	---	---	---	---	---	4,510	3,900	4,400	4,080	---	---
7	---	---	---	---	---	---	4,370	3,950	4,540	4,170	---	---
8	---	---	---	---	---	---	4,510	3,900	4,890	3,440	---	---
9	---	---	---	---	---	---	4,580	3,800	4,990	3,460	---	---
10	---	---	---	---	---	---	4,820	3,940	4,720	3,060	4,970	3,330
11	---	---	---	---	6,910	4,310	6,120	3,870	3,940	2,530	4,760	3,070
12	---	---	---	---	10,100	4,370	6,370	3,940	3,900	2,850	5,150	3,250
13	---	---	---	---	13,400	4,240	7,490	3,840	3,850	3,300	5,060	3,450
14	---	---	---	---	12,600	4,210	7,630	3,790	4,370	3,460	4,990	3,950
15	---	---	---	---	13,600	4,210	6,800	3,800	5,010	3,740	4,720	3,720
16	---	---	---	---	11,800	5,370	6,500	3,580	4,360	3,580	4,670	4,280
17	---	---	---	---	10,800	5,360	6,210	3,630	4,330	3,280	4,850	4,600
18	---	---	---	---	14,300	5,210	5,720	3,490	4,420	3,130	4,600	4,140
19	---	---	---	---	9,660	5,590	4,970	3,510	4,330	3,180	4,520	4,040
20	---	---	---	---	5,940	3,030	4,820	3,510	3,720	3,060	4,350	3,830
21	---	---	---	---	3,860	2,600	4,240	3,460	3,480	2,980	4,400	3,680
22	---	---	---	---	3,980	2,300	4,540	3,380	3,430	2,890	10,400	3,820
23	---	---	---	---	4,310	2,340	5,630	3,390	3,900	2,860	7,500	5,170
24	---	---	---	---	5,110	3,070	4,620	3,270	3,880	2,960	7,560	5,430
25	---	---	---	---	4,990	3,790	4,680	3,300	3,850	3,070	7,220	5,920
26	---	---	---	---	4,960	4,030	4,740	3,340	4,140	3,070	7,490	4,720
27	---	---	---	---	5,230	4,250	5,240	3,260	6,290	2,890	7,230	6,590
28	---	---	---	---	6,070	4,400	6,500	3,360	5,200	2,980	7,180	5,210
29	---	---	---	---	4,900	4,260	6,970	3,200	4,700	3,090	6,840	5,570
30	---	---	---	---	5,070	3,920	5,210	3,440	4,140	3,320	5,680	4,640
31	---	---	---	---	---	---	4,820	3,510	3,950	3,460	---	---
MONTH	---	---	---	---	---	---	7,630	3,200	6,290	2,530	---	---

02310663 CHASSAHOWITZKA RIVER NEAR CHASSSAHOWITZKA, FL.—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
PERIOD MAY 2003 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	26.9	---	27.5	25.4	27.6	25.1	27.0	25.4	27.2	26.4
2	---	---	27.3	24.3	28.8	25.0	27.6	25.5	27.0	25.9	26.9	26.4
3	---	---	27.3	24.7	28.6	25.3	27.1	25.5	27.3	25.2	---	---
4	---	---	27.8	24.4	27.2	24.0	27.7	25.5	27.5	26.2	---	---
5	---	---	28.7	25.1	26.4	23.6	27.8	25.6	27.4	26.5	---	---
6	---	---	29.2	26.1	28.1	23.9	28.2	25.7	27.6	26.6	---	---
7	---	---	29.6	26.0	29.5	24.5	28.1	26.0	27.0	25.8	---	---
8	---	---	30.2	25.6	28.6	25.8	27.9	25.7	26.2	25.3	---	---
9	---	---	30.5	25.4	27.7	24.7	27.2	25.1	25.4	24.9	---	---
10	---	---	30.4	25.8	28.4	24.9	28.3	25.4	25.4	24.3	26.2	---
11	---	---	30.0	25.8	28.7	25.2	29.4	25.5	26.3	24.9	26.1	24.6
12	---	---	29.6	25.8	29.9	26.3	28.4	25.4	26.8	25.4	26.5	24.8
13	---	---	28.2	24.4	29.5	25.8	27.2	24.6	26.9	25.6	26.9	25.4
14	---	---	28.7	24.3	29.9	26.2	27.3	24.4	27.0	25.4	26.9	25.9
15	---	---	28.5	25.0	30.4	26.1	28.0	24.9	26.9	25.5	26.9	26.1
16	---	---	29.2	25.1	29.4	26.5	27.2	25.2	27.1	25.7	26.9	26.0
17	---	---	29.8	25.4	28.6	25.5	28.2	25.2	27.1	26.2	26.6	25.3
18	---	---	30.3	26.2	28.3	26.3	29.3	26.1	27.6	26.4	26.0	25.0
19	---	---	29.3	25.7	27.3	25.1	29.1	26.2	27.6	25.9	26.1	25.4
20	---	---	28.2	24.4	25.3	23.7	28.4	25.9	26.1	25.1	26.1	25.5
21	---	---	28.5	24.2	24.9	23.5	28.2	25.1	26.1	25.3	26.4	25.6
22	---	---	27.4	24.8	25.0	24.1	28.1	26.0	25.9	25.3	26.9	25.3
23	---	---	27.3	23.9	25.4	23.8	27.8	25.0	25.9	25.0	26.5	25.5
24	---	---	28.5	24.4	26.7	24.2	26.8	24.3	26.0	24.6	26.6	24.8
25	---	---	28.6	24.7	26.5	24.4	27.4	24.0	26.2	25.3	26.7	25.1
26	---	---	29.1	25.0	26.7	24.4	27.2	24.3	26.1	25.2	26.3	24.9
27	---	---	29.1	24.5	27.1	25.0	27.3	24.3	27.6	25.2	26.1	25.1
28	---	---	28.6	24.7	27.8	25.3	28.8	24.8	26.8	25.8	26.2	25.4
29	---	---	28.2	23.8	26.5	24.6	29.0	25.0	26.9	25.9	26.3	24.5
30	---	---	28.0	24.8	26.8	24.5	27.9	25.3	27.1	26.2	24.5	23.3
31	---	---	28.4	25.4	---	---	27.2	25.4	27.2	26.4	---	---
MONTH	---	---	30.5	---	30.4	23.5	29.4	24.0	27.6	24.3	---	---

02310663 CHASSAHOWITZKA RIVER NEAR CHASSSAHOWITZKA, FL.---Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	5,390	4,800	8,050	4,750	4,890	3,630	6,780	3,440	5,660	3,590	7,470	3,670
2	5,260	4,470	6,880	4,460	5,080	3,520	8,650	3,550	5,740	3,590	7,300	3,570
3	5,010	4,560	6,760	4,610	6,000	3,640	8,880	3,540	6,080	3,570	6,040	3,690
4	5,870	4,560	10,700	3,930	12,100	3,390	10,800	3,640	6,210	3,550	7,620	3,690
5	5,560	4,260	8,510	3,340	15,800	3,120	17,000	3,640	7,710	3,600	9,800	3,860
6	5,870	4,810	10,700	3,300	10,200	3,300	16,400	3,460	14,800	3,750	13,400	3,740
7	6,440	4,980	11,900	3,330	5,500	3,280	4,770	3,510	20,500	3,480	9,900	3,680
8	6,280	5,310	12,800	3,340	8,790	3,230	6,440	3,430	4,740	3,480	8,230	3,680
9	6,080	5,480	8,800	3,300	10,900	3,310	14,500	3,600	7,110	3,660	8,050	3,710
10	6,010	5,200	5,050	3,500	23,500	3,750	16,300	3,530	7,610	3,540	5,330	3,660
11	8,360	5,210	7,250	3,630	21,100	3,500	5,240	3,620	8,660	3,510	6,820	3,550
12	8,770	5,620	12,800	3,530	11,500	3,500	6,980	3,500	8,490	3,440	8,570	3,620
13	6,770	4,580	18,300	3,180	10,500	3,480	7,500	3,460	7,100	3,490	8,980	3,530
14	6,460	4,020	6,900	3,120	22,200	3,880	8,230	3,350	13,500	3,540	11,100	3,720
15	7,780	4,940	12,300	3,360	8,290	3,280	7,550	3,290	8,370	3,370	10,000	3,680
16	5,890	3,200	13,500	3,270	8,090	3,410	7,800	3,540	6,130	3,420	8,510	3,530
17	6,860	3,260	8,630	3,120	20,300	3,460	20,500	3,550	6,130	3,660	11,300	3,540
18	8,330	3,210	16,700	3,210	10,100	3,340	21,400	3,790	5,100	3,550	7,060	3,800
19	5,230	3,270	24,100	3,900	10,200	3,630	21,300	3,520	5,450	3,500	9,270	3,830
20	5,020	3,370	7,340	3,360	6,760	3,560	8,980	3,460	12,400	3,350	7,920	3,830
21	6,000	3,290	9,020	3,400	5,810	3,560	8,550	3,520	16,800	3,470	9,900	3,840
22	7,850	3,570	11,200	3,350	7,320	3,540	13,100	3,490	14,800	3,500	8,030	4,000
23	10,100	5,340	15,700	3,620	14,500	3,570	12,300	3,470	9,220	3,680	5,770	3,870
24	9,280	3,610	21,400	3,720	25,900	3,500	9,840	3,500	12,700	3,030	5,930	3,770
25	9,490	3,560	18,900	3,560	16,100	3,360	11,200	3,550	6,270	2,720	7,020	3,530
26	10,200	3,850	20,400	3,530	10,000	3,460	12,600	3,580	5,100	2,830	7,640	3,550
27	15,300	5,780	18,400	3,670	7,560	3,540	8,470	3,430	5,030	3,340	10,800	3,600
28	18,000	7,730	19,600	3,460	7,200	3,440	4,940	3,550	5,390	3,700	8,860	3,610
29	14,900	12,000	4,220	3,410	9,090	3,510	5,940	3,760	4,960	3,690	7,300	3,510
30	12,600	9,570	5,300	3,600	8,270	3,350	5,720	3,530	---	---	9,420	3,550
31	9,570	7,780	---	---	6,600	3,320	4,010	3,500	---	---	17,500	3,690
MONTH	18,000	3,200	24,100	3,120	25,900	3,120	21,400	3,290	20,500	2,720	17,500	3,510
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	21,100	4,020	11,800	3,660	12,100	8,750	10,300	7,900	20,500	5,130	9,240	4,490
2	8,500	3,850	21,800	4,040	14,900	9,900	11,600	6,780	17,200	5,190	7,050	4,340
3	12,500	3,880	15,500	3,910	15,600	10,900	11,700	7,740	12,700	4,210	6,770	4,860
4	12,500	4,000	8,110	4,110	14,600	10,100	11,600	8,220	8,450	4,180	5,720	4,760
5	11,100	3,990	12,000	4,200	16,000	9,120	11,400	8,250	7,120	4,650	5,720	2,490
6	13,200	3,840	17,200	4,460	15,800	11,100	10,400	7,710	9,200	4,770	24,400	2,470
7	21,100	4,000	19,500	4,560	14,800	11,600	9,140	6,660	5,210	4,750	18,200	2,710
8	23,800	4,550	23,000	4,660	13,900	9,360	8,490	6,050	6,800	4,900	7,970	3,170
9	19,200	4,470	22,000	4,750	13,100	8,900	8,460	7,430	6,210	4,640	7,730	6,420
10	15,000	4,530	19,500	4,830	11,600	8,400	8,400	7,480	5,870	4,620	6,510	4,840
11	19,400	4,500	13,900	4,680	11,300	9,200	8,110	6,960	7,900	4,750	4,840	4,270
12	19,100	4,620	13,600	4,350	11,300	8,930	9,010	5,050	19,100	5,180	4,860	4,290
13	22,500	4,750	13,300	4,290	11,600	8,140	13,000	4,970	10,500	4,760	5,120	4,860
14	22,700	4,730	9,300	4,220	11,400	8,670	13,700	4,900	10,400	4,230	5,220	5,100
15	7,020	4,620	11,400	4,050	11,000	9,390	15,200	5,050	9,990	4,300	5,920	5,140
16	7,910	4,310	9,730	4,070	10,800	7,860	17,200	5,110	8,050	4,320	6,270	5,920
17	7,580	4,200	10,300	4,040	10,700	7,560	22,800	5,380	8,890	4,450	6,310	5,680
18	8,550	4,060	10,600	8,370	10,900	10,000	22,300	5,740	9,080	4,480	5,990	5,340
19	12,300	3,990	10,700	8,570	11,000	8,610	17,000	5,590	8,240	4,520	5,340	5,000
20	12,000	4,160	12,000	7,370	11,800	8,060	11,000	5,580	7,840	4,680	5,870	5,140
21	17,700	4,040	12,200	8,680	11,700	9,700	10,400	5,810	8,070	4,680	6,380	5,800
22	15,200	4,150	13,400	8,450	11,100	9,260	7,800	5,440	8,970	4,610	6,420	5,910
23	12,500	4,050	13,300	8,430	9,260	8,320	7,180	5,220	9,940	4,500	6,220	5,050
24	13,600	3,820	13,200	10,200	9,290	7,550	7,730	5,010	9,950	4,510	5,580	4,880
25	15,000	4,230	12,400	10,300	8,910	7,350	7,090	4,910	7,450	4,470	5,340	4,890
26	13,300	4,270	11,300	6,940	8,810	7,450	7,320	5,020	12,300	4,770	5,620	5,080
27	7,410	3,870	10,500	6,700	8,490	8,140	11,900	5,030	13,100	4,740	11,300	5,350
28	6,160	4,020	8,590	6,490	8,210	7,240	12,300	4,500	14,000	4,840	9,920	8,160
29	7,550	4,010	8,130	6,590	8,160	7,220	12,800	4,370	15,200	4,730	8,170	6,310
30	10,500	3,760	9,010	7,500	8,600	7,740	17,000	4,840	15,400	4,650	7,400	5,820
31	---	---	10,500	7,520	---	---	20,400	4,890	13,200	4,460	---	---
MONTH	23,800	3,760	23,000	3,660	16,000	7,220	22,800	4,370	20,500	4,180	24,400	2,470
YEAR	25,900	2,470										

02310663 CHASSAHOWITZKA RIVER NEAR CHASSSAHOWITZKA, FL.—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	24.1	23.5	24.1	23.6	22.3	18.2	23.3	19.9	20.1	17.8	21.6	18.6
2	24.0	23.6	24.1	23.3	22.1	18.0	22.7	20.3	20.5	18.3	23.6	18.7
3	24.7	23.4	24.2	23.4	21.9	18.0	23.3	20.8	21.9	18.1	24.2	21.3
4	25.0	24.3	24.5	24.0	22.2	18.3	22.9	21.0	23.1	18.7	23.9	21.6
5	25.1	24.3	24.7	24.1	22.2	18.3	23.6	21.1	23.6	19.1	24.8	22.0
6	25.4	24.2	26.0	23.4	20.2	18.3	21.9	19.8	24.2	19.6	25.2	22.7
7	25.6	24.1	26.0	23.8	20.1	16.6	20.0	16.8	23.2	19.6	24.4	22.0
8	25.1	23.8	26.1	23.9	21.1	15.1	20.5	15.0	19.7	16.6	23.4	20.4
9	25.3	24.2	25.2	21.1	21.2	15.5	20.9	14.7	21.7	15.3	22.7	18.8
10	25.2	24.2	25.1	20.0	21.3	15.7	18.5	15.7	22.0	17.6	22.2	18.8
11	25.0	24.1	24.7	21.1	20.1	16.1	20.6	13.9	22.6	18.7	21.5	17.8
12	25.1	24.4	24.6	22.3	21.1	17.2	20.6	13.9	23.8	20.3	21.9	18.7
13	25.8	24.3	24.7	22.8	20.9	16.6	20.7	15.0	23.5	20.7	21.9	19.4
14	26.3	25.5	23.1	19.2	20.9	16.1	20.7	15.9	20.7	19.1	22.5	19.9
15	26.2	24.7	22.8	19.7	21.7	17.3	21.1	16.6	21.2	19.2	22.4	20.7
16	25.0	22.9	23.3	20.3	21.1	16.7	20.6	17.6	21.3	18.5	22.8	20.9
17	24.4	23.5	24.2	21.3	21.2	15.9	19.2	15.3	21.1	17.5	23.8	21.2
18	24.4	23.6	23.7	21.8	19.9	15.1	20.1	15.3	21.2	17.1	23.9	20.5
19	24.4	23.7	22.9	21.3	19.0	15.0	19.9	16.3	21.4	16.5	24.6	21.6
20	24.3	23.4	23.0	19.6	19.0	14.9	21.2	17.1	20.9	15.8	24.3	21.9
21	23.8	22.8	22.0	19.2	19.7	14.8	22.0	15.7	22.9	15.8	25.3	21.8
22	24.0	23.1	22.9	19.5	21.0	14.1	20.7	14.9	23.0	18.3	23.7	21.3
23	24.1	23.5	22.8	19.8	21.2	14.0	20.6	14.8	23.1	19.8	22.3	18.3
24	24.0	22.8	22.8	20.3	21.1	14.0	21.6	14.9	23.1	19.7	21.4	17.7
25	23.8	22.8	21.7	20.7	20.9	16.2	21.6	15.5	21.8	19.2	22.1	19.7
26	24.6	23.5	23.7	19.7	22.6	16.3	22.2	17.2	20.8	19.4	23.0	20.2
27	25.0	24.3	23.7	20.7	22.6	16.6	22.0	19.7	20.1	17.5	23.0	20.8
28	25.1	24.5	23.2	20.9	22.4	17.1	20.8	17.4	21.3	16.7	24.3	21.3
29	24.7	24.0	21.3	17.3	22.0	17.5	19.5	16.1	20.8	17.4	23.6	21.6
30	24.0	23.0	21.8	16.4	21.5	18.8	19.8	17.2	---	---	24.0	20.6
31	24.1	23.2	---	---	22.8	19.5	19.7	18.3	---	---	24.8	22.0
MONTH	26.3	22.8	26.1	16.4	22.8	14.0	23.6	13.9	24.2	15.3	25.3	17.7
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	22.2	20.3	27.3	23.9	28.9	27.9	28.7	26.9	30.4	26.3	29.8	26.0
2	22.5	19.5	27.7	25.1	28.8	27.8	29.2	26.9	29.2	26.0	29.0	25.7
3	22.8	19.2	26.8	23.0	28.6	27.4	29.5	27.0	29.3	25.8	29.0	26.1
4	22.0	19.4	25.0	20.8	28.4	27.2	29.3	27.6	28.8	25.8	28.5	25.8
5	22.6	19.6	24.9	21.5	28.1	26.9	29.0	27.3	29.3	26.0	27.6	24.0
6	23.0	19.7	25.8	22.9	28.0	26.9	29.3	27.1	29.0	26.8	24.8	24.4
7	22.7	20.7	26.5	23.8	28.0	27.0	29.2	28.1	27.7	25.8	25.1	24.3
8	22.7	21.2	26.8	23.7	28.0	27.3	29.0	27.1	27.1	25.4	26.9	25.0
9	23.6	21.5	27.0	23.5	28.0	27.0	28.7	26.7	27.1	25.4	26.9	25.7
10	25.3	22.2	26.7	23.4	28.3	27.3	29.0	28.1	27.7	26.3	26.6	25.2
11	24.9	22.4	26.8	23.8	28.6	27.8	29.6	27.9	29.6	26.6	26.5	25.2
12	23.5	21.9	27.4	24.1	28.8	28.3	30.0	27.0	30.1	26.6	26.2	24.8
13	22.0	20.3	27.4	24.2	29.0	28.4	30.1	26.1	27.8	24.5	26.5	24.6
14	21.0	18.6	27.1	23.9	28.7	27.3	30.6	25.8	25.8	23.6	26.3	24.9
15	24.3	18.0	27.2	23.8	27.6	26.7	29.9	26.3	25.4	23.5	26.4	25.1
16	24.4	19.7	26.7	24.1	27.4	26.7	---	25.6	27.6	23.7	27.1	25.6
17	25.1	21.0	26.1	23.9	27.6	26.7	29.4	26.2	29.3	25.2	28.1	26.6
18	25.2	21.4	25.2	24.4	27.6	26.8	27.7	25.9	30.0	25.7	27.9	26.7
19	25.0	22.2	25.7	24.7	28.2	27.1	27.3	25.2	30.2	26.3	27.7	26.0
20	25.1	22.5	26.2	25.0	29.2	27.9	26.9	25.0	30.2	27.1	26.7	24.3
21	24.8	22.9	26.5	25.4	29.4	28.1	28.1	25.7	29.3	26.6	25.2	23.8
22	25.3	22.5	27.0	25.7	29.3	28.3	28.9	26.6	28.4	25.4	25.7	24.0
23	26.0	23.0	27.1	26.0	29.2	27.6	29.6	27.0	28.8	26.1	25.9	24.6
24	26.4	23.2	27.2	26.2	28.7	27.7	28.5	26.6	28.8	26.6	25.6	23.7
25	26.6	23.3	27.4	26.3	29.0	27.8	28.7	25.2	28.8	25.3	25.1	23.1
26	27.4	24.0	27.8	26.6	29.2	27.9	28.8	26.4	29.2	24.8	24.2	23.5
27	25.8	23.2	28.0	26.9	29.3	28.0	30.2	26.7	29.7	25.2	24.8	24.1
28	25.4	20.9	28.0	27.1	29.0	27.3	30.1	25.0	29.9	25.2	25.5	24.6
29	24.7	21.8	28.1	27.2	28.2	26.7	29.1	24.3	30.5	25.5	25.8	25.1
30	25.9	22.9	28.2	27.3	28.5	26.5	30.2	25.2	30.4	26.1	26.1	25.2
31	---	---	28.6	27.7	---	---	30.8	25.4	30.4	25.8	---	---
MONTH	27.4	18.0	28.6	20.8	29.4	26.5	---	24.3	30.5	23.5	29.8	23.1

02310663 CHASSAHOWITZKA RIVER NEAR CHASSSAHOWITZKA, FL.—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	6,100	5,640	8,250	6,310	7,820	5,470	5,080	4,180	---	---	10,000	3,410
2	5,650	5,390	7,700	6,450	7,060	5,500	5,100	4,190	---	---	7,260	3,620
3	5,520	5,010	7,070	6,420	6,740	5,620	4,830	4,110	---	---	6,060	3,530
4	6,250	5,060	7,000	5,880	6,540	4,580	4,700	4,040	---	---	6,750	3,510
5	6,460	5,200	6,870	5,880	6,770	5,020	4,960	4,170	---	---	7,090	3,530
6	7,120	5,170	7,250	6,870	5,750	4,370	4,950	4,200	---	---	7,770	3,490
7	7,470	6,610	7,380	4,630	5,170	4,100	---	---	---	---	9,610	3,500
8	7,370	6,230	6,540	5,000	5,400	4,690	---	---	---	---	25,200	3,870
9	6,860	5,930	6,630	3,720	5,570	3,070	---	---	---	---	11,700	3,450
10	6,210	5,730	7,580	5,070	8,960	4,680	---	---	---	---	10,000	3,540
11	6,360	5,840	7,060	5,120	7,640	4,220	---	---	---	---	14,000	3,510
12	6,200	5,900	9,750	6,720	7,020	4,680	---	---	---	---	9,880	3,510
13	7,440	5,610	11,600	7,560	6,370	5,340	---	---	---	---	12,600	3,520
14	7,420	5,240	11,200	8,890	5,660	4,960	---	---	---	---	8,560	3,540
15	9,100	4,570	9,530	5,960	6,760	5,450	---	---	---	---	7,680	3,580
16	6,990	4,990	8,700	4,400	6,680	5,140	---	---	---	---	13,600	3,670
17	6,680	4,970	8,070	5,280	5,140	4,280	---	---	---	---	6,930	3,440
18	6,580	5,270	7,030	5,060	4,510	3,900	---	---	---	---	6,340	3,380
19	7,710	4,140	6,750	5,060	4,550	3,570	---	---	---	---	6,130	3,490
20	7,410	5,030	6,560	5,060	4,950	3,690	---	---	---	---	6,030	3,250
21	7,650	6,510	6,320	5,220	4,540	3,750	---	---	---	---	6,420	3,450
22	7,670	5,990	5,720	5,270	6,100	4,070	---	---	---	---	8,720	3,510
23	7,730	5,800	6,380	5,600	12,700	5,000	---	---	---	---	8,770	3,460
24	6,930	5,240	10,500	6,210	6,880	4,430	---	---	13,600	3,340	7,930	3,430
25	6,470	5,490	16,400	9,930	5,030	3,930	---	---	12,100	3,390	10,600	3,660
26	6,170	5,490	13,600	10,800	5,580	4,090	---	---	8,360	3,460	7,170	2,730
27	6,190	5,540	10,800	7,690	5,150	4,310	---	---	23,700	3,310	11,400	2,810
28	6,840	5,940	12,500	7,600	4,970	4,600	---	---	17,400	3,980	13,200	3,140
29	8,440	5,840	9,910	7,730	5,010	4,320	---	---	---	---	5,580	3,220
30	7,800	6,140	7,830	6,300	4,900	4,280	---	---	---	---	7,860	3,460
31	8,120	6,520	---	---	6,190	4,220	---	---	---	---	8,270	3,950
MONTH	9,100	4,140	16,400	3,720	12,700	3,070	---	---	---	---	25,200	2,730
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	13,700	4,040	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02310663 CHASSAHOWITZKA RIVER NEAR CHASSSAHOWITZKA, FL.—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	26.4	25.7	24.8	24.5	22.4	21.6	21.5	20.1	---	---	21.3	17.9
2	26.6	25.8	25.1	24.7	22.4	21.8	21.8	20.6	---	---	20.6	17.5
3	26.7	26.0	25.1	24.7	22.2	21.4	21.8	20.7	---	---	20.4	16.2
4	26.7	26.0	25.1	24.6	21.7	20.2	22.0	20.8	---	---	20.2	17.1
5	26.3	25.5	25.0	24.2	21.0	20.2	22.0	21.1	---	---	21.3	17.8
6	25.9	25.3	24.2	22.6	21.6	20.7	22.0	21.3	---	---	21.9	19.0
7	25.5	24.6	23.3	22.4	22.2	21.3	---	---	---	---	22.6	19.3
8	25.2	23.9	22.8	21.9	22.8	21.9	---	---	---	---	20.8	18.3
9	24.8	24.2	22.5	22.1	23.2	21.8	---	---	---	---	19.2	16.9
10	24.8	24.3	22.4	21.9	23.0	22.6	---	---	---	---	22.1	15.6
11	24.8	24.2	22.3	21.8	22.6	21.5	---	---	---	---	21.7	16.3
12	24.5	23.9	22.4	21.8	21.5	20.3	---	---	---	---	21.5	18.1
13	25.0	24.3	22.9	22.1	21.2	19.8	---	---	---	---	23.0	18.3
14	24.7	24.0	23.0	22.6	21.2	19.7	---	---	---	---	22.9	20.7
15	24.4	23.7	23.0	21.8	20.0	18.1	---	---	---	---	24.8	21.2
16	23.7	22.7	22.9	21.3	19.9	17.2	---	---	---	---	22.7	21.1
17	24.1	23.1	22.7	21.6	20.3	18.5	---	---	---	---	22.1	21.2
18	24.3	23.7	22.5	21.4	20.9	19.4	---	---	---	---	22.2	19.6
19	24.9	24.2	22.4	21.7	20.5	19.5	---	---	---	---	21.5	18.2
20	25.5	24.9	22.5	21.9	19.6	18.8	---	---	---	---	22.4	19.0
21	25.1	24.9	22.6	22.1	19.1	17.3	---	---	---	---	22.3	20.6
22	25.0	24.3	22.6	22.0	19.1	17.7	---	---	---	---	24.1	20.4
23	24.5	23.8	22.5	22.2	19.4	17.5	---	---	---	---	23.9	21.9
24	24.0	23.4	22.5	22.3	19.6	18.9	---	---	22.7	20.9	23.1	20.9
25	24.1	23.7	22.6	22.2	19.1	18.2	---	---	22.3	20.5	23.7	22.0
26	24.1	23.8	22.2	21.0	18.3	17.1	---	---	21.0	19.2	22.6	21.0
27	24.0	23.6	21.2	20.3	19.3	17.7	---	---	21.2	18.8	23.3	20.9
28	23.9	23.6	21.7	20.0	20.1	18.3	---	---	22.1	18.6	23.3	21.3
29	24.2	23.7	22.0	21.1	20.7	18.7	---	---	---	---	23.1	20.1
30	24.6	24.1	22.3	21.0	21.0	19.3	---	---	---	---	22.8	20.7
31	24.8	24.5	---	---	20.9	19.4	---	---	---	---	24.2	21.7
MONTH	26.7	22.7	25.1	20.0	23.2	17.1	---	---	---	---	24.8	15.6
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	23.9	21.4	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

02310675 HIDDEN RIVER NEAR HOMOSASSA, FL.

LOCATION.--Lat 28° 45'59", long 82° 35'20" (1927 North American datum), in NE$^{1}/_{4}$ sec.10 T.20 S., R.17 E., Citrus County, Hydrologic Unit 03100207, on right bank, on Burnt Bridge Road, and 2.0 mi southeast of Homosassa. Homosassa.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--January 1997 to September 2003 (discharge measurements only); October 2003 to current year. Measurements made October 1998 to September 2002 are available in files of the Geological Survey.

GAGE.--Datum of gage has not been determined.

REMARKS.--Records poor. Discharge computed from relation between artesian pressure at Homosassa Well 3 near Homosassa using maximum daily water level and discharge at measuring site. See WRIR 01-4230 for computation techniques.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	19	16	13	9.6	11	13	13	14	16	14	15
2	21	19	16	13	9.5	9.7	16	12	13	16	13	15
3	20	19	15	12	9.7	9.2	14	11	13	18	13	14
4	20	19	15	12	9.8	9.3	13	12	13	17	13	14
5	21	19	14	12	9.2	9.0	12	15	14	16	12	13
6	20	17	14	12	9.1	8.8	12	16	15	16	12	12
7	20	17	14	12	9.6	8.8	13	15	14	14	12	12
8	20	17	15	12	9.9	9.9	15	14	14	13	12	12
9	20	16	15	12	11	9.3	14	14	15	14	12	11
10	20	16	16	12	11	9.0	13	13	14	20	12	11
11	20	16	16	12	10	8.9	12	13	16	20	12	11
12	21	17	15	12	9.6	8.8	12	12	17	18	11	11
13	21	18	15	12	9.7	8.6	13	12	16	17	11	11
14	21	17	14	13	9.9	8.7	12	11	15	16	11	11
15	22	16	13	12	9.8	8.3	10	11	14	17	11	11
16	21	16	---	11	9.6	8.5	9.6	11	14	17	11	11
17	21	16	---	10	9.7	9.3	9.0	10	14	17	11	11
18	21	16	---	9.6	9.0	8.7	8.6	9.8	14	16	11	11
19	21	16	---	9.5	8.3	8.0	8.7	9.3	15	15	11	11
20	22	16	---	9.8	8.3	7.8	8.8	9.3	14	15	11	10
21	21	16	---	10	8.6	7.9	9.4	9.7	16	15	12	9.4
22	20	16	12	11	8.7	8.5	9.7	9.9	18	15	12	11
23	19	16	15	11	8.5	11	12	9.6	17	15	13	12
24	19	17	15	9.6	8.8	11	14	10	16	15	14	11
25	20	20	15	9.8	9.5	12	13	10	15	15	14	11
26	19	18	15	10	9.1	16	13	9.5	14	15	13	11
27	19	17	14	10	10	18	14	9.2	14	14	13	12
28	19	18	13	9.7	12	18	13	9.2	15	13	15	12
29	19	16	13	9.6	---	16	12	8.9	15	13	15	12
30	19	16	13	10	---	14	12	8.7	16	15	16	12
31	19	---	13	9.9	---	14	---	11	---	14	15	---
TOTAL	627	512	---	343.5	267.5	326.0	360.8	349.1	444	487	388	351.4
MEAN	20.2	17.1	---	11.1	9.55	10.5	12.0	11.3	14.8	15.7	12.5	11.7
MAX	22	20	---	13	12	18	16	16	18	20	16	15
MIN	19	16	---	9.5	8.3	7.8	8.6	8.7	13	13	11	9.4

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)

MEAN	20.2	16.2	13.1	11.1	9.93	10.5	12.0	9.00	10.7	12.0	11.5	14.6
MAX	20.2	17.1	13.1	11.1	10.3	10.5	12.0	11.3	14.8	15.7	12.5	17.5
(WY)	(2005)	(2005)	(2004)	(2005)	(2004)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)
MIN	20.2	15.3	13.1	11.0	9.55	10.5	12.0	6.74	6.66	8.27	10.4	11.7
(WY)	(2005)	(2004)	(2004)	(2004)	(2005)	(2005)	(2005)	(2004)	(2004)	(2004)	(2004)	(2005)

SUMMARY STATISTICS — WATER YEARS 2004 - 2005

HIGHEST DAILY MEAN	25	Sep 27, 2004
LOWEST DAILY MEAN	6.1	Apr 29, 2004
ANNUAL SEVEN-DAY MINIMUM	6.2	May 26, 2004

02310678 HOMOSASSA SPRINGS AT HOMOSASSA SPRINGS, FL.

LOCATION.--Lat 28° 47'58", long 82° 35'20" (1927 North American datum), in NE$^{1}/_{4}$ sec.28, T.19 S., R.17 E., Citrus County, Hydrologic Unit 03100207, approximately 600 ft upstream of bridge on nature trail in Homosassa Springs, 0.8 mi west of town of Homosassa Springs, and 3.1 mi northeast of Homosassa.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--1931-33, 1936, 1956, 1961, 1963-65 (miscellaneous discharge measurements); August 1965 to September 1978, June 1988 to March 1989 (discharge measurements only); October 1995 to current year.

GAGE.--Water-stage recorder. Datum of gage has not been determined.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Discharge computed from relation between artesian pressure at Weeki Wachee Well near Weeki Wachee, spring-pool stage, and discharge at measuring site. Discharge was not filtered for tidal affect. See WRIR 01-4230 for computation techniques.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	109	105	112	116	111	95	96	82	82	89	98	89
2	112	104	119	114	110	107	82	93	80	86	98	94
3	114	106	118	117	105	116	100	98	83	84	98	97
4	115	106	121	119	108	114	106	94	83	90	99	100
5	118	109	126	114	114	108	103	92	83	93	100	107
6	123	127	119	111	110	107	95	95	86	91	100	110
7	130	123	114	110	100	102	84	99	89	91	99	109
8	128	115	112	109	91	81	77	94	89	95	99	106
9	116	124	113	109	86	103	87	90	91	96	99	103
10	111	129	102	111	82	107	97	89	98	74	98	101
11	106	112	102	107	101	99	98	92	82	74	99	100
12	107	100	119	102	107	99	89	94	79	91	101	97
13	103	96	112	98	100	99	80	95	88	98	100	87
14	105	116	118	95	93	97	88	92	91	96	97	82
15	100	130	140	126	97	107	109	90	91	96	95	84
16	110	124	141	133	100	102	119	93	88	98	96	83
17	112	115	128	136	97	98	118	96	86	96	95	86
18	113	115	121	136	108	111	112	99	83	96	92	86
19	109	112	117	128	115	114	101	99	86	94	92	87
20	108	108	122	114	110	110	95	93	93	93	91	100
21	115	109	127	e104	101	106	89	83	93	91	92	109
22	124	109	115	e98	100	96	87	92	86	92	92	78
23	126	105	100	e99	103	90	79	90	87	90	91	84
24	117	97	111	e129	97	96	87	81	91	95	94	89
25	109	87	125	e111	100	96	92	82	95	99	102	93
26	111	115	118	e101	110	92	89	90	90	101	120	92
27	115	113	133	e100	103	91	83	88	90	100	103	90
28	110	102	132	e115	83	75	96	87	95	102	75	89
29	107	117	124	114	---	88	92	88	92	100	82	88
30	105	115	118	96	---	99	83	89	91	100	77	89
31	104	---	114	105	---	99	---	86	---	100	84	---
TOTAL	3,492	3,345	3,693	3,477	2,842	3,104	2,813	2,825	2,641	2,891	2,958	2,809
MEAN	113	112	119	112	102	100	93.8	91.1	88.0	93.3	95.4	93.6
MAX	130	130	141	136	115	116	119	99	98	102	120	110
MIN	100	87	100	95	82	75	77	81	79	74	75	78

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2005, BY WATER YEAR (WY)

MEAN	95.7	96.2	99.6	101	97.2	94.2	90.9	87.2	83.9	86.9	90.0	90.3
MAX	113	112	119	112	108	110	107	97.8	97.9	107	111	111
(WY)	(2005)	(2005)	(2005)	(2005)	(2004)	(1998)	(1998)	(1998)	(1998)	(2003)	(2003)	(2003)
MIN	81.5	81.0	87.5	89.7	87.6	77.8	77.3	75.5	73.3	73.5	78.1	75.3
(WY)	(1998)	(2001)	(2002)	(2001)	(2001)	(2001)	(2000)	(2001)	(2002)	(2000)	(1997)	(1997)

SUMMARY STATISTICS	FOR 2005 WATER YEAR		WATER YEARS 1996 - 2005	
ANNUAL TOTAL	36,890			
ANNUAL MEAN	101		96.1	
HIGHEST ANNUAL MEAN			102	2004
LOWEST ANNUAL MEAN			83.6	2000
HIGHEST DAILY MEAN	141	Dec 16	141	Dec 16, 2004
LOWEST DAILY MEAN	74	Jul 10	41	Oct 8, 1996
ANNUAL SEVEN-DAY MINIMUM	83	May 31	67	Jun 12, 2002
10 PERCENT EXCEEDS	118		113	
50 PERCENT EXCEEDS	99		96	
90 PERCENT EXCEEDS	86		79	

e Estimated

02310678 HOMOSASSA SPRINGS AT HOMOSASSA SPRINGS, FL.

PERIOD OF RECORD.--June 2004 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors.

REMARKS.--Temperature and specific conductance records are good.

EXTREMES FOR CURRENT PERIOD.--

SPECIFIC CONDUCTANCE.--Maximum, 5,370 microsiemens, Nov. 25, Mar. 8; minimum, 1,830 microsiemens, Jan. 19, 20.

TEMPERATURE.--Maximum, 23.6° C, May 20, Sept. 10; minimum, 23.0° C, Feb. 4, Apr. 28.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 5,400 microsiemens, Aug. 12, 2004; minimum, 1,160 microsiemens, Sept. 27, 2004.

TEMPERATURE.--Maximum, 23.6° C, many days 2004, 2005; minimum, 23.0° C, Feb. 4, 2005, Apr. 28, 2005.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	3,030	2,260	3,420	2,660	3,250	2,320	3,340	2,530	3,340	2,350	4,640	2,470
2	3,120	2,350	3,490	2,720	3,250	2,650	3,440	2,560	3,440	2,550	3,680	2,310
3	3,220	2,340	3,440	2,750	3,300	2,480	3,420	2,440	4,180	2,520	3,060	2,540
4	3,240	2,310	3,210	2,660	3,350	2,550	3,250	2,510	4,850	2,430	3,190	2,150
5	3,280	2,390	3,600	2,790	3,330	2,560	3,390	2,520	3,170	2,390	3,220	2,470
6	3,680	2,530	3,410	2,830	3,080	2,440	4,180	2,550	3,660	2,510	4,170	2,650
7	3,920	2,720	3,120	2,530	3,080	2,350	3,740	2,540	4,790	2,640	4,100	2,560
8	3,920	2,810	3,250	2,290	3,480	2,450	3,650	2,500	4,970	2,820	5,370	2,790
9	3,520	1,890	3,410	2,750	3,320	2,560	3,960	2,650	4,930	2,830	3,880	2,690
10	2,810	2,040	3,430	2,510	4,130	2,630	3,830	2,480	4,920	2,950	3,150	2,240
11	2,910	2,270	3,220	2,200	4,590	2,920	4,030	2,480	3,750	2,580	4,120	2,400
12	3,010	2,480	4,120	2,690	3,330	2,630	4,420	2,650	3,150	2,380	3,910	2,610
13	3,100	2,460	4,810	2,940	3,190	2,180	4,540	2,670	4,390	2,550	4,210	2,570
14	3,160	2,590	3,650	2,690	3,470	2,440	4,830	2,960	4,390	2,730	4,150	2,610
15	3,300	2,500	3,620	2,750	3,810	3,370	3,510	3,120	4,320	2,680	4,000	2,360
16	3,240	2,670	3,400	2,360	3,930	3,120	3,550	2,820	3,970	2,600	4,510	2,530
17	3,220	2,470	3,260	2,070	3,400	2,180	3,450	2,670	4,170	2,610	4,510	2,800
18	3,230	2,390	3,280	2,440	2,930	2,130	3,360	2,620	4,070	2,450	4,110	2,540
19	3,110	2,280	3,270	2,560	2,990	2,260	3,340	1,830	3,180	2,360	3,080	2,530
20	3,180	2,470	3,460	2,650	3,480	2,250	3,060	1,830	3,160	2,310	3,410	2,560
21	3,500	2,640	3,360	2,710	3,240	2,230	3,650	2,220	4,340	2,620	4,140	2,680
22	3,440	2,720	3,320	2,630	3,180	2,110	---	---	4,370	2,610	4,470	2,670
23	3,560	2,480	3,490	2,700	4,610	2,640	---	---	3,910	2,570	4,460	2,630
24	3,230	2,010	4,100	2,820	3,740	2,800	---	---	4,230	2,580	3,810	2,590
25	3,120	2,330	5,370	3,180	3,560	2,720	---	---	4,020	2,560	3,460	2,380
26	3,220	2,590	3,520	2,910	3,380	2,210	---	---	3,170	2,430	3,390	2,550
27	3,390	2,510	3,300	2,260	3,530	3,030	---	---	4,330	2,270	3,150	2,150
28	3,180	2,510	3,570	2,130	3,440	2,760	---	---	5,110	3,030	4,470	2,410
29	3,200	2,480	3,420	2,600	3,150	2,230	3,160	2,280	---	---	4,360	2,330
30	3,430	2,610	3,190	2,380	3,260	2,230	4,610	2,680	---	---	3,080	2,130
31	3,500	2,700	---	---	3,290	2,400	4,200	2,490	---	---	3,050	2,110
MONTH	3,920	1,890	5,370	2,070	4,610	2,110	---	---	5,110	2,270	5,370	2,110

02310678 HOMOSASSA SPRINGS AT HOMOSASSA SPRINGS, FL—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	3,970	2,310	4,880	2,710	3,500	2,580	3,230	2,470	3,240	2,380	2,960	2,420
2	4,180	2,740	3,850	2,430	3,860	2,650	3,520	2,570	3,250	2,370	3,010	2,230
3	3,440	2,360	3,200	2,390	3,770	2,580	3,320	2,260	3,290	2,380	3,050	2,320
4	3,120	2,330	3,300	2,540	3,830	2,640	3,000	2,200	3,230	2,400	3,050	2,340
5	2,950	2,150	3,190	2,450	3,150	2,580	3,000	2,170	3,240	2,400	3,110	2,550
6	3,310	2,140	3,130	2,490	3,010	2,210	3,060	2,100	3,230	2,450	3,070	2,430
7	4,370	2,570	3,190	2,210	3,240	2,300	3,120	2,290	3,220	2,530	3,020	2,440
8	4,200	2,760	3,400	2,250	3,230	2,570	3,120	2,350	3,260	2,570	3,110	2,440
9	3,210	2,420	4,100	2,620	3,170	2,330	3,040	2,430	3,200	2,590	3,340	2,600
10	3,000	2,230	4,110	2,670	3,090	2,380	5,290	2,180	3,210	2,520	3,550	2,660
11	3,090	2,050	3,910	2,580	4,730	2,160	5,250	2,690	3,250	2,650	3,740	2,760
12	4,520	2,520	3,980	2,570	4,580	2,840	3,460	2,510	3,320	2,590	3,970	2,750
13	4,470	3,060	3,920	2,590	3,600	2,460	3,120	2,300	3,510	2,610	4,540	2,650
14	4,250	2,560	4,330	2,580	3,060	2,490	2,930	2,130	4,100	2,760	4,690	2,700
15	3,520	2,740	4,310	2,740	3,160	2,540	2,940	2,090	4,330	2,790	4,230	2,640
16	3,190	2,450	4,120	2,630	3,640	2,700	3,070	2,130	4,180	2,730	4,390	2,550
17	2,980	2,350	3,700	2,560	3,960	2,770	3,060	2,090	4,150	2,700	4,030	2,540
18	3,010	2,350	3,310	2,510	3,750	2,720	3,060	2,010	4,420	2,680	4,000	2,560
19	3,880	2,400	3,500	2,530	3,140	2,440	2,960	2,120	4,280	2,700	3,730	2,530
20	4,120	2,600	4,420	2,730	3,100	2,240	3,120	2,150	4,110	2,710	3,480	2,600
21	4,340	2,700	4,590	2,840	3,330	2,040	3,190	2,200	3,950	2,590	3,030	1,890
22	4,280	2,630	3,980	2,480	2,920	2,060	3,210	2,230	3,900	2,470	5,180	2,100
23	4,200	2,670	4,420	2,690	3,090	2,170	3,220	2,410	3,640	2,420	4,470	2,710
24	3,710	2,420	4,830	2,660	3,100	2,290	3,150	2,400	2,980	2,330	3,840	2,670
25	3,340	2,340	4,510	2,730	3,050	2,070	3,130	2,400	3,080	2,320	3,380	2,590
26	4,510	2,510	4,200	2,430	3,290	2,390	3,060	2,350	3,250	2,840	3,710	2,610
27	4,200	2,680	4,530	2,680	3,360	2,460	2,970	2,370	2,840	1,860	3,760	2,530
28	3,940	2,200	4,500	2,630	3,020	2,400	3,060	2,350	5,300	2,180	3,740	2,500
29	4,520	2,430	4,380	2,630	3,130	2,420	3,090	2,310	4,340	2,680	3,820	2,480
30	4,520	2,710	4,040	2,560	3,070	2,430	3,140	2,290	4,310	2,630	3,610	2,530
31	---	---	3,940	2,560	---	---	3,140	2,200	3,430	2,470	---	---
MONTH	4,520	2,050	4,880	2,210	4,730	2,040	5,290	2,010	5,300	1,860	5,180	1,890

02310678 HOMOSASSA SPRINGS AT HOMOSASSA SPRINGS, FL—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	23.5	23.3	23.5	23.3	23.4	23.3	23.3	23.2	23.4	23.1	23.4	23.1
2	23.5	23.3	23.5	23.3	23.4	23.3	23.4	23.2	23.3	23.2	23.4	23.1
3	23.5	23.3	23.5	23.3	23.4	23.2	23.4	23.2	23.4	23.2	23.3	23.1
4	23.4	23.3	23.5	23.3	23.3	23.2	23.4	23.2	23.3	23.0	23.4	23.2
5	23.4	23.3	23.4	23.2	23.4	23.2	23.4	23.2	23.4	23.1	23.4	23.1
6	23.4	23.3	23.4	23.3	23.4	23.3	23.4	23.2	23.3	23.1	23.4	23.1
7	23.4	23.3	23.4	23.3	23.4	23.3	23.4	23.2	23.4	23.1	23.4	23.2
8	23.4	23.3	23.4	23.3	23.4	23.3	23.4	23.2	23.4	23.1	23.4	23.1
9	23.4	23.3	23.4	23.3	23.4	23.3	23.4	23.2	23.5	23.1	23.3	23.1
10	23.4	23.3	23.4	23.3	23.4	23.3	23.3	23.2	23.4	23.1	23.4	23.1
11	23.4	23.3	23.4	23.3	23.3	23.2	23.3	23.2	23.4	23.1	23.4	23.1
12	23.5	23.3	23.4	23.3	23.3	23.2	23.4	23.2	23.4	23.1	23.4	23.1
13	23.5	23.3	23.4	23.3	23.4	23.2	23.4	23.2	23.4	23.1	23.4	23.2
14	23.4	23.3	23.4	23.3	23.3	23.2	23.3	23.2	23.4	23.1	23.3	23.2
15	23.4	23.3	23.4	23.3	23.3	23.2	23.3	23.2	23.4	23.2	23.3	23.2
16	23.4	23.3	23.4	23.3	23.4	23.2	23.3	23.2	23.4	23.2	23.4	23.2
17	23.5	23.3	23.4	23.3	23.4	23.2	23.3	23.2	23.4	23.2	23.3	23.2
18	23.4	23.3	23.4	23.2	23.4	23.2	23.3	23.2	23.4	23.1	23.4	23.1
19	23.5	23.3	23.4	23.3	23.3	23.2	23.3	23.2	23.4	23.2	23.4	23.2
20	23.4	23.3	23.4	23.3	23.3	23.1	23.3	23.2	23.4	23.1	23.4	23.1
21	23.5	23.3	23.4	23.3	23.4	23.2	23.4	23.1	23.3	23.2	23.3	23.2
22	23.5	23.3	23.4	23.3	23.4	23.2	---	---	23.4	23.2	23.5	23.2
23	23.4	23.3	23.4	23.3	23.3	23.2	---	---	23.4	23.2	23.3	23.2
24	23.4	23.3	23.4	23.3	23.3	23.2	---	---	23.3	23.2	23.4	23.2
25	23.4	23.3	23.4	23.2	23.3	23.2	---	---	23.3	23.2	23.4	23.2
26	23.4	23.3	23.4	23.2	23.3	23.1	---	---	23.3	23.2	23.3	23.2
27	23.4	23.3	23.4	23.3	23.3	23.1	---	---	23.3	23.2	23.4	23.2
28	23.4	23.3	23.4	23.3	23.3	23.2	---	---	23.4	23.1	23.5	23.1
29	23.4	23.3	23.4	23.2	23.4	23.2	23.3	23.2	---	---	23.5	23.1
30	23.4	23.3	23.4	23.3	23.3	23.2	23.4	23.2	---	---	23.5	23.2
31	23.4	23.3	---	---	23.3	23.2	23.4	23.1	---	---	23.4	23.2
MONTH	23.5	23.3	23.5	23.2	23.4	23.1	---	---	23.5	23.0	23.5	23.1
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	23.5	23.2	23.4	23.2	23.4	23.3	23.4	23.3	23.5	23.3	23.4	23.3
2	23.4	23.2	23.5	23.2	23.5	23.3	23.5	23.3	23.5	23.3	23.5	23.3
3	23.4	23.1	23.5	23.2	23.4	23.3	23.5	23.3	23.5	23.3	23.5	23.3
4	23.4	23.2	23.3	23.2	23.4	23.3	23.5	23.3	23.5	23.3	23.5	23.3
5	23.5	23.2	23.3	23.2	23.5	23.3	23.5	23.3	23.5	23.3	23.5	23.3
6	23.5	23.2	23.4	23.2	23.5	23.3	23.5	23.3	23.5	23.3	23.5	23.3
7	23.3	23.1	23.5	23.2	23.5	23.3	23.5	23.3	23.4	23.3	23.4	23.3
8	23.4	23.2	23.5	23.2	23.4	23.3	23.5	23.3	23.5	23.3	23.4	23.3
9	23.5	23.2	23.5	23.2	23.4	23.3	23.4	23.3	23.5	23.3	23.5	23.3
10	23.4	23.2	23.5	23.2	23.4	23.3	23.4	23.3	23.5	23.3	23.6	23.3
11	23.5	23.2	23.5	23.2	23.5	23.3	23.5	23.3	23.5	23.3	23.5	23.3
12	23.5	23.2	23.4	23.2	23.5	23.3	23.4	23.3	23.5	23.3	23.5	23.3
13	23.5	23.2	23.5	23.2	23.5	23.3	23.5	23.3	23.5	23.3	23.5	23.3
14	23.5	23.2	23.5	23.2	23.4	23.3	23.5	23.3	23.5	23.3	23.5	23.3
15	23.4	23.2	23.5	23.2	23.5	23.3	23.4	23.3	23.5	23.3	23.5	23.3
16	23.4	23.2	23.5	23.2	23.5	23.3	23.5	23.3	23.5	23.3	23.5	23.3
17	23.4	23.2	23.5	23.2	23.5	23.3	23.5	23.3	23.5	23.3	23.5	23.3
18	23.5	23.2	23.5	23.2	23.4	23.2	23.4	23.3	23.5	23.3	23.5	23.3
19	23.5	23.2	23.5	23.2	23.5	23.3	23.4	23.3	23.5	23.3	23.5	23.3
20	23.5	23.2	23.6	23.2	23.5	23.3	23.5	23.3	23.5	23.3	23.5	23.3
21	23.5	23.2	23.5	23.3	23.4	23.3	23.5	23.3	23.5	23.3	23.4	23.3
22	23.5	23.2	23.5	23.3	23.5	23.3	23.5	23.3	23.5	23.3	23.4	23.3
23	23.3	23.0	23.5	23.3	23.5	23.3	23.4	23.3	23.5	23.3	23.5	23.3
24	23.4	23.1	23.4	23.3	23.5	23.3	23.4	23.3	23.5	23.3	23.5	23.3
25	23.4	23.2	23.5	23.2	23.4	23.3	23.5	23.3	23.4	23.3	23.5	23.3
26	23.4	23.2	23.5	23.2	23.5	23.3	23.5	23.3	23.5	23.3	23.5	23.3
27	23.5	23.2	23.5	23.2	23.4	23.3	23.5	23.3	23.5	23.3	23.5	23.3
28	23.4	23.2	23.5	23.2	23.4	23.3	23.5	23.3	23.5	23.3	23.4	23.3
29	23.5	23.2	23.5	23.2	23.4	23.3	23.5	23.3	23.5	23.3	23.5	23.3
30	23.5	23.2	23.5	23.2	23.4	23.3	23.5	23.3	23.5	23.3	23.5	23.3
31	---	---	23.4	23.3	---	---	23.5	23.3	23.4	23.3	---	---
MONTH	23.5	23.0	23.6	23.2	23.5	23.2	23.5	23.3	23.5	23.3	23.6	23.3

02310688 SE FORK HOMOSASSA SPRING AT HOMOSASSA SPRINGS, FL.

LOCATION.--Lat 28° 47'50", long 82° 35'24" (1927 North American datum), in NW$^{1}/_{4}$ sec.28, T.19 S., R.17 E., Citrus County, Hydrologic Unit 03100207, at bridge on Fishbowl Drive, 0.6 mi west of town of Homosassa Springs, and 3.1 mi northeast of Homosassa.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--1932, 1933, 1936, 1946, 1956, 1963-65, 1976-86, 1997-2000 (discharge measurements only); October 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage has not been determined.

REMARKS.--Records poor. Missing data is not estimated because missing rate of change data can not be estimated. Discharge computed from relation between artesian pressure at Weeki Wachee Well near Weeki Wachee, gage-heights in the spring run, rate of change in stage, and field measurements. See WRIR 01-4230 for computation techniques.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	81	79	82	81	77	70	65	62	61	64	70	67
2	84	79	85	80	78	78	61	67	60	61	70	68
3	85	81	86	83	71	80	73	70	61	62	70	71
4	85	77	85	83	80	75	75	67	61	65	71	71
5	89	88	88	79	79	74	72	64	60	67	71	77
6	91	91	83	79	77	75	67	69	62	64	71	76
7	96	87	82	80	73	72	58	68	63	66	70	75
8	91	85	83	79	66	61	60	64	63	68	71	74
9	84	93	80	80	65	77	65	63	64	68	70	73
10	83	88	75	79	61	74	69	64	69	51	70	70
11	81	79	79	76	77	67	67	66	53	61	71	71
12	83	75	86	73	75	70	62	66	60	69	72	68
13	78	76	81	69	69	69	59	67	64	70	70	63
14	81	90	87	75	67	69	65	64	64	69	70	61
15	77	91	100	91	71	76	80	64	64	69	69	63
16	85	86	94	90	70	69	80	66	63	71	69	61
17	84	83	86	93	70	70	---	68	62	70	67	63
18	---	83	83	92	78	79	---	70	62	68	65	63
19	---	81	82	81	79	76	---	69	63	67	66	64
20	---	79	92	79	76	76	---	64	65	66	66	75
21	---	81	84	74	72	73	---	59	63	66	67	70
22	92	80	80	71	73	66	---	66	60	66	67	60
23	90	77	74	79	73	67	---	63	62	66	67	62
24	83	71	85	87	68	71	---	56	66	69	69	66
25	82	73	89	77	72	65	---	60	65	72	76	66
26	84	88	84	71	77	68	---	64	63	71	83	66
27	84	77	92	73	65	64	60	62	65	72	65	65
28	82	81	90	84	63	54	69	62	67	73	59	64
29	80	85	84	75	---	69	62	63	65	73	61	63
30	79	82	82	68	---	70	58	62	66	72	60	65
31	79	---	80	77	---	69	---	61	---	71	64	---
MEAN	---	82.2	84.6	79.3	72.2	70.7	---	64.5	62.9	67.3	68.6	67.4
MAX	---	93	100	93	80	80	---	70	69	73	83	77
MIN	---	71	74	68	61	54	---	56	53	51	59	60

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2005, BY WATER YEAR (WY)

MEAN	67.8	76.1	71.1	69.5	67.3	61.7	60.7	64.7	59.5	65.6	68.8	72.3
MAX	81.8	82.2	84.6	79.3	75.4	70.7	70.8	67.2	64.7	78.2	81.6	82.2
(WY)	(2004)	(2005)	(2005)	(2005)	(2004)	(2005)	(2004)	(2004)	(2003)	(2003)	(2003)	(2003)
MIN	60.1	65.4	60.0	60.5	59.4	52.4	52.4	62.4	48.4	54.6	59.4	62.2
(WY)	(2001)	(2003)	(2002)	(2001)	(2001)	(2001)	(2002)	(2003)	(2002)	(2002)	(2001)	(2001)

SUMMARY STATISTICS — WATER YEARS 2001 - 2005

HIGHEST DAILY MEAN	100	Dec 15, 2004
LOWEST DAILY MEAN	38	Jun 12, 2001
ANNUAL SEVEN-DAY MINIMUM	44	Jun 11, 2002
MAXIMUM PEAK FLOW	97	Aug 14, 2003

02310700 HOMOSASSA RIVER AT HOMOSASSA, FL.---Continued

LOCATION.--Lat 28° 47'06", long 82° 37'05" (1927 North American datum), in NE$^{1}/_{4}$ sec.31, T.19 S., R.17 E., Citrus County, Hydrologic Unit 03100207, on left bank, on private dock, 0.3 mi northwest of Homosassa, and 5.3 mi upstream from mouth.

DRAINAGE AREA.--Not determined.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1964 to September 1965 (gage heights and periodic discharge measurements only); October 1965 to September 1969 (periodic discharge measurements and maximum and minimum gage heights only); October 1969 to September 1976 (maximum and minimum gage heights only); October 1976 to September 1978 (maximum and minimum elevations only); July 1997 to February 1999 (gage heights only); May 2004 to current year.

GAGE.--Water-stage and velocity recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to July 1997 to February 1999, at site 500 ft upstream at same site at same datum.

REMARKS.--Residual discharge records poor. Affected by tide. Instantaneous discharge computed from index-velocity gage height multiple linear regression relation and gage height-to-area quadratic equation relation. A ninth-orer Butterworth low-pass filter is used to yield the residual discharge for the Homosassa River station. The residual discharges are not total "freshwater" flow, but are a combination of freshwater flow and water storage caused by higher or lower Gulf of Mexico mean water levels. The residual discharge is used to estimate mean and mediam discharge values. Residual discharge was published in error for the 2004 water year and republished in the 2005 water year.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily residual discharge, 1930 ft^3/s, September 7, 2004; minimum daily residual discharge, -636 ft^3/s, Sept. 6, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum daily residual discharge, 1140 ft^3/s, July 11; minimum daily residual discharge, -192 ft^3/s, July 10.

DISCHARGE, CUBIC FEET PER SECOND
PERIOD MAY 2004 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	191	223	178	367
2	---	---	---	---	---	---	---	---	252	226	331	401
3	---	---	---	---	---	---	---	---	259	198	366	373
4	---	---	---	---	---	---	---	---	303	255	374	323
5	---	---	---	---	---	---	---	---	128	274	258	522
6	---	---	---	---	---	---	---	---	289	281	356	-636
7	---	---	---	---	---	---	---	---	318	194	513	1,930
8	---	---	---	---	---	---	---	---	261	290	209	1,630
9	---	---	---	---	---	---	---	---	245	220	279	947
10	---	---	---	---	---	---	---	---	193	198	217	684
11	---	---	---	---	---	---	---	---	195	172	235	550
12	---	---	---	---	---	---	---	---	206	267	-94	537
13	---	---	---	---	---	---	---	---	276	135	655	506
14	---	---	---	---	---	---	---	---	372	151	454	510
15	---	---	---	---	---	---	---	---	313	197	416	-44
16	---	---	---	---	---	---	---	---	389	253	365	516
17	---	---	---	---	---	---	---	---	288	129	281	589
18	---	---	---	---	---	---	---	---	229	289	268	756
19	---	---	---	---	---	---	---	---	193	505	274	697
20	---	---	---	---	---	---	---	226	183	813	291	543
21	---	---	---	---	---	---	---	290	229	381	373	408
22	---	---	---	---	---	---	---	192	213	345	282	266
23	---	---	---	---	---	---	---	259	469	246	270	291
24	---	---	---	---	---	---	---	296	294	312	316	447
25	---	---	---	---	---	---	---	295	201	297	332	305
26	---	---	---	---	---	---	---	261	237	272	218	353
27	---	---	---	---	---	---	---	193	199	188	275	54
28	---	---	---	---	---	---	---	133	240	342	232	1,530
29	---	---	---	---	---	---	---	262	178	318	227	738
30	---	---	---	---	---	---	---	129	198	253	287	505
31	---	---	---	---	---	---	---	122	---	185	342	---
MEAN	---	---	---	---	---	---	---	---	251	271	303	553
MAX	---	---	---	---	---	---	---	---	469	813	655	1,930
MIN	---	---	---	---	---	---	---	---	128	129	-94	-636

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2004, BY WATER YEAR (WY)

MEAN	---	---	---	---	---	---	---	---	251	271	303	553
MAX	---	---	---	---	---	---	---	---	251	271	303	553
(WY)	---	---	---	---	---	---	---	---	(2004)	(2004)	(2004)	(2004)
MIN	---	---	---	---	---	---	---	---	251	271	303	553
(WY)	---	---	---	---	---	---	---	---	(2004)	(2004)	(2004)	(2004)

02310700 HOMOSASSA RIVER AT HOMOSASSA, FL.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	499	459	410	385	376	469	132	643	402	310	324	619
2	508	433	322	350	431	368	428	494	394	399	313	430
3	468	521	377	405	65	331	654	401	410	752	330	488
4	444	236	313	351	696	169	302	446	402	625	356	411
5	550	743	358	239	281	201	245	555	536	448	340	495
6	533	401	210	322	290	245	256	647	551	292	350	360
7	502	287	258	368	304	37	35	335	405	414	311	320
8	310	309	373	320	186	169	662	212	396	341	329	295
9	260	556	226	400	331	703	627	289	444	583	308	271
10	358	299	169	337	469	253	549	328	576	-192	302	309
11	353	161	515	322	815	128	266	418	-46	1,140	331	298
12	493	107	399	348	280	258	89	285	804	841	341	186
13	276	605	263	201	230	168	266	415	524	494	291	117
14	542	881	484	784	301	240	572	167	404	412	297	199
15	386	441	509	722	495	407	645	305	343	432	305	462
16	724	314	291	324	273	112	304	355	306	444	306	306
17	468	354	242	341	371	323	275	384	290	439	324	467
18	393	344	283	343	559	426	164	394	451	398	254	320
19	343	301	174	78	310	177	181	331	535	444	358	550
20	444	311	500	267	237	200	221	157	497	416	337	722
21	583	372	198	192	219	246	200	307	353	417	366	67
22	495	330	211	159	377	106	232	452	376	377	352	291
23	363	300	327	824	284	362	281	227	405	390	405	540
24	208	-69	690	383	165	482	693	42	519	548	438	509
25	345	809	426	227	493	264	348	535	289	528	654	353
26	503	880	457	198	448	692	218	398	286	365	432	268
27	396	135	401	504	-37	296	357	282	407	346	-81	326
28	343	563	352	622	334	44	593	283	420	322	175	320
29	337	499	236	162	---	973	92	352	350	339	482	327
30	357	359	340	274	---	339	131	263	387	373	353	417
31	467	---	356	585	---	342	---	394	---	314	700	---
MEAN	427	408	344	366	342	307	334	358	414	444	345	368
MAX	724	881	690	824	815	973	693	647	804	1,140	700	722
MIN	208	-69	169	78	-37	37	35	42	-46	-192	-81	67

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)

MEAN	427	408	344	366	342	307	334	358	333	357	324	461
MAX	427	408	344	366	342	307	334	358	414	444	345	553
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)
MIN	427	408	344	366	342	307	334	358	251	271	303	368
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)	(2004)	(2005)

SUMMARY STATISTICS	FOR 2005 WATER YEAR		WATER YEARS 2004 - 2005	
ANNUAL MEAN	372		372	
HIGHEST ANNUAL MEAN			372	2005
LOWEST ANNUAL MEAN			372	2005
HIGHEST DAILY MEAN	1,140	Jul 11	1,930	Sep 7, 2004
LOWEST DAILY MEAN	-192	Jul 10	-636	Sep 6, 2004
ANNUAL SEVEN-DAY MINIMUM	217	Mar 2	183	May 27, 2004
10 PERCENT EXCEEDS	579		579	
50 PERCENT EXCEEDS	351		351	
90 PERCENT EXCEEDS	179		179	

02310700 HOMOSASSA RIVER AT HOMOSASSA, FL.

PERIOD OF RECORD.--May 2004 to present.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors.

REMARKS.--Temperature and specific comductance records are good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 23,700 microsiemens, Aug. 28, 2005; minimum, 1,970 microsiemens, July 5, 2005.

TEMPERATURE.--Maximum, 32.2° C, July 11, 2004; minimum, 13.5° C, Jan. 25, 2005.

EXTREMES FOR CURRENT PERIOD.--

SPECIFIC CONDUCTANCE.--Maximum, 23,700 microsiemens, Aug. 28; minimum, 1,970 microsiemens, July 5.

TEMPERATURE.--Maximum, 31.5° C, Aug. 18; minimum, 13.5° C, Jan. 25.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	3,250	2,810	5,480	3,250	4,360	2,880	2,960	2,840	5,440	3,150	10,100	3,490
2	3,320	2,920	6,120	3,260	3,180	2,850	3,030	2,940	5,400	3,050	5,460	3,030
3	3,640	3,130	5,590	3,260	3,250	2,880	3,010	2,940	8,540	3,020	3,570	3,070
4	3,670	3,140	3,920	3,270	3,080	2,960	3,050	2,990	8,580	3,410	5,920	3,000
5	3,720	3,290	4,420	2,830	3,240	3,020	3,090	2,980	4,360	3,190	4,880	3,000
6	3,930	3,550	3,560	3,330	3,290	3,000	3,300	2,900	4,830	3,080	5,390	2,900
7	4,010	3,680	3,490	3,310	3,150	2,870	3,520	2,920	7,300	3,740	4,760	3,030
8	4,120	3,760	3,390	3,080	3,250	2,810	3,920	2,930	10,600	3,790	16,600	3,290
9	3,950	3,500	3,510	2,950	3,070	2,910	4,030	2,870	15,000	4,460	4,330	3,700
10	4,250	3,230	3,560	3,370	4,640	2,940	4,020	2,920	17,900	4,960	6,040	3,360
11	5,770	3,190	3,710	3,130	7,200	2,870	4,890	2,920	7,440	4,400	7,420	3,290
12	4,060	3,030	8,000	3,310	3,200	2,890	6,110	2,940	4,960	3,670	4,280	2,940
13	5,830	3,370	15,000	3,820	4,920	3,110	7,260	3,100	7,740	3,540	5,340	3,060
14	4,420	3,010	4,520	3,920	3,360	2,730	11,900	3,870	9,740	3,570	4,050	2,980
15	6,930	3,200	3,960	3,500	3,520	2,850	3,870	3,350	6,040	3,600	4,470	2,870
16	3,840	3,140	4,070	3,300	3,540	3,430	3,350	3,300	8,100	3,280	6,310	3,060
17	4,200	3,440	4,170	3,020	4,070	3,130	3,570	3,290	7,520	3,220	4,490	2,820
18	4,190	3,220	3,600	2,990	3,470	2,760	3,520	3,300	5,190	2,980	3,320	2,840
19	5,230	3,270	3,630	3,000	3,240	2,670	3,950	3,170	3,590	2,960	3,300	3,090
20	5,290	3,180	3,640	3,030	3,510	2,560	4,630	3,060	4,330	2,940	3,410	2,890
21	3,530	3,200	3,270	2,930	3,310	2,970	5,290	3,010	5,850	3,040	3,490	2,980
22	3,860	3,400	3,290	3,020	4,120	2,840	8,580	3,480	6,420	2,940	4,760	2,990
23	3,750	3,510	3,600	3,010	7,900	2,900	13,100	4,190	4,720	2,930	4,500	2,930
24	4,100	3,480	8,900	3,110	5,240	2,840	4,190	3,610	6,920	2,930	3,330	2,910
25	3,720	3,090	19,900	4,720	3,230	3,000	6,830	3,600	5,550	2,950	3,830	2,980
26	3,360	3,110	4,720	4,060	4,650	2,890	7,300	3,490	3,680	2,960	3,050	2,580
27	3,640	3,310	4,750	3,650	3,430	2,920	7,640	3,530	13,300	2,890	3,160	2,460
28	3,640	3,270	8,920	3,470	3,410	3,210	3,620	3,160	13,600	4,340	9,690	2,540
29	4,340	3,210	3,630	3,320	3,420	3,070	4,920	3,230	---	---	5,710	2,520
30	5,460	3,180	4,180	3,130	3,360	2,900	6,820	3,520	---	---	2,930	2,620
31	5,910	3,190	---	---	3,350	2,870	4,680	3,210	---	---	3,130	2,640
MONTH	6,930	2,810	19,900	2,830	7,900	2,560	13,100	2,840	17,900	2,890	16,600	2,460

02310700 HOMOSASSA RIVER AT HOMOSASSA, FL.—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	5,570	2,640	11,500	3,310	3,280	2,620	2,920	2,580	3,060	2,720	4,720	3,610
2	5,570	2,750	4,230	3,060	3,650	2,500	3,000	2,540	3,100	2,760	4,710	3,250
3	3,100	2,590	3,670	2,880	3,590	2,400	2,700	2,270	3,160	2,790	3,450	2,970
4	3,120	2,740	3,590	2,680	3,760	2,580	2,270	2,020	2,980	2,770	3,210	2,910
5	2,990	2,830	3,030	2,650	2,810	2,460	2,280	1,970	3,020	2,780	3,060	2,700
6	3,110	2,860	2,830	2,510	---	---	2,960	2,090	2,930	2,740	3,140	2,750
7	7,410	2,860	3,030	2,500	---	---	2,480	2,240	2,940	2,770	3,160	2,650
8	8,000	3,040	3,430	2,550	---	---	2,700	2,430	2,940	2,810	3,110	2,700
9	3,040	2,820	3,480	2,540	---	---	2,790	2,530	2,940	2,770	3,100	2,780
10	3,000	2,740	3,810	2,550	2,840	2,470	14,200	2,430	2,980	2,820	3,490	2,820
11	3,840	2,640	3,210	2,650	10,400	2,840	8,370	3,840	3,020	2,820	3,620	2,820
12	6,970	2,750	3,930	2,800	5,060	3,060	3,840	2,670	3,020	2,780	4,620	2,840
13	7,090	3,050	3,720	2,680	3,120	2,710	2,810	2,550	3,120	2,780	9,050	2,850
14	3,940	2,720	5,060	2,830	3,050	2,740	2,660	2,390	3,540	2,730	13,600	3,270
15	3,300	2,890	4,300	2,800	2,880	2,780	2,630	2,350	---	---	11,100	3,350
16	3,400	3,040	3,310	2,820	2,900	2,740	2,750	2,370	---	---	12,000	3,600
17	3,400	3,000	3,220	2,910	2,920	2,740	2,840	2,480	4,230	2,720	10,700	3,850
18	3,210	2,930	3,320	2,900	2,840	2,610	2,820	2,480	6,390	2,780	11,400	3,680
19	3,450	2,910	3,390	2,770	2,790	2,550	2,980	2,500	7,280	2,810	8,840	3,640
20	4,460	2,780	4,050	2,770	2,930	2,560	3,540	2,510	7,450	2,900	4,090	3,160
21	5,300	2,910	5,780	2,980	3,190	2,560	4,060	2,550	7,680	2,930	9,660	3,050
22	6,180	2,910	4,830	2,740	3,160	2,420	4,540	2,690	5,480	2,940	23,300	8,140
23	10,600	3,030	5,080	2,860	3,640	2,290	3,320	2,740	5,540	2,840	16,700	6,830
24	3,980	2,930	9,950	3,060	2,710	2,440	2,980	2,640	3,960	2,700	14,600	5,550
25	4,120	2,790	7,130	3,060	3,420	2,570	2,960	2,640	3,080	2,680	11,400	4,600
26	7,140	2,630	7,550	2,870	3,090	2,670	2,840	2,640	2,880	2,680	11,600	3,450
27	6,280	2,770	8,690	3,070	2,800	2,640	2,800	2,690	4,980	2,800	9,600	3,280
28	4,420	2,730	6,940	3,380	3,040	2,680	2,920	2,640	23,700	4,500	9,280	3,280
29	7,760	2,930	4,680	2,850	3,010	2,670	2,970	2,650	15,900	5,530	9,100	3,370
30	12,300	3,070	4,020	2,950	2,840	2,550	2,930	2,610	18,000	5,670	7,810	3,120
31	---	---	3,960	2,730	---	---	2,980	2,610	10,600	4,370	---	---
MONTH	12,300	2,590	11,500	2,500	---	---	14,200	1,970	---	---	23,300	2,650

02310700 HOMOSASSA RIVER AT HOMOSASSA, FL.—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	27.9	26.0	25.3	24.6	22.4	20.7	21.3	19.4	18.9	17.4	20.3	18.5
2	27.8	26.4	25.9	24.7	21.9	20.6	21.7	20.0	19.0	17.5	19.4	17.6
3	27.9	26.5	25.6	24.8	21.1	19.5	21.7	20.4	19.8	17.7	18.2	16.8
4	27.6	26.1	25.6	24.5	20.2	18.9	22.1	20.4	18.8	17.6	19.3	16.7
5	26.8	25.7	25.3	22.5	19.8	18.0	22.3	20.8	19.1	17.0	20.2	17.7
6	26.3	25.3	22.7	21.1	21.1	19.1	22.6	21.2	19.7	16.8	21.6	18.6
7	25.8	24.3	22.7	20.7	22.4	20.2	22.5	21.4	20.2	17.2	22.0	19.7
8	25.1	23.4	22.3	20.7	23.4	21.4	23.0	21.5	20.8	17.7	21.1	19.3
9	25.4	23.9	21.9	20.6	23.6	22.4	23.3	21.5	20.9	18.2	20.3	17.5
10	25.6	24.3	21.6	19.9	23.4	22.6	22.7	21.9	20.8	18.7	19.6	16.5
11	25.1	24.1	22.5	20.7	22.9	19.6	22.7	21.5	18.7	16.4	20.1	17.4
12	25.4	23.7	22.8	21.3	19.8	17.9	22.7	21.2	18.4	15.8	20.6	18.5
13	25.9	24.3	23.4	21.6	19.6	17.4	22.7	21.4	19.0	16.3	21.8	19.0
14	25.1	24.0	22.9	21.5	19.3	17.0	22.3	20.5	19.7	17.3	21.6	21.0
15	24.7	23.1	22.1	20.3	17.0	14.6	20.5	17.9	21.4	19.1	22.6	21.4
16	23.5	21.9	21.8	20.0	18.0	14.1	18.8	17.0	22.0	20.6	22.4	21.5
17	24.0	22.1	21.8	20.0	19.0	15.9	18.0	16.5	22.5	21.1	22.0	21.2
18	24.4	23.0	21.7	20.0	19.8	17.7	17.7	15.2	21.1	19.7	21.5	20.0
19	25.3	23.6	21.9	20.4	19.5	17.5	17.2	14.1	20.7	18.7	21.3	19.1
20	26.3	24.8	22.4	21.3	17.5	16.0	18.4	14.0	21.2	19.0	22.3	19.8
21	26.4	25.1	23.1	21.6	17.7	15.1	18.6	15.2	21.4	19.4	22.1	21.0
22	25.6	24.0	23.0	21.9	18.7	15.4	19.3	15.7	22.5	20.0	23.7	21.1
23	24.7	22.7	23.1	22.2	19.1	15.9	18.5	16.4	23.0	21.1	23.5	22.7
24	24.8	22.7	23.2	22.3	18.9	17.5	17.1	14.1	22.7	21.5	23.1	21.8
25	25.3	23.7	22.8	20.9	17.6	16.1	18.0	13.5	22.1	20.8	23.2	22.5
26	25.0	23.9	20.9	19.0	16.4	14.5	18.3	14.6	20.8	19.5	22.7	21.5
27	24.7	23.3	20.3	18.5	17.4	14.5	20.3	15.9	20.6	19.3	23.5	21.2
28	24.4	23.5	21.0	18.6	18.6	15.0	19.5	18.2	21.1	18.6	23.3	21.6
29	25.1	23.8	21.3	19.3	19.9	16.7	19.2	17.2	---	---	22.6	20.8
30	25.6	24.3	22.2	19.6	20.7	17.7	19.9	17.0	---	---	23.5	21.4
31	25.4	24.7	---	---	20.7	18.3	19.9	18.3	---	---	24.8	22.6
MONTH	27.9	21.9	25.9	18.5	23.6	14.1	23.3	13.5	23.0	15.8	24.8	16.5
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	25.0	23.1	25.0	23.7	27.3	25.7	27.8	26.0	30.6	27.0	28.4	27.0
2	24.6	23.0	25.7	23.1	27.3	25.3	28.8	26.3	31.0	27.8	28.9	26.5
3	23.0	20.4	26.3	23.8	27.0	25.2	28.8	26.6	30.9	27.9	28.7	26.6
4	23.7	20.3	25.7	23.3	26.4	25.0	29.7	26.9	30.9	28.0	28.4	26.7
5	24.0	21.8	23.3	22.3	26.6	24.6	30.4	27.7	30.2	28.1	27.8	26.0
6	24.7	22.7	24.0	21.4	27.7	24.9	31.2	28.1	30.3	27.8	27.8	25.5
7	24.5	22.5	24.8	22.2	29.0	26.1	30.8	28.3	29.3	28.0	27.2	25.5
8	23.5	21.9	25.7	23.4	29.1	27.1	31.4	28.7	29.3	27.4	26.7	25.8
9	23.8	22.0	26.4	24.3	27.7	26.5	29.5	26.3	30.0	27.8	27.3	25.4
10	24.2	22.3	26.8	24.8	26.9	25.4	27.2	25.3	29.7	28.2	28.2	26.1
11	24.6	22.1	26.9	25.0	27.6	25.0	28.5	26.3	30.2	27.9	28.6	26.6
12	25.1	23.2	27.2	24.7	27.6	26.0	28.1	26.9	30.5	28.5	28.7	26.6
13	25.3	23.8	26.9	25.0	29.0	26.1	29.6	26.4	30.2	28.2	29.7	27.4
14	24.6	22.9	27.4	24.7	29.5	26.5	28.9	27.3	30.2	27.9	29.4	27.1
15	23.3	21.1	27.7	25.1	30.5	27.5	28.3	26.6	30.0	27.2	29.4	26.7
16	23.0	20.2	28.0	25.6	30.5	28.3	28.9	26.3	30.5	27.4	29.5	26.7
17	23.6	20.5	28.1	26.1	30.4	28.1	29.6	26.9	31.0	28.2	29.6	26.7
18	23.7	20.6	28.3	25.9	28.9	25.6	30.1	27.3	31.5	27.9	29.9	27.3
19	24.1	22.1	28.2	25.5	28.0	25.0	29.4	27.1	31.4	28.1	29.5	27.7
20	25.1	22.8	28.9	25.9	28.8	26.0	30.6	26.6	30.8	28.4	28.0	26.5
21	25.5	23.4	29.1	27.1	27.7	25.5	30.9	27.3	31.1	27.6	28.5	26.1
22	25.9	23.8	28.2	25.3	28.6	25.7	31.4	28.2	30.5	28.6	28.8	26.8
23	24.9	22.5	28.9	26.1	28.8	26.0	30.0	28.6	29.7	27.6	28.0	26.3
24	22.5	21.0	28.2	26.8	28.0	26.4	29.3	27.2	29.0	27.0	28.5	26.4
25	22.5	20.4	28.2	26.1	28.7	25.8	29.6	27.0	28.4	27.2	28.6	26.9
26	22.2	21.4	27.6	24.9	29.0	26.4	30.2	27.3	28.3	26.0	29.4	26.4
27	23.2	21.1	28.2	25.3	28.7	27.5	30.3	27.9	29.5	26.8	29.4	26.7
28	24.3	21.8	28.6	26.1	28.0	26.6	30.9	28.2	30.7	28.3	28.8	26.5
29	25.0	22.6	28.5	26.3	28.2	26.4	30.4	27.8	29.9	27.2	29.3	25.8
30	26.0	23.7	29.0	26.5	27.0	26.1	28.8	26.8	30.5	28.2	29.1	26.3
31	---	---	28.5	26.9	---	---	29.1	26.2	29.7	27.7	---	---
MONTH	26.0	20.2	29.1	21.4	30.5	24.6	31.4	25.3	31.5	26.0	29.9	25.4
YEAR	31.5	13.5										

02310747 CRYSTAL RIVER AT BAGLEY COVE NEAR CRYSTAL RIVER, FL.

LOCATION.--Lat 28° 54'23", long 82° 37'26" (1927 North American datum), in NE$^{1}/_{4}$ sec.18, T.18 S., R.17 E., Citrus County, Hydrologic Unit 03100207, on right bank of private boat dock, 1.0 mi upstream from the Salt Creek-Crystal River bifurcation, 1.5 mi southwest of Crystal River, and 3.6 mi upstream mouth.

DRAINAGE AREA.--Undetermined.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 2002 to September 2003 (maximum and minimum residual discharge); October 2003 to current year (daily mean residual discharge).

GAGE.--Water-stage and velocity recorder. Datum of gage has not been determined.

REMARKS.--Residual discharge records fair to poor. Instantaneous discharge computed from index-velocity to mean channel velocity linear regression relation and gage height-to-area quadratic equation relation. A ninth-order Butterworth low-pass filter is used to yield the residual discharge for the Crystal River station. The residual discharges are not total "freshwater" flow, but are a combination of freshwater flow and water storage caused by higher or lower Gulf of Mexico mean water levels. The residual discharge is used to estimate mean daily discharge values.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily mean residual discharge, 2,320 cfs, April 14, 2004; maximum gage height, 16.17 ft, Sept. 27, 2004; minimum daily mean residual discharge, -1,050 cfs, Sept. 6, 2004; minimum gage height, 8.74 ft, Sept. 6, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum daily mean residual discharge, 2,300 cfs, Jan. 23; maximum gage height, 16.06 ft, July 10; minimum daily mean residual discharge, -750 cfs, July 10; minimum gage height, 9.18 ft, Dec. 15.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	1,680	936	1,160	1,350	570	1,410	907	706	1,020	1,110
2	929	---	1,280	1,120	1,040	1,500	1,770	1,070	1,110	630	890	863
3	815	---	1,520	1,170	885	1,260	1,300	913	873	823	1,060	875
4	792	1,460	1,610	1,020	1,080	1,080	1,160	817	903	813	1,030	950
5	970	2,030	1,180	895	1,130	1,180	616	910	858	585	1,000	1,020
6	1,180	1,280	1,000	929	595	1,170	362	956	781	750	815	794
7	888	1,050	988	1,000	480	39	584	646	896	1,020	807	607
8	777	1,340	1,220	948	110	1,510	1,250	629	906	680	743	774
9	905	1,290	599	1,060	24	1,230	972	849	1,040	239	687	964
10	1,020	619	980	942	1,050	718	841	996	519	-750	698	1,020
11	1,180	584	1,670	849	1,350	762	648	953	303	1,390	694	1,040
12	931	295	941	1,070	935	871	763	983	1,310	1,110	866	753
13	1,320	1,430	1,210	763	708	789	1,220	1,020	1,080	843	885	838
14	976	1,720	1,930	2,100	1,150	1,180	1,360	1,060	874	797	872	937
15	1,640	1,400	1,860	1,560	1,060	1,020	1,690	1,160	664	1,010	918	819
16	1,180	1,240	1,260	1,610	858	1,060	1,460	1,040	753	993	798	709
17	1,200	1,450	1,150	1,330	1,470	1,520	1,210	1,010	554	1,000	792	645
18	971	1,300	1,190	1,120	1,510	1,680	784	749	681	808	730	770
19	936	1,160	1,390	766	1,210	1,120	684	576	643	865	647	1,040
20	1,130	1,140	1,700	980	974	1,110	595	244	696	660	883	1,220
21	1,140	1,140	1,040	1,150	1,070	946	765	1,180	507	771	894	-385
22	968	873	675	779	1,040	1,050	459	763	931	591	853	809
23	783	938	1,360	2,300	759	952	1,130	543	861	1,080	1,150	1,090
24	840	199	1,860	637	944	969	1,240	727	1,050	888	980	1,580
25	1,290	1,570	1,160	993	1,030	633	748	1,220	763	814	1,520	1,330
26	1,440	1,340	1,940	866	868	906	882	903	872	659	782	996
27	1,220	751	1,320	1,380	-272	86	1,540	876	964	765	-90	1,040
28	1,280	1,600	1,240	1,270	1,240	1,380	1,010	1,020	637	888	301	1,010
29	1,340	1,190	1,030	484	---	1,330	920	1,070	739	1,120	283	596
30	---	1,050	964	1,160	---	1,050	1,060	951	842	1,130	964	630
31	---	---	1,110	1,360	---	1,060	---	809	---	807	1,100	---
MEAN	---	---	1,292	1,114	909	1,049	986	905	817	790	825	881
MAX	---	---	1,940	2,300	1,510	1,680	1,770	1,410	1,310	1,390	1,520	1,580
MIN	---	---	599	484	-272	39	362	244	303	-750	-90	-385

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

MEAN	782	832	1,049	980	847	838	812	732	694	605	637	744
MAX	1,137	1,131	1,292	1,114	1,017	1,049	986	905	887	810	827	911
(WY)	(2004)	(2004)	(2005)	(2005)	(2004)	(2005)	(2005)	(2005)	(2004)	(2004)	(2004)	(2002)
MIN	428	533	737	723	608	515	464	389	377	216	259	440
(WY)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)

SUMMARY STATISTICS	WATER YEARS 2002 - 2005	
ANNUAL MEAN	473	
HIGHEST ANNUAL MEAN	473	2003
LOWEST ANNUAL MEAN	473	2003
HIGHEST DAILY MEAN	2,320	Apr 14, 2004
LOWEST DAILY MEAN	-1,050	Sep 6, 2004
ANNUAL SEVEN-DAY MINIMUM	33	Jul 6, 2003
10 PERCENT EXCEEDS	900	
50 PERCENT EXCEEDS	466	
90 PERCENT EXCEEDS	87	

02310747 CRYSTAL RIVER AT BAGLEY COVE NEAR CRYSTAL RIVER, FL.

PERIOD OF RECORD.--August 2002 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors.

REMARKS.--Temperature and specific conductance records are good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 33,900 microsiemens, Sept. 27, 2004; minimum, 670 microsiemens, Sept. 27, 2005.

TEMPERATURE.--Maximum, 31.8° C, July 22, 2005; minimum, 12.5° C, Jan. 19, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE.--Maximum, 33,200 microsiemens, Aug. 28; minimum, 670 microsiemens, Sept. 27.

TEMPERATURE.--Maximum, 31.8° C, July 22, Aug. 19; minimum, 13.1° C, Jan. 19.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	11,700	1,900	16,400	2,010	10,500	1,450	4,670	1,150	9,510	1,450	10,700	2,350
2	7,850	1,910	16,700	1,960	4,650	1,160	6,020	1,290	6,080	1,520	7,940	1,890
3	7,290	1,660	14,500	1,440	4,190	1,190	5,250	1,220	19,300	1,390	6,790	1,630
4	5,600	1,580	7,890	1,210	3,800	1,110	6,660	1,080	10,900	1,420	8,470	1,440
5	4,760	1,320	6,450	1,140	6,310	1,020	8,950	1,140	8,230	1,280	7,180	1,400
6	4,190	1,130	5,410	1,180	7,480	1,130	10,400	1,220	13,400	1,310	6,720	1,580
7	3,690	1,100	9,530	1,090	8,940	1,280	10,500	1,250	19,700	2,210	8,060	1,710
8	6,830	1,140	11,100	1,100	10,400	1,280	12,000	1,300	24,400	3,660	---	---
9	17,900	1,250	5,250	1,070	6,500	1,100	12,200	1,330	25,200	4,400	9,060	1,650
10	18,700	1,360	8,260	1,080	13,900	1,540	---	---	26,800	5,550	7,930	1,980
11	20,500	1,660	16,600	1,410	12,700	1,550	---	---	11,800	3,040	12,000	2,710
12	14,600	1,540	23,300	2,520	5,970	1,110	20,900	2,030	8,890	3,180	7,960	2,590
13	16,700	2,100	24,600	3,340	10,000	1,590	22,000	2,690	16,300	3,350	8,520	3,140
14	10,300	1,400	9,940	1,610	5,960	1,140	24,500	2,830	14,200	3,270	6,660	2,850
15	17,600	2,090	7,750	1,160	4,560	1,150	6,950	1,310	8,660	2,970	6,000	2,520
16	7,870	1,270	10,900	1,190	3,730	1,110	4,280	1,280	10,700	2,160	11,200	2,100
17	12,800	1,490	14,700	1,360	5,700	1,180	3,740	1,200	6,180	2,250	---	---
18	12,800	1,330	10,700	1,280	6,180	1,250	3,470	1,240	6,100	1,460	---	---
19	16,700	1,460	7,570	1,160	6,120	1,270	11,900	1,170	5,700	1,350	---	---
20	13,800	1,400	10,200	1,190	4,730	1,070	14,800	1,290	6,320	1,710	5,680	1,500
21	6,420	1,190	6,470	1,230	10,600	1,070	14,500	1,300	12,500	2,080	5,370	1,520
22	5,670	1,160	8,580	1,280	16,800	1,170	16,000	1,570	11,200	2,200	9,460	1,930
23	8,350	1,140	10,900	1,360	18,600	2,160	17,300	1,620	8,620	2,090	6,400	1,970
24	19,700	1,090	18,000	1,770	6,860	1,280	5,170	1,250	12,400	2,580	5,830	1,880
25	14,500	1,660	23,300	2,500	4,660	1,140	10,400	1,610	10,800	2,260	9,640	2,150
26	11,900	1,640	7,960	1,250	6,380	1,190	14,400	1,860	6,590	2,130	5,050	2,000
27	13,700	1,290	10,500	1,340	3,920	1,110	12,100	1,890	23,900	2,080	10,500	1,920
28	12,600	1,530	16,000	1,690	3,860	1,140	5,120	1,340	14,100	3,680	12,600	2,110
29	17,200	1,810	6,200	1,300	6,530	1,210	9,150	1,440	---	---	7,430	1,810
30	18,200	2,110	7,810	1,380	8,320	1,150	15,800	2,120	---	---	6,210	1,760
31	17,500	1,980	---	---	11,500	1,220	6,240	1,590	---	---	6,760	1,760
MONTH	20,500	1,090	24,600	1,070	18,600	1,020	---	---	26,800	1,280	---	---

02310747 CRYSTAL RIVER AT BAGLEY COVE NEAR CRYSTAL RIVER, FL.—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	11,200	1,810	6,400	2,260	12,900	2,140	7,290	1,430	13,800	1,760	9,370	1,560
2	7,600	2,470	5,850	1,840	10,100	1,710	7,270	1,590	16,000	1,750	12,600	1,580
3	5,620	1,640	5,590	1,600	11,400	1,840	7,930	1,590	17,400	1,340	11,300	1,270
4	4,730	1,520	5,290	1,730	12,400	1,790	8,820	1,620	16,200	1,340	11,000	1,270
5	4,200	1,460	5,650	1,530	13,900	1,810	11,100	1,620	17,300	1,450	5,620	1,310
6	5,640	1,830	4,020	1,420	15,300	2,000	16,400	1,800	15,800	1,470	7,820	1,190
7	12,600	2,220	6,940	1,530	15,800	2,160	12,200	1,750	13,200	1,500	6,380	1,120
8	6,920	1,770	13,300	1,640	15,600	1,860	11,900	1,740	10,900	1,590	6,650	1,090
9	4,780	1,780	13,800	1,710	12,300	1,840	6,900	1,830	7,700	1,650	8,470	914
10	5,680	1,660	14,500	1,830	9,400	1,730	29,800	1,450	7,970	1,610	13,500	994
11	9,220	1,530	11,300	1,920	26,900	1,680	13,800	4,870	6,790	1,570	12,400	1,110
12	11,500	1,850	12,700	1,740	12,700	3,910	6,950	3,140	8,370	1,450	9,490	918
13	5,970	1,980	9,820	1,870	8,400	2,630	5,280	2,150	11,400	1,390	13,000	852
14	4,780	1,650	12,600	1,670	6,230	2,000	6,790	2,030	14,200	1,570	13,700	1,270
15	5,700	1,660	6,930	1,870	5,380	1,770	8,590	1,720	14,500	1,320	12,300	1,290
16	9,250	1,530	5,600	1,680	7,040	1,760	8,860	1,540	14,900	1,900	15,800	2,040
17	11,600	1,860	5,280	1,480	8,640	1,740	9,300	1,370	17,900	1,600	15,500	2,360
18	6,010	1,990	4,980	1,440	10,100	1,830	14,200	1,910	22,200	1,830	15,000	2,490
19	---	---	9,110	1,480	7,740	1,970	19,300	1,880	23,000	1,830	11,600	2,550
20	9,290	1,530	17,100	1,900	11,500	1,990	21,800	2,000	22,200	2,520	8,910	1,460
21	10,200	1,810	16,500	1,990	19,500	1,880	21,700	2,000	21,500	2,640	16,600	904
22	11,600	2,160	18,000	1,690	21,800	2,040	22,200	2,200	18,600	2,630	20,500	4,000
23	13,400	2,670	19,700	1,860	21,300	2,080	16,300	2,330	14,400	2,680	15,900	4,130
24	6,100	1,900	21,200	2,090	13,600	2,610	14,400	1,960	13,300	1,970	12,500	2,760
25	8,460	1,710	18,600	2,890	19,800	1,880	8,140	2,020	10,500	1,520	8,990	1,730
26	15,900	1,830	20,700	2,530	18,900	2,160	7,060	1,760	5,490	1,220	12,100	918
27	9,620	2,380	21,800	2,680	8,860	2,440	6,960	1,830	18,700	2,230	7,970	670
28	7,390	2,010	19,400	2,920	6,350	1,680	6,020	1,690	33,200	5,360	11,000	676
29	12,200	1,850	12,300	2,940	8,010	1,480	8,910	1,720	24,200	5,110	16,000	692
30	14,700	2,200	8,790	2,600	8,080	1,460	10,200	1,590	24,200	4,450	11,600	1,060
31	---	---	8,290	2,430	---	---	14,200	1,630	13,800	2,470	---	---
MONTH	---	---	21,800	1,420	26,900	1,460	29,800	1,370	33,200	1,220	20,500	670

02310747 CRYSTAL RIVER AT BAGLEY COVE NEAR CRYSTAL RIVER, FL.—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	27.7	26.1	---	---	22.6	20.7	21.5	18.6	19.3	16.7	20.4	18.2
2	27.6	26.2	---	---	22.2	20.8	22.0	19.4	19.1	16.8	19.1	17.6
3	27.9	26.6	25.8	24.6	21.2	19.8	22.1	20.1	19.6	16.1	19.1	16.8
4	27.8	26.4	25.6	24.5	20.5	18.9	22.3	20.2	19.2	17.5	18.8	16.5
5	27.4	25.9	25.4	23.0	20.7	18.5	22.1	20.1	18.8	16.1	19.5	17.3
6	27.0	25.4	23.6	22.1	21.5	18.9	22.3	20.3	19.1	15.9	20.4	17.9
7	26.1	24.7	22.7	21.7	22.4	19.5	22.4	20.3	19.8	15.4	21.2	18.4
8	25.9	23.9	22.5	21.2	23.1	20.0	22.6	20.7	20.1	16.2	20.3	18.0
9	25.8	24.1	21.9	21.2	23.2	21.5	22.8	21.0	20.7	16.8	19.5	18.1
10	25.5	24.1	21.7	20.6	23.1	21.5	22.6	21.3	20.7	17.7	19.6	16.9
11	25.3	23.9	21.9	20.5	22.2	19.9	22.6	20.7	19.4	16.5	19.9	16.4
12	25.0	23.6	22.1	20.7	19.9	18.4	22.7	20.6	18.3	16.0	20.2	18.0
13	25.6	23.9	23.1	21.2	20.0	17.4	22.7	20.8	18.9	15.8	21.2	18.3
14	25.1	23.6	23.1	22.2	19.9	17.7	22.4	20.9	19.5	16.5	21.5	19.9
15	24.7	23.1	22.3	21.1	18.5	15.9	21.2	19.1	21.1	18.7	21.9	20.9
16	23.3	22.0	22.2	20.3	19.0	14.8	19.3	17.6	22.0	19.5	22.1	20.5
17	24.2	22.4	22.1	20.0	19.5	15.0	18.8	16.5	22.2	20.6	21.8	20.9
18	24.6	23.3	22.1	20.1	20.2	16.5	17.9	15.9	21.1	19.6	---	---
19	25.6	24.1	22.5	20.4	20.0	17.1	17.5	13.1	20.1	18.9	---	---
20	26.6	25.2	22.8	20.9	18.4	16.2	18.2	13.8	20.7	19.0	21.5	19.7
21	26.8	25.4	23.2	21.7	17.6	14.3	18.6	13.9	21.1	18.3	21.6	20.0
22	26.2	24.4	23.1	22.1	18.8	14.4	19.7	14.8	22.0	19.0	23.2	20.0
23	25.4	23.3	23.0	22.1	19.2	14.2	19.2	16.0	22.3	20.2	23.0	22.0
24	24.7	22.8	22.8	22.1	19.6	17.2	17.9	15.8	22.0	20.3	23.0	21.2
25	25.0	23.5	22.4	21.4	18.6	16.4	18.0	13.7	21.9	20.6	23.1	22.0
26	24.8	23.7	21.4	19.8	17.2	15.2	18.7	13.6	21.2	19.8	22.7	22.0
27	24.5	23.4	20.7	19.1	18.3	14.8	20.0	14.8	20.6	18.5	23.6	21.6
28	24.5	23.2	21.4	18.7	19.4	15.4	20.0	17.6	20.7	18.9	23.6	21.7
29	24.9	23.5	21.7	19.6	20.3	15.2	19.2	16.6	---	---	22.1	20.7
30	25.5	24.1	22.3	19.9	21.1	16.3	19.6	15.9	---	---	23.0	20.9
31	---	---	---	---	20.9	17.0	19.8	17.7	---	---	24.1	22.3
MONTH	---	---	---	---	23.2	14.2	22.8	13.1	22.3	15.4	---	---
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	24.8	23.3	24.5	23.8	27.2	25.6	27.7	25.9	30.1	26.6	28.3	25.6
2	24.0	21.9	25.2	23.3	27.0	25.6	28.9	26.3	30.6	27.3	29.2	26.2
3	22.1	20.7	26.4	23.7	26.8	25.4	29.6	27.3	30.8	27.2	29.0	26.0
4	23.0	20.9	25.2	23.4	26.4	24.8	30.0	27.0	30.6	27.2	28.7	26.0
5	24.1	22.3	23.6	22.6	26.8	25.0	30.7	27.4	30.6	27.1	27.6	25.7
6	24.8	23.3	23.9	22.0	27.6	25.4	31.3	27.8	30.8	26.7	27.7	25.6
7	24.0	21.9	24.5	22.4	29.0	26.2	31.4	28.0	30.3	27.1	27.1	25.3
8	21.9	20.5	24.9	23.2	29.5	27.0	31.5	28.1	30.1	26.6	26.6	25.4
9	22.9	20.4	25.5	23.8	28.9	26.5	29.4	26.4	29.9	26.8	26.8	25.2
10	23.4	21.4	25.8	24.1	27.4	25.4	27.5	25.3	29.5	27.2	27.5	25.7
11	23.9	22.0	26.1	24.5	27.2	24.7	28.4	25.8	29.5	26.8	27.9	26.4
12	23.5	21.9	26.4	24.8	27.6	25.9	28.6	26.7	29.9	27.4	28.0	26.5
13	22.6	21.4	26.5	25.3	28.0	25.9	29.0	26.0	30.4	27.5	28.5	26.5
14	23.3	21.5	26.4	24.6	28.7	26.1	29.5	27.1	31.1	28.3	28.8	26.6
15	23.6	22.2	26.9	25.1	29.7	27.0	29.4	26.7	30.8	28.2	28.6	26.4
16	23.7	21.9	28.0	25.4	30.1	27.6	29.2	26.3	31.2	27.9	28.5	26.5
17	23.9	22.6	28.4	25.6	30.5	27.8	29.8	26.7	31.6	27.2	29.0	26.5
18	24.2	23.3	27.8	25.2	30.2	26.0	30.2	27.3	31.7	27.3	29.6	26.8
19	---	---	27.8	24.8	28.6	25.7	30.4	26.4	31.8	27.4	29.6	27.1
20	23.9	22.1	28.0	25.2	29.0	26.1	30.4	26.6	31.6	27.3	28.0	26.5
21	24.3	22.5	28.1	26.1	28.2	25.7	30.9	26.9	31.5	26.9	29.1	26.0
22	24.6	22.9	27.6	25.3	28.8	25.7	31.8	27.4	31.5	27.7	28.6	26.2
23	24.1	22.8	28.0	25.8	29.2	26.1	30.6	27.6	30.3	27.7	27.4	26.2
24	22.9	21.4	27.3	26.1	28.6	26.2	30.6	26.5	29.7	27.1	27.7	26.4
25	22.0	20.2	27.7	25.9	28.2	25.6	30.1	26.6	29.4	27.0	27.8	26.6
26	22.1	20.4	26.9	25.0	29.1	25.3	30.0	26.6	28.5	26.1	28.3	26.6
27	22.7	20.6	27.2	25.4	28.8	26.6	29.9	27.3	29.6	26.8	28.6	26.5
28	23.5	21.6	28.0	25.7	28.3	26.0	30.4	27.9	29.7	27.5	28.5	25.7
29	24.1	22.6	27.9	26.1	28.0	25.9	30.5	28.2	29.2	27.0	28.0	25.6
30	24.9	23.5	28.7	26.3	27.7	25.9	30.2	26.5	29.7	27.6	28.3	25.7
31	---	---	28.2	26.8	---	---	29.6	26.4	29.2	26.4	---	---
MONTH	---	---	28.7	22.0	30.5	24.7	31.8	25.3	31.8	26.1	29.6	25.2

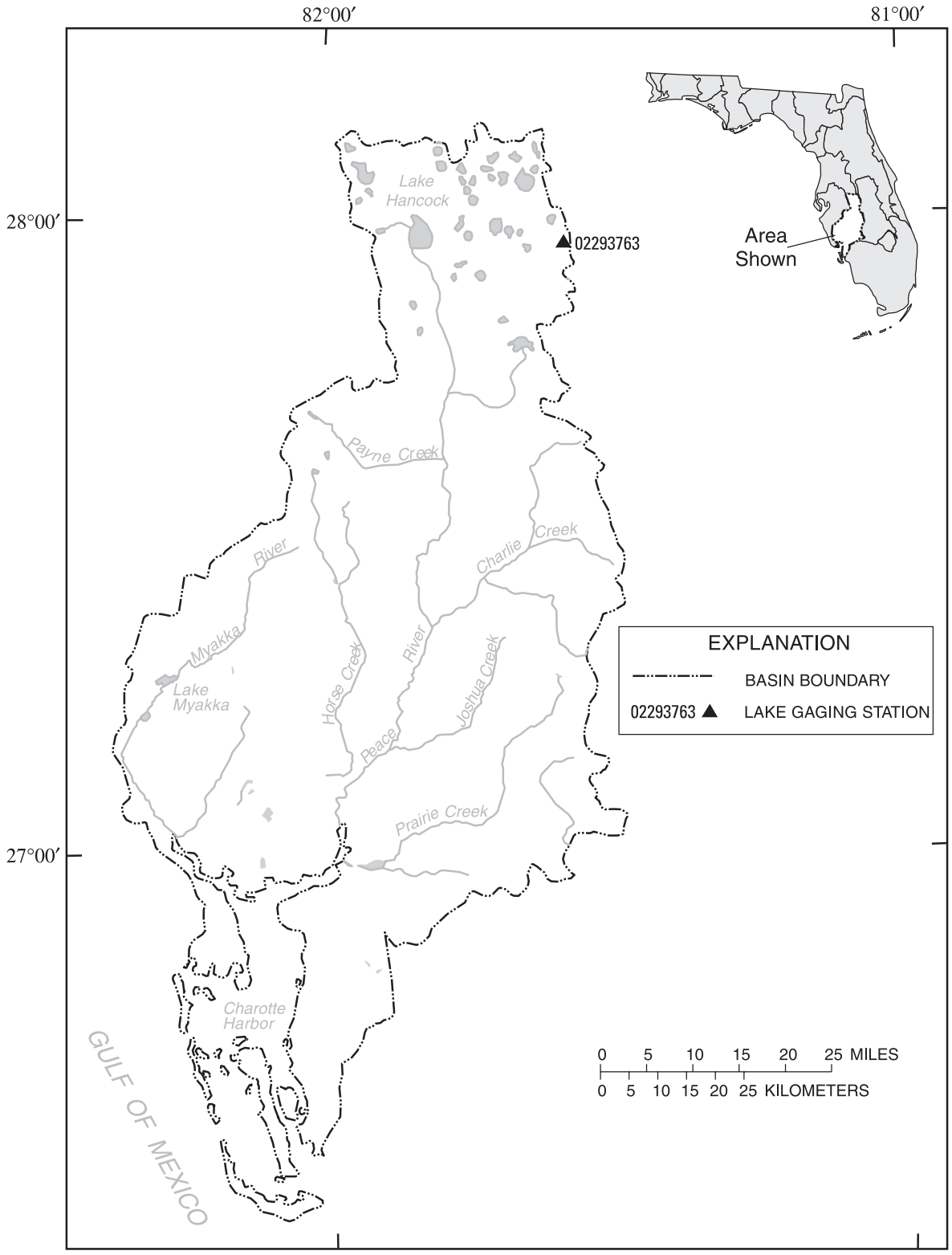

Figure 14.--Location of lake gaging stations in the Peace and Myakka River basins, Charlotte Harbor and Coastal area.

02293763 LAKE STARR NEAR WAVERLY, FL.

LOCATION.--Lat 27° 57'17", long 81° 35'33" (1927 North American datum), in SW$^{1}/_{4}$ sec.14, T.29 S., R.27 E., Polk County, Hydrologic Unit 03100101, on west shore of lake at East Starr Avenue, 800 ft east of Alternate U.S. Highway 27, and 2.1 mi south of Waverly.

SURFACE AREA.--134 acres (0.21 mi^2).

DRAINAGE AREA.--1.15 mi^2 (revised).

PERIOD OF RECORD.--September 1995 to April 2001 (incomplete); May 19 to September 30, 2001 (daily observer readings); October 2001 to current year. Records of elevations prior to October 1995 are available in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is 82.87 ft above National Geodetic Vertical Datum of 1929 (Corps of Engineers bench mark); gage readings have been reduced to elevations above NGVD. Prior to May 9, 2000, at same site at datum 20.50 ft lower.

REMARKS.--Lake elevation was measured as part of a special study to compute lake-water budgets.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 108.95 ft, Sept. 28-30, 2005; minimum observed, 96.23 ft, July 5, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 108.95 ft, Sept. 28-30; minimum, 104.97 ft, Oct. 1.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	104.98	105.50	105.84	106.13	106.32	106.39	106.64	106.48	106.46	107.72	108.15	108.85
2	105.00	105.51	105.85	106.13	106.32	106.37	106.66	106.50	106.52	107.75	108.17	108.85
3	105.01	105.53	105.85	106.14	106.33	106.36	106.65	106.50	106.54	107.79	108.24	108.86
4	105.03	105.54	105.85	106.14	106.34	106.37	106.63	106.51	106.59	107.82	108.25	108.84
5	105.05	105.55	105.85	106.15	106.32	106.36	106.62	106.53	106.74	107.85	108.28	108.83
6	105.06	105.55	105.86	106.16	106.32	106.35	106.60	106.58	106.80	107.84	108.31	108.85
7	105.06	105.55	105.87	106.17	106.32	106.35	106.60	106.56	106.81	107.83	108.40	108.86
8	105.07	105.56	105.88	106.17	106.32	106.34	106.60	106.54	106.86	107.83	108.43	108.87
9	105.08	105.57	105.89	106.17	106.32	106.36	106.59	106.53	106.90	107.86	108.43	108.86
10	105.09	105.57	105.91	106.18	106.32	106.38	106.57	106.52	106.96	107.90	108.43	108.86
11	105.12	105.58	105.94	106.18	106.30	106.36	106.55	106.52	107.01	107.91	108.43	108.85
12	105.16	105.59	105.92	106.18	106.28	106.35	106.54	106.55	107.04	107.94	108.45	108.84
13	105.18	105.60	105.92	106.19	106.27	106.34	106.56	106.54	107.04	107.94	108.50	108.84
14	105.19	105.61	105.92	106.31	106.27	106.34	106.55	106.52	107.03	107.94	108.53	108.83
15	105.21	105.61	105.91	106.38	106.27	106.35	106.52	106.50	107.03	107.97	108.60	108.82
16	105.21	105.61	105.89	106.37	106.27	106.39	106.49	106.49	107.06	107.98	108.60	108.82
17	105.22	105.62	105.90	106.36	106.26	106.54	106.47	106.47	107.10	107.98	108.59	108.81
18	105.24	105.62	105.91	106.35	106.25	106.60	106.45	106.46	107.09	107.98	108.59	108.80
19	105.26	105.63	105.92	106.33	106.23	106.59	106.43	106.43	107.08	108.00	108.58	108.79
20	105.30	105.64	105.91	106.33	106.22	106.58	106.41	106.41	107.10	108.03	108.58	108.80
21	105.36	105.65	105.90	106.34	106.22	106.60	106.39	106.39	107.14	108.02	108.57	108.82
22	105.38	105.66	105.90	106.34	106.22	106.65	106.38	106.37	107.24	108.02	108.57	108.85
23	105.39	105.67	105.91	106.35	106.21	106.66	106.39	106.36	107.50	108.02	108.56	108.86
24	105.40	105.68	105.93	106.33	106.22	106.66	106.43	106.33	107.50	108.04	108.55	108.86
25	105.42	105.79	106.01	106.31	106.22	106.66	106.40	106.35	107.50	108.09	108.56	108.85
26	105.43	105.80	106.11	106.31	106.22	106.69	106.40	106.38	107.50	108.08	108.63	108.84
27	105.44	105.81	106.11	106.31	106.33	106.69	106.50	106.36	107.51	108.08	108.72	108.84
28	105.45	105.82	106.10	106.31	106.41	106.68	106.49	106.34	107.54	108.08	108.78	108.88
29	105.46	105.83	106.11	106.32	---	106.66	106.47	106.33	107.61	108.07	108.78	108.95
30	105.48	105.83	106.11	106.32	---	106.65	106.46	106.31	107.67	108.08	108.78	108.94
31	105.49	---	106.12	106.32	---	106.64	---	106.36	---	108.13	108.81	---
MEAN	105.23	105.64	105.94	106.26	106.28	106.49	106.51	106.45	107.08	107.95	108.51	108.85
MAX	105.49	105.83	106.12	106.38	106.41	106.69	106.66	106.58	107.67	108.13	108.81	108.95
MIN	104.98	105.50	105.84	106.13	106.21	106.34	106.38	106.31	106.46	107.72	108.15	108.79

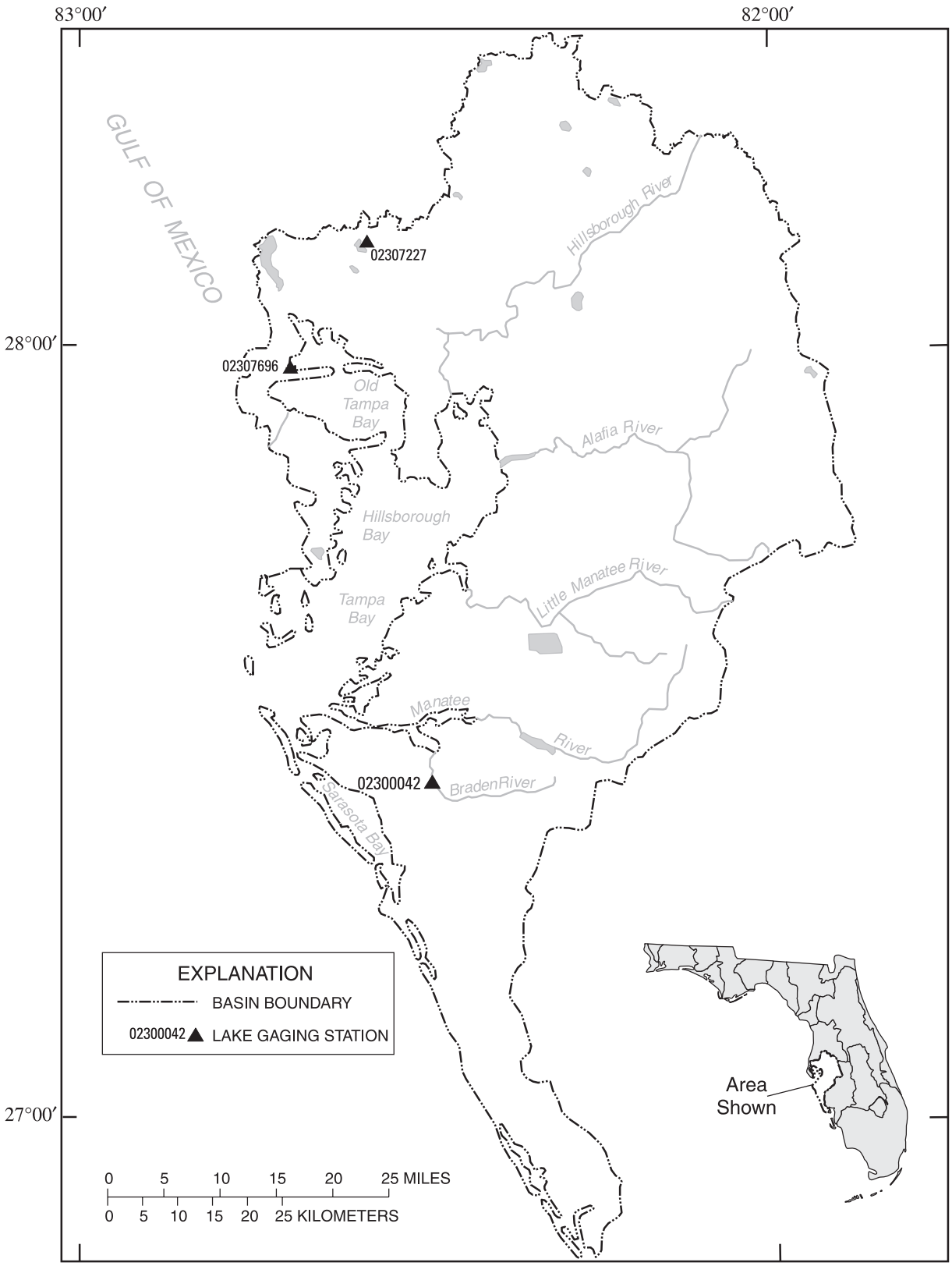

Figure 15.--Location of lake gaging stations in the Manatee, Little Manatee, Alafia, Hillsborough River basins, Tampa Bay and coastal area.

MANATEE RIVER BASIN

02300042 WARD LAKE NEAR BRADENTON, FL.

LOCATION.--Lat 27° 26'28", long 82° 29'16" (1927 North American datum), in NE$^{1}/_{4}$ sec.15, T.35 S., R.18 E., Manatee County, Hydrologic Unit 03100202, on west shore of lake, 40 ft upstream from control structure, and 5 mi southeast of Bradenton.

SURFACE AREA.--57.6 acres (0.09mi^2).

DRAINAGE AREA.--59.5 mi^2, approximately.

PERIOD OF RECORD.--November 1942 to September 1947 (four times weekly); August 1976 to current year. Records of elevations prior to August 1976 are available in files of the Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1987, on east shore of lake at same datum; Oct. 1, 1987, to Apr. 9, 1992, on west shore of lake at same datum.

REMARKS.--Lake levels affected by diversion by city of Bradenton. Some elevations 1997, 2001, and 2002 water year provided by City of Bradenton.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 6.15 ft, Sept. 7, 1988; minimum observed, 2.60 ft below NGVD of 1929, June 16, 1945.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 4.77 ft, Feb. 28; minimum, 3.01 ft NGVD, Dec. 22-25.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.12	3.89	3.44	3.94	3.87	4.41	3.91	3.98	4.11	4.27	4.02	3.90
2	4.09	3.89	3.42	3.94	3.87	4.18	3.96	4.00	4.30	4.23	4.00	3.92
3	4.07	3.88	3.40	3.93	3.86	4.09	3.98	3.98	4.28	4.18	3.98	3.94
4	4.04	3.86	3.38	3.93	3.85	4.06	3.96	3.96	4.19	4.13	3.96	3.93
5	4.02	3.86	3.36	3.92	3.85	4.03	3.94	4.00	4.31	4.08	3.95	3.92
6	4.00	3.85	3.34	3.92	3.83	4.01	3.93	4.00	4.30	4.05	3.94	3.91
7	3.99	3.84	3.31	3.92	3.81	3.99	3.92	3.97	4.18	4.02	3.98	3.89
8	3.98	3.82	3.29	3.92	3.80	3.97	3.96	3.95	4.11	4.00	4.03	3.87
9	3.97	3.79	3.28	3.91	3.79	3.98	3.95	3.93	4.16	4.02	4.05	3.85
10	3.97	3.76	3.29	3.90	3.77	4.01	3.94	3.91	4.23	4.10	4.04	3.84
11	3.97	3.73	3.28	3.90	3.74	4.00	3.92	3.90	4.40	4.13	4.01	3.81
12	4.01	3.70	3.25	3.90	3.73	3.97	3.91	3.90	4.60	4.12	3.99	3.79
13	4.01	3.66	3.23	3.90	3.71	3.95	3.91	3.89	4.58	4.19	3.97	3.76
14	4.00	3.63	3.20	3.98	3.69	3.94	3.90	3.87	4.43	4.42	3.96	3.73
15	4.00	3.59	3.16	4.02	3.67	3.94	3.88	3.87	4.29	4.40	3.97	3.69
16	3.99	3.56	3.13	3.99	3.66	3.94	3.86	3.86	4.34	4.32	3.96	3.66
17	3.97	3.53	3.10	3.97	3.64	4.35	3.85	3.86	4.25	4.27	3.95	3.62
18	3.96	3.51	3.09	3.95	3.62	4.57	3.84	4.06	4.17	4.23	3.95	3.58
19	3.96	3.48	3.08	3.94	3.59	4.29	3.82	4.05	4.12	4.19	3.98	3.54
20	3.95	3.46	3.06	3.93	3.56	4.12	3.79	3.99	4.08	4.15	3.97	3.50
21	3.95	3.43	3.04	3.93	3.55	4.06	3.77	3.95	4.05	4.14	3.95	3.47
22	3.94	3.41	3.02	3.93	3.52	4.03	3.75	3.92	4.03	4.11	4.00	3.46
23	3.93	3.38	3.01	3.92	3.49	4.02	3.73	3.91	4.02	4.08	4.05	3.46
24	3.92	3.36	3.01	3.91	3.46	4.02	3.69	3.89	4.02	4.05	4.10	3.46
25	3.91	3.36	3.19	3.90	3.44	4.01	3.65	3.89	4.00	4.04	4.09	3.46
26	3.91	3.33	4.13	3.90	3.42	3.99	3.63	3.87	3.99	4.12	4.06	3.45
27	3.91	3.30	4.07	3.90	3.89	3.98	3.99	3.85	3.97	4.13	4.02	3.43
28	3.91	3.37	4.01	3.90	4.73	3.95	4.09	3.84	3.98	4.09	3.99	3.42
29	3.91	3.42	3.98	3.89	---	3.94	4.02	3.82	4.05	4.06	3.96	3.56
30	3.91	3.44	3.97	3.88	---	3.93	3.98	3.79	4.17	4.05	3.93	3.75
31	3.89	---	3.95	3.87	---	3.92	---	3.83	---	4.04	3.91	---
MEAN	3.97	3.60	3.37	3.92	3.73	4.05	3.88	3.92	4.19	4.14	3.99	3.69
MAX	4.12	3.89	4.13	4.02	4.73	4.57	4.09	4.06	4.60	4.42	4.10	3.94
MIN	3.89	3.30	3.01	3.87	3.42	3.92	3.63	3.79	3.97	4.00	3.91	3.42

TAMPA BAY AND COASTAL AREAS

02307227 CALM LAKE NEAR ODESSA, FL.

LOCATION.--Lat 28° 08'20", long 82° 34'57" (1927 North American datum), in NW$^{1}/_{4}$ sec.14, T.27 S., R.17 E., Hillsborough County, Hydrologic Unit 03100206, on southwest shore of lake, 3.8 mi south of Odessa.

SURFACE AREA.--125 acres (0.20 mi^2).

DRAINAGE AREA.--0.4 mi^2, approximately.

PERIOD OF RECORD.--January 1965 to July 1972, August 1972 to March 1978 (weekly), incomplete; April 1978 to September 1981 (twice weekly), incomplete; October 1981 to September 1982 (weekly); February to September 2005.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. After February 2005, based on Southwest Florida Water Management District staff gage. Prior to Sept. 17, 1965, at site 0.2 mi northwest at datum 1.00 ft lower.

REMARKS.--Lake has surface outlet at high levels to Keystone Lake basin through culvert under Wayne Rd. and is adjacent to the Cosme-Odessa well field.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily elevation, 50.60 ft Mar. 12, 13, 14, 29, 30, 31, 1970; minimum daily, 43.80 ft, June 2, 3, 4, 1968.

EXTREMES FOR CURRENT YEAR.--Maximum daily elevation, 50.16 ft Aug. 24; minimum daily, 48.78 ft May 30.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	49.41	49.39	49.18	49.09	49.54	49.94	50.09
2	---	---	---	---	---	49.39	49.41	49.18	49.13	49.57	49.92	50.09
3	---	---	---	---	---	49.37	49.37	49.17	49.15	49.59	49.90	50.08
4	---	---	---	---	---	49.37	49.36	49.21	49.15	49.59	49.88	50.06
5	---	---	---	---	---	49.37	49.35	49.26	49.16	49.58	49.85	50.03
6	---	---	---	---	---	49.36	49.33	49.26	49.17	49.57	49.85	50.00
7	---	---	---	---	---	49.35	49.31	49.24	49.15	49.55	49.88	49.98
8	---	---	---	---	---	49.33	49.29	49.23	49.14	49.55	49.88	49.95
9	---	---	---	---	49.45	49.32	49.27	49.22	49.13	49.67	49.88	49.93
10	---	---	---	---	49.45	49.33	49.25	49.20	49.14	49.76	49.87	49.91
11	---	---	---	---	49.41	49.32	49.24	49.18	49.21	49.78	49.85	49.89
12	---	---	---	---	49.39	49.30	49.22	49.16	49.28	49.87	49.87	49.87
13	---	---	---	---	49.37	49.29	49.21	49.14	49.38	50.00	49.91	49.85
14	---	---	---	---	49.36	49.32	49.18	49.12	49.37	50.00	49.91	49.82
15	---	---	---	---	49.36	49.35	49.15	49.10	49.37	50.03	49.94	49.80
16	---	---	---	---	49.36	49.35	49.11	49.08	49.35	50.06	49.95	49.78
17	---	---	---	---	49.35	49.43	49.09	49.06	49.34	50.05	49.97	49.76
18	---	---	---	---	49.32	49.45	49.06	49.04	49.31	50.04	49.98	49.74
19	---	---	---	---	49.30	49.43	49.05	49.02	49.29	50.03	50.00	49.72
20	---	---	---	---	49.29	49.42	49.03	49.00	49.27	50.01	50.01	49.71
21	---	---	---	---	49.28	49.43	49.01	48.98	49.25	50.00	50.03	49.72
22	---	---	---	---	49.27	49.44	48.99	48.95	49.30	49.99	50.04	49.72
23	---	---	---	---	49.27	49.46	48.99	48.93	49.38	49.97	50.12	49.72
24	---	---	---	---	49.26	49.46	49.02	48.91	49.39	49.98	50.16	49.70
25	---	---	---	---	49.27	49.47	49.00	48.89	49.38	50.02	50.15	49.69
26	---	---	---	---	49.30	49.49	49.03	48.86	49.37	50.00	50.15	49.67
27	---	---	---	---	49.38	49.48	49.20	48.84	49.37	49.98	50.15	49.65
28	---	---	---	---	49.43	49.45	49.19	48.82	49.40	49.96	50.14	49.64
29	---	---	---	---	---	49.42	49.17	48.80	49.46	49.95	50.12	49.65
30	---	---	---	---	---	49.41	49.17	48.78	49.54	49.94	50.11	49.63
31	---	---	---	---	---	49.40	---	48.97	---	49.93	50.09	---
MEAN	---	---	---	---	---	49.39	49.18	49.06	49.28	49.86	49.98	49.83
MAX	---	---	---	---	---	49.49	49.41	49.26	49.54	50.06	50.16	50.09
MIN	---	---	---	---	---	49.29	48.99	48.78	49.09	49.54	49.85	49.63

02307696 ALLIGATOR LAKE AT SAFETY HARBOR, FL.

LOCATION.--Lat 27° 58'45", long 82° 41'43" (1927 North American datum), in NW$^{1}/_{4}$ sec.10, T.29 S., R.16 E., Pinellas County, Hydrologic Unit 03100206, on east shore of lake, on right upstream wingwall of concrete control structure, 30 ft upstream from bridge on Bayshore Drive, and 0.8 mi southwest of Safety Harbor.

SURFACE AREA.--76.4 acres (0.12 mi^2).

DRAINAGE AREA.--9.0 mi^2, approximately.

PERIOD OF RECORD.--May 1948 to April 1959; October 1960 to September 1992; October 1992 to September 1994 (weekly), incomplete; October 1994 to current year (bimonthly). Records of elevations prior to October 1960 are available in files of the Geological Survey. Prior to October 1974, published as Alligator Creek at Safety Harbor.

REVISED RECORDS.--WRD FL 1964: Surface area.

GAGE.--Nonrecording gage. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Apr. 5, 1959, water-stage recorder at site of former control 160 ft upstream at datum 0.85 ft lower; Oct. 13, 1960, to May 16, 1970, at present site at datum 1.19 ft lower.

REMARKS.--Lake is formed by fixed concrete control structure at elevation 5.0 ft and earth embankment, completed in September 1960. Prior to April 1959, concrete control at elevation 5.4 ft, 24-inch pipe and gate valve with invert at elevation 0.79 ft below NGVD, and earth embankment at site 160 ft upstream. Earth embankment was breached Apr. 5, 1959; elevation at gage subject to tide effect from Old Tampa Bay until structure was rebuilt.

COOPERATION.--Elevations provided by Southwest Florida Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 8.15 ft, Sept. 6, 1950; minimum, 2.30 ft, Oct. 13, 1948.

EXTREMES FOR CURRENT YEAR.--Maximum elevation observed, 5.67 ft, Oct. 6; minimum observed, 5.06 ft, Jan. 31, Sept. 8.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY INSTANTANEOUS VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	5.67	---	---	---	---	---	---	---	5.17	---	---	---
7	---	---	5.07	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	5.06
9	---	---	---	---	---	5.08	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	5.19	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	5.19	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	5.06	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

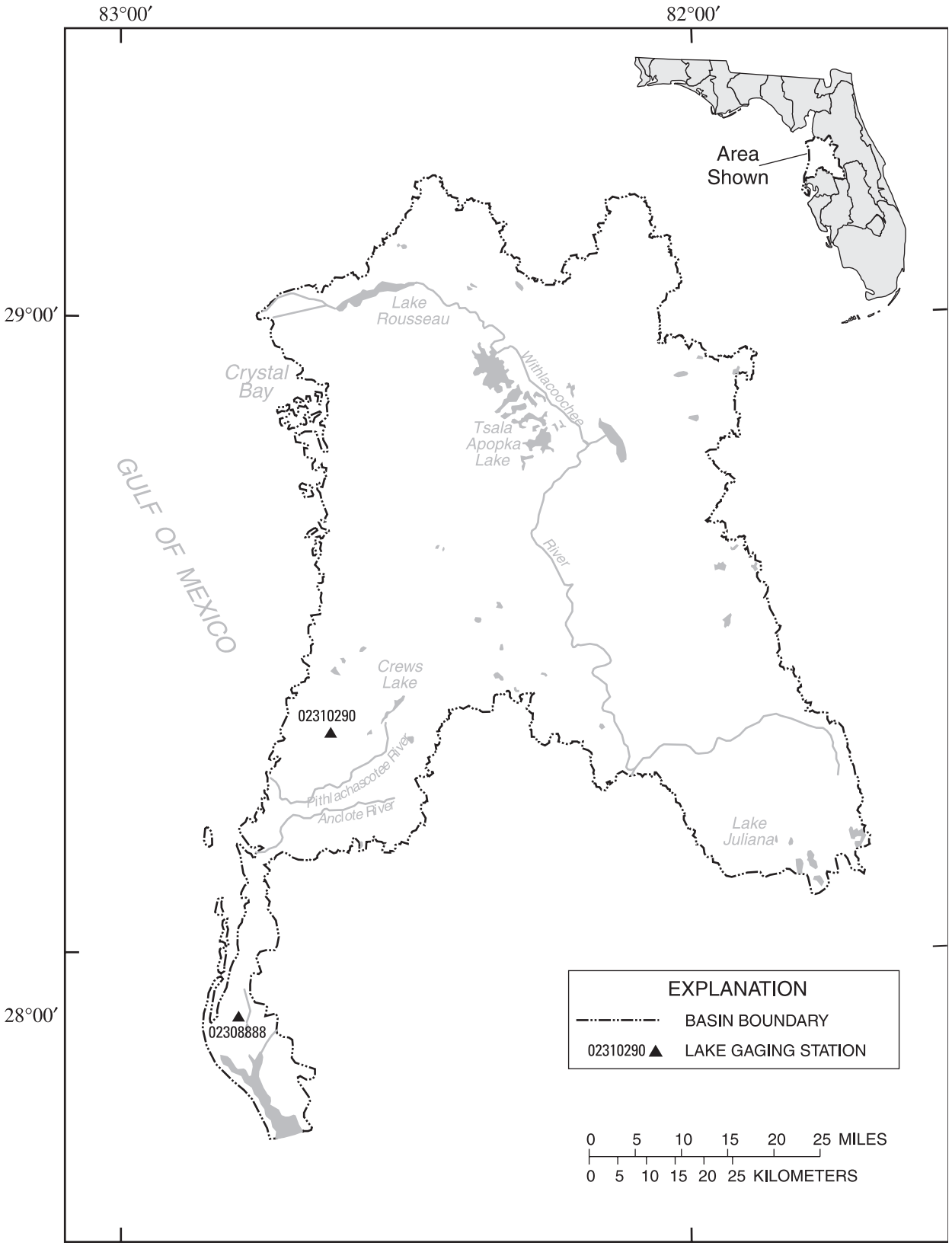

Figure 16.--Location of lake gaging stations in the Coastal area from Tampa Bay to Withlacoochee River.

02308888 SEMINOLE LAKE NEAR LARGO, FL.

LOCATION.--Lat 27° 50'20", long 82° 46'50" (1927 North American datum), in SE$^{1}/_{4}$ sec.27, T.30 S., R.15 E., Pinellas County, Hydrologic Unit 03100207, on south shore of lake, 250 ft west of highway bridge across spillway channel, and 5.2 mi south of Largo.

SURFACE AREA.--684 acres (1.07 mi^2).

DRAINAGE AREA.--6.94 mi^2.

PERIOD OF RECORD.--August 1950 to September 1973; October 1973 to March 1974 (fragmentary); April 1974 to September 1992; October 1992 to September 1994 (weekly), incomplete; October 1994 to current year (bimonthly). Records of elevations prior to October 1960 are available in files of the Geological Survey.

REVISED RECORDS.--WRD FL-79-3A: Surface area, drainage area.

GAGE.--Nonrecording gage. Datum of gage is National Geodetic Vertical Datum of 1929 (Pinellas County bench mark). Prior to Oct. 1, 1992, water-stage recorder.

REMARKS.--Outlet of lake is a 50 ft fixed concrete control structure with crest at average elevation of 5.0 ft. Greater part of inflow to Seminole Lake is regulated by pumps at north dam 3.0 mi above station. Pumpage at north dam represents natural flow of tributary above dam.

COOPERATION.--Elevations provided by Southwest Florida Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 8.22 ft, June 26, 1974; minimum observed, 2.80 ft, June 6, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum elevation observed, 4.96 ft, July. 18; minimum observed, 4.64 ft, June 7.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY INSTANTANEOUS VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	4.74	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	4.91	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	4.76	---	---	---	---	---	---	---	---	4.84
7	---	---	---	---	---	---	---	---	4.64	---	---	---
8	---	---	---	---	---	4.82	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	4.96	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	4.66	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---

02310290 MOON LAKE NEAR NEW PORT RICHEY, FL.

LOCATION.--Lat 28° 17'07", long 82° 37'00" (1927 North American datum), in NW$^{1}/_{4}$ sec.28, T.25 S., R.17 E., Pasco County, Hydrologic Unit 03100207, on southwest shore of lake, on private dock, 6.5 mi northeast of New Port Richey, and 6.5 mi north of Odessa.

SURFACE AREA.--98.2 acres (0.15 mi^2).

DRAINAGE AREA.--0.37 mi^2.

PERIOD OF RECORD.--January 1965 to current year (thrice weekly), incomplete.

GAGE.--Nonrecording gage. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to Jan. 10, 1973, at site 1,400 ft northwest on northwest shore of lake at same datum.

REMARKS.--Lake has no surface outlet.

COOPERATION.--Elevations provided by Southwest Florida Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 41.26 ft, Sept. 8, 28, 2004; minimum observed, 33.60 ft, June 20, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum elevation observed, 41.09 ft, Oct. 1 ; minimum observed, 38.88 ft, May 30.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY INSTANTANEOUS VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41.09	40.42	40.16	---	---	---	39.74	---	39.06	39.47	39.69	---
2	---	---	---	---	39.70	39.61	---	39.40	---	---	---	39.65
3	---	40.38	40.14	39.85	---	---	---	---	39.05	---	39.65	---
4	41.00	---	---	---	39.71	39.61	39.74	39.38	---	39.53	---	---
5	---	40.33	---	39.84	---	---	---	---	---	---	39.61	39.58
6	40.93	---	40.08	---	---	---	39.70	39.43	39.00	39.47	---	---
7	---	---	---	39.82	39.68	39.58	---	---	---	---	---	39.55
8	40.85	40.29	40.08	---	---	---	39.67	---	38.95	39.44	39.57	---
9	---	---	---	---	39.65	39.58	---	39.40	---	---	---	39.50
10	---	40.23	40.07	39.79	---	---	---	---	39.10	---	39.54	---
11	40.78	---	---	---	39.62	39.57	39.64	39.35	---	39.56	---	---
12	---	40.20	---	39.77	---	---	---	---	---	---	39.50	39.40
13	40.74	---	40.06	---	---	---	39.59	39.32	39.32	39.65	---	---
14	---	---	---	39.92	39.59	39.55	---	---	---	---	---	39.37
15	40.70	40.17	40.02	---	---	---	39.56	---	39.27	39.64	39.55	---
16	---	---	---	---	39.56	39.64	---	39.25	---	---	---	39.32
17	---	40.13	39.99	39.91	---	---	---	---	39.24	---	39.53	---
18	40.64	---	---	---	39.53	39.71	39.46	39.18	---	---	---	---
19	---	40.09	---	39.88	---	---	---	---	---	---	39.57	39.25
20	40.60	---	39.93	---	---	---	39.42	39.14	39.19	---	---	---
21	---	---	---	39.84	39.47	39.71	---	---	---	---	---	39.21
22	40.57	40.07	39.91	---	---	---	39.38	---	39.15	---	39.66	---
23	---	---	---	---	39.47	39.76	---	39.06	---	---	---	39.18
24	---	40.04	39.89	39.82	---	---	---	---	39.35	---	39.69	---
25	40.53	---	---	---	39.47	39.76	39.32	39.02	---	39.81	---	---
26	---	40.19	---	39.78	---	---	---	---	---	39.80	39.65	39.11
27	40.50	---	39.90	---	---	---	39.46	38.97	39.29	---	---	---
28	---	---	---	39.76	39.65	39.82	---	---	---	---	---	39.08
29	40.46	40.17	39.89	---	---	---	39.43	---	39.44	39.75	39.65	---
30	---	---	---	---	---	39.76	---	38.88	---	---	---	39.22
31	---	---	39.87	39.74	---	---	---	---	---	---	39.66	---

INDEX TO INTRODUCTORY TEXT OF THIS REPORT

Conversion Factors

Multiply	By	To obtain
	Length	
inch (in.)	2.54×10^{1}	millimeter (mm)
	2.54×10^{-2}	meter (m)
foot (ft)	3.048×10^{-1}	meter (m)
mile (mi)	1.609×10^{0}	kilometer (km)
	Area	
acre	4.047×10^{3}	square meter (m^2)
	4.047×10^{-1}	square hectometer (hm^2)
	4.047×10^{-3}	square kilometer (km^2)
square mile (mi^2)	2.590×10^{0}	square kilometer (km^2)
	Volume	
gallon (gal)	3.785×10^{0}	liter (L)
	3.785×10^{-3}	cubic meter (m^3)
	3.785×10^{0}	cubic decimeter (dm^3)
million gallons (Mgal)	3.785×10^{3}	cubic meter (m^3)
	3.785×10^{-3}	cubic hectometer (hm^3)
cubic foot (ft^3)	2.832×10^{-2}	cubic meter (m^3)
	2.832×10^{1}	cubic decimeter (dm^3)
cubic-foot-per-second day [(ft^3/s) d]	2.447×10^{3}	cubic meter (m^3)
	2.447×10^{-3}	cubic hectometer (hm^3)
acre-foot (acre-ft)	1.233×10^{3}	cubic meter (m^3)
	1.233×10^{-3}	cubic hectometer (hm^3)
	1.233×10^{-6}	cubic kilometer (km^3)
	Flow	
cubic foot per second (ft^3/s)	2.832×10^{1}	liter per second (L/s)
	2.832×10^{-2}	cubic meter per second (m^3/s)
	2.832×10^{1}	cubic decimeter per second (dm^3/s)
gallon per minute (gal/min)	6.309×10^{-2}	liter per second (L/s)
	6.309×10^{-5}	cubic meter per second (m^3/s)
	6.309×10^{-2}	cubic decimeter per second (dm^3/s)
million gallons per day (Mgal/d)	4.381×10^{-2}	cubic meter per second (m^3/s)
	4.381×10^{1}	cubic decimeter per second (dm^3/s)
	Mass	
ton (short)	9.072×10^{-1}	megagram (Mg) or metric ton

Temperature in degrees Celsius (°C) may be converted to degrees Fahrenheit (°F) as follows:

$°F = (1.8 \times °C) + 32$

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