Water Resources Data New Jersey Water Year 2005

Volume 2. Ground-Water Data

By Walter D. Jones

Water-Data Report NJ-05-2

Prepared in cooperation with the State of New Jersey
and with other agencies

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

U.S. Department of the Interior
P. Lynn Scarlett, Acting Secretary

U.S. Geological Survey
P. Patrick Leahy, Acting Director

2005

U.S. Geological Survey
Water Resource Division
Mountain View Office Park
810 Bear Tavern Road, Suite 206
West Trenton, New Jersey 08628
609-771-3900

Information about the USGS, New Jersey District is available on the Internet at http://nj.usgs.gov

Information about all USGS reports and products is available by calling 1-888-ASK-USGS or on the Internet via the World Wide Web at http://www.usgs.gov/

Additional earth science information is available by accessing the USGS home page at http://www.usgs.gov/

PREFACE

This volume of the annual hydrologic data report of New Jersey is one of a series of annual reports that document hydrologic data gathered from 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 water quality 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 New Jersey are contained in 3 volumes:

Volume 1. Surface-Water Data
Volume 2. Ground-Water Data
Volume 3. Water-Quality Data

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, and who typed, edited, and assembled the report. The authors had primary responsibility for assuring that the information contained herein is accurate, complete, and adheres to Geological Survey policy and established guidelines. The following individuals contributed significantly to the completion of the report.

Darryl A. Pope

M.D. Morgan word processed the text of the report, and W.H. Ellis, G.L. Simpson, and D.K. Sun prepared the illustrations.

The data were collected, computed, and processed by the following U.S. Geological Survey personnel:

R.W. Edwards	N.A. Liu	N.P. Smith
W.D. Jones	R. Rosman	D.A. Storck

This report was prepared in cooperation with the State of New Jersey and with other agencies under the supervision of Robert G. Reiser, Chief of the Hydrologic Data Assessment Program; under the general supervision of David A. Stedfast, Associate District Chief; Richard H. Kropp, District Chief, New Jersey; and Catherine L. Hill, Regional Hydrologist, Northeastern Region.

REPORT DOCUMENTATION PAGE

Form Approved
OMB No. 0704-0188

1. **AGENCY USE ONLY (Leave Blank)**	2. **REPORT DATE**	3. **REPORT TYPE AND DATES COVERED**
	March 2006	Annual--Oct. 1, 2004 to Sept. 30, 2005

4. **TITLE AND SUBTITLE**

Water Resources Data - New Jersey, Water Year 2005, Volume 2

5. **FUNDING NUMBERS**

6. **AUTHOR(S)** Walter D. Jones

7. **PERFORMING ORGANIZATION NAMES(S) AND ADDRESS(ES)**

U.S. Geological Survey, Water Resources Division
Mountain View Office Park
810 Bear Tavern Road, Suite 206
West Trenton, NJ 08628-1099

8. **PERFORMING ORGANIZATION REPORT NUMBER**

USGS-WDR-NJ-05-2

9. **SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)**

U.S. Geological Survey, Water Resources Division
Mountain View Office Park
810 Bear Tavern Road, Suite 206
West Trenton, NJ 08628-1099

10. **SPONSORING/MONITORING AGENCY REPORT NUMBER**

USGS-WDR-NJ-05-2

11. **SUPPLEMENTARY NOTES**

Prepared in cooperation with the State of New Jersey and with other agencies.

12a. DISTRIBUTION/AVAILABILITY STATEMENT

No restriction on distribution. This report may be purchased from National Technical Information Service, Springfield, Virginia 22161

12b. DISTRIBUTION CODE

13. ABSTRACT (Maximum 200 words)

Water-resources data for the 2005 water year for New Jersey are presented in three volumes, and consists of 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 ground water. Volume 2 contains a summary of the hydrologic conditions for 2005 water year; a listing of current water resource projects in New Jersey; a bibliography of water-related reports, articles, and fact sheets completed by the Geological Survey in recent years; records of ground-water levels from 214 wells; and a table of discontinued observation wells for which ground-water-level data are available. The locations of the ground-water level sites are shown on figure 4. These data represent that part of the National Water Data System operated by the U.S. Geological Survey and cooperating Federal, Sate, and local agencies in New Jersey.

12. **SUBJECT TERMS**

New Jersey, *Hydrologic data, *Ground water, Water levels

13. **NUMBER OF PAGES** 260

14. **PRICE CODE**

15. **SECURITY CLASSIFICATION OF REPORT**	16. **SECURITY CLASSIFICATION OF THIS PAGE**	17. **SECURITY CLASSIFICATION OF ABSTRACT**	18. **LIMITATION OF ABSTRACT**
Unclassified			Unclassified

CONTENTS

ILLUSTRATIONS

TABLES

GROUND WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED IN THIS VOLUME

GROUND-WATER LEVEL RECORDS

GROUND WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED IN THIS VOLUME

GROUND-WATER LEVEL RECORDS

GROUND WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED IN THIS VOLUME

GROUND-WATER LEVEL RECORDS

GROUND WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED IN THIS VOLUME

GROUND-WATER LEVEL RECORDS

GROUND WATER WELLS, BY COUNTY, FOR WHICH RECORDS ARE PUBLISHED IN THIS VOLUME

GROUND-WATER LEVEL RECORDS

INTRODUCTION

The Water Resources Division of the U.S. Geological Survey, in cooperation with State agencies, gathers a large amount of data pertaining to the water resources of New Jersey 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 - New Jersey."

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 ground-water. Volume 2 contains records of ground-water levels in 214 wells. Locations of these wells are shown on figure 4. These data represent that part of the National Water Data System collected by the U.S. Geological Survey and cooperating State and Federal agencies in New Jersey.

This series of annual reports for New Jersey 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. For the 1975 through 1989 water years, 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. Beginning with the 1977 water year, these data were published in two volumes. Beginning with the 1990 water year, the report format was changed to include surface-water and surface-water-quality data in Volume 1 and ground-water-level and ground-water-quality data in Volume 2. Beginning in the 1998 water year, the format changed to include surface-water discharge records in Volume 1, ground-water level records in Volume 2, and surface-water and ground-water quality records in Volume 3.

Prior to introduction of this series and for several water years concurrent with it, water-resources data for New Jersey 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, Part 1B." 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 the U.S. Geological Survey, Branch of Information Services, Box 25286, Denver, Colorado, 80225-0286.

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 NJ-05-2." For archiving and general distribution, the reports for 1971-74 water years also are identified as water-data reports.

The U.S. Geological Survey, New Jersey District, maintains a World Wide Web site which has information on New Jersey District activities and water-resource related links.

http://nj.usgs.gov

Additional information may be obtained from the District Chief at the address given on the back of the title page or by telephone (609) 771-3900.

COOPERATION

This report was prepared by the U.S. Geological Survey under cooperative agreement with the following organizations:

New Jersey Department of Environmental Protection, Lisa P. Jackson, Commissioner.
County of Gloucester, Charles E. Romick, Director of Planning.
Atlantic Highlands Water Department, Robert Dougherty, Superintendent.
Medford Township Department of Municipal Utilities, Michael Achey, Sr., Director.
Washington Township Municipal Utilities Authority, Angela Grassia, Executive Director.
Evesham Municipal Utilities Authority, Louis Russo, Executive Director

SUMMARY OF HYDROLOGIC CONDITIONS

Ground-Water Levels

Ground water is one of the Nation's most important natural resources. It provides about 40 percent of our Nation's public water supply. Currently, more than one-half of New Jersey's drinking water is supplied by over 300,000 wells that serve more than 4 million people. (John P. Nawyn, U. S. Geological Survey, written commun., 2004). New Jersey's population is projected to grow by over a million people by 2030 (U.S.Census Bureau, accessed on the Word Wide Web at www.census.gov on March 2, 2006). As demand for water increases, managing the development and use of the ground-water resource is of paramount importance so that the supply can be maintained for an indefinite time without causing unacceptable environmental, economic, or social consequences.

The U.S. Geological Survey (USGS) has operated a network of observation wells in New Jersey since 1923 for the purpose of monitoring ground-water-level changes throughout the State. Long-term systematic measurement of water levels in observation wells provides the data needed to evaluate changes in the ground-water resource over time. Records of ground-water levels are used to evaluate the effects of climate changes and water-supply development, to develop ground-water models, and to forecast trends.

During 2005, ground-water levels were measured in 214 wells: 159 wells were equipped for continuous water-level monitoring, and 55 wells were measured manually from two to six times per year. Water-level data from 25 wells in the pinelands region are included in this report. These data are being collected for a study of ground water/surface water interaction in the pinelands region of southern New Jersey.

The USGS, in cooperation with the New Jersey Department of Environmental Protection (NJDEP), established a Drought Monitoring Network in 2001. The Drought Monitoring Network, which is one part of the Ground-Water-Level Network, was created to provide data to indicate water-level trends in shallow ground-water systems. Satellite telemetry has been added to 20 wells with continuous recorders in order to make the data available in the shortest time possible. In addition, the frequency of measurements has been increased at 20 additional wells in order to provide better aerial and hydrologic coverage of the hydrologic conditions statewide. The NJDEP drought website can be accessed at www.nj.drought.org.

The USGS Fact Sheet FS-129-02 "Real-Time Ground-Water Level Monitoring in New Jersey" (Jones and others, 2002) describes the ground-water-level satellite telemetry segment of the Drought Monitoring Network in more detail. Historical ground-water data for New Jersey can be accessed on the World Wide Web pages of the USGS at http://waterdata.usgs.gov/nj/nwis/gw. Real-time data from a National Ground Water Climate Response Network, which includes the 20 real-time equipped wells in New Jersey, can be accessed at http://groundwaterwatch.usgs.gov/.

The 45 wells with more than two years of data in which water-levels exceeded their previous measured extremes (highest or lowest water levels) are listed in Table 1. Previous record low water levels were exceeded in 18 of the 214 wells in the statewide observation-well network during the 2005 water year. Fourteen of the record low water levels were in wells located in the Coastal Plain; four were in the northern part of the State. Ten of these record low levels were the result of increasing withdrawals from wells that tap two confined aquifers-- the Atlantic City 800- foot sand of the Kirkwood Formation and the Piney Point aquifer in the southern part of the State. Previous record high water levels were exceeded in 27 network observation wells during the 2005 water year.

New Jersey's average annual precipitation ranges from about 40 inches along the southeastern coast to 51 inches in the north-central part of the State. Statewide, the annual mean precipitation is 47.2 inches per water year based on precipitation during 1971-2000 (N.J. State Climatologist, Rutgers University, New Jersey, unpub. data, accessed Feb. 14, 2005, on the World Wide Web at URL http://climate.rutgers.edu). Water levels in wells completed in unconfined and fractured rock aquifers are directly related to the amount of annual precipitation, which was more than 7 inches below average during the 2005 water year. The highest ground-water levels of the year in many wells occurred during the first week of April after a period of above average rain and snow. Ground-water levels declined from June through September in response to above normal temperatures, with August and September being the warmest and driest 2-month period on record.

The effects of climate on daily mean water levels in six observation wells during water year 2005 can be seen in the hydrographs shown in figure 1. These wells are all part of the USGS- NJDEP Drought Monitoring Network. Monthly extreme and long-term average water levels are shown for comparison. The Taylor, Readington 11, and Cranston Farms 15 observation wells (NJ-WRD well numbers 37-202, 19-270, and 21-364) which are open

to fractured-rock aquifers, had below average water levels for the period from April through September. The Morrell 1, Lebanon State Forest 23-D, and Vocational School 2 observation wells (NJ-WRD well numbers 23-104, 5-689, and 11-42) tap unconfined sand and gravel aquifers. Water levels in wells tapping the Kirkwood-Cohansey aquifer declined from April through September but remained in the normal range.

Water levels in most wells that tap unconfined aquifers in the Coastal Plain exhibit the effects of recent climate patterns. Water levels in these wells, in general, are similar regardless of which aquifer the wells are completed in. The low water levels in 1995, 1998, 1999, 2001, and 2002 are the result of dry years, and the high water levels in 2003, 2004, and the first 6 months of 2005 are the result of the recent wet years. In many of these wells, water levels dropped in the last 6 months of 2005 because of the dry conditions. In shallower wells, water levels were approaching levels seen in the 2002 drought year by the end of the 2005 water year.

For wells that tap fractured rock aquifers and stratified drift deposits in northern New Jersey, trends in water levels are not as similar as those for wells that tap the Coastal Plain unconfined aquifers. During water year 2005, water levels in many observation wells tapping stratified drift aquifers in Essex and southeast Morris Counties rose to their highest level in the last 10 years. Most notable was the water level in the Briarwood School well (27-12) where the level rose more than 11 feet from Oct. 2003 to May 2005. In other stratified drift aquifers in Sussex, and western Morris Counties, water levels in most wells dropped in response to the dry conditions to levels approaching those observed in 2002. Record low water levels were observed in the Roxbury 1 obs well (27-1191).

Water levels in the confined aquifers in the Coastal Plain of New Jersey have been reacting to changes in withdrawals over the past 10 years. In 1986, NJDEP designated two “Critical Water-Supply Management Areas” in the New Jersey Coastal Plain. (See figure 2.) This designation was initiated as a result of concern about long-term declines in ground-water levels in these areas where ground water is the primary source of water supply. Ground-water withdrawals from specified aquifers in these areas were reduced, and new allocations may be limited. In Critical Area 1, withdrawals from the Wenonah-Mount Laurel aquifer, Englishtown aquifer system, and Upper and Middle Potomac-Raritan-Magothy aquifers are restricted. In Critical Area 2, withdrawals from the Potomac-Raritan-Magothy aquifer system have been restricted since 1996.

Table 1. Water-level records set during the 2005 water year, in observation wells with more than 2 years of data

NJ-WRD well number	Local identifier	Aquifer[1] code	Lowest water-level, in feet below land surface	Value by which previous record low was exceeded, in feet	Year record began
		Record Lows in the Coastal Plain of New Jersey			
291419	MW61	121CKKD	10.42	0.33	2003
010180	Oceanville 1 Obs	122KRKDL	78.28	1.26	1959
010703	FAA Pomona Obs	122KRKDL	103.88	3.54	1985
090302	Coast Guard 800	122KRKDL			
090306	Oyster 800 Obs	122KRKDL	30.17	0.26	1990
010834	Margate Firehouse Obs	124PNPN	41.68	0.54	1988
011219	Hamilton Twp 9 Obs	124PNPN	86.52	0.53	1996
110044	Vocational School 3 Obs	124PNPN	131.95	28.83	1972
110096	Jones Island 2 Obs	124PNPN	56.00	10.96	1972
110163	Fair Grounds 3 Obs	124PNPN	106.68	14.17	1973
291210	Great Bay Blvd 1 Obs	124PNPN	23.31	0.31	1997
250771	Sandy Hook 2 Obs	211EGLS	10.96	0.03	1997
290140	Colliers Mills 3 Obs	211MLRW	29.22	1.05	1964
051391	Coyle 2 Obs (OW96)	211MRPAU	214.54	1.09	1997
		Record Lows in Northern New Jersey			
271191	Roxbury 1 Obs	112SFDF	53.54	1.20	1989
030289	Saddle River 17 Obs	227PSSC	7.48	0.86	1991
350138	MW110	227PSSC	11.23	1.12	2003
350139	MW109	227PSSC	23.45	4.44	2003

Table 1. Water-level records set during the 2005 water year, in observation wells with more than 2 years of data--Continued

NJ-WRD well number	Local identifier	Aquifer[1] code	Highest water-level, in feet below land surface	Value by which previous record high was exceeded, in feet	Year record began
		Record Highs in the Coastal Plain of New Jersey			
290503	Mantoloking 6 Obs	211EGLS	63.02	1.77	1983
250486	DOE-Sea Girt Obs	211MLRW	60.13	0.53	1984
250637	Howell Twp 3 Obs	211MLRW	86.98	1.10	1987
070283	Egbert Obs	211MRPAL	58.56	3.37	1963
150671	Deptford Deep Obs	211MRPAL	72.57	3.65	1986
150712	Stefka 1 Obs	211MRPAL	11.37	0.86	1987
150742	Mantua Deep Obs	211MRPAL	103.78	1.44	1986
150772	National Park #3-ow-al	211MRPAL	17.43	1.92	2000
150713	Stefka 2 Obs	211MRPAM	6.92	0.46	1987
150774	National Park #4-ow-am	211MRPAM	8.12	1.95	2000
150728	Stefka 4 Obs	211MRPAU	5.63	0.45	1987
150741	Mantua Shallow Obs	211MRPAU	107.93	0.98	1987
150773	National Park #5-ow-au	211MRPAU	5.30	1.45	2000
330841	Parvin Sp 1 Obs	211MRPAU	118.00	0.62	1997

NJ-WRD well number	Local identifier	Aquifer[1] code	Highest water-level, in feet below land surface	Value by which previous record high was exceeded, in feet	Year record began
		Record Highs in Northern New Jersey			
130095	Christ Church 2	112SFDF	111.09	3.22	1991
130096	East Orange Shallow Obs	112SFDF	31.51	6.91	1991
270001	Recreation Fld Obs	112SFDF	63.84	1.46	1967
370207	Walpack Twp 4 Obs	112SFDF	22.23	0.06	1991
410387	MW82	112SFDF	2.11	0.69	2003
030289	Saddle River 17 Obs	227PSSC	-3.16	1.29	1991
210365	AT&T North Obs	227PSSC	7.74	0.20	1987
350138	MW110	227PSSC	1.89	1.43	2003
210028	Civil Defense Obs	231LCKG	13.26	0.34	1964
370202	Taylor OBS	351BDVL	9.19	0.47	1988
410349	Blairstown 1 Obs	361MRBG	2.73	0.05	1999
370203	Whittingham 19 Obs	371ALNN	10.41	0.35	1991
370359	PW-1 Obs	400PCMB	9.37	0.27	1994

[1]AQUIFER CODES:
112SFDF -Stratified drift
121CKKD -Kirkwood-Cohansey aquifer system
122KRKDL -Atlantic City 800-foot sand of the Kirkwood Formation
124PNPN -Piney Point Formation
211EGLS -Englishtown aquifer system
211MLRW -Wenonah-Mount Laurel aquifer
211MRPAU -Upper Potomac-Raritan-Magothy aquifer
211MRPAL -Lower Potomac-Raritan-Magothy aquifer
211MRPAM -Middle Potomac-Raritan-Magothy aquifer
227PSSC -Passaic Formation
231LKCKG -Lockatong Formation
351BDVL -Bossardville limestone
361MRBG -Martinsburg shale
371ALNN -Allentown Dolomite

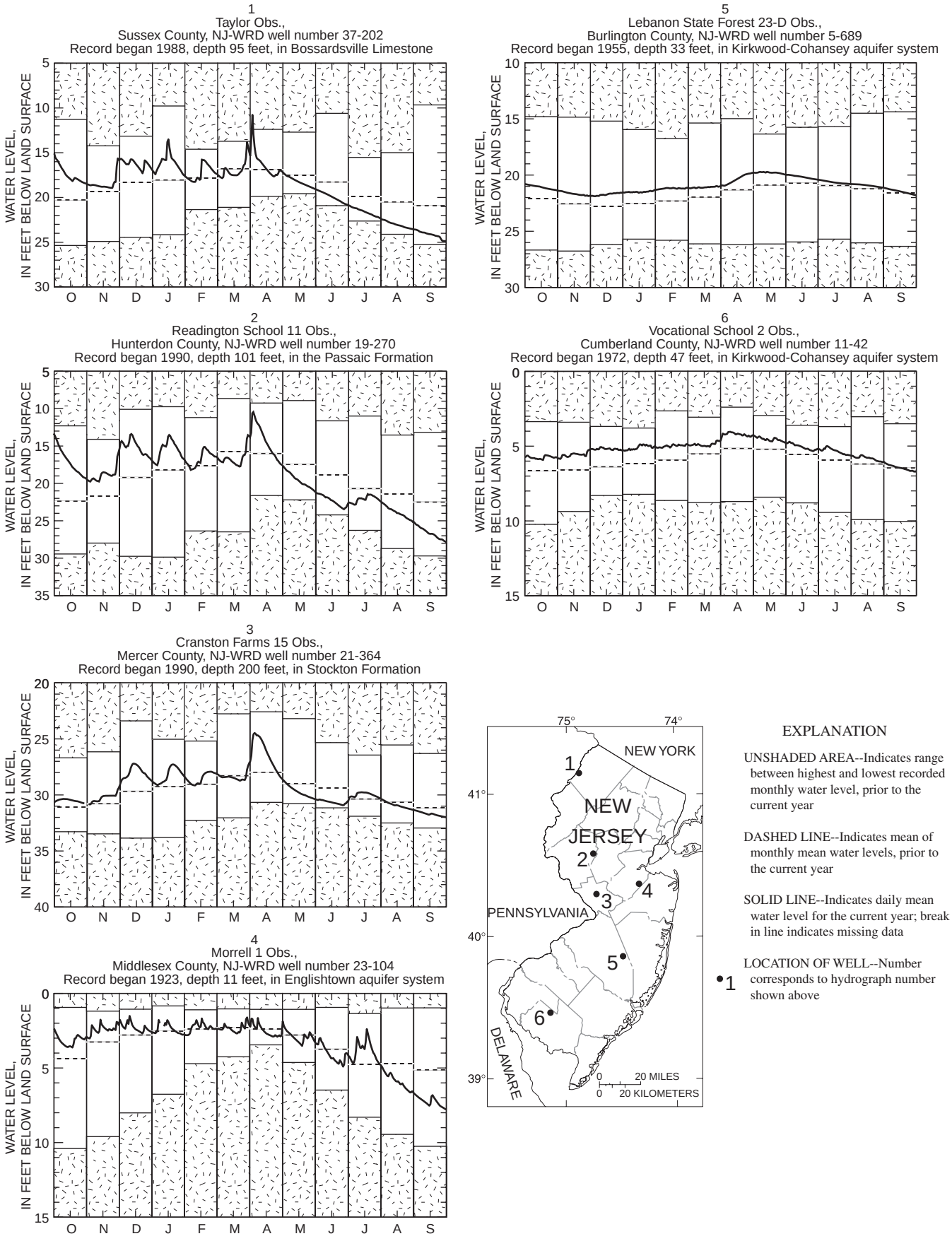


Figure 1. Ground-water levels at six observation wells--New Jersey--2005 water year.

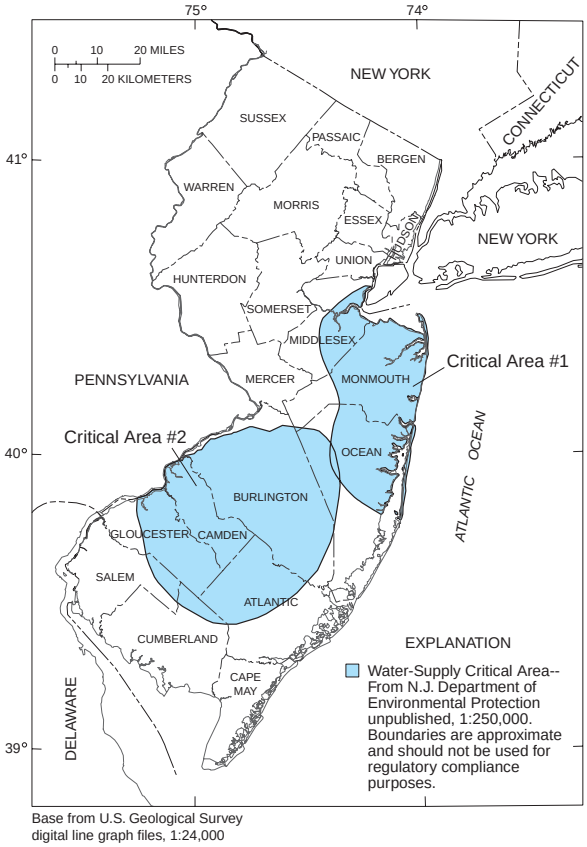


Figure 2. Location of Water-Supply Critical Areas in New Jersey. These areas were designated to help control the decline in water levels in some of the confined aquifers. (From Watt, 2000)

In Critical Area 1, water levels rose dramatically in wells completed in the Potomac- Raritan-Magothy aquifer system, Englishtown aquifer system, and Wenonah-Mount Laurel aquifer from 1991 to 1998. This rise in water levels was the result of the reduction in ground-water withdrawals from deep, confined aquifers; an increase in withdrawals from shallower aquifers; and a shift in withdrawals from ground-water to surface-water sources. In Critical Area 2, the shift in withdrawals away from the deeper, confined aquifers to surface water and ground water in shallower, confined and unconfined aquifers began in 1996. As a result, beginning in 1996 water levels rose in many observation wells screened in the Potomac-Raritan-Magothy aquifer system in Critical Area 2.

Water levels measured in confined aquifers in the Coastal Plain in water year 2005, together with those measured during previous years, show the effects of the Critical Area cutbacks and changes in ground-water withdrawal patterns. Although water levels in these confined aquifers generally are not affected by climatic conditions (except near the aquifer outcrop areas) some wells exhibit low water levels in dry years (1999 and 2002). These low levels probably are due to increased demand during dry years. Changes in water levels in each of the confined aquifers in the Coastal Plain are summarized in the following paragraphs.

Water levels in the confined Cohansey aquifer in Cape May County have been relatively constant (slight long-term decline of 2-5 feet over the past 10 years) in wells in the northern part of the county. In wells in the southern part of the county (9-48, 9-49, and 9-150), water levels have recovered as much as 5 feet since 1999 as a result of a reduction in withdrawals related to the use of a desalinization plant in Cape May City, which has provided water for public supply since 1998.

Water levels in the Atlantic City 800-foot sand have been affected by withdrawals for the desalination plant. Water levels in the Coast Guard 800 observation well (NJ-WRD well number 9- 302) have declined more than 10 feet since 1998, and water levels in two wells located north of the desalinization plant (9-306 and 9-337) have declined 2 to 4 feet since 1998. In Atlantic County, water levels in two wells have been relatively stable over the past 5 years (1-578, and 1- 702). Two wells, one in Galloway Township and one in Egg Harbor Township, exceeded their previous low of record (01-180 and 01-0703).

Water levels in the Piney Point aquifer throughout much of the southern part of the State continue to decline. Steady declines of 3 to 10 feet have occurred over the past 10 years in several wells completed in the Piney Point aquifer (1-834, 1-1219, and 29-1210). Water levels in three wells in Cumberland County declined from 13 to 43 feet between December 2003 and September 2005 (11-44, 11-96, and 11-163) as a result of increased withdrawals in the area. Water levels in the aquifer in parts of Ocean and Burlington Counties have been relatively stable (5-407, 5- 676, and 29-425).

Water levels in the Vincentown aquifer have remained stable over the past 10 years. Water levels in two wells located near the outcrop of the aquifer (5-1250 and 25-636) decline 1 to 3 feet during periods of drought.

Water levels in the Wenonah-Mount Laurel aquifer in parts of Burlington, Camden, Gloucester, and Salem Counties had been declining over the last several years but leveled off during 2002-05 (5-1155, 5-1387,and 7-478). The greatest long-term water-level decline in a confined aquifer observation well has occurred in the New Brooklyn Park 3 observation well (07- 478), which is screened in the Wenonah-Mount Laurel aquifer in Camden County. The water level in this well declined more than 86 feet from December 1962 to December 2001 but recently has leveled off. Water levels in the northern part of the aquifer leveled off in the late 1990's after recovering as a result of Critical Area 1 withdrawal cutbacks. Water levels in two wells in Monmouth County set record highs during the 2005 water year (25-486 and 25-637).

Water levels in observation wells that tap the Englishtown aquifer system recovered and seemed to have leveled off during recent years in the northern part of the aquifer as a result of Critical Area 1 withdrawal cutbacks (25-715, 29-138, and 29-530). Water levels in wells in southern Monmouth and northern Ocean Counties rose during the 2005 water year (25-429 and 29-503). The water level in the Toms River 2 Obs well (29-534) in central Ocean County has risen by over 25 feet over the past 10 years. Water levels in the Englishtown aquifer system have been recovering since 2003 at two wells in Burlington County (5-259 and 5-1390).

Water levels in the Potomac-Raritan-Magothy aquifer system have been affected by cutbacks in withdrawals in both Critical Areas. Water levels recovered through the late 1990's in the northern part of the aquifer system as a result of the decreased withdrawals in Critical Area 1 but have declined slightly in recent years at several wells (25-272, 25-639, 29-85). In the vicinity of Critical Area 2 (Burlington, Camden, and Gloucester Counties), water levels began rising in 1996. A continuation of that slow recovery can be seen in water-level hydrographs of 19 wells (5- 63, 5-258, 5-261, 5-262, 5-645, 5-683, 7-117, 7-283, 7-412, 7-413, 7-476, 7-477, 15-671, 15-741, 15-742, 15-772, 15-773, 33-187 and 33-841) in Critical Area 2.

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

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 THE RECORDS

The ground-water level data published in this report are for the 2005 water year that began October 1, 2004, and ended September 30, 2005. A calendar of the water year is provided on the inside of the front cover. The locations of the wells where data were collected are shown in figure 4. The following sections of the introductory text are presented to provide users with a more detailed explanation of how the hydrologic data published in this report were collected, analyzed, computed, and arranged for presentation.

Station Identification Numbers

Each well in this report is assigned a unique identification number. This number is unique in that it applies specifically to a given well and to no other. The number is assigned when a well is first established and is retained for that well indefinitely. The latitude-longitude system used by the U.S. Geological Survey to assign identification numbers to ground-water well sites is based on geographic location.

Latitude-Longitude System

The identification numbers for wells are assigned according to the grid system of latitude and longitude. The number consists of 15 digits. The first six digits denote the degrees, minutes, and seconds of latitude; the next seven digits denote degrees, minutes, and seconds of longitude; and the last two digits (assigned sequentially) identify the wells within a 1-second grid. This site-identification number, once assigned, is a pure number and has no locational significance. In the rare instance where the initial determination of latitude and longitude are found to be in error, the well will retain its initial identification number; however, its true latitude and longitude will be listed in the LOCATION paragraph of the station description.

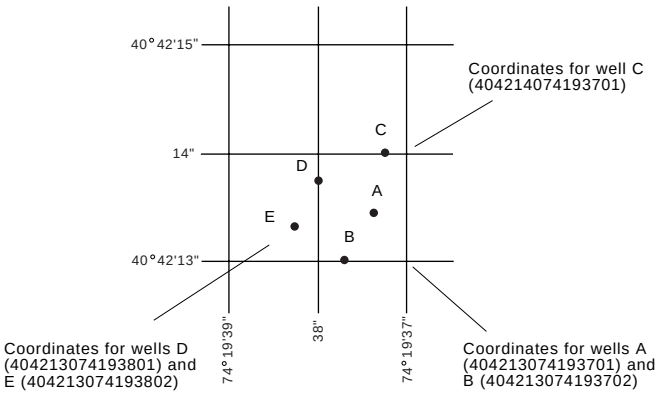


Figure 3. System for numbering wells and miscellaneous sites (latitude and longitude)

Records of Ground-Water Levels

Water-level data from the New Jersey Observation-Well Network and other current ground water projects are given in this report. These data are intended to provide a historical record of water-level changes in the State's most important aquifers. The locations of these wells are shown in figure 4.

Data Collection and Computation

Measurements of water levels are made in many types of wells under varying conditions. The methods of measurement are standardized to incorporate continuous precision. The equipment and measuring techniques used at each well ensure that measurements are of consistent accuracy and reliability.

Water-level data are presented by counties arranged in alphabetical order. The primary identification number for a given well is the NJ-WRD well number, a hyphenated 6 digit identification number assigned to all New Jersey wells in the Ground Water Site Inventory (GWSI) data base. The first two digits are a code for the county in which the well is located and the last four digits are a sequence number. These NJ-WRD well numbers are used in the ground-water level descriptions, and on the corresponding location maps in this report. The secondary identification number for a given well is the 15-digit number described in the previous section. Where available, New Jersey Water Allocation Permit Numbers are included as an additional identifier.

Water levels are measured manually using a steel tape at regular time intervals. Many wells are equipped with water-level recorders or pressure transducer-data logger combinations to observe daily fluctuations in water level.

Water-level measurements in this report are given in feet with reference to land-surface datum (lsd). Land-surface datum is a datum plane that is approximately at land surface at each well. The altitude of the land-surface and the height of the measuring point (MP) above or below land-surface are given in each well description.

Data Presentation

Each water-level record consists of three parts: the well description, the data table of water levels observed during the current water year, and a hydrograph of the water levels for a selected time period including the current water year. The comments to follow clarify information presented under the various headings of the well description.

LOCATION.--This paragraph follows the well-identification number and reports the latitude and longitude (given in degrees, minutes, and seconds); the hydrologic-unit number; a description of the location; and the owner's name. Horizontal coordinate information is referenced to North American Datum of 1983 (NAD83). The hydrologic unit number is a code for the river basin where the well is located (U.S. Geological Survey, 1974: Hydrologic Unit Map).

AQUIFER.--This entry designates by name and geologic age the aquifer(s) open to the well.

WELL CHARACTERISTICS.--This entry describes the well in terms of depth, diameter of screened interval or open hole segment, method of construction, use, and additional information known about the physical characteristics of the well.

INSTRUMENTATION.--This paragraph provides information on both the frequency of measurement and the collection method used, allowing the user to better evaluate the reported water-level extremes by knowing whether they are based on continuous, monthly, or some other frequency of measurement.

DATUM.--This entry describes both the measuring point and the land-surface altitude at the well. The measuring point is described physically (such as top of coupling, top of recorder shelf, plug in pump base and so on), and in relation to land surface (such as 1.3 ft. above land-surface). The altitude of the land-surface is described in feet above National Geodedic Vertical Datum of 1929 (NGVD of 1929); it is reported with a precision depending on the method of determination.

REMARKS.--This entry describes factors that may influence the water level in a well or the measurement of the water level. It may give other important data relevant to the well site.

PERIOD OF RECORD.--This entry indicates the time period for which there are records for the well. It reports the month and year of the start of collection of water-level records by the U.S. Geological Survey and the words "to current year" if the records are to be continued into the following year. Periods for which water-level records are available, but are not published by the Geological Survey, are noted.

EXTREMES FOR PERIOD OF RECORD.--This entry identifies the highest and lowest instantaneously recorded or measured water levels during the period of record, with respect to land-surface datum, and the dates of occurrence.

A table of water levels follows the station description for each well. Water levels are reported in reference to land surface datum. For wells not equipped with continuous recorders, the table lists the water levels and measurement dates. For wells equipped with continuous recorders, only abbreviated tables are published. Daily mean water-levels are listed for every fifth day and at the end of the month (eom). The highest and lowest daily mean water levels of the water year and their dates of occurrence are shown on a line below the abbreviated table. Because all values are not published for wells with recorders, the extremes may be values that are not listed in the table. Missing records are indicated by dashes in place of the water level.

A hydrograph for a selected period of record follows each water-level table. One of two types of hydrographs is shown depending on the method of data collection. For wells equipped with continuous recorders, daily mean water levels are plotted as continuous line graphs. Wells without recorders have a scatter plot which shows each individual water level measurement. Trend lines may be shown on the graphs. The trend line may be interpreted as a general direction of water-level movement. Actual water levels may deviate from this line. Some hydrographs may contain both periodic and continuous data.

CURRENT WATER-RESOURCES PROJECTS IN NEW JERSEY

The Geological Survey is currently involved in a number of hydrologic investigations in the State of New Jersey. The following is a list of these investigations. Results are published at the conclusion of short-term projects or periodically in the case of long-term projects. Hydrologic data from these projects are entered into the NWIS data base.

An application to integrate GIS and database processing steps for conducting public supply susceptibility assessments

Delaware River Basin National Water Quality Assessment

Determination of the hydrologic and ecological effects of ground-water diversions from the Kirkwood-Cohansey aquifer system in the Pinelands area

Determining impacts on Special Protection Waters in the Delaware Water Gap National Recreation Area

EPA Technical Assistance Program

Evaluation of the changes in hydrology and ground- and surface-water quality in an urban wetland as part of a wetlands restoration effort

Flood characteristics of New Jersey streams

Flow characteristics and Basis for development of ecological goals for New Jersey streams

Geohydrology of the Naval Air Warfare Center, West Trenton, New Jersey

Ground-water data collection network

Ground-water levels and chloride concentrations in major aquifers of the Coastal Plain

Ground-water supply availability in southern Ocean County

Head of tide sampling program for the New Jersey Harbor Toxic Contaminant Assessment Reduction Program

Hydrogeologic investigation to ensure sustainable water supply for Cape May County

Identification of sources of arsenic to the Wallkill River Watershed

Investigation of hydrogeology and volatile organic compound contamination in Fair Lawn, New Jersey

Investigation of hydrogeology and volatile organic compound contamination in the Pohatcong Valley, New Jersey

Investigation of potential threats to water supply from the Potomac-Raritan-Magothy Aquifer in Salem and western Gloucester Counties, New Jersey

Lower Delaware non-point source

Low-flow characteristics of New Jersey streams

Methodology for estimating flood magnitude and frequency of flood for New Jersey streams.

Modeling and experimental investigation of hydrocarbon transport and biodegradation in the unsaturated zone

Movement of chromium in the ground water of Pennsauken Township, Camden County

New Jersey Drought Monitoring System

New Jersey-Long Island National Water Quality Assessment

New Jersey Tide Telemetry System

Occurrence and distribution of trace level organics in waste water and streams

Pascack Brook Flood Warning System

Passaic Flood Warning System

Passaic River Basin Flow Model

Program to maintain and update ground-water models to evaluate continued water-supply development

Quality of water data collection network

CURRENT WATER-RESOURCES PROJECTS IN NEW JERSEY--Continued

Quantification of radium mass loading and radioactivity in the shallow aquifer from the water-softening-treatment backwash waste stream that is discharged to septic systems

Radionuclides in public water supply systems

Rahway Flood Warning System

Refinement of a data model for watershed water transfer analysis, Phase 2

Small watershed flood data collection

Somerset County Flood-Information System

Surface water data collection network

Validation of membrane diffusion sampler for soluble inorganic and all organic (volatile/nonvolatile) contaminants in ground water

Water budget analysis of confined aquifers for water-supply planning and regulation

Water budgets and ground-water availability in the Delaware River Basin

Water-quality characteristics of Upper-Delaware Watershed

WATER-RELATED REPORTS FOR NEW JERSEY COMPLETED BY THE GEOLOGICAL SURVEY IN RECENT YEARS

Baehr, A.L., Kauffman, L.J., Perkins, Kimberlie, Nolan, B.T., 2003, Estimating spatial variability of recharge in sourthern New Jersey from unsaturated-zone measurements: U.S. Geological Survey Water-Resources Investigations Report 02-4288, 31 p.

Baehr, A.L., and Reilly, T.J.,, 2001, Water quality and occurrence of Methyl tert-butyl ether (MTBE) and other fuel-related compounds in lakes and ground water at lakeside communities in Sussex and Morris Counties, New Jersey, 1998-1999: U.S. Geological Survey Water-Resources Investigations Report 01-4149, 86 p.

Barringer, J.L., Barringer, T.H., Lacombe, P.J., and Holmes, C.W., 2001, Arsenic in soils and sediments adjacent to Birch Swamp Brook in the vicinity of Texas Road (downstream from the Imperial Oil Company Superfund site), Monmouth County, New Jersey: U.S. Geological Survey Water-Resources Investigations Report 00-4185, 111 p.

Barringer, J.L., and MacLeod, C.L., 2001, Relation of mercury to other chemical constituents in ground water in the Kirkwood-Cohansey aquifer system, New Jersey Coastal Plain, and mechanisms for mobilization of mercury from sediments to ground water: U.S. Geological Survey: Water-Resources Investigations Report 00-4230, 162 p.

Brown, G.A., Pustay, E.A., Gibs, Jacob, 2003, Methods for quality assurance review of water-quality data in New Jersey: U.S. Geological Survey Open-File Report 02-383, variously paged.

Chang, M., Tasker, G., and Nieswand, S., 2001, Model simulation of the Manasquan water-supply system in Monmouth County, New Jersey: U.S. Geological Survey Water-Resources Investigations Report 01-4172, 51 p.

Charles, E.G., Storck, D.A., and Clawges, R.M., 2001, Hydrology of the unconfined aquifer system, Maurice River area: Maurice and Cohansey River basins, New Jersey, 1994-95: U.S. Geological Survey Water-Resources Investigations Report 01-4229, 5 sheets.

Centinaro, G.L., White, B.T., Hoppe, H.L., Dudek, J.F., Protz, A.R., Reed, T.J., Shvanda, J.C., and Watson, A.F., 2005, Water resources data for New Jesey-water year 2004, volume 1. Surface-water data: U.S. Geological Survey Water-Data Report NJ-04-01, 383 p.

WATER-RELATED REPORTS FOR NEW JERSEY COMPLETED BY THE GEOLOGICAL SURVEY IN RECENT YEARS--Continued

DeLuca, M.J., Heckathorn, H.A., Lewis, J.M., Gray, B.J., Melvin, E.L., Riskin, M.L., and Liu, N.A., 2005, Water resources data for New Jersey - water year 2004, volume 3. Water-quality data: U.S. Geological Survey Water-Data Report NJ-04-03, 666 p.

DeLuca, M.J., Hoppe, H.L., Heckathorn, H.A., Gray, B.J., Riskin, M.L., 2003, Water resources data for New Jersey - water year 2002, volume 3. Water-quality data: U.S. Geological Survey Water-Data Report NJ-02-3, 462 p.

Deluca, M.J., Hoppe, H.L., Doyle, H.A., and Gray, B.J., 2002, Water resources data for New Jersey-water year 2001, Volume 3. Water-quality data: U.S. Geological Survey Water-Data Report NJ-01-3, 580 p.

DeLuca, M.J., Mattes, G.L.,Burns, H.L., Thomas, A.M., Gray, B.J., and Doyle, H.A., 2001, Water-resources data for New Jersey - water year 2000, Volume 3, Water-quality data: U.S. Geological Survey Water-Data Report NJ-00-3, 618 p.

Focazio, J.J., Szabo, Z., Kraemer, T.F., Mullin, A.H., Barringer, T.H., and dePaul, V.T., 2001, Occurrence of selected radionuclides in ground water used for drinking water in the United States: A reconnaissance survey, 1998: U.S. Geological Survey Water-Resources Investigations Report 00-4273, 39 p.

Gibs, J., Gray, B.J., Rice, D.E., Tessler, S., and Barringer, T.H., 2001, Water quality of the Delaware and Raritan Canal, New Jersey, 1998-99: U.S. Geological Survey Water Resources Investigations Report 01-4072, 67 p.

Gordon, A.D., 2003, Simulation of the ground-water flow system in 1992, and simulated effects of projected ground-water withdrawals in 2020 in the New Jersey Coastal Plain: U.S. Geological Survey Water-Resources Investigations Report 03-4000, 61 p.

Gordon, A.D., 2002, Simulation of transient ground-water flow in the valley-fill aquifers of the upper Rockaway River Basin, Morris County, New Jersey: U.S. Geological Survey Water-Resources Investigations Report 01-4174, 41 p.

Hunchak-Kariouk, K., 2002, Comparisons of water quality during various streamflow conditions in five streams in northern New Jersey, 1982-97: U.S. Geological Survey Water-Resources Investigations Report 01-4249, 50 p.

Jones, W.D., and Esralew, R.A., 2003, Water resources data for New Jersey - water year 2002, volume 2. Ground-water data: U.S. Geological Survey Water-Data Report NJ-02-2, 226 p.

Jones, W.D., and Edwards, R.W., 2002, Water resources data for New Jersey-water year 2001, Volume 2. Ground-water data: U.S. Geological Survey Water-Data Report NJ-01-2, 232 p.

Jones, W.D., 2005, Water resources data for New Jersey-water year 2004, volume 2. Ground-water data: U.S. Geological Survey Water-Data Report NJ-04-02, 239 p.

Jones, W.D., 2004, Water resources data for New Jersey - water year 2003, volume 2. Ground-water data: U.S. Geological Survey Water-Data Report NJ-03-02, 232 p.

Jones, W.D., 2001, Water resources data for New Jersey-water year 2000, Volume 2. Ground-water data: U.S. Geological Survey Water-Data Report NJ-00-2, 233 p.

Kauffman, L.J., Baehr, A.L., Ayers, M.A., and Stackelberg, P.E., 2001, Effects of land use and travel time on the distribution of nitrate in the Kirkwood-Cohansey aquifer system in southern New Jersey: U.S. Geological Survey Water-Resources Investigations Report 01-4117, 58 p.

WATER-RELATED REPORTS FOR NEW JERSEY COMPLETED BY THE GEOLOGICAL SURVEY IN RECENT YEARS--Continued

Kennen, J.G., and Ayers, M.A., 2002, Relation of environmental characteristics to the composition of aquatic assemblages along a gradient of urban land use in New Jersey, 1996-98: U.S. Geological Survey Water-Resources Investigations Report 02-4069, 77 p.

Lacombe, P.J., 2002, Ground-water levels and potentiometric surfaces, Naval Air Warfare Center, West Trenton, New Jersey, 2000: U.S. Geological Survey Water-Resources Investigations Report 01-4197, 48 p.

Lacombe, P.J., and Carleton, G.B., 2002, Hydrogeologic framework, availability of water supplies, and saltwater intrusion, Cape May County, New Jersey: U.S. Geolgoical Survey Water-Resources Investigations Report 01-4246, 165 p.

Lacombe, P.J., and Rosman, R., 2001, Water levels in, extent of freshwater in, and water withdrawals from ten confined aquifers, New Jersey and Delaware Coastal Plain, 1998: U.S. Geological Survey Water-Resources Investigations Report 00-4143, 10 sheets.

Lewis-Brown J.C., Rice, D.E., Rosman, Robert, and Smith, N.P., 2005, Hydrogeological framework, ground-water quality, and simulation of ground-water flow at the Fair Lawn Well Field superfund site, Bergen County, New Jersey: U.S. Geological Survey Scientific Investigations Report 2004-5280, 109 p.

Lewis-Brown, J.C., and Rice, D.E., 2002, Simulated ground-water flow, Naval Air Warfare Center, West Trenton, New Jersey: U.S. Geological Survey Water-Resources Investigations Report 02-4019, 44 p.

Long, G.R., Ayers, M.A., Callender, Edward, VanMetre, P.C., 2003, Trends in chemical concentration in sediment cores from three lakes in New Jersey and one lake on Long Island, New York: U.S. Geological Survey Water-Resources Investigations Report 02-4272, 32 p. (Published on the New Jersey District web site only.)

McAuley, S.D., Barringer, J.L., Paulachok, G.N., Clark, J.S., Zapecza, O.S., 2001, Ground-water flow and quality in the Atlantic City 800-foot sand, New Jersey: New Jersey Department of Environmental Protection Geological Survey Report GSR 41, 86 p.

Navoy, A.S., Voronin, L.M., and Modica, Edward, 2005, Vulnerability of production wells in the Potomac-Raritan-Magothy aquifer system to saltwater intrusion from the Delaware River in Camden, Gloucester, and Salem Counties, New Jersey: U.S. Geological Survey Scientific Investigations Report 2004-5096, 35 p.

Nicholson, R.S., Hunchak-Kariouk, Kathryn, and Cauller, S.J., 2003, Review of selected references and data sets on ambient ground- and surface-water quality in the Metedeconk River, Toms River, and Kettle Creek Basins, New Jersey, 1980-2001: U.S. Geological Survey Water-Resources Investigations Report 03-4259, 37 p.

Pope, D.A., and Watt, M.K., 2005, Use of a ground-water flow model to delineate contributing areas to the Puchak well field, Pennsauken Township and vicinity, Camden County, New Jersey: U.S. Geological Survey Scientific Investigations Report 2004-5101, 47 p.

Reed, T.J., White, B.T., Centinaro, G.L., Dudek, J.F., Spehar, A.B., Protz, A.R., Shvanda, J.C., Watson, A.F., and Holzer, G.K., 2003, Water resources data for New Jersey - water year 2002, volume 1. Surface-water data: U.S. Geological Survey Water-Data Report NJ-02-1, 364 p.

Reed, T.J., White, B.T., Centinaro, G.L., Dudek, J.F., Corcino, V., Spehar, A.B., and Protz, A.R., 2002, Water resources data for New Jersey-water year 2001, Volume 1. Surface-water data: U.S. Geological Survey Water-Data Report NJ-01-1, 297 p.

Reed, T.J., Centinaro, G.L., Dudek, J.F., Corcino, V., and Steckroat, G.C., 2001, Water resources data for New Jersey-water year 2000, Volume 1. Surface-water data: U.S. Geological Survey Water-Data Report NJ-00-1, 233 p.

WATER-RELATED REPORTS FOR NEW JERSEY COMPLETED BY THE GEOLOGICAL SURVEY IN RECENT YEARS--Continued

Reiser, R.G., 2004, Evaluation of water quality, permitted and nonpermitted loads and yields, and streamflow in the Raritan River Basin, New Jersey, water years 1991-98: U.S. Geological Survey Water-Resources Investigations Report 03-4207, 224 p.

Reiser, R.G., and Schopp, R.D., 2002, Sparta, New Jersey, flood of August 11-14, 2000: U.S. Geological Survey Water-Resources Investigations Report 02-4099, 95 p.

Spitz, F.J., 2001, Method and computer programs to improve pathline resolution near weak sinks representing wells in MODFLOW and MODPATH ground-water-flow simulations: U.S. Geological Survey Open-File Report 00-392, 51 p.

Spitz, F.J., Nicholson, R.S., and Pope, D.A., 2001, A nested rediscretization method to improve pathline resolution by eliminating weak sinks representing wells: Ground Water vol. 39, no. 5, p. 778-785. Geological Survey Open-File Report 01-406, 74 p.

Spitz, F.J., and Nicholson, R.S., 2001, Simulated effects of alternative pumping strategies on ground-water-flow patterns and areas contributing recharge to selected wells near Kenvil, Morris County, New Jersey: U.S. Geological Survey Water-Resources Investigations Report 01-4180, 32 p.

Storck, D.A., and Nawyn, J.P., 2001, Reconstruction of streamflow records in the Passaic and Hackensack River Basins, New Jersey and New York, water years 1993-96: U.S. Geological Survey Water-Resources Investigations Report 01-4078, 95 p.

Szabo, Zoltan, Zapecza, O.S., Oden, J.H., and Rice, D.E., 2005, Radiochemical sampling and analysis of shallow ground water and sediment at the BOMARC Missile Facility, east-central New Jersey, 1999-2000: U.S. Geological Survey Scientific Investigations Report 2005-5062, 76 p.

Szabo, Zoltan, dePaul, V.T., Kraemer, T.F., Parsa, Bahman, 2005, Occurrence of radium-224, radium-226, and radium-228 in water of the unconfined Kirkwood-Cohansey aquifer system, southern New Jersey: U.S. Geological Survey Scientific Investigations Report 2004-5224, 92 p.

Tessler, Steven, 2003, Data model and relational database design for the New Jersey Water-Transfer Data system: U.S. Geological Survey Open-File Report 03-197, CD-ROM (Available on the New Jersey District web site).

Voronin, L.M., 2005, Documentation of revisions to the Regional Aquifer System Analysis model of the New Jersey Coastal Plain: U.S. Geological Survey Water-Resources Investigations Report 03-4268, 49 p., and CD-ROM.

Walker, R.L., 2001, Effects of pumping on ground-water flow near water-supply wells in the Lower Potomac-Raritan-Magothy aquifer, Pennsauken Township, Camden County, New Jersey: U.S. Geological Survey Water-Resources Investigations Report 00-4012, 12 p.

Watson, K.M., Reiser, R.G., Nieswand, S.P., and Schopp, R.D., 2005, Streamflow characteristics and trends in New Jersey, water years 1897-2003: U.S. Geological Survey Scientific Investigations Report 2005-5105, 131 p.

Watt, M.K., Kane, A.C., Charles, E.G., Storck, D.A., 2003, Hydrology of the unconfined aquifer system, Rancocas Creek area: Rancocas, Crosswicks, Assunpink, Assiscunk, Blacks, and Crafts Creek Basins, New Jersey: U.S. Geological Survey Water-Resources Investigations Report 02-4280, 5 sheets.

Watt, M.K., 2001, A hydrologic primer for New Jersey watershed management: U.S. Geological Survey Water-Resources Investigations Report 00-4140, 116 p.

WATER-RELATED ARTICLES FOR NEW JERSEY COMPLETED BY THE GEOLOGICAL SURVEY IN RECENT YEARS

Imbrigiotta, T.E., 2002, Comparison of dialysis membrane diffusion samplers and two purging methods in bedrock wells, in Gavaskar, A.R., and Chen, A.S.C., eds., Remediation of chlorinated and recalcitrant compounds: Proceedings of the Third International Conference on Remediation of Chlorinated and Recalcitrant Compounds, Monterey, Calif.

Ivahnenko, T., Szabo, Z., and Gibs, J., 2001, Changes in sample collection and analytical techniques and effects on retrospective comparability of low-level concentrations of trace elements in ground water: Water Resources, v. 35, no. 15, p. 3611-3624.

Long, G.R., Ayers, M.A., Callender, E., VanMetre, P.C., 2003, Trends in chemical concentration in sediment cores from three lakes in New Jersey and one lake on Long Island, New York: U.S. Geological Survey Water-Resources Investigations Report 02-4272, 32 p. (Published on the New Jersey District web site only.)

Spitz, F.J., Nicholson, R.S., and Pope, D.A., 2001, A nested rediscretization method to improve pathline resolution by eliminating weak sinks representing wells: Ground Water vol. 39, no. 5, p. 778-785.

Szabo, Z., Oden, J.H., Gibs, J., Rice, D.E., and Ding, Y., 2002, Variation in aluminum, iron, and particle concentrations in oxic ground-water samples by use of tangetial-flow ultrafiltration with low-flow sampling, in Jensen, J.L., and Burggraf, L.W., eds., Chemical and biological early warning monitoring for water, food, and ground: Proceedings of SPIE, November 1-2, 2001, v. 4575, 42-61

Szabo, Zoltan, Focazio, M.J., Landmeyer, J.E., Senior, L.A., Ayotte, J.D., dePaul, V.T., Oden, T.D., and Kozar, M.D., 2001, Naturally occurring radionuclides in ground water in the Appalachian Physiographic Province: Initial results of targeted reconnaissance surveys and application to regional assessment, in Adams, D.B., Burke, Katrina, Hemingway, Bruce, Keay, Jeff, and Yurewicz, Michael, comp., U.S. Geological Survey Appalachian region integrated science workshop proceedings, Gatlinburg, Tennessee, October 22-26, 2001: U.S. Geological Survey Open-File Report 01-406, 74 p.

WATER-RELATED FACT SHEETS FOR NEW JERSEY COMPLETED BY THE GEOLOGICAL SURVEY IN RECENT YEARS

Jones, W.D., Navoy, A.S., Pope, D.A., 2002, Real-time ground-water-level monitoring in New Jersey, 2001: U.S. Geological Survey Fact Sheet FS-011-02, unpaginated.

Reiser, R.G., and Schopp, R.D., 2001, Sparta, New Jersey, flood of August 11-14, 2000: U.S. Geological Survey Fact Sheet FS-104-01, unpaginated.

Reiser, R.G., 2002, Quality of water in tributaries to the upper Delaware River, New Jersey, water years 1985-2001: U.S. Geological Survey Fact Sheet FS-090-02, unpaginated.

Reiser, R.G., Watson, K.M., Chang, M., Nieswand, S.P., 2002, Surface-water data and statistics from U.S. Geological Survey data-collection networks in New Jersey on the World Wide Web: U.S. Geological Survey Fact Sheet FS-109-02, unpaginated.

Schopp, R.D., Stedfast, D.A., and Navoy, A.S., 2003, Real-time surface-water monitoring in New Jersey, 2003: U.S. Geological Survey Fact Sheet, FS-048-03, unpaginated.

ACCESS TO USGS WATER DATA

The U.S. Geological Survey 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 at

http://water.usgs.gov

Water-quality 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 USGS Water Science Center. (See address that is shown on the back of the title page of this report.)

DEFINITION OF TERMS

Specialized technical terms used in this report are defined below. Terms such as algae, water level, precipitation are used in their common everyday meanings, definitions of which are given in standard dictionaries. Not all Specilaized technical terms defined in this alphabetical list apply to every State. See also table for converting English units to International System (SI) Units on the inside of the back cover.

Aquifer is a geologic formation, group of formation, or part of a formation that contains sufficient saturated permeable material to yield significant quantities of water to wells and springs.

Artesian means confined and is used to describe a well in which the water level stands above the top of the aquifer tapped by the well. A flowing artesian well is one in which the water level is above the land surface.

Confined aquifer is a term used to describe an aquifer containing water between two relatively impermeable boundaries. The water level in a well tapping a confined aquifer stands above the top of the confined aquifer and can be higher or lower than the water table that may be present in the material above it. In some cases, the water level can rise above the ground surface, yielding a flowing well. (See also "Aquifer")

Continuous-record station is a site where data are collected with sufficient frequency to define daily mean values and variations within a day.

Daily-record station is a site where data are collected with sufficient frequency to develop a record of one or more data values per day. The frequency of data collection can range from continuous recording to periodic sample or data collection on a daily or near-daily basis.

Data collection Platform (DCP) is an electronic instrument that collects, processes, and stores data from various sensors, and transmits the data by satellite data relay, line-of-sight radio, and/or landline telemetry.

Data logger is a microprocessor-based data acquisition system designed specifically to acquire, process, and store data. Data are usually downloaded from onsite data loggers for entry into office data systems.

Datum is a surface or point relative to which measurements of height and/or horizontal position are reported. A vertical datum is a horizontal surface used as the zero point for measurements of gage height, stage, or elevation; a horizontal datum is a reference for positions given in terms of latitude-longitude, State Plane coordinates, or UTM coordinates. (See also "Gage datum," "Land-surface datum," "National Geodetic Vertical Datum of 1929," and "North American Vertical Datum of 1988")

Ground-water level is the elevation of the water table or another potentiometric surface at a particular location.

Hydrologic unit is a geographic area representing part or all of a surface drainage basin or distinct hydrologic feature as defined by the former Office of Water Data Coordination and delineated on the State Hydrologic Unit Maps by the USGS. Each hydrologic unit is identified by an 8-digit number.

Land-surface datum (lsd) is a datum plane that is approximately at land surface at each ground-water observation well.

Measuring point (MP) is an arbitrary permanent reference point from which the distance to water surface in a well is measured to obtain water level.

National Geodetic Vertical Datum of 1929 (NGVD of 1929) is a fixed reference adopted as a standard geodetic datum for elevations determined by leveling. It was formerly called "Sea Level Datum of 1929" or "mean sea level." Although the datum was derived from the mean sea level at 26 tide stations**,** it does not necessarily represent local mean sea level at any particular place. *See NOAA web site: http://www.ngs.noaa.gov/faq.shtml#WhatVD29VD88* (See "North American Vertical Datum of 1988")

DEFINITION OF TERMS--Continued

NJ-WRD well number is a hyphenated, 6-digit identification number which the U.S. Geological Survey assigned to all New Jersey wells in the Ground Water Site Inventory (GWSI) data base. This numbering system was developed in 1978 to simplify identification of wells. The first two digits are a code for the county in which the well is located, and the last four digits are a sequence number. Each well added to GWSI is assigned the next higher sequence number for the county in which the well is located. These NJ-WRD well numbers are being used in the ground-water level descriptions, to identify ground-water quality sites, and on the corresponding location maps in this report.

North American Vertical Datum of 1988 (NAVD 1988) is a fixed reference adopted as the official civilian vertical datum for elevations determined by Federal surveying and mapping activities in the United States. This datum was established in 1991 by minimum-constraint adjustment of the Canadian**,** Mexican, and United States first-order terrestrial leveling networks.

Open or screened interval is the length of unscreened opening or of well screen through which water enters a well, in feet below land surface.

Periodic-record station is a site where stage, discharge, sediment, chemical, physical, or other hydrologic measurements are made one or more times during a year, but at a frequency insufficient to develop a daily record.

Sea level, as used in this report, refers to one of the two commonly used national vertical datums (NGVD 1929 or NAVD 1988). See separate entries for definitions of these datums.

Unconfined aquifer is an aquifer whose upper surface is a water table free to fluctuate under atmospheric pressure. (See "Water-table aquifer")

Vertical datum (See "Datum")

Water level is the water-surface elevation or stage of the free surface of a body of water above or below any datum, or the surface of water standing in a well, usually indicative of the position of the water table or other potentiometric surface.

Water table is the level in the saturated zone at which the pressure is equal to the atmospheric pressure.

Water-table aquifer is an unconfined aquifer within which is found the water table.

Water year in USGS reports dealing with surface-water supply is the 12-month period October 1 through September 30. The water year is designated by the calendar year in which it ends and which includes 9 of the 12 months. Thus, the year ending September 30, 2002, is called the "2002 water year."

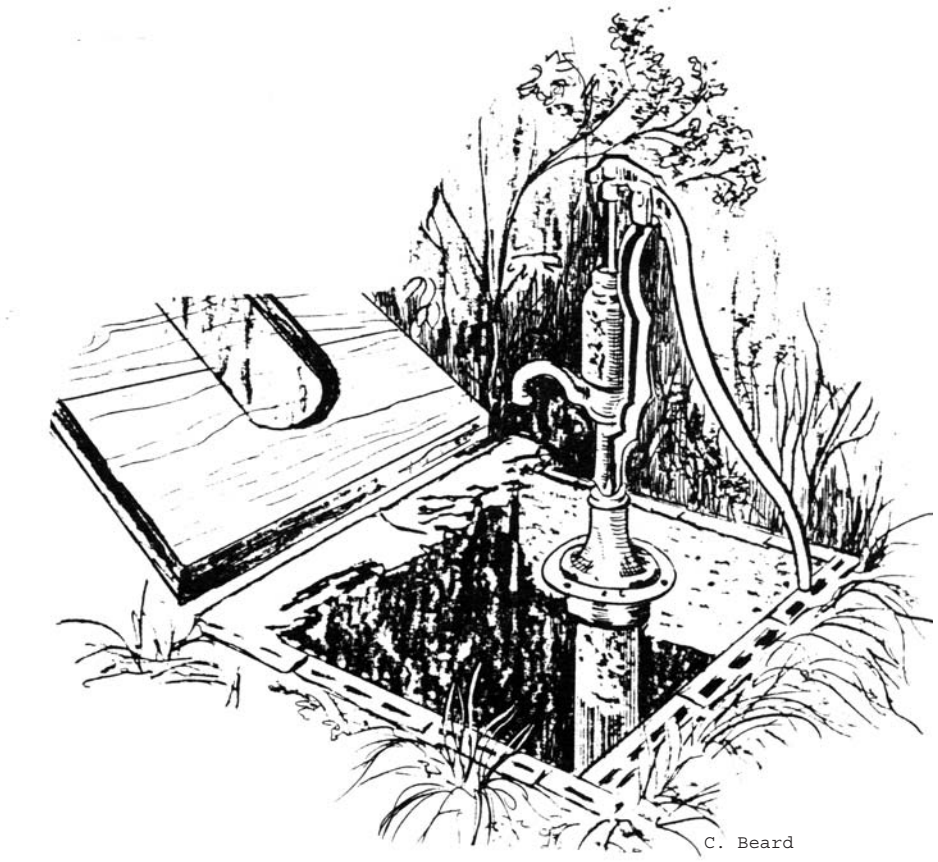
WDR is used as an abbreviation for "Water-Data Report" in the REVISED RECORDS paragraph to refer to State annual hydrologic-data reports. (WRD was used as an abbreviation for "Water-Resources Data" in reports published prior to 1976.)

Well is an excavation (pit, hole, tunnel), generally cylindrical in form and often walled in, drilled, dug, driven, bored, or jetted into the ground to such a depth as to penetrate water-yielding geologic material and allow the water to flow or to be pumped to the surface.

WSP is used as an acronym for "Water-Supply Paper" in reference to previously published reports.

TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS OF THE U.S. GEOLOGICAL SURVEY

The USGS publishes a series of manuals, the Techniques of Water-Resources Investigations, describing procedures for planning and conducting specialized work in water-resources investigations. The material is grouped under major subject headings called books and is further divided into sections and chapters. For example, section A of book 3 (Applications of Hydraulics) pertains to surface water. The chapter, the unit of publication, is limited to a narrow field of subject matter. This format permits flexibility in revision and publication as the need arises. Reports in the Techniques of Water-Resources Investigations series are online at *http://water.usgs.gov/pubs/twri/.*


C. Beard

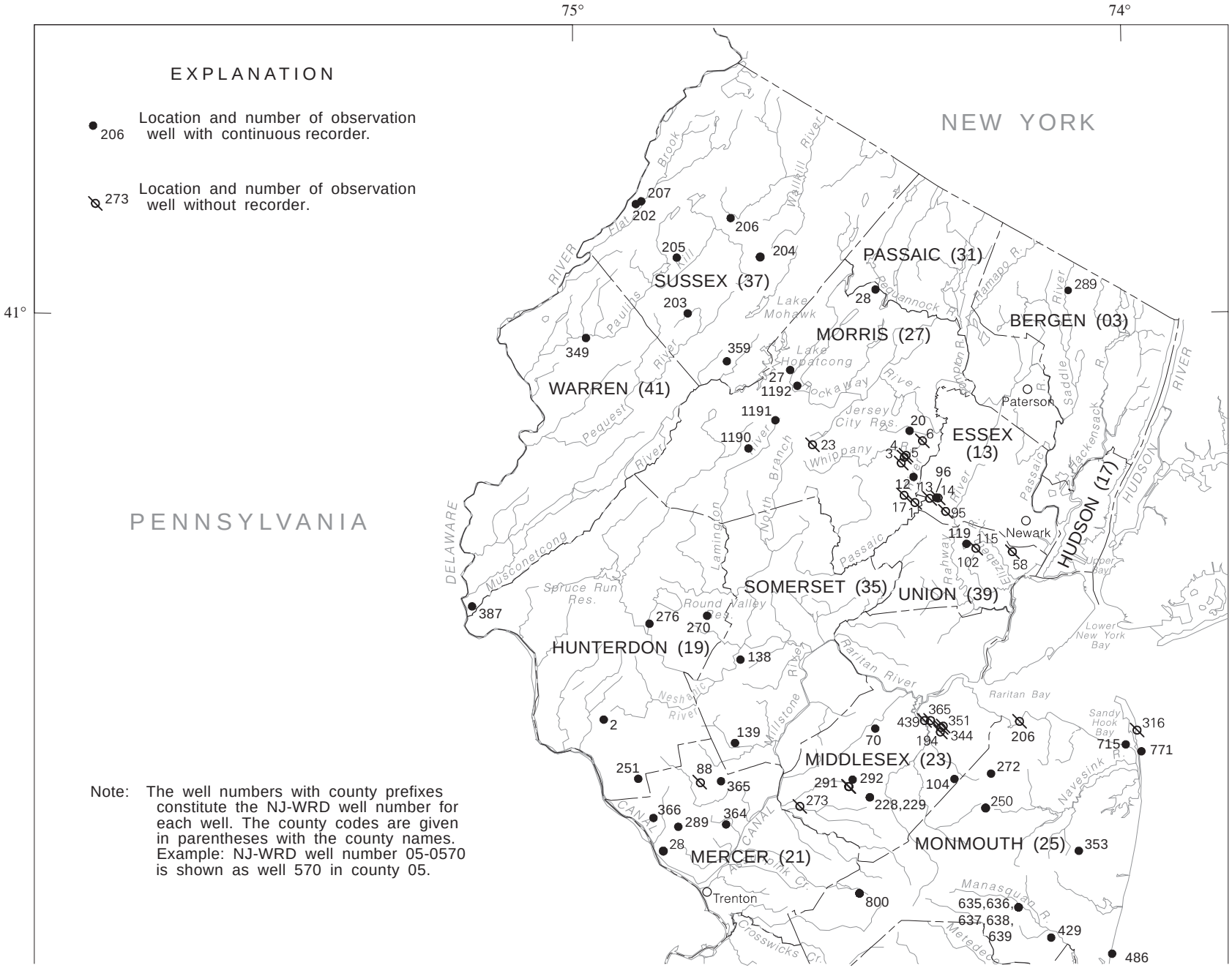
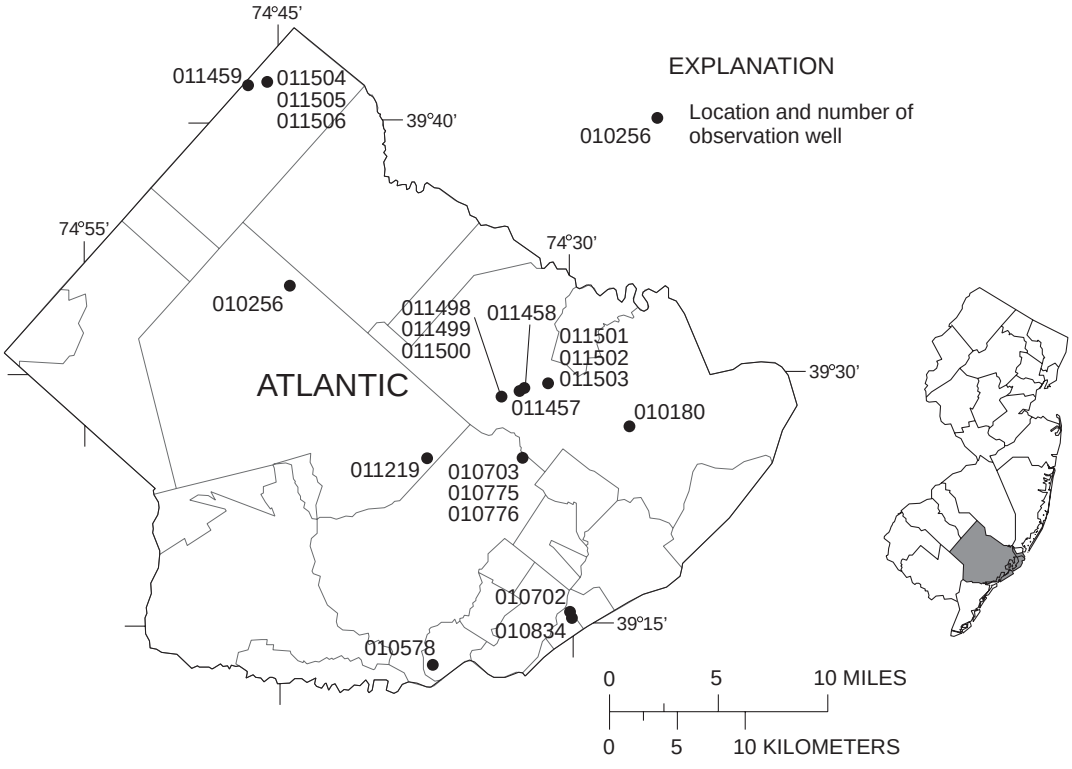

EXPLANATION
206 Location and number of observation well with continuous recorder.
273 Location and number of observation well without recorder.
Note: The well numbers with county prefixes constitute the NJ-WRD well number for each well. The county codes are given in parentheses with the county names. Example: NJ-WRD well number 05-0570 is shown as well 570 in county 05.
75°
74°
41°
NEW YORK
PENNSYLVANIA
SUSSEX (37)
WARREN (41)
PASSAIC (31)
MORRIS (27)
BERGEN (03)
ESSEX (13)
HUDSON (17)
SOMERSET (35)
UNION (39)
HUNTERDON (19)
MIDDLESEX (23)
MONMOUTH (25)
MERCER (21)
Paterson
Newark
Trenton
DELAWARE RIVER
HUDSON RIVER
Lake Mohawk
Lake Hopatcong
Jersey City Res.
Spruce Run Res.
Round Valley Res.
Raritan River
Raritan Bay
Lower New York Bay
Upper Bay
Sandy Hook Bay
Navesink R.
Manasquan R.
Crosswicks Cr.
Delaware and Raritan Canal
Pequest River
Paulins Kill
Musconetcong River
Lamington River
North Branch Raritan River
Passaic River
Whippany River
Rockaway River
Pompton River
Pequannock R.
Ramapo R.
Saddle R.
Hackensack R.
Wallkill River
Flat Brook
Neshanic River
Millstone River
Rahway River
Elizabeth R.
Metedeconk R.
207
202
206
205
204
203
349
359
27
1192
1191
1190
23
20
6
4
3
5
96
12
13
14
17
11
95
119
115
102
58
387
276
270
138
2
139
251
88
365
366
289
364
28
800
365
439
351
344
194
70
206
316
715
771
272
104
291
292
273
228,229
250
353
635,636,
637,638,
639
429
486

Figure 4. Location of ground-water-level observation wells in New Jersey.

ATLANTIC COUNTY

NJ-WRD well number	Local identifier	Township	Well depth	Aquifer	Type of data
010180	OCEANVILLE 1 OBS	GALLOWAY TWP	570	KRKDL	DAILY
010256	SCHOLLER 1 OBS	HAMILTON TWP	275	CKKD	DAILY
010578	JOBS POINT OBS	SOMERS POINT CITY	680	KRKDL	DAILY
010702	BURK AVE TW OBS	MARGATE CITY	755	KRKDL	DAILY
010703	FAA POMONA OBS	EGG HARBOR TWP	575	KRKDL	DAILY
010775	FAA INTERMEDIATE OBS	EGG HARBOR TWP	182	CKKD	MANUAL
010776	FAA SHALLOW OBS	EGG HARBOR TWP	93	CKKD	DAILY
010834	MARGATE FIREHOUSE 1 OBS	MARGATE CITY	997	PNPN	DAILY
011219	HTMUA 9 OBS	HAMILTON TWP	742	PNPN	MANUAL
011457	RICHARD STOCKTON 2	GALLOWAY TWP	6.85	CKKD	DAILY
011458	RICHARD STOCKTON 1	GALLOWAY TWP	6.0	CKKD	DAILY
011459	ALBERTSON BROOK 2	HAMMONTON	7.1	CKKD	DAILY
011498	MM OW-1M	GALLOWAY TWP	65	CKKD	DAILY
011499	MM OW-1D	GALLOWAY TWP	165	CKKD	DAILY
011500	MM OW-1S	GALLOWAY TWP	22	CKKD	DAILY
011501	MM OW-2S	GALLOWAY TWP	40	CKKD	DAILY
011502	MM OW-2M	GALLOWAY TWP	73	CKKD	DAILY
011503	MM OW-2D	GALLOWAY TWP	170	CKKD	DAILY
011504	AB OW-2D	HAMMONTON TOWN	160	CKKD	DAILY
011505	AB OW-2S	HAMMONTON TOWN	50	CKKD	DAILY
011506	AB OW-2M	HAMMONTON TOWN	92	CKKD	DAILY

Aquifer names
- CKKD - Kirkwood-Cohansey aquifer system
- KRKDL - Atlantic City 800-foot sand of the Kirkwood Formation
- PNPN - Piney Point aquifer



01-0180 Oceanville 1 Obs

NJ-WRD Well Number, 01-0180. Site I.D., 392754074270101. Local I.D., Oceanville 1 Obs. NJ Permit Number, 36-00294.

LOCATION.--Lat 39°27'54", long 74°27'00", Hydrologic Unit 02040302, at the Edwin B. Forsythe National Wildlife Refuge, Brigantine Division, Oceanville, Galloway Township.

AQUIFER.--Atlantic City 800-foot sand of the Kirkwood Formation of Miocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 570 ft, screened 560 to 570 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Water-level extremes recorder, Apr. 1977 to Feb. 1984. Periodic measurements, Aug. 1975 to Apr. 1977. Water-level recorder, Oct. 1959 to Aug. 1975.

DATUM.--Land surface is 27.00 ft above NGVD of 1929. Measuring point: Top of bushing, 2.30 ft above land surface.

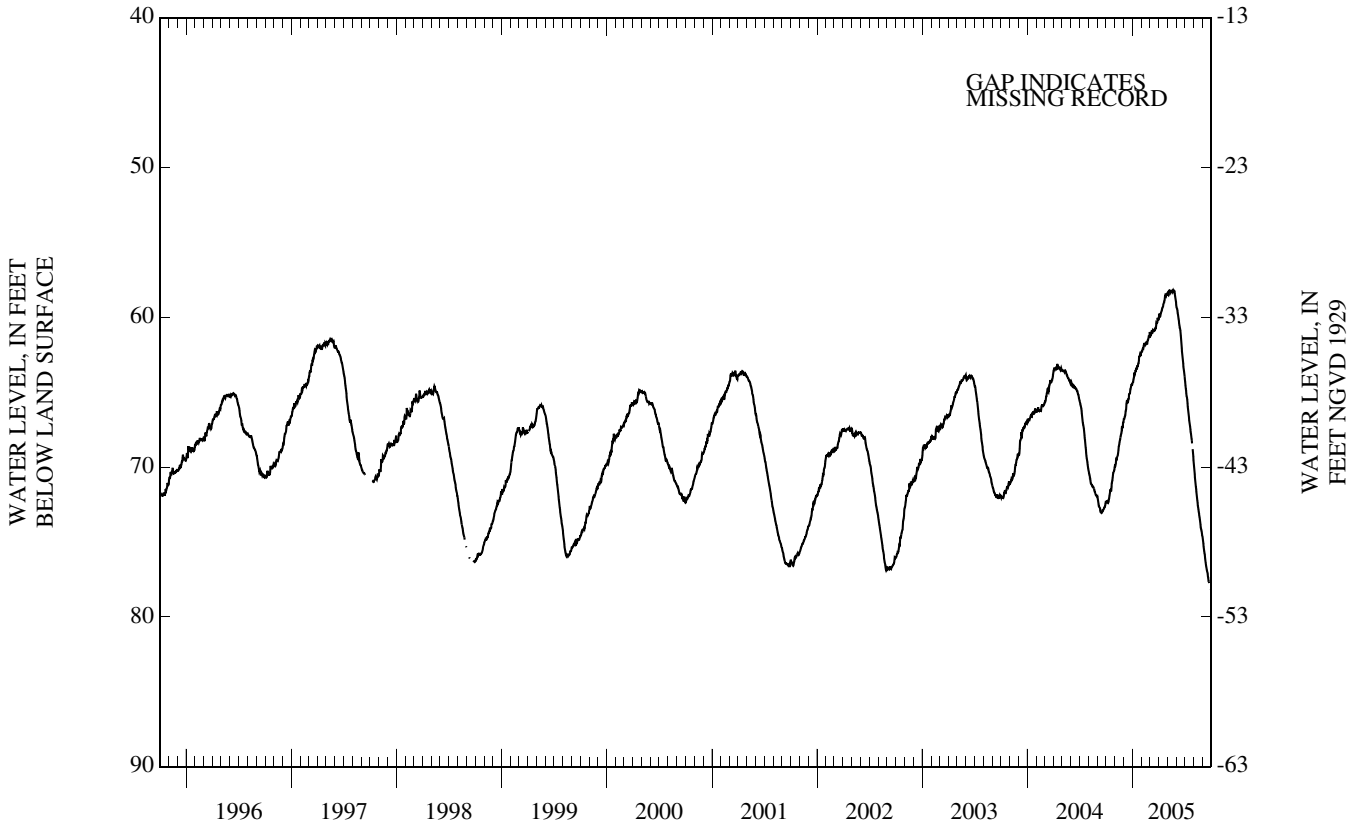
REMARKS.--Water level is affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--Oct. 1959 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 33.62 ft below land surface, Apr. 13, 1961; lowest, 78.28 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	72.34	69.46	66.61	64.00	62.09	61.18	59.97	58.54	59.57	64.91	70.69	75.47
10	72.16	69.21	65.80	63.60	61.73	61.04	59.66	58.24	60.25	65.75	71.64	76.20
15	71.53	68.49	65.66	63.48	61.74	60.92	59.34	58.23	60.88	66.69	72.57	76.85
20	71.10	67.94	65.12	63.09	61.76	60.77	58.95	58.24	62.06	67.49	73.24	77.41
25	70.41	67.26	64.74	62.60	61.32	60.36	58.54	58.24	63.09	68.25	74.01	---
EOM	69.93	66.94	64.40	62.30	61.23	60.18	58.42	59.00	63.97	69.54	74.61	---
MEAN	71.41	68.44	65.52	63.29	61.77	60.76	59.24	58.37	61.31	---	72.53	---
MAX	72.40	69.94	66.82	64.35	62.33	61.23	60.13	59.00	63.97	---	74.61	---
MIN	69.93	66.94	64.40	62.30	61.23	60.05	58.42	58.20	59.18	---	69.78	---



01-0256 Scholler 1 Obs

NJ-WRD Well Number, 01-0256. Site I.D., 393333074442401. Local I.D., Scholler 1 Obs. NJ Permit Number, 32-00173.

LOCATION.--Lat 39°33'33", long 74°44'25", Hydrologic Unit 02040302, inside the boiler room at Scholler Inc., Weymouth Rd. and Blueberry Rd., Elwood, Hamilton Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 8 in., depth 275 ft, screened 254 to 275 ft.

INSTRUMENTATION.--Data collection platform with satellite telemetry--60 minute recording interval. Water-level recorder, Apr. 1984 to Nov. 2004. Water-level extremes recorder, May 1977 to Apr. 1984. Periodic measurements, Aug. 1975 to May 1977. Water-level recorder, Apr. 1962 to Aug. 1975.

DATUM.--Land surface is 93.19 ft above NGVD of 1929. Measuring point: Top of recorder shelf, 2.66 ft above land surface.

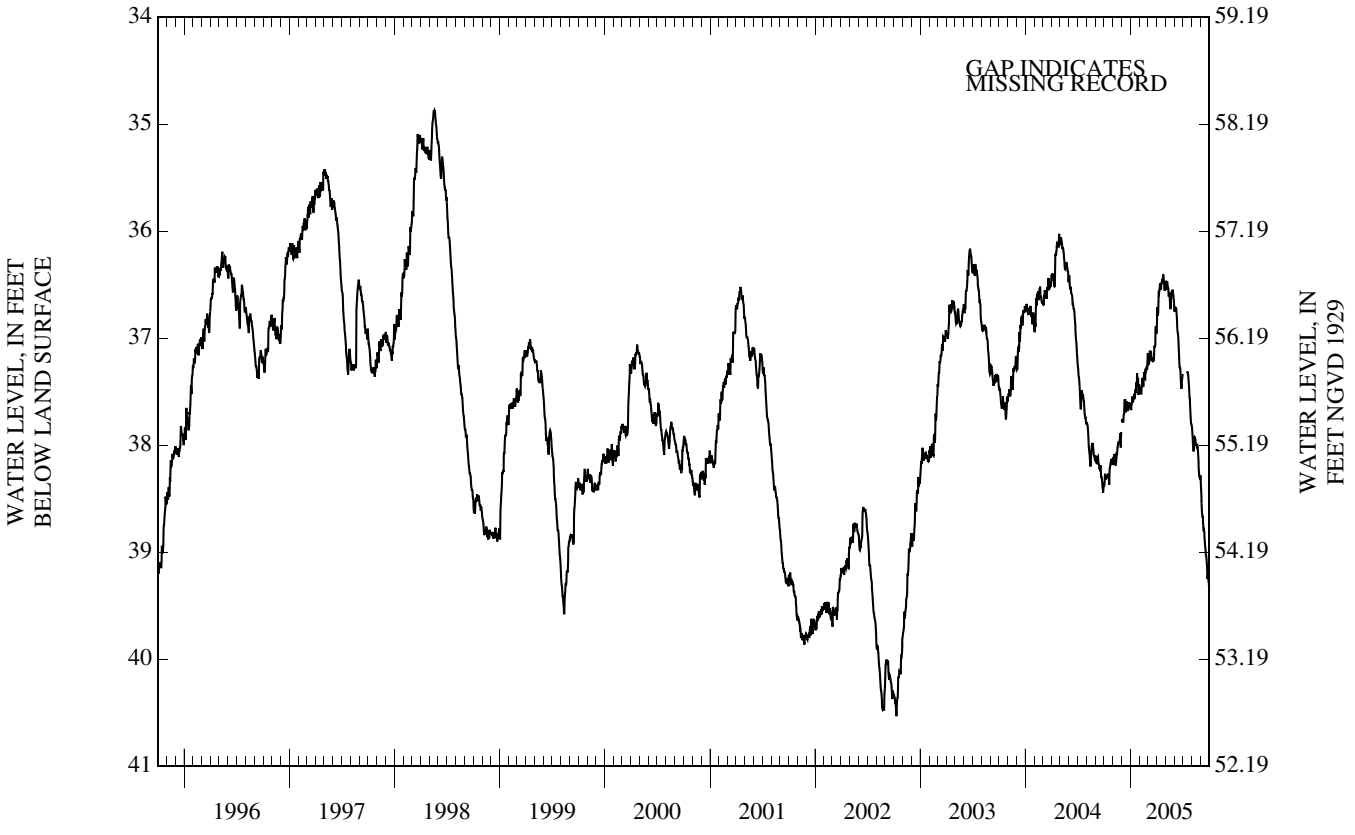
REMARKS.--Water level is affected by nearby pumping.

PERIOD OF RECORD.--Apr. 1962 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 27.18 ft below land surface, Mar. 20, 1963; lowest, 40.55 ft below land surface, Oct. 9-10, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	38.29	38.08	37.78	37.60	37.49	37.24	36.79	36.55	36.72	---	37.98	38.61
10	38.28	38.19	37.60	37.56	37.37	37.17	36.55	36.53	36.81	---	37.93	38.77
15	38.27	38.05	37.69	37.57	37.37	37.21	36.54	36.57	37.01	---	37.98	38.90
20	38.21	37.98	37.62	37.41	37.38	37.19	36.45	36.68	37.28	37.37	38.02	39.03
25	38.14	37.89	37.63	37.38	37.26	37.08	36.44	36.57	37.44	37.57	38.21	39.25
EOM	38.12	---	37.64	37.46	37.21	36.96	36.51	36.66	37.33	37.81	38.28	39.35
MEAN	38.25	---	37.67	37.51	37.38	37.14	36.57	36.57	37.06	---	38.05	38.90
MAX	38.38	---	37.79	37.67	37.52	37.24	36.93	36.73	37.47	---	38.31	39.35
MIN	38.12	---	37.57	37.33	37.21	36.89	36.40	36.46	36.70	---	37.82	38.34



01-0578 Jobs Point Obs

NJ-WRD Well Number, 01-0578. Site I.D., 391827074371001. Local I.D., Jobs Point Obs. NJ Permit Number 36-00295.

LOCATION.--Lat 39°18'26", long 74°37'08", Hydrologic Unit 02040302, on the west side of the Garden State Parkway at interchange 29, Somers Point City.

AQUIFER.--Atlantic City 800-foot sand of the Kirkwood Formation of Miocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 8 in., depth 680 ft, screened 670 to 680 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Water-level extremes recorder, May 1977 to Feb. 1984. Periodic measurements, June 1975 to May 1977. Water-level recorder, Oct. 1959 to June 1975.

DATUM.--Land surface is 10.00 ft above NGVD of 1929. Measuring point: Top of recorder shelf, 9.34 ft above land surface.

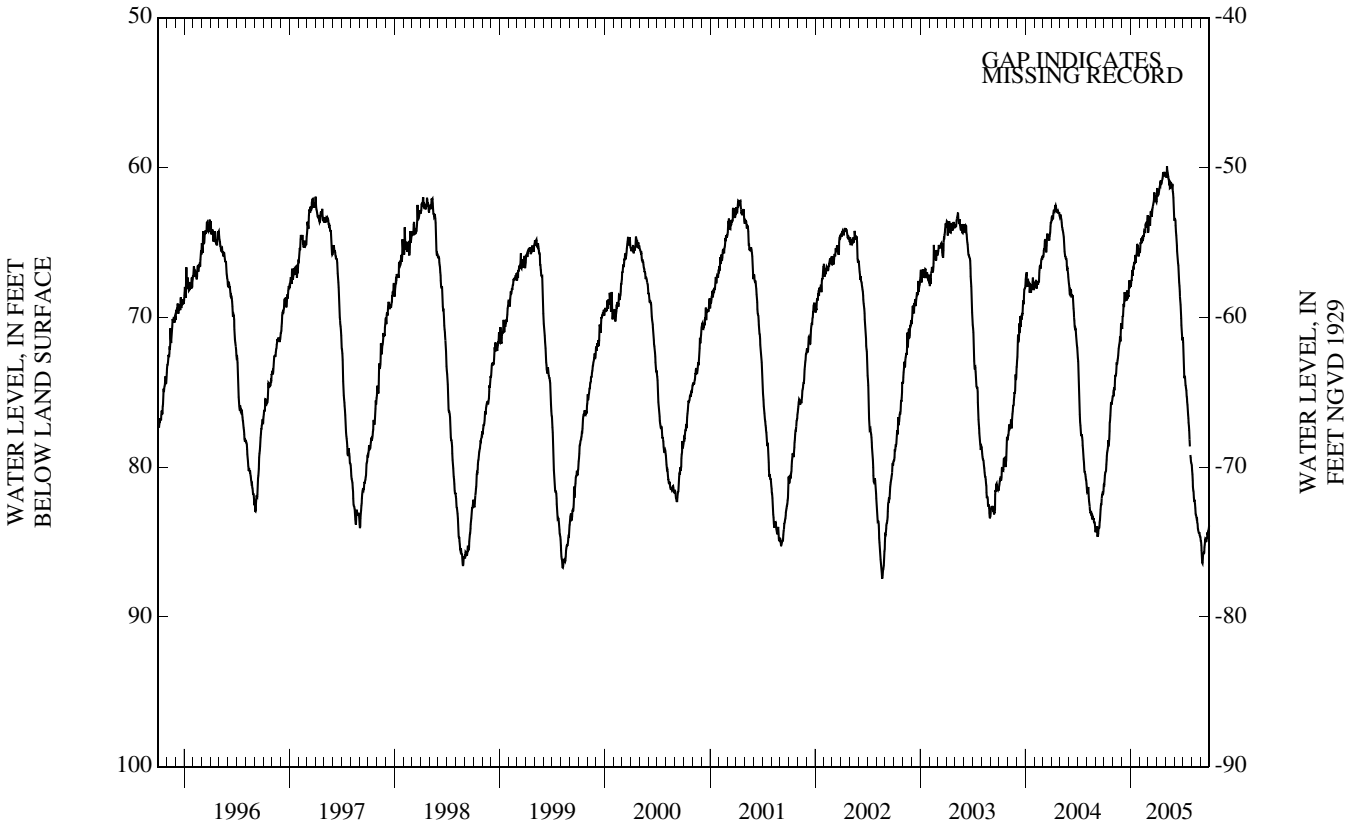
REMARKS.--Water level is affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--Oct. 1959 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 29.10 ft below land surface, Apr. 13, 1961; lowest, 88.17 ft below land surface, Aug. 21, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	80.37	74.85	69.97	67.19	65.08	63.70	61.82	60.67	63.56	73.50	81.31	85.92
10	79.27	73.85	68.39	66.68	64.62	63.41	61.47	60.48	65.21	74.54	82.19	85.74
15	78.21	73.08	68.79	66.46	64.62	63.29	60.86	60.97	66.54	75.42	83.20	85.21
20	77.04	72.10	68.53	65.91	64.28	62.47	60.85	61.01	68.27	76.76	83.70	85.02
25	75.68	71.34	68.34	65.42	63.62	62.11	60.48	61.09	70.11	78.62	84.36	84.50
EOM	75.22	70.71	67.67	65.40	63.46	62.31	60.48	63.07	71.51	79.77	84.68	83.91
MEAN	78.05	72.92	68.78	66.31	64.50	62.86	61.09	61.04	67.02	---	82.95	85.13
MAX	81.19	75.31	70.78	67.95	65.71	64.35	62.13	63.07	71.55	---	84.68	86.42
MIN	75.22	70.41	67.53	65.11	63.46	61.67	60.29	59.92	63.39	---	79.89	83.91



01-0702 Burk Ave. TW Obs

NJ-WRD Well Number, 01-0702. Site I.D., 392032074300801. Local I.D., Burk Ave. TW Obs.

LOCATION.--Lat 39°20'32", long 74°30'07", Hydrologic Unit 02040302, about 20 ft south of the intersection of Burk Ave. and Fredericksburg Ave., Margate City.

AQUIFER.--Atlantic City 800-foot sand of the Kirkwood Formation of Miocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 755 ft, screened 740 to 750 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Periodic measurements, Jan. 1988 to Dec. 2004. Water-level recorder, Oct. 1985 to Jan. 1988.

DATUM.--Land surface is 5 ft above NGVD of 1929, from topographic map. Measuring point: Top of well shelter shelf, 2.30 ft above land surface.

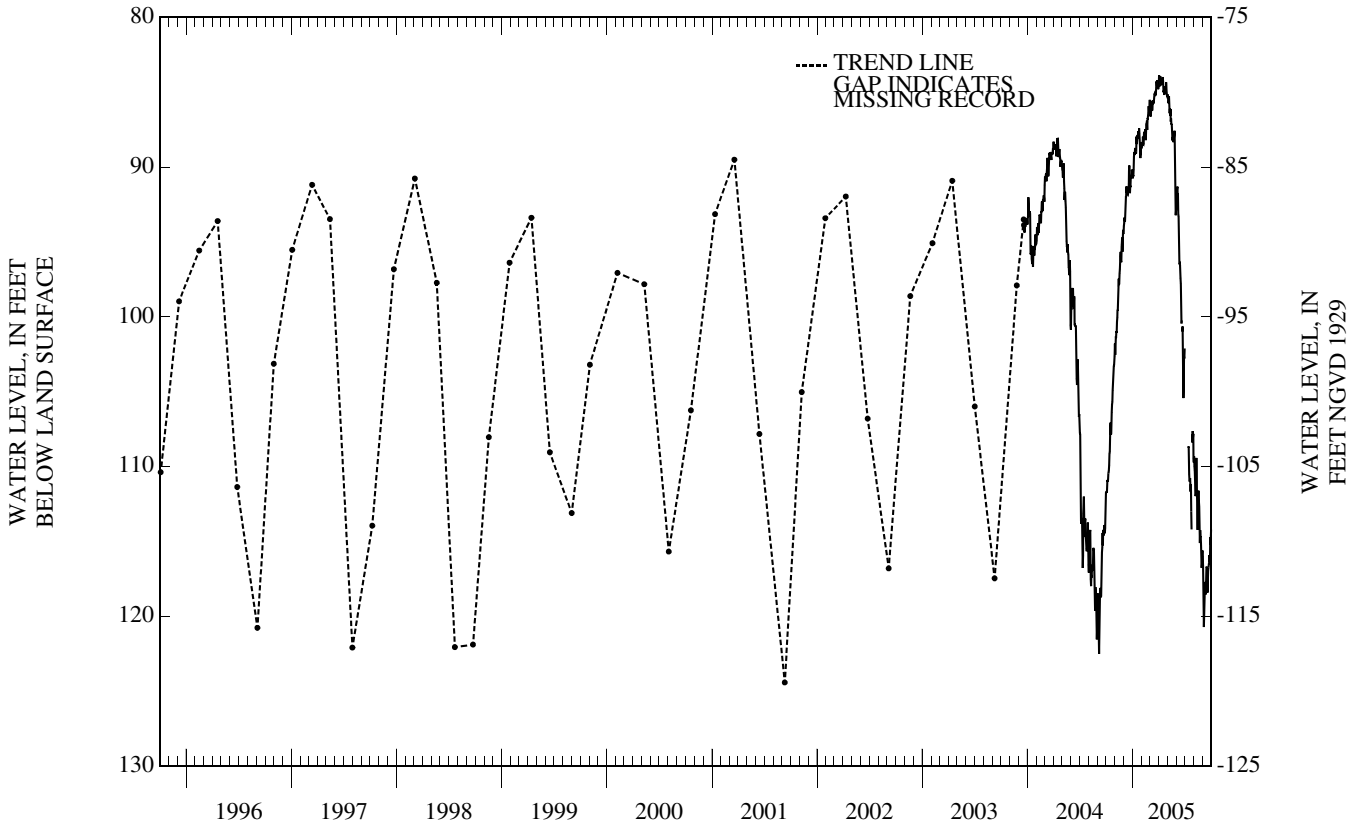
REMARKS.--Water level is affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--Oct. 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 73.20 ft below land surface, May 17, 1986; lowest, 124.41 ft below land surface, Sept. 10, 2001.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	110.88	100.97	93.63	89.29	87.97	86.46	84.60	85.74	91.30	---	110.64	120.71
10	110.26	99.53	91.29	89.02	87.69	86.18	84.29	86.09	94.09	---	109.41	117.83
15	107.40	97.79	91.83	88.45	88.20	85.67	83.98	87.15	97.06	109.61	113.79	116.68
20	106.36	95.66	89.89	87.61	87.51	85.16	85.18	87.98	100.23	111.35	112.68	116.92
25	104.23	94.71	90.75	88.28	85.92	84.27	84.92	87.83	104.00	---	114.64	116.30
EOM	101.79	94.41	90.40	88.34	86.13	84.74	85.28	92.91	102.11	109.43	115.59	114.20
MEAN	107.49	97.73	91.63	88.77	87.47	85.36	84.54	87.45	---	---	112.80	117.22
MAX	111.75	102.53	93.93	90.75	88.54	86.62	85.28	93.21	---	---	116.76	120.71
MIN	101.79	94.19	89.89	87.40	85.92	84.18	83.85	85.13	---	---	109.31	114.20



01-0703 FAA Pomona Obs

NJ-WRD Well Number, 01-0703. Site I.D., 393232074263901. Local I.D., FAA Pomona Obs. NJ Permit Number, 36-05092.

LOCATION.--Lat 39°26'39", long 74°32'31", Hydrologic Unit 02040302, at the FAA William J. Hughes Technical Center, Egg Harbor Township.

AQUIFER.--Atlantic City 800-foot sand of the Kirkwood Formation of Miocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 575 ft, screened 560 to 570 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Water-level recorder, May 1985 to Mar. 2000. Periodic measurements, Mar. to May 1985.

DATUM.--Land surface is 38 ft above NGVD of 1929. Measuring point: Top of recorder shelf, 1.75 ft above land surface.

REMARKS.--Water level is affected by nearby pumping.

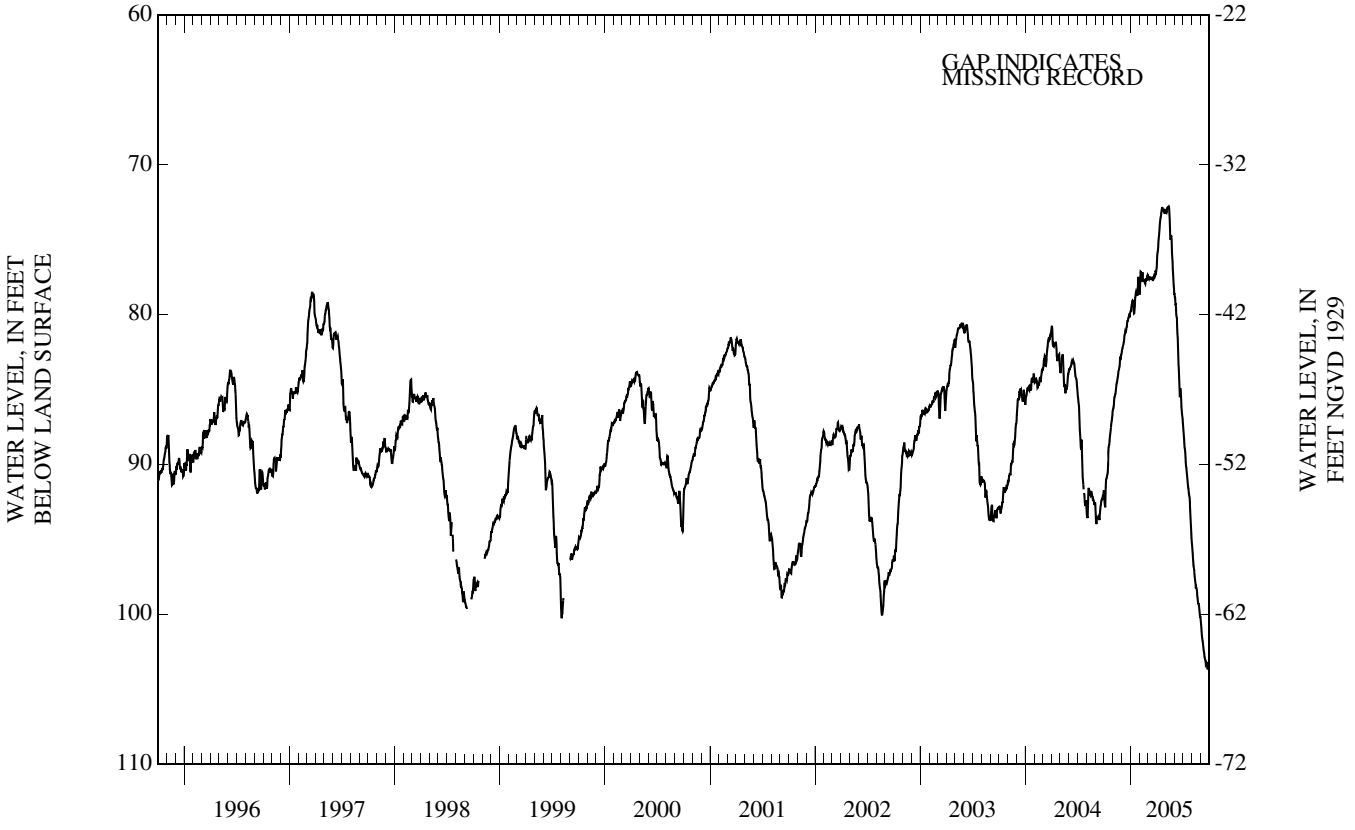
PERIOD OF RECORD.--Mar. 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 69.74 ft below land surface, Mar. 18, 1986; lowest, 103.88 ft below land surface, Sept. 25, 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	92.42	85.54	82.12	79.30	77.15	77.57	75.75	73.18	79.31	88.33	96.22	101.41
10	90.86	85.09	81.41	79.34	77.17	77.61	74.45	72.94	80.20	89.55	97.24	102.20
15	89.34	84.41	81.10	79.45	77.68	77.54	73.47	73.24	82.68	90.67	98.27	102.92
20	88.30	83.76	80.45	78.42	77.93	77.69	72.82	74.95	85.46	91.63	98.77	103.32
25	87.33	82.91	80.18	78.42	77.60	77.36	73.00	76.22	85.72	92.49	99.35	103.69
EOM	86.35	82.64	79.80	78.66	77.46	77.00	73.18	78.31	86.99	94.92	100.19	103.65
MEAN	89.41	84.34	81.01	78.90	77.67	77.47	74.02	74.46	82.77	90.84	98.06	102.61
MAX	92.88	86.27	82.44	79.92	78.56	77.75	76.84	78.31	86.99	94.92	100.19	103.69
MIN	86.35	82.64	79.80	77.47	77.13	77.00	72.82	72.76	78.62	87.21	95.20	100.44

WTR YR 2005 MEAN 84.33 HIGH 72.76 MAY 13 LOW 103.69 SEP 25



01-0775 FAA Intermediate Obs

NJ-WRD Well Number, 01-0775. Site I.D., 393232074263902. Local I.D., FAA Intermediate Obs.

LOCATION.--Lat 39°26'39", long 74°32'31", Hydrologic Unit 02040302, at the FAA William J. Hughes Technical Center, Egg Harbor Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 4 in., depth 182 ft, screened 132 to 182 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape.

DATUM.--Land surface is 38.1 ft above NGVD of 1929. Measuring point: Top of PVC casing, 1.25 ft above land surface.

REMARKS.--Water level is affected by nearby pumping.

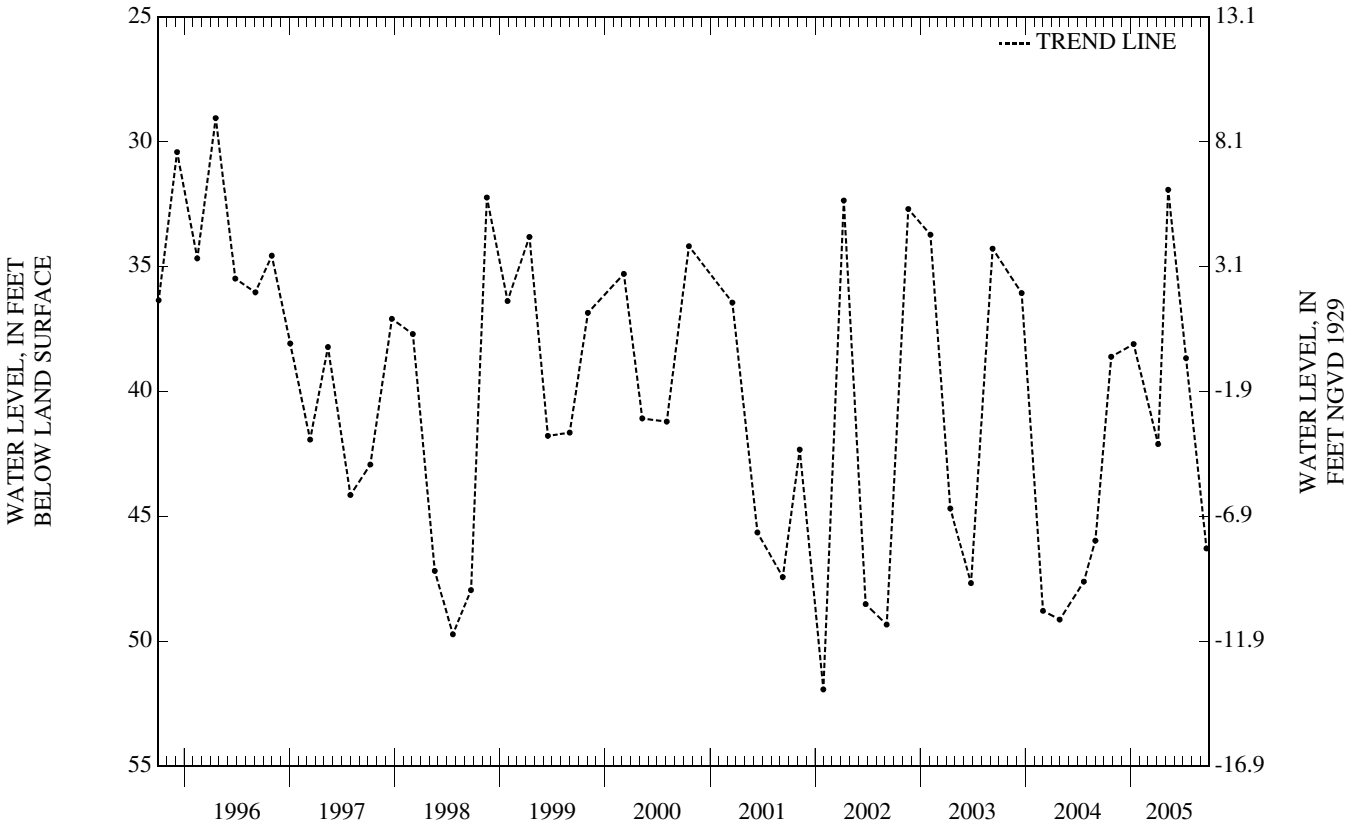
PERIOD OF RECORD.--May 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 24.06 ft below land surface, May 29, 1985; lowest, 53.76 ft below land surface, July 18, 1995.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	38.61	JAN 11	38.10	APR 06	42.11	MAY 11	31.92	JUL 12	38.67	SEP 21	46.29

WATER YEAR 2005 HIGHEST 31.92 MAY 11, 2005 LOWEST 46.29 SEP 21, 2005



01-0776 FAA Shallow Obs

NJ-WRD Well Number, 01-0776. Site I.D., 393232074263903. Local I.D., FAA Shallow Obs.

LOCATION.--Lat 39°26'39", long 74°32'31", Hydrologic Unit 02040302, at the FAA William J. Hughes Technical Center, Egg Harbor Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 4 in., depth 93 ft, screened 73 to 93 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Periodic measurements, May 1985 to June 2003.

DATUM.--Land surface is 38.1 ft above NGVD of 1929. Measuring point: Top of PVC casing, 0.95 ft above land surface.

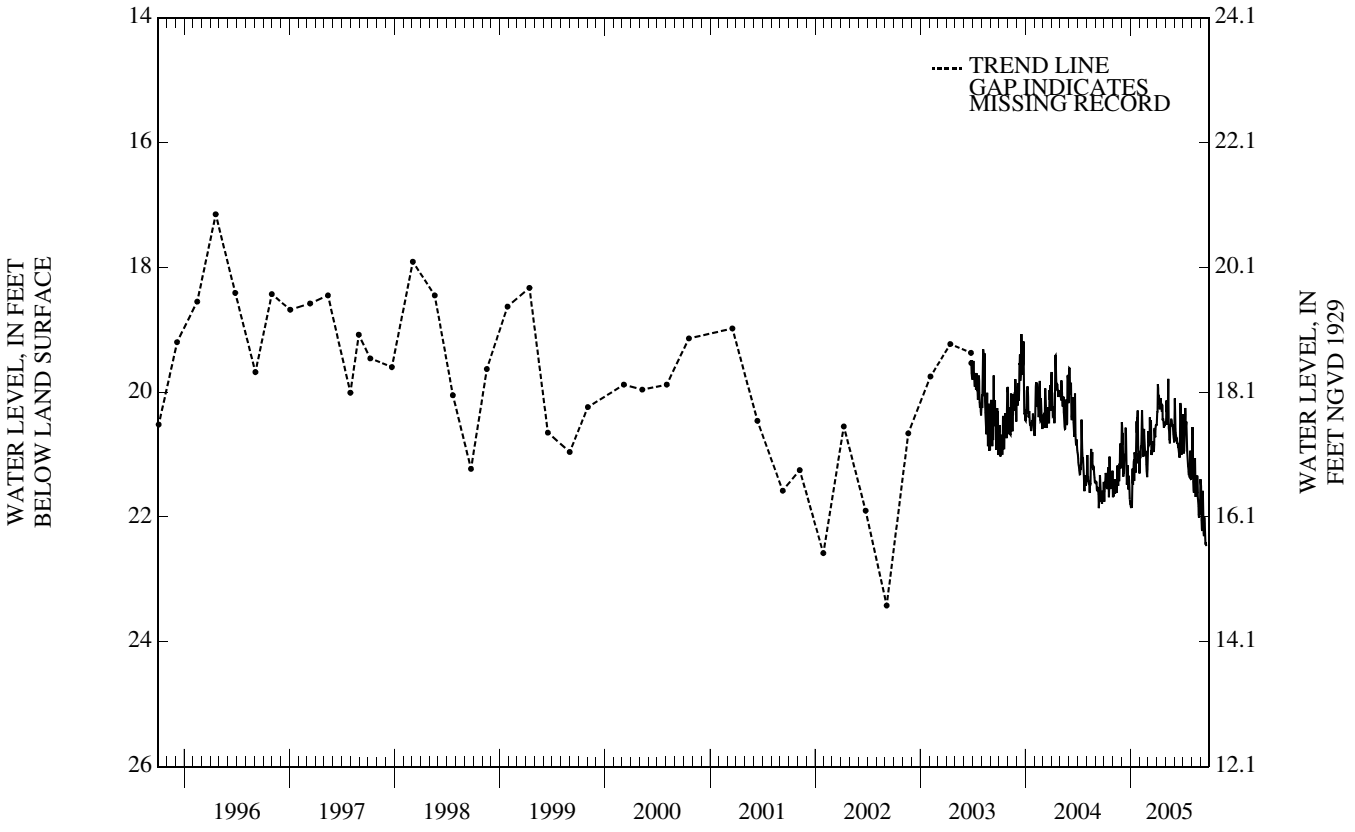
REMARKS.--Water level is affected by the stage of the Atlantic City Reservoir.

PERIOD OF RECORD.--May 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 16.86 ft below land surface, May 29, 1985; lowest, 23.42 ft below land surface, Sept. 6, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	21.38	21.43	21.15	21.85	20.87	20.81	19.87	20.14	20.59	20.94	21.06	22.19
10	21.50	21.61	21.04	21.31	20.47	20.61	20.21	20.28	20.73	20.36	21.49	22.02
15	21.45	21.18	20.57	20.99	20.63	20.93	20.09	20.76	20.87	20.78	21.61	22.11
20	21.17	21.38	21.25	20.69	21.01	20.90	20.20	20.54	21.03	21.23	21.34	22.47
25	21.48	20.82	21.34	20.30	21.27	20.57	20.51	20.55	20.65	21.37	21.96	---
EOM	21.69	20.76	21.80	21.30	21.23	20.52	20.51	20.77	20.38	21.29	21.40	---
MEAN	21.44	21.36	21.19	21.15	20.91	20.73	20.29	20.49	20.68	20.94	21.49	---
MAX	21.76	21.67	21.80	21.86	21.36	21.01	20.57	20.82	21.05	21.40	22.01	---
MIN	21.03	20.76	20.48	20.30	20.29	20.40	19.87	19.79	20.10	20.26	20.56	---



01-0834 Margate Firehouse 1 Obs

NJ-WRD Well Number, 01-0834. Site I.D., 392017074300201. Local I.D., Margate Firehouse 1 Obs.

LOCATION.--Lat 39°20'17", long 74°30'01", Hydrologic Unit 02040302, behind Margate Firehouse No. 2, Fremont Ave., Margate City.

AQUIFER.--Piney Point aquifer of Eocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 997 ft, screened 970 to 991 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Water-level recorder, May 1988 to May 1997.

DATUM.--Land surface is 5 ft above NGVD of 1929. Measuring point: Top of recorder shelf, 2.00 ft above land surface.

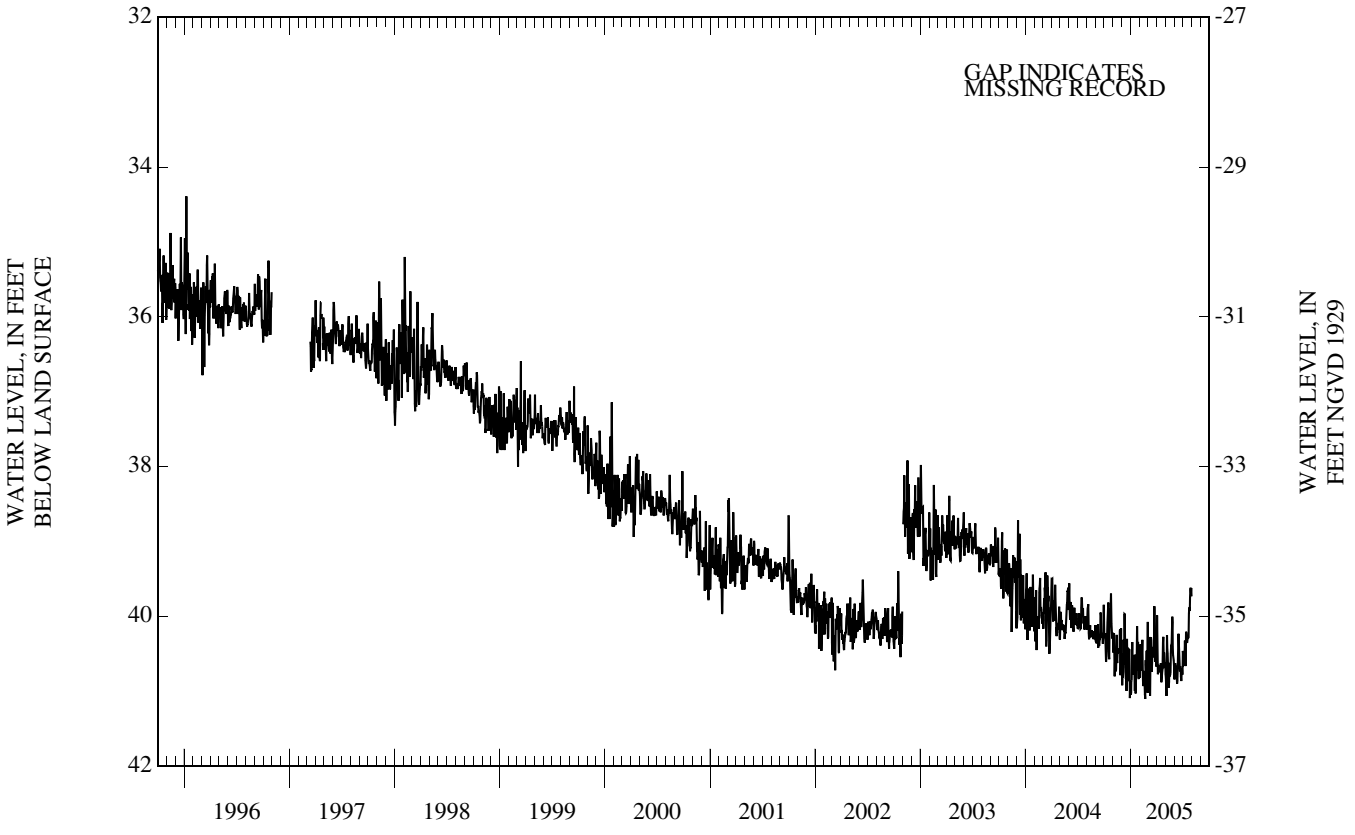
REMARKS.--Water level is affected by tidal fluctuation. The well was pumped on Oct. 31, 2002. After pumping, the water-level did not return to its previous level. Therefore, the screen may have been partially clogged prior to the pumping.

PERIOD OF RECORD.--May 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 31.05 ft below land surface, June 2, 1988; lowest, 41.68 ft below land surface, Mar. 9, and May 5, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	40.35	40.46	40.81	40.65	40.54	40.84	40.77	41.06	40.66	40.63	---	---
10	40.35	40.73	39.97	40.65	40.31	40.81	40.69	40.62	40.85	40.66	---	---
15	39.82	40.62	40.83	41.00	40.82	40.74	40.63	40.65	40.30	40.35	---	---
20	39.90	40.44	40.56	40.71	41.10	40.42	40.74	40.50	40.70	40.28	---	---
25	39.83	40.17	40.69	40.61	40.46	40.14	40.51	40.00	40.86	39.87	---	---
EOM	40.22	40.59	40.91	40.45	40.59	40.67	40.61	40.67	40.67	39.62	---	---
MEAN	40.19	40.49	40.64	40.67	40.70	40.51	40.62	40.60	40.69	40.21	---	---
MAX	40.61	40.80	41.09	41.04	41.10	41.06	40.88	41.06	40.90	40.66	---	---
MIN	39.70	40.16	39.97	40.13	40.31	39.86	39.99	40.00	40.23	39.62	---	---



01-1219 Hamilton Twp 9 Obs

NJ-WRD Well Number, 01-1219. Site I.D., 392640074372401. Local I.D., Hamilton Twp 9 Obs. NJ Permit Number, 36-16546.

LOCATION.--Lat 39°26'40", long 74°37'23", Hydrologic Unit 02040302, about 700 ft north of the Black Horse Pike (US 40 and 322) and 25 ft east of Lowell Ave., Hamilton Township.

AQUIFER.--Piney Point aquifer of Eocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 742 ft, screened 722 to 742 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape.

DATUM.--Land surface is 68 ft above NGVD of 1929, from topographic map. Measuring point: Top of protective casing, 2.20 ft above land surface.

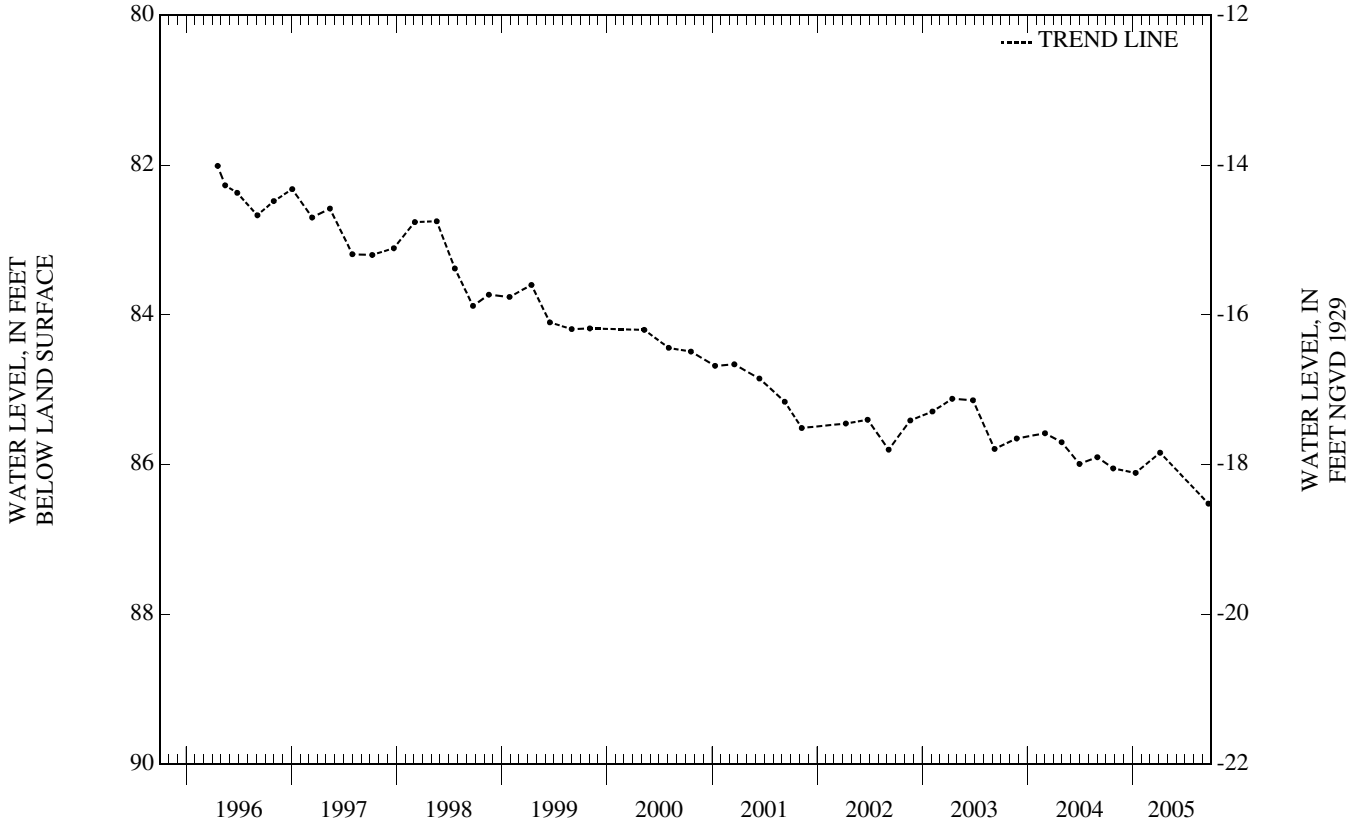
PERIOD OF RECORD.--Apr. 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 82.01 ft below land surface, Apr. 19, 1996; lowest, 86.52 ft below land surface, Sept. 21, 2005.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	86.05	JAN 11	86.11	APR 06	85.84	SEP 21	86.52

WATER YEAR 2005 HIGHEST 85.84 APR 06, 2005 LOWEST 86.52 SEP 21, 2005



01-1457 Richard Stockton College 2

NJ-WRD Well Number, 01-1457. Site I.D., 392914074323401. Local I.D., Richard Stockton College 2.

LOCATION.--Lat 39°29'13.7", long 74°32'33.7", Hydrologic Unit 02040301, in a wooded area of Richard Stockton College, Galloway Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Driven water-table observation well, diameter 1.25 in., depth 6.85 ft, screened 5.85 to 6.85 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 44.80 ft above NGVD of 1929, from digital elevation model. The land surface elevation is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and well Richard Stockton 1 (01-1458) is accurate to within 0.01 ft, from differential surveying. Measuring point: Top of casing, 2,15 ft above land surface.

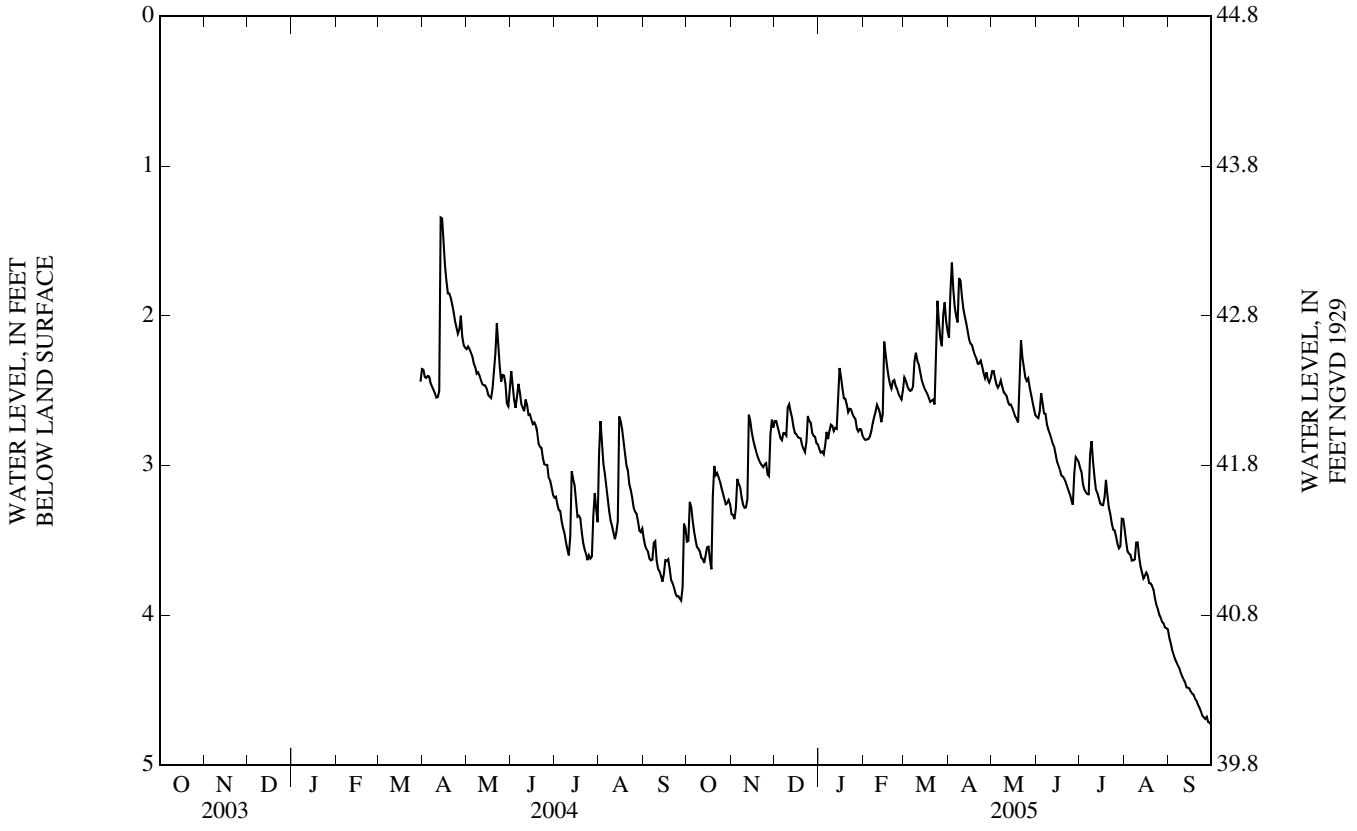
PERIOD OF RECORD.--March 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.10 ft below land surface, Apr. 13, 2004; lowest, 4.75 ft below land surface, Sep. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.37	3.09	2.82	2.87	2.81	2.50	1.94	2.48	2.59	3.18	3.59	4.29
10	3.57	3.28	2.61	2.73	2.59	2.30	1.87	2.52	2.78	2.97	3.51	4.41
15	3.55	2.77	2.78	2.35	2.17	2.48	2.16	2.61	2.97	3.25	3.74	4.49
20	3.00	2.96	2.86	2.59	2.48	2.56	2.28	2.43	3.09	3.19	3.80	4.57
25	3.15	2.98	2.70	2.67	2.52	2.05	2.38	2.43	3.23	3.43	3.99	4.68
EOM	3.26	2.75	2.86	2.80	2.50	2.10	2.42	2.66	2.97	3.36	4.09	4.73
MEAN	3.37	3.03	2.77	2.70	2.58	2.34	2.13	2.50	2.91	3.23	3.77	4.49
MAX	3.69	3.36	2.91	2.92	2.83	2.59	2.45	2.71	3.26	3.55	4.09	4.73
MIN	3.00	2.66	2.59	2.35	2.17	1.90	1.64	2.16	2.52	2.84	3.43	4.15

WTR YR 2005 MEAN 2.99 HIGH 1.64 APR 3 LOW 4.73 SEP 30



01-1458 Richard Stockton College 1

NJ-WRD Well Number, 01-1458. Site I.D., 392922074321601. Local I.D., Richard Stockton College 1.

LOCATION.--Lat 39°29'21.9", long 74°32'15.9", Hydrologic Unit 02040301, in a wooded area of Richard Stockton College, Galloway Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Driven water-table observation well, diameter 1.25 in., depth 6.0 ft, screened 5.0 to 6.0 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 39.26 ft above NGVD of 1929, from digital elevation model. The land surface elevation is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and well Richard Stockton 2 (01-1457) is accurate to within 0.01 ft, from differential surveying. Measuring point: Top of casing, 2.00 ft above land surface.

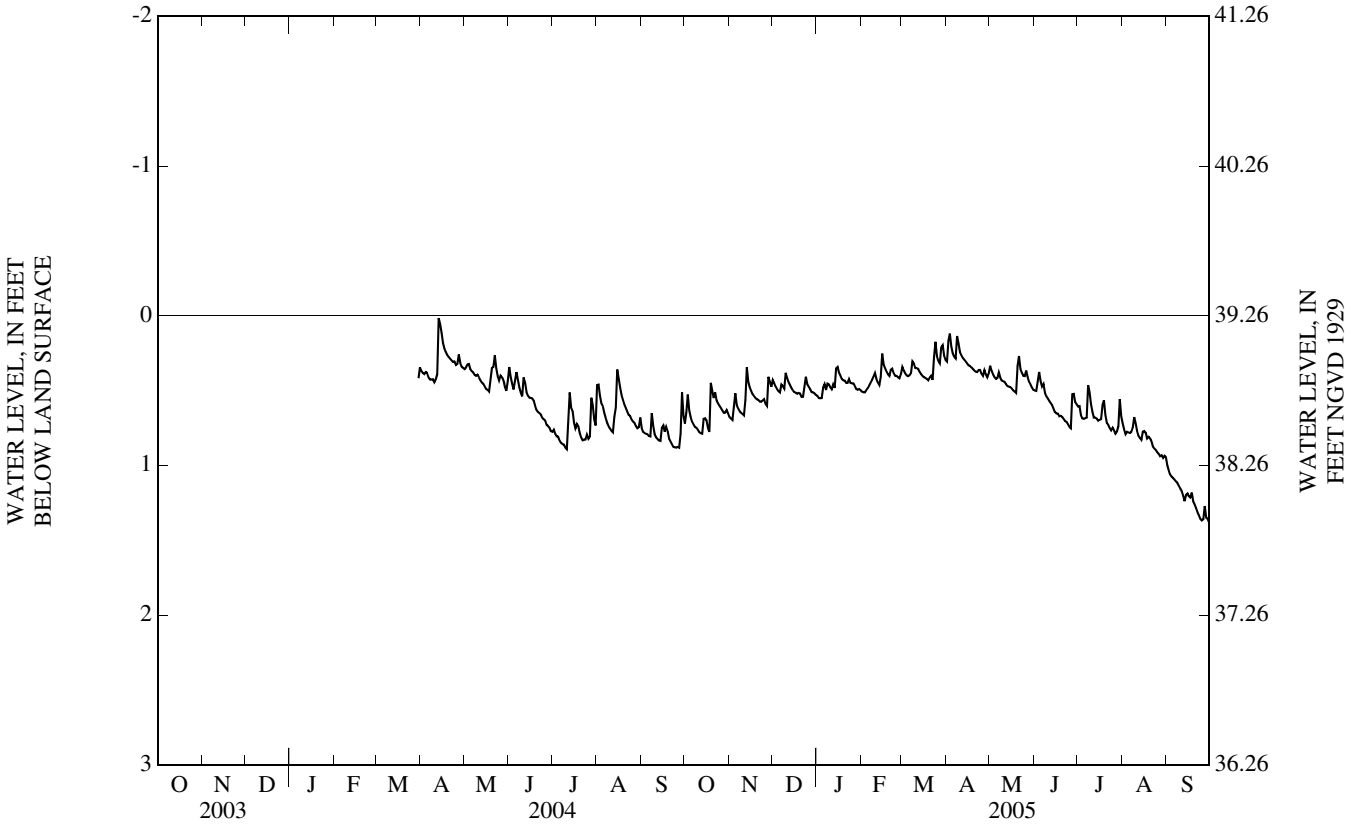
PERIOD OF RECORD.--March 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 0.05 ft above land surface, Apr, 13, 2004; lowest, 1.44 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	0.68	0.52	0.50	0.48	0.48	0.40	0.25	0.42	0.43	0.69	0.78	1.08
10	0.76	0.65	0.38	0.48	0.38	0.35	0.24	0.44	0.55	0.59	0.72	1.15
15	0.68	0.48	0.50	0.34	0.25	0.40	0.32	0.47	0.64	0.70	0.77	1.19
20	0.50	0.56	0.52	0.43	0.40	0.41	0.36	0.34	0.67	0.66	0.82	1.26
25	0.60	0.55	0.46	0.45	0.40	0.27	0.39	0.40	0.74	0.75	0.91	1.37
EOM	0.65	0.47	0.53	0.50	0.39	0.29	0.38	0.49	0.59	0.67	0.94	1.38
MEAN	0.66	0.56	0.48	0.46	0.41	0.34	0.30	0.42	0.59	0.67	0.82	1.21
MAX	0.79	0.69	0.54	0.55	0.51	0.43	0.41	0.51	0.75	0.79	0.95	1.38
MIN	0.45	0.34	0.38	0.34	0.25	0.17	0.12	0.27	0.38	0.46	0.68	1.00

WTR YR 2005 MEAN 0.58 HIGH 0.12 APR 3 LOW 1.38 SEP 30



01-1459 Albertson Brook 2

NJ-WRD Well Number, 01-1459. Site I.D., 394127074463201. Local I.D., Albertson Brook 2.

LOCATION.--Lat 39°41'27.1", long 74°46'31.5", Hydrologic Unit 02040301, in Wharton State Forest, Hammonton Town.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Driven water-table observation well, diameter 1.25 in., depth 7.1 ft, screened 6.1 to 7.1 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

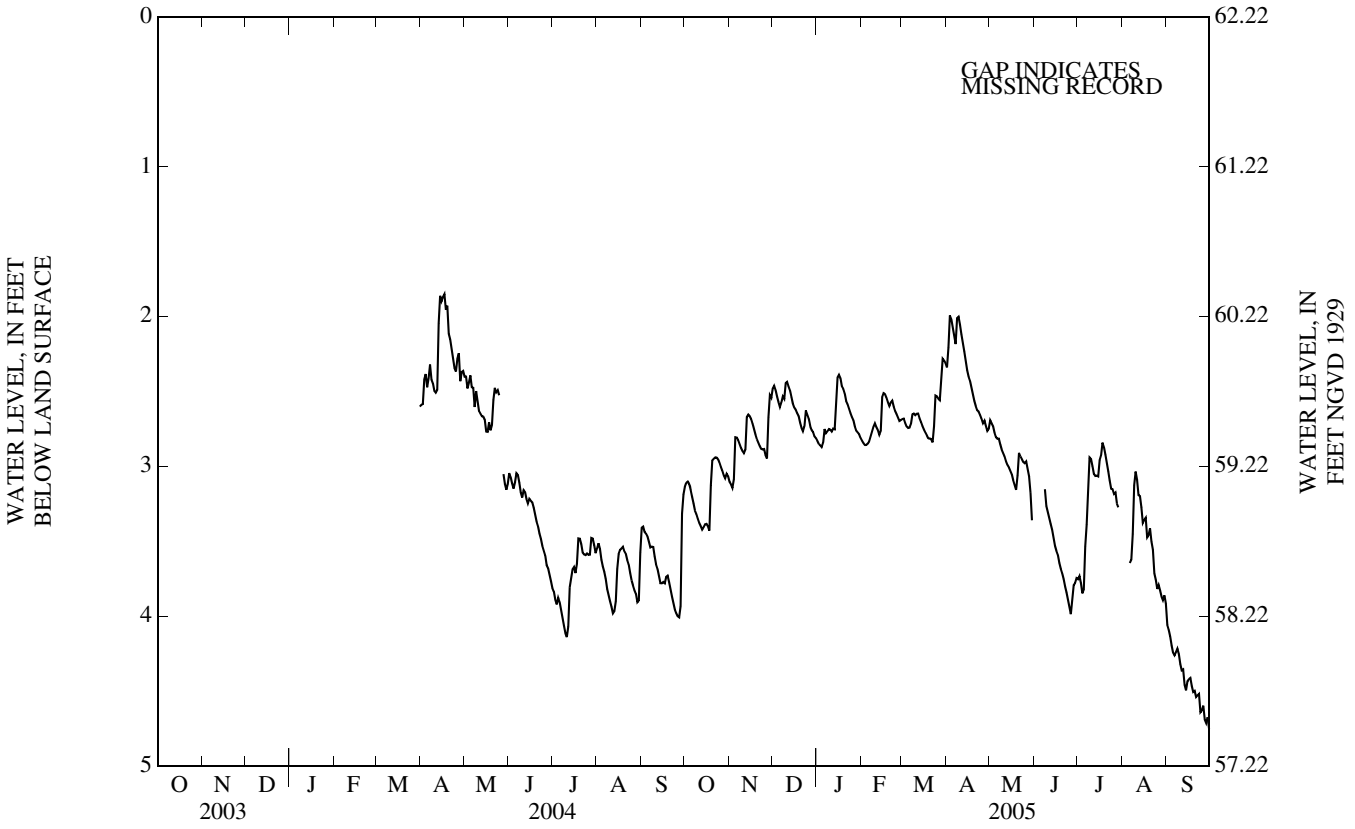
DATUM.--Land surface is 62.22 ft above NGVD of 1929, from digital elevation model. Measuring point: Top of casing, 2.90 ft above land surface.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.78 ft below land surface, Apr. 14, Apr. 16-17, 2004; lowest, 4.78 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.16	2.81	2.57	2.84	2.85	2.74	2.07	2.80	---	3.82	---	4.24
10	3.35	2.90	2.44	2.75	2.71	2.66	2.05	2.91	3.30	2.95	3.03	4.32
15	3.39	2.66	2.58	2.41	2.54	2.73	2.36	3.03	3.53	3.07	3.38	4.43
20	2.96	2.82	2.71	2.51	2.60	2.81	2.56	3.06	3.71	2.92	3.41	4.50
25	2.97	2.88	2.66	2.67	2.65	2.53	2.68	2.98	3.94	3.15	3.82	4.63
EOM	3.07	2.54	2.81	2.81	2.69	2.31	2.75	---	3.75	---	3.92	4.75
MEAN	3.17	2.83	2.61	2.68	2.70	2.65	2.38	---	---	---	---	4.42
MAX	3.43	3.14	2.81	2.87	2.86	2.84	2.76	---	---	---	---	4.75
MIN	2.94	2.52	2.44	2.39	2.51	2.28	1.99	---	---	---	---	4.06



01-1498 MM OW-1M

NJ-WRD Well Number, 01-1498. Site I.D., 392904074333401. Local I.D., MM OW-1M.

LOCATION.--Lat 39°29'04.3", long 74°33'33.8", Hydrologic Unit 02040301, near the intersection of Pomona Rd. and Duerer St.at Richard Stockton College, Galloway Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 2 in., depth 65 ft, screened 55 to 65 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 57.09 ft above NGVD of 1929, from digital elevation model. The land surface elevation is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and wells MM OW-1S (01-1500) and MM OW-1D (01-1499) is accurate to within 0.01 ft, from differential surveying. Measuring point: Top of casing, 1.80 ft above land surface.

REMARKS.--Water level is affected by nearby pumping.

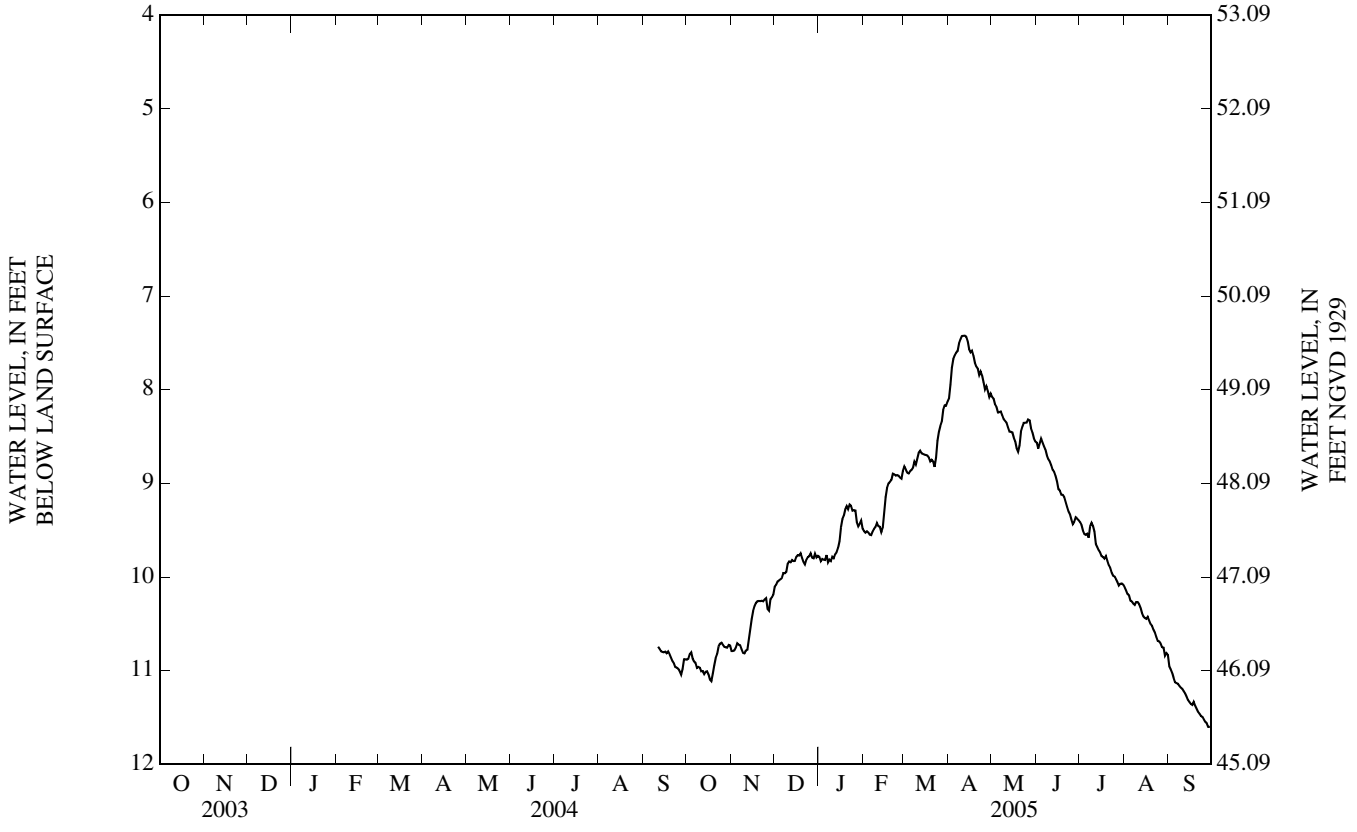
PERIOD OF RECORD.--Sept. 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 7.39 ft below land surface, Apr, 13, 2005; lowest, 11.76 ft below land surface, Sept. 28, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	10.87	10.71	10.03	9.82	9.55	8.87	7.63	8.24	8.56	9.55	10.25	11.12
10	10.97	10.82	9.86	9.78	9.42	8.74	7.42	8.33	8.77	9.45	10.27	11.19
15	11.01	10.45	9.83	9.62	9.30	8.69	7.57	8.46	8.98	9.74	10.44	11.34
20	10.94	10.26	9.80	9.24	8.96	8.75	7.75	8.59	9.14	9.83	10.52	11.41
25	10.70	10.23	9.78	9.29	8.92	8.45	7.92	8.35	9.39	9.99	10.69	11.52
EOM	10.73	10.19	9.77	9.48	8.87	8.13	8.04	8.55	9.39	10.08	10.83	11.61
MEAN	10.89	10.50	9.86	9.56	9.24	8.65	7.72	8.38	8.99	9.75	10.46	11.32
MAX	11.11	10.82	10.10	9.85	9.55	8.89	8.09	8.66	9.44	10.09	10.84	11.61
MIN	10.70	10.19	9.75	9.23	8.87	8.13	7.42	8.08	8.52	9.41	10.11	10.95

WTR YR 2005 MEAN 9.61 HIGH 7.42 APR 10 LOW 11.61 SEP 30



01-1499 MM OW-1D

NJ-WRD Well Number, 01-1499. Site I.D., 392904074333402. Local I.D., MM OW-1D.

LOCATION.--Lat 39°29'04.3", long 74°33'34.1", Hydrologic Unit 02040301, near the intersection of Pomona Rd. and Duerer St.at Richard Stockton College, Galloway Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 2 in., depth 165 ft, screened 155 to 165 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 56.37 ft above NGVD of 1929, from digital elevation model. The land surface elevation is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and wells MM OW-1S (01-1500) and MM OW-1M (01-1498) is accurate to within 0.01 ft, from differential surveying. Measuring point: Top of casing, 2.00 ft above land surface.

REMARKS.--Water level is affected by nearby pumping.

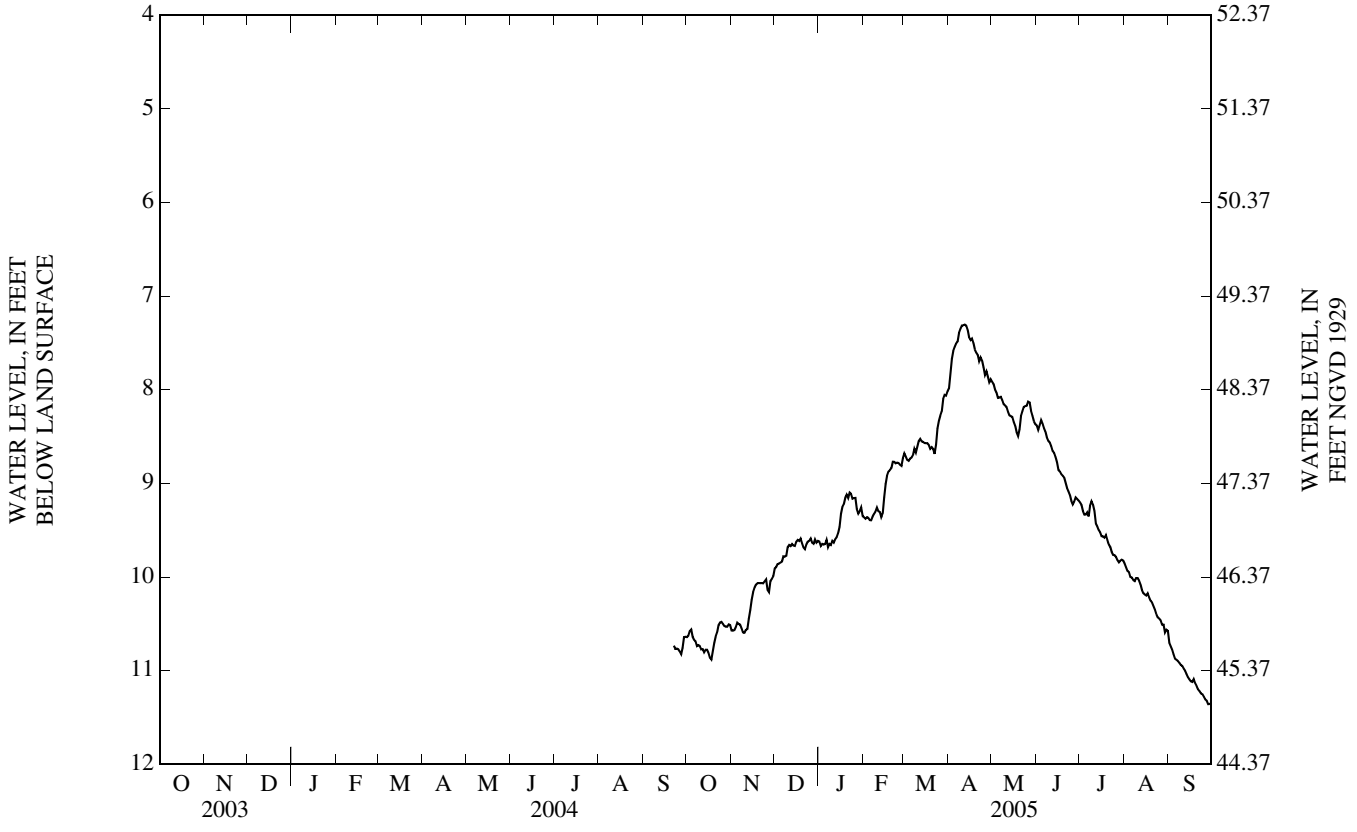
PERIOD OF RECORD.--Sept. 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 7.26 ft below land surface, Apr, 13, 2005; lowest, 11.47 ft below land surface, Sept. 28, 2004.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	10.64	10.49	9.85	9.65	9.39	8.73	7.54	8.09	8.36	9.33	10.00	10.87
10	10.74	10.60	9.68	9.62	9.26	8.61	7.31	8.17	8.56	9.23	10.01	10.95
15	10.78	10.24	9.67	9.46	9.15	8.57	7.44	8.29	8.77	9.52	10.19	11.09
20	10.70	10.06	9.64	9.12	8.84	8.61	7.61	8.42	8.94	9.60	10.27	11.16
25	10.48	10.03	9.61	9.16	8.78	8.33	7.76	8.17	9.19	9.77	10.44	11.28
EOM	10.51	9.99	9.62	9.34	8.73	8.02	7.89	8.37	9.18	9.82	10.58	11.36
MEAN	10.66	10.29	9.70	9.41	9.09	8.52	7.59	8.21	8.79	9.52	10.21	11.07
MAX	10.88	10.60	9.91	9.68	9.39	8.76	7.99	8.49	9.23	9.84	10.59	11.36
MIN	10.48	9.99	9.59	9.10	8.73	8.02	7.30	7.92	8.32	9.19	9.85	10.70

WTR YR 2005 MEAN 9.42 HIGH 7.30 APR 12 LOW 11.36 SEP 28



01-1500 MM OW-1S

NJ-WRD Well Number, 01-1500. Site I.D., 392904074333403. Local I.D., MM OW-1S.

LOCATION.--Lat 39°29'04.4", long 74°33'34.1", Hydrologic Unit 02040301, near the intersection of Pomona Rd. and Duerer St. at Richard Stockton College, Galloway Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 2 in., depth 22 ft, screened 12 to 22 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 56.89 ft above NGVD of 1929, from digital elevation model. The land surface elevation is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and wells MM OW-1M (01-1498) and MM OW-1D (01-1499) is accurate to within 0.01 ft, from differential surveying. Measuring point: Top of casing, 1.70 ft above land surface.

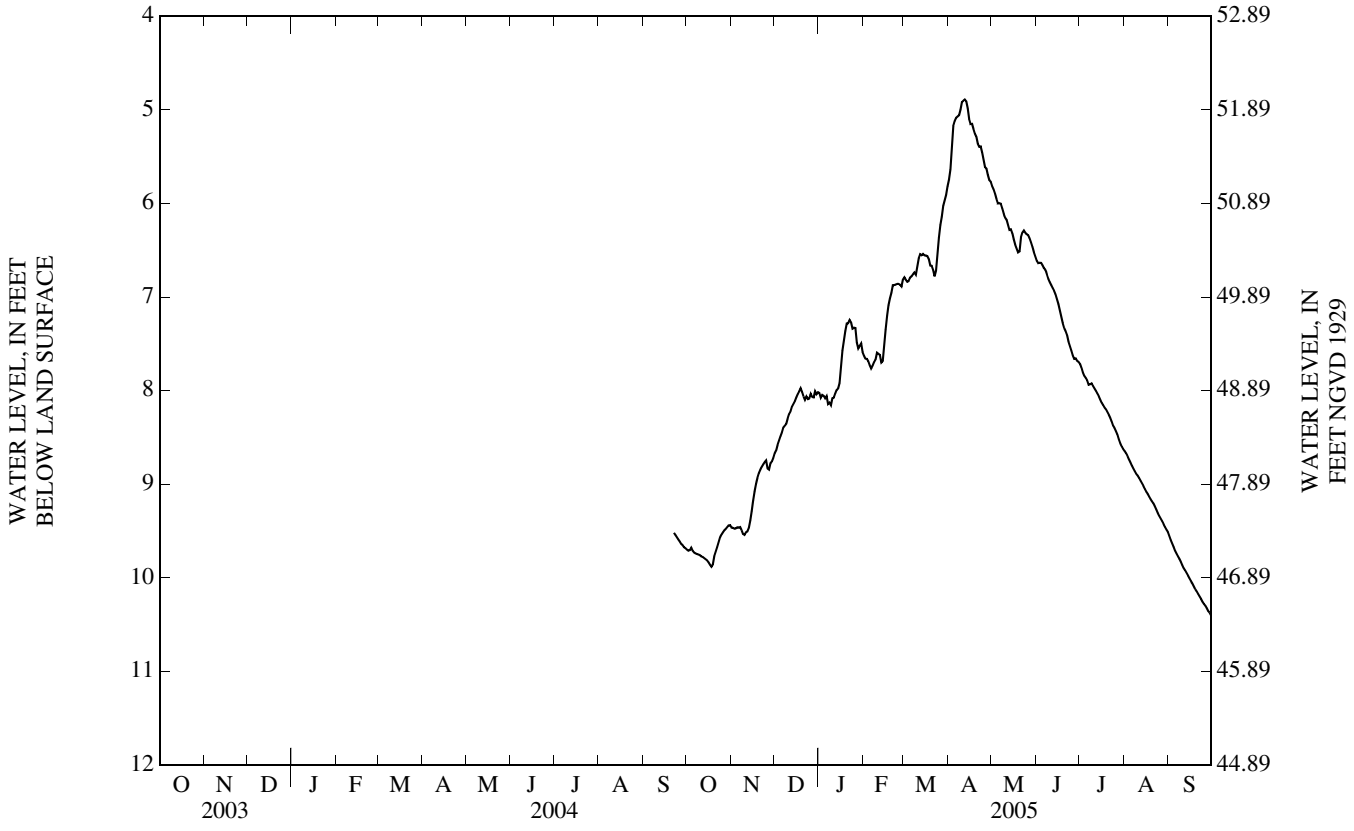
PERIOD OF RECORD.--Sept. 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 4.87 ft below land surface, Apr, 12-13, 2005; lowest, 10.41 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	9.71	9.46	8.49	8.08	7.73	6.79	5.12	6.00	6.66	7.86	8.76	9.71
10	9.76	9.54	8.29	8.08	7.59	6.67	4.92	6.15	6.84	7.95	8.90	9.86
15	9.81	9.29	8.11	7.92	7.52	6.55	5.10	6.32	7.02	8.09	9.05	10.00
20	9.77	8.88	8.01	7.28	6.95	6.67	5.28	6.51	7.33	8.23	9.18	10.14
25	9.54	8.74	8.08	7.33	6.86	6.36	5.53	6.33	7.57	8.40	9.34	10.28
EOM	9.44	8.72	8.02	7.59	6.81	5.81	5.76	6.57	7.69	8.62	9.51	10.40
MEAN	9.69	9.16	8.20	7.73	7.34	6.54	5.29	6.25	7.11	8.14	9.08	10.01
MAX	9.88	9.54	8.67	8.15	7.76	6.84	5.76	6.57	7.69	8.62	9.51	10.40
MIN	9.44	8.72	7.97	7.24	6.81	5.81	4.89	5.81	6.61	7.71	8.64	9.55

WTR YR 2005 MEAN 7.88 HIGH 4.89 APR 12 LOW 10.40 SEP 30



01-1501 MM OW-2S

NJ-WRD Well Number, 01-1501. Site I.D., 392933074310901. Local I.D., MM OW-2S.

LOCATION.--Lat 39°29'32.6", long 74°31'09.2", Hydrologic Unit 02040301, in a wooded area of Richard Stockton College, Galloway Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 2 in., depth 40 ft, screened 30 to 40 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 41.14 ft above NGVD of 1929, from digital elevation model. The land surface elevation is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and wells MM OW-2M (01-1502) and MM OW-2D (01-1503) is accurate to within 0.01 ft, from differential surveying. Measuring point: Top of casing, 1.70 ft above land surface.

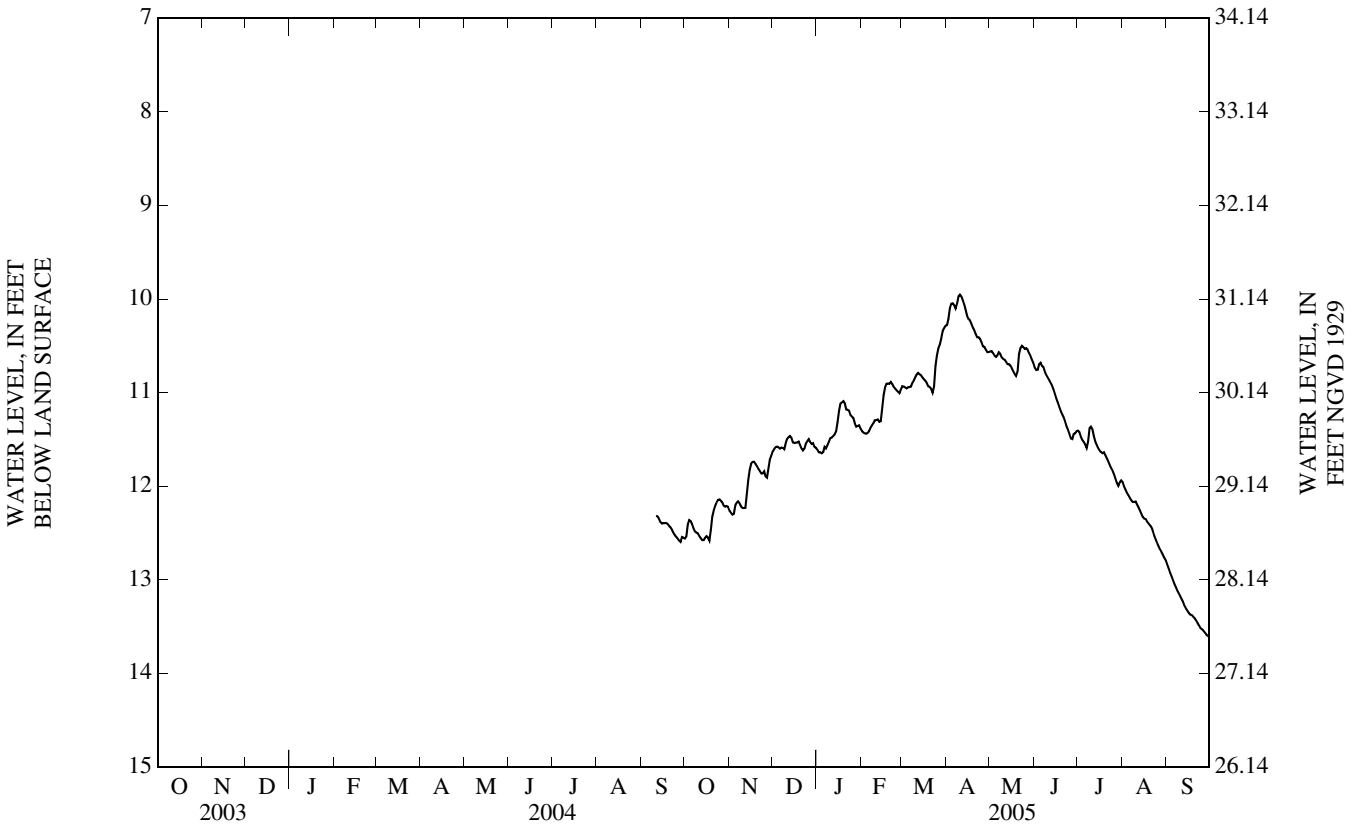
PERIOD OF RECORD.--Sept. 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 9.95 ft below land surface, Apr. 10-11, 2005; lowest, 13.62 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	12.37	12.20	11.58	11.64	11.43	10.94	10.04	10.62	10.68	11.53	12.10	13.00
10	12.50	12.23	11.54	11.48	11.29	10.83	9.95	10.64	10.84	11.36	12.16	13.17
15	12.55	11.82	11.53	11.32	11.16	10.84	10.18	10.71	11.01	11.59	12.33	13.33
20	12.32	11.78	11.56	11.11	10.90	10.94	10.33	10.78	11.23	11.67	12.42	13.41
25	12.14	11.84	11.52	11.25	10.97	10.60	10.46	10.53	11.44	11.83	12.61	13.53
EOM	12.22	11.67	11.59	11.38	10.97	10.28	10.57	10.68	11.41	11.94	12.79	13.61
MEAN	12.38	11.98	11.55	11.38	11.16	10.78	10.24	10.63	11.06	11.64	12.36	13.29
MAX	12.58	12.30	11.63	11.65	11.44	11.00	10.57	10.82	11.49	11.99	12.79	13.61
MIN	12.14	11.67	11.46	11.09	10.88	10.28	9.95	10.50	10.68	11.36	11.95	12.84

WTR YR 2005 MEAN 11.54 HIGH 9.95 APR 10 LOW 13.61 SEP 30



01-1502 MM OW-2M

NJ-WRD Well Number, 01-1502. Site I.D., 392933074310902. Local I.D., MM OW-2M.

LOCATION.--Lat 39°29'32.9", long 74°31'09.1", Hydrologic Unit 02040301, in a wooded area of Richard Stockton College, Galloway Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 2 in., depth 73 ft, screened 63 to 73 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 41.12 ft above NGVD of 1929, from digital elevation model. The land surface elevation is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and wells MM OW-2S (01-1501) and MM OW-2D (01-1503) is accurate to within 0.01 ft, from differential surveying. Measuring point: Top of casing, 1.80 ft above land surface.

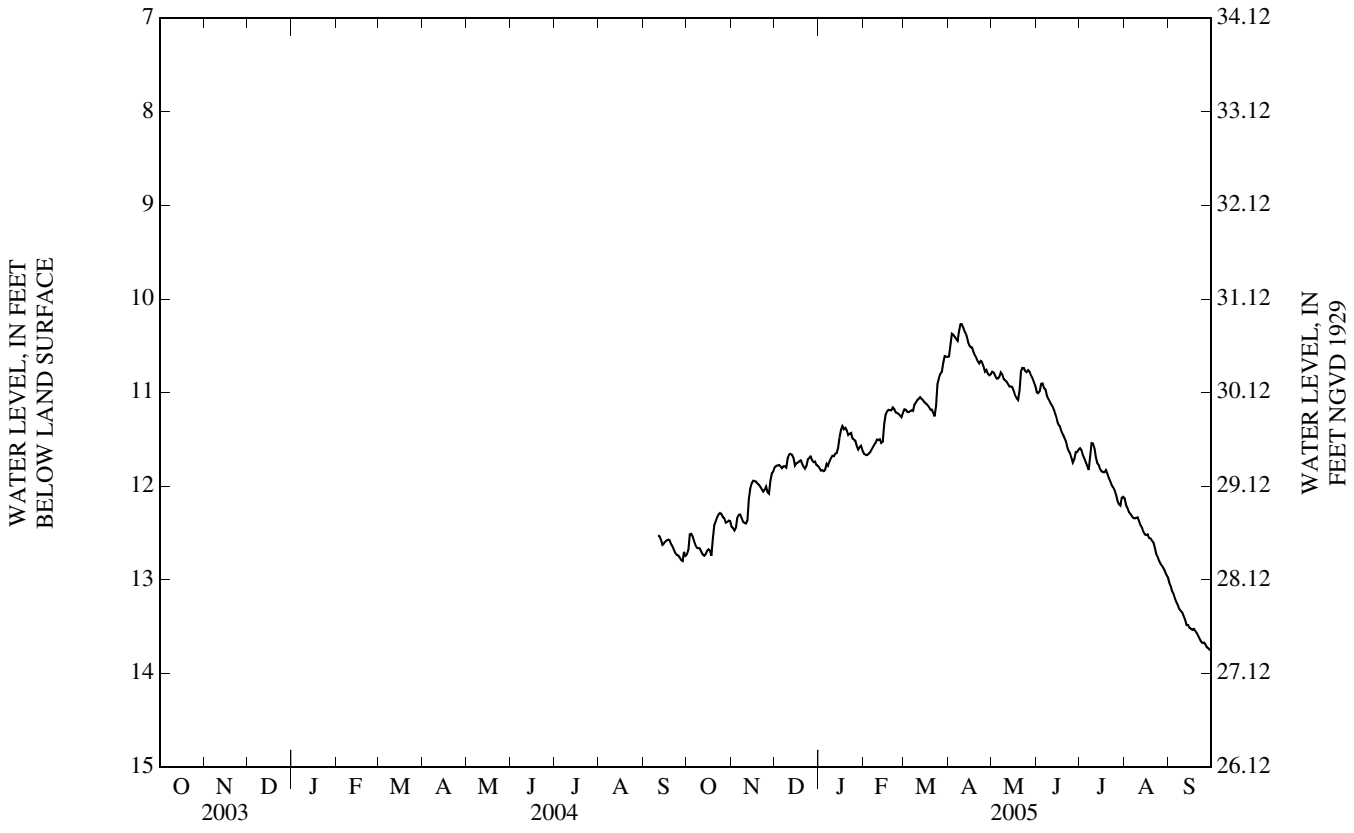
PERIOD OF RECORD.--Sept. 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 10.25 ft below land surface, Apr. 9-10, 2005; lowest, 13.77 ft below land surface, Sept. 29-30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	12.53	12.33	11.79	11.82	11.64	11.20	10.40	10.85	10.90	11.74	12.29	13.20
10	12.66	12.39	11.70	11.67	11.50	11.08	10.27	10.87	11.09	11.54	12.33	13.35
15	12.69	11.97	11.78	11.48	11.33	11.10	10.49	10.94	11.29	11.82	12.51	13.51
20	12.41	11.98	11.75	11.40	11.19	11.18	10.63	10.97	11.48	11.86	12.58	13.56
25	12.29	12.00	11.70	11.50	11.23	10.84	10.72	10.78	11.69	12.04	12.80	13.67
EOM	12.37	11.84	11.78	11.62	11.22	10.62	10.80	10.93	11.61	12.11	12.97	13.75
MEAN	12.53	12.15	11.75	11.60	11.40	11.04	10.54	10.86	11.31	11.85	12.54	13.46
MAX	12.74	12.47	11.81	11.84	11.67	11.25	10.81	11.08	11.75	12.20	12.97	13.75
MIN	12.28	11.84	11.65	11.36	11.16	10.61	10.27	10.73	10.90	11.54	12.13	13.03

WTR YR 2005 MEAN 11.75 HIGH 10.27 APR 9 LOW 13.75 SEP 29



01-1503 MM OW-2D

NJ-WRD Well Number, 01-1503. Site I.D., 392933074310903. Local I.D., MM OW-2D.

LOCATION.--Lat 39°29'33.1", long 74°31'09.3", Hydrologic Unit 02040301, in a wooded area of Richard Stockton College, Galloway Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 2 in., depth 170 ft, screened 160 to 170 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 41.70 ft above NGVD of 1929, from digital elevation model. The land surface elevation is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and wells MM OW-2S (01-1501) and MM OW-2M (01-1502) is accurate to within 0.01 ft, from differential surveying. Measuring point: Top of casing, 1.70 ft above land surface.

REMARKS.--Water level is affected by nearby pumping.

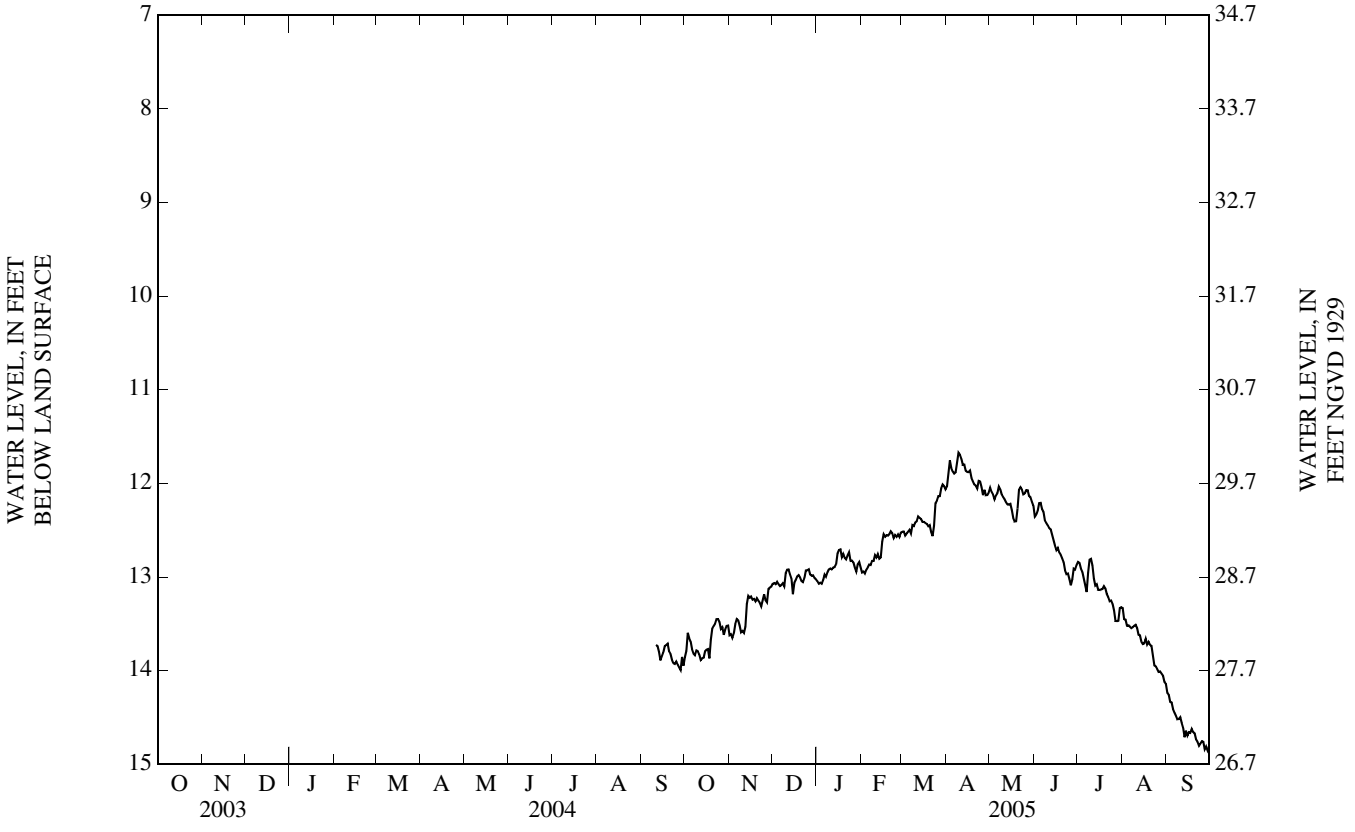
PERIOD OF RECORD.--Sept. 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 11.63 ft above land surface, Apr. 9, 2005; lowest, 14.95 ft below land surface, Sept. 23, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	13.69	13.50	13.08	13.03	12.90	12.52	11.87	12.13	12.21	13.02	13.52	14.41
10	13.79	13.57	12.96	12.91	12.77	12.42	11.69	12.15	12.45	12.81	13.51	14.50
15	13.79	13.22	13.18	12.75	12.62	12.41	11.88	12.22	12.66	13.14	13.72	14.69
20	13.55	13.23	13.00	12.79	12.54	12.45	12.01	12.27	12.80	13.12	13.72	14.67
25	13.48	13.19	12.93	12.82	12.57	12.19	12.04	12.11	13.02	13.29	13.98	14.75
EOM	13.52	13.10	13.03	12.89	12.53	12.06	12.10	12.24	12.87	13.32	14.14	14.81
MEAN	13.68	13.36	13.02	12.88	12.71	12.37	11.92	12.16	12.64	13.12	13.72	14.61
MAX	13.89	13.65	13.18	13.07	12.96	12.56	12.13	12.41	13.09	13.47	14.14	14.85
MIN	13.45	13.10	12.92	12.71	12.51	12.01	11.67	12.03	12.21	12.81	13.33	14.24

WTR YR 2005 MEAN 13.02 HIGH 11.67 APR 9 LOW 14.85 SEP 29



01-1504 AB OW-2D

NJ-WRD Well Number, 01-1504. Site I.D., 394138074453201. Local I.D., AB OW-2D.

LOCATION.--Lat 39°41'37.7", long 74°45'31.8", Hydrologic Unit 02040301, about 700 ft west of Rt. 206, in Wharton State Forest, Hammonton Town.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 2 in., depth 160 ft, screened 150 to 160 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 56.89 ft above NGVD of 1929, from digital elevation model. The land surface elevation is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and wells AB OW-2S (01-1505) and AB OW-2M (01-1506) is accurate to within 0.01 ft, from differential surveying. Measuring point: Top of casing, 1.50 ft above land surface.

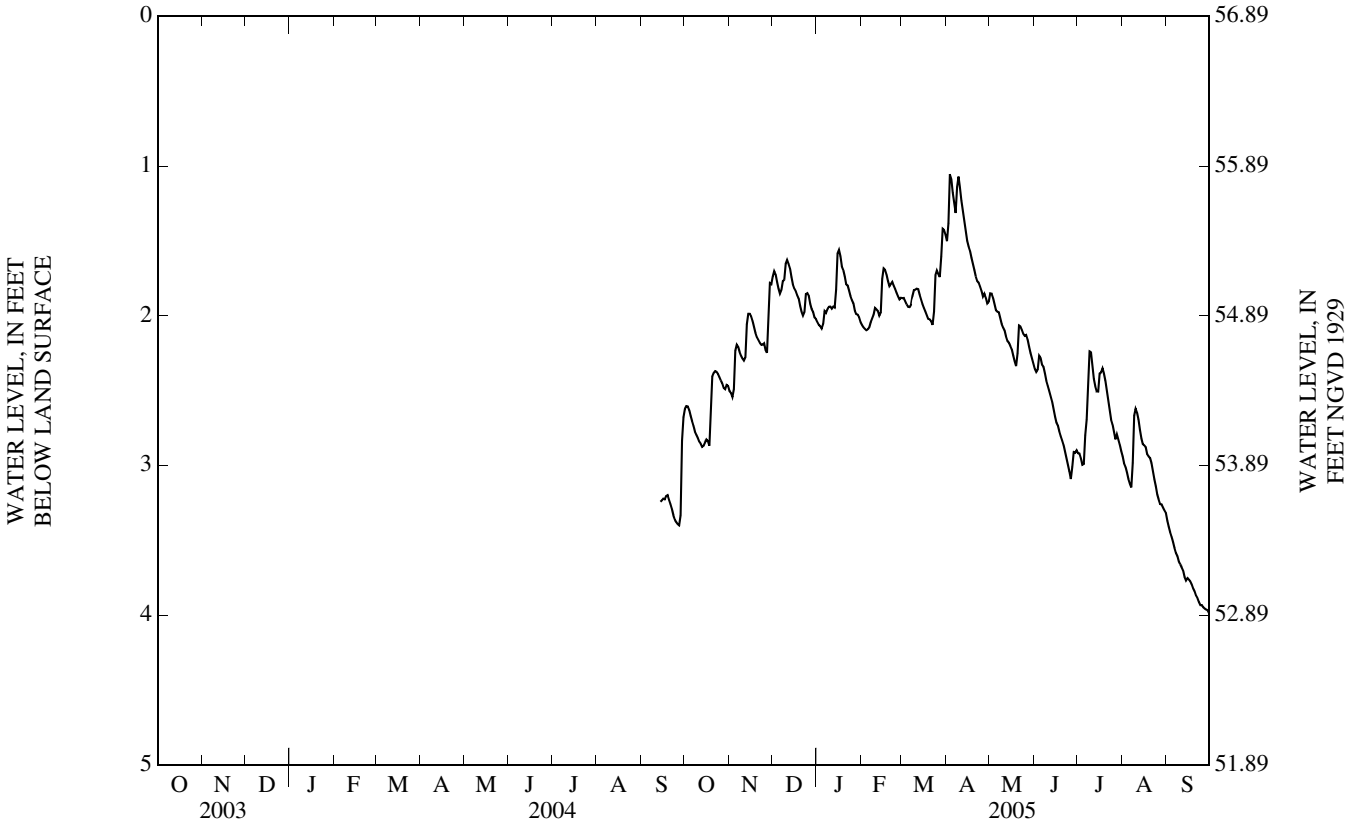
PERIOD OF RECORD.--Sept. 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.04 ft below land surface, Apr. 3, 8- 9, 2005; lowest, 4.02 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.67	2.23	1.82	2.05	2.09	1.94	1.18	1.96	2.28	2.99	3.09	3.51
10	2.81	2.28	1.65	1.94	1.95	1.83	1.14	2.08	2.47	2.24	2.62	3.66
15	2.85	1.99	1.79	1.58	1.75	1.92	1.50	2.20	2.67	2.50	2.86	3.75
20	2.40	2.14	1.93	1.74	1.80	2.02	1.69	2.25	2.83	2.43	2.95	3.84
25	2.41	2.18	1.85	1.90	1.84	1.70	1.83	2.13	3.04	2.73	3.19	3.93
EOM	2.47	1.79	2.02	2.04	1.88	1.46	1.91	2.32	2.90	2.90	3.32	3.98
MEAN	2.63	2.18	1.83	1.89	1.91	1.84	1.51	2.11	2.66	2.63	3.00	3.74
MAX	2.87	2.54	2.02	2.08	2.10	2.06	1.92	2.33	3.09	2.99	3.32	3.98
MIN	2.37	1.78	1.63	1.56	1.68	1.42	1.05	1.85	2.27	2.24	2.62	3.37

WTR YR 2005 MEAN 2.33 HIGH 1.05 APR 3 LOW 3.98 SEP 30



01-1505 AB OW-2S

NJ-WRD Well Number, 01-1505. Site I.D., 394138074453202. Local I.D., AB OW-2S.

LOCATION.--Lat 39°41'37.9", long 74°45'31.6", Hydrologic Unit 02040301, about 700 ft west of Rt. 206, in Wharton State Forest, Hammonton Town.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 2 in., depth 50 ft, screened 40 to 50 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 56.77 ft above NGVD of 1929, from digital elevation model. The land surface elevation is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and wells AB OW-2M (01-1506) and AB OW-2D (01-1504) is accurate to within 0.01 ft, from differential surveying. Measuring point: Top of casing, 1.70 ft above land surface.

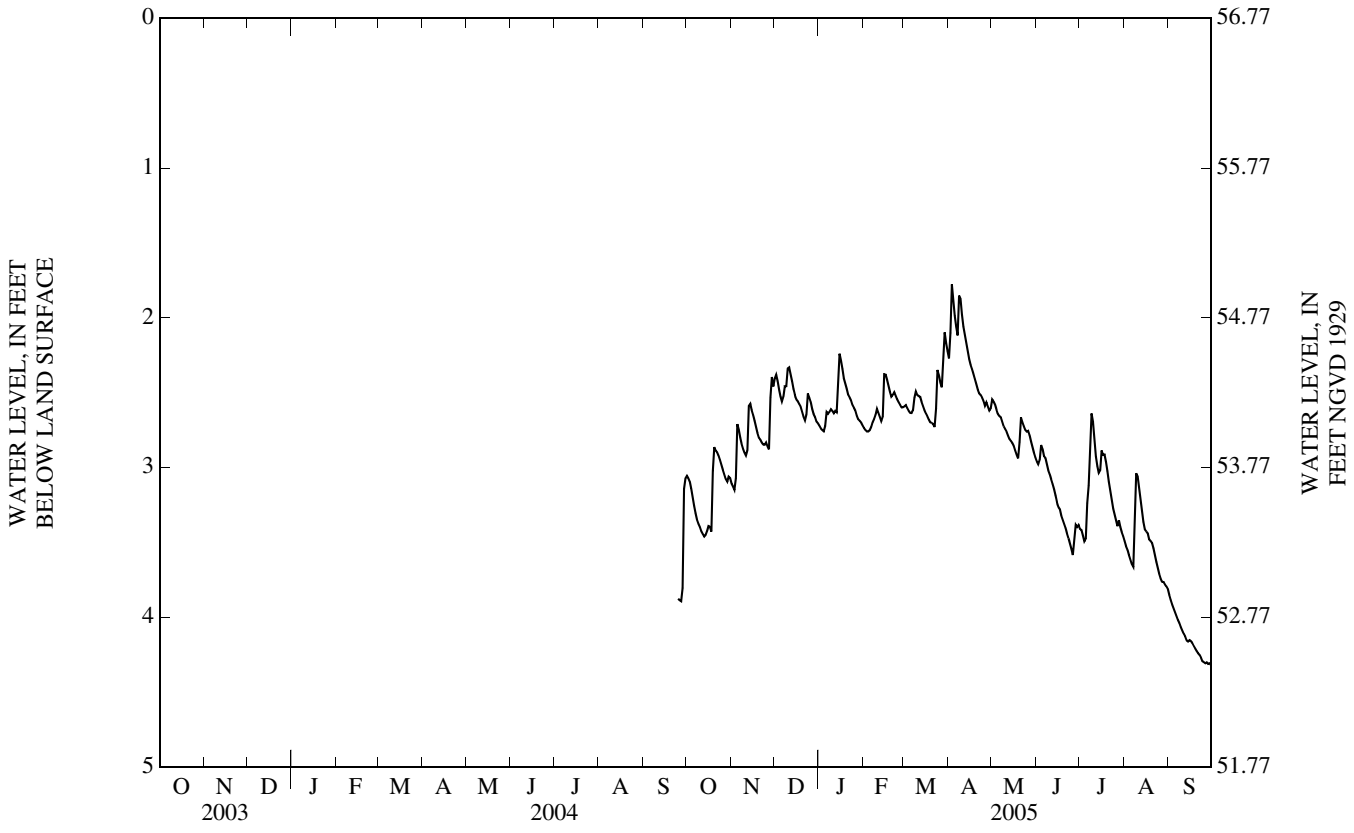
PERIOD OF RECORD.--Sept. 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.74 ft below land surface, Apr. 3, 2005; lowest, 4.35 ft below land surface, Sept. 28, 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.20	2.71	2.52	2.72	2.75	2.63	1.99	2.64	2.87	3.47	3.61	3.96
10	3.39	2.90	2.34	2.62	2.61	2.51	1.98	2.74	3.04	2.69	3.06	4.09
15	3.42	2.62	2.51	2.24	2.38	2.62	2.27	2.84	3.23	3.02	3.41	4.15
20	2.86	2.80	2.63	2.47	2.53	2.70	2.44	2.83	3.37	3.02	3.50	4.22
25	2.98	2.83	2.53	2.60	2.56	2.38	2.55	2.76	3.54	3.31	3.71	4.30
EOM	3.07	2.46	2.70	2.72	2.60	2.22	2.60	2.93	3.38	3.46	3.81	4.32
MEAN	3.18	2.79	2.53	2.59	2.60	2.53	2.27	2.76	3.21	3.15	3.52	4.14
MAX	3.46	3.15	2.70	2.76	2.76	2.73	2.62	2.94	3.58	3.49	3.81	4.32
MIN	2.86	2.39	2.33	2.24	2.38	2.10	1.78	2.54	2.85	2.64	3.04	3.85

WTR YR 2005 MEAN 2.94 HIGH 1.78 APR 3 LOW 4.32 SEP 30



01-1506 AB OW-2M

NJ-WRD Well Number, 01-1506. Site I.D., 394138074453101. Local I.D., AB OW-2M.

LOCATION.--Lat 39°41'38.0", long 74°45'31.4", Hydrologic Unit 02040301, about 700 ft west of Rt. 206, in Wharton State Forest, Hammonton Town.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 2 in., depth 92 ft, screened 82 to 92 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 56.76 ft above NGVD of 1929, from digital elevation model. The land surface elevation is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and wells AB OW-2S (01-1505) and AB OW-2D (0-1504) is accurate to within 0.01 ft, from differential surveying. Measuring point: Top of casing, 1.70 ft above land surface.

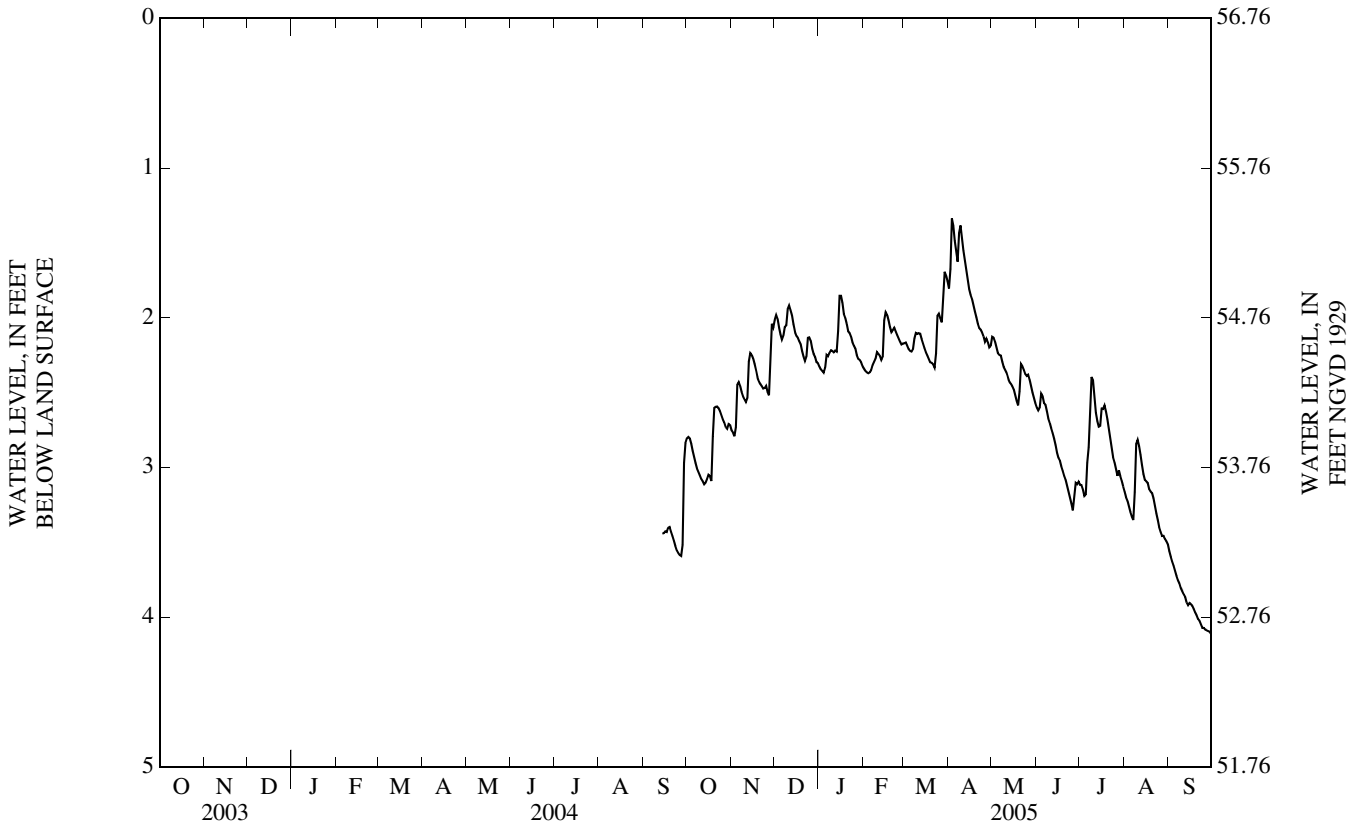
PERIOD OF RECORD.--Sept. 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.32 ft below land surface, Apr. 3, 2005; lowest, 4.18 ft below land surface, July 11, 2004.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.89	2.44	2.11	2.33	2.36	2.22	1.48	2.24	2.52	3.18	3.30	3.69
10	3.05	2.54	1.94	2.22	2.23	2.11	1.47	2.35	2.70	2.42	2.81	3.82
15	3.08	2.25	2.09	1.85	2.02	2.20	1.81	2.46	2.90	2.72	3.08	3.90
20	2.60	2.42	2.22	2.04	2.09	2.30	2.00	2.49	3.05	2.68	3.17	3.99
25	2.65	2.45	2.13	2.19	2.13	1.97	2.12	2.39	3.24	2.97	3.40	4.07
EOM	2.72	2.06	2.30	2.32	2.17	1.76	2.19	2.57	3.09	3.13	3.51	4.11
MEAN	2.85	2.44	2.12	2.18	2.19	2.12	1.81	2.38	2.89	2.84	3.21	3.89
MAX	3.11	2.79	2.30	2.37	2.37	2.33	2.20	2.58	3.28	3.19	3.51	4.11
MIN	2.59	2.04	1.92	1.85	1.96	1.69	1.34	2.13	2.50	2.39	2.81	3.56

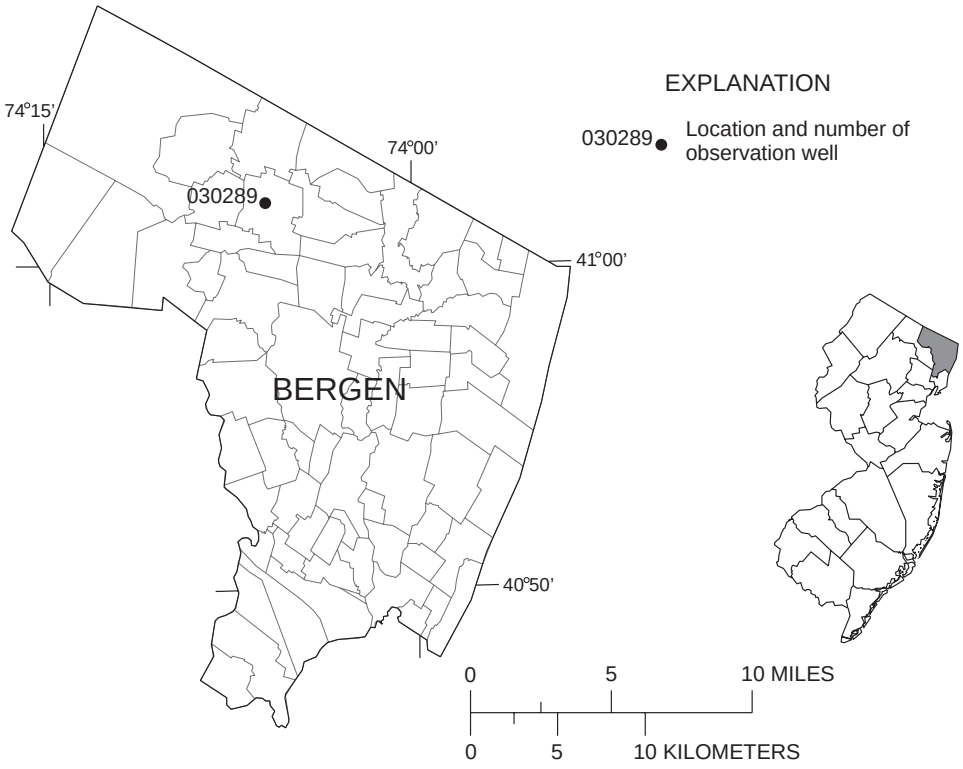
WTR YR 2005 MEAN 2.58 HIGH 1.34 APR 3 LOW 4.11 SEP 30



BERGEN COUNTY

NJ-WRD well number	Local identifier	Township	Well depth	Aquifer	Type of data
030289	SADDLE RIVER 17 OBS	SADDLE RIVER BORO	175	PSSC	DAILY

Aquifer names
PSSC - Passaic Formation



03-0289 Saddle River 17 Obs

NJ-WRD Well Number, 03-0289. Site I.D., 410155074060201. Local I.D., Saddle River 17 Obs. NJ Permit Number, 23095326.

LOCATION.--Lat 41°01'55", long 74°06'01", Hydrologic Unit 02030103, at the Saddle River Fire Station, East Saddle Rd. and East Allendale Rd., Saddle River Boro.

AQUIFER.--Passaic Formation of Triassic-Jurassic age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 175 ft, open hole 165 to 175 ft.

INSTRUMENTATION.--Submersible logger pressure transducer-60 minute recording interval. Periodic measurements, Mar. 1991 to Dec. 2004.

DATUM.--Land surface is 148.9 ft above NGVD of 1929. Measuring point: Top of base of locking cap, 3.56 ft above land surface.

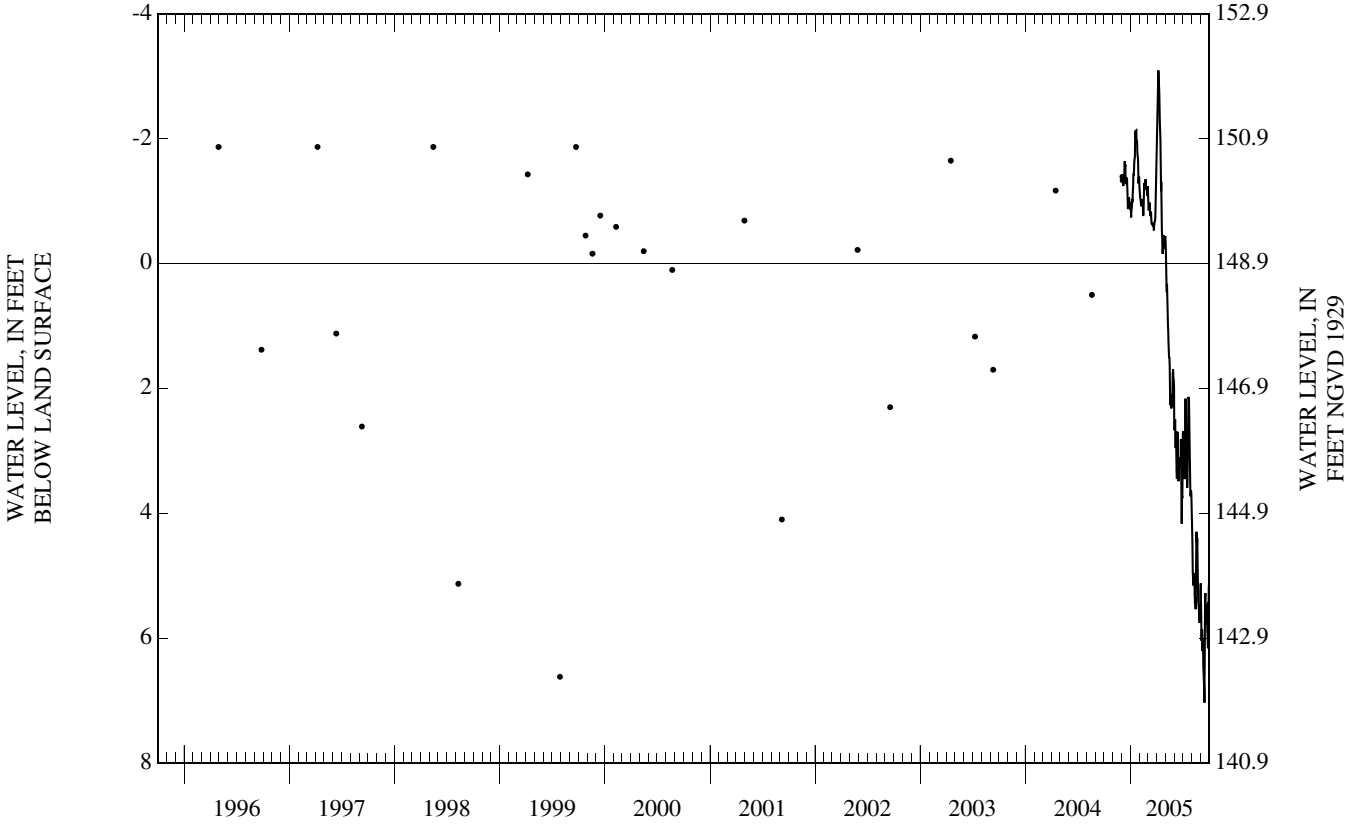
REMARKS:--Water in well casing freezes at times during winter and spring.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 3.16 ft above land surface, Apr. 7, 2005; lowest, 7.48 ft below land surface, Sept. 14, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	-1.31	-0.93	-0.96	-0.87	-2.94	0.35	2.79	3.43	4.99	5.86
10	---	---	-1.52	-1.43	-1.03	-0.77	-2.73	0.98	3.45	2.16	4.96	6.45
15	---	---	-1.28	-1.69	-1.03	-0.63	-1.56	1.50	3.31	3.41	4.92	6.02
20	---	---	-1.14	-2.14	-1.21	-0.64	-0.44	2.17	3.15	2.14	4.40	5.70
25	---	---	-0.98	-1.72	-1.22	-0.68	-0.40	2.28	3.17	3.28	5.48	5.95
EOM	---	---	-0.90	-1.22	-1.18	-1.76	-0.42	1.96	3.04	3.76	5.28	5.12
MEAN	---	---	---	-1.49	-1.09	-0.84	-1.50	1.34	3.10	3.06	5.04	5.86
MAX	---	---	---	-0.74	-0.76	-0.53	-0.16	2.32	4.17	3.76	5.76	7.04
MIN	---	---	---	-2.14	-1.35	-1.76	-3.10	-0.44	2.50	2.14	4.01	5.12

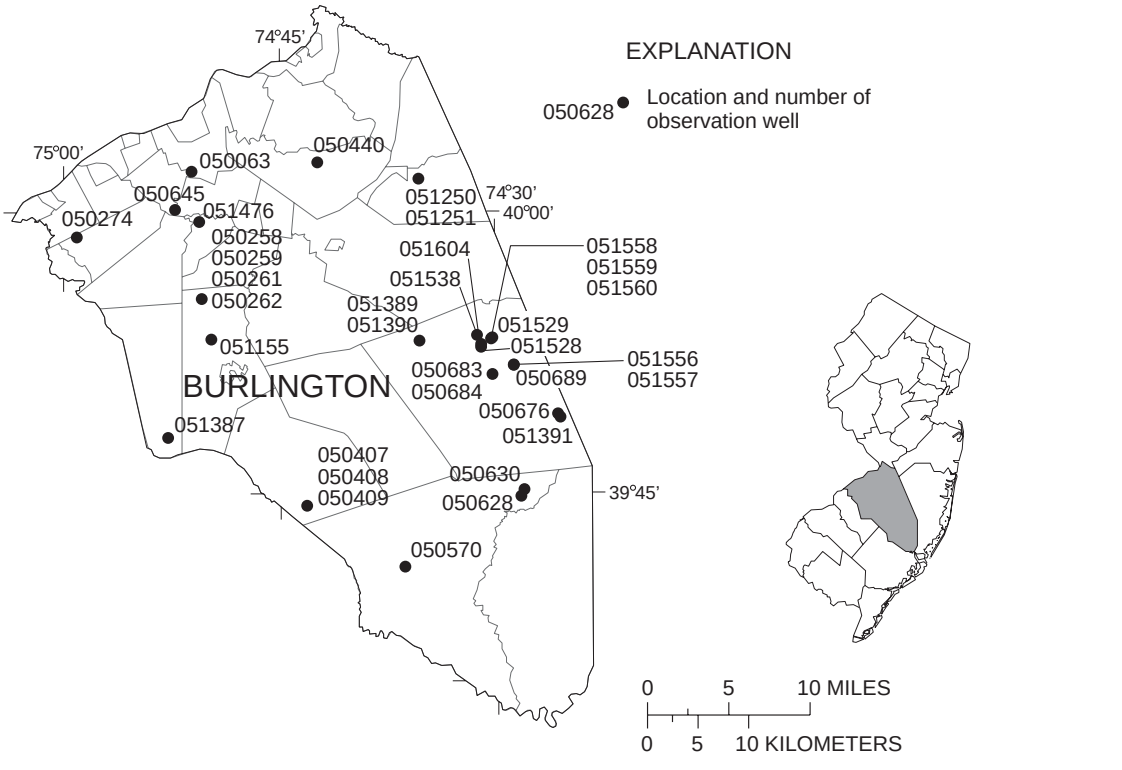


BURLINGTON COUNTY

NJ-WRD well number	Local identifier	Township	Well depth	Aquifer	Type of data
050063	WILLINGBORO 1 OBS	BURLINGTON TWP	294	MRPAM	MANUAL
050258	MEDFORD 1 OBS	MEDFORD TWP	410	MRPAU	DAILY
050259	MEDFORD 2 OBS	MEDFORD TWP	263	EGLS	DAILY
050261	MEDFORD 5 OBS	MEDFORD TWP	750	MRPAM	DAILY
050262	MEDFORD 4 OBS	MEDFORD TWP	1145	MRPAL	DAILY
050274	CAMPBELL 1 OBS	MOORESTOWN TWP	268	MRPAL	MANUAL
050407	ATSION 1 OBS	SHAMONG TWP	260	PNPN	MANUAL
050408	ATSION 2 OBS	SHAMONG TWP	65	CKKD	MANUAL
050409	ATSION 3 OBS	SHAMONG TWP	17	CKKD	DAILY
050440	RHODIA 1 OBS	SPRINGFIELD TWP	615	MRPAM	DAILY
050570	MOUNT OBS	WASHINGTON TWP	25	CKKD	DAILY
050628	PENN SF SHALLOW OBS	WASHINGTON TWP	12	CKKD	DAILY
050630	PENN SF DEEP OBS	WASHINGTON TWP	41	CKKD	DAILY
050645	WILLINGBORO 2 OBS	WILLINGBORO TWP	441	MRPAL	DAILY
050676	COYLE AIRPORT OBS	WOODLAND TWP	540	PNPN	MANUAL
050683	BUTLER PLACE 1 OBS	WOODLAND TWP	2117	MRPA	DAILY
050684	BUTLER PLACE 2 OBS	WOODLAND TWP	170	CKKD	DAILY
050689	LEBANON SF 23-D OBS	WOODLAND TWP	33	CKKD	DAILY
051155	MEDFORD TWP MW-1 OBS	MEDFORD TWP	180	MLRW	DAILY
051250	MCGUIRE 08-MW-52 OBS	NEW HANOVER TWP	55	VNCN	DAILY
051251	MCGUIRE 08-MW-102 OBS	NEW HANOVER TWP	20	CKKD	DAILY
051387	EVESHAM 4 OBS	EVESHAM TWP	355	MLRW	DAILY
051389	NEW LISBON 1 OBS	WOODLAND TWP	920	MRPAU	DAILY
051390	NEW LISBON 2 OBS	WOODLAND TWP	635	EGLS	DAILY
051391	COYLE 2 OBS (OW 96)	WOODLAND TWP	1441	MRPAU	DAILY
051476	RANCOCAS ST PK MW3	HAINESPORT TWP	14	EGLS	DAILY
051528	MCDONALDS BRANCH 2	WOODLAND TWP	6	CKKD	DAILY
051529	MCDONALDS BRANCH 1	WOODLAND TWP	7.15	CKKD	DAILY
051538	MCDONALDS BRANCH 2 Shall	WOODLAND TWP	5.3	CKKD	DAILY
051556	MB OW-1D	WOODLAND TWP	190	CKKD	DAILY
051557	MB OW-1M	WOODLAND TWP	90	CKKD	DAILY
051558	MB OW-2M	WOODLAND TWP	100	CKKD	DAILY
051559	MB OW-2S	WOODLAND TWP	35	CKKD	DAILY
051560	MB OW-2D	WOODLAND TWP	185	CKKD	DAILY
051604	MBHT5-1D	WOODLAND TWP	10	CKKD	DAILY

Aquifer names

CKKD - Kirkwood-Cohansey aquifer system
EGLS - Englishtown aquifer system
MLRW - Wenonah-Mount Laurel aquifer
MRPA - Potomac-Raritan-Magothy aquifer
MRPAL - Lower Potomac-Raritan-Magothy aquifer
MRPAM - Middle Potomac-Raritan-Magothy aquifer
MRPAU - Upper Potomac-Raritan-Magothy aquifer
PNPN - Piney Point aquifer
VNCN - Vincentown aquifer



05-0063 Willingboro 1 Obs

NJ-WRD Well Number, 05-0063. Site I.D., 400213074510801. Local I.D., Willingboro 1 Obs.

LOCATION.--Lat 40°02'13", long 74°51'07", Hydrologic Unit 02040202, on the west side of Rancocas Rd., about 2 mi north of Rancocas, Burlington Township.

AQUIFER.--Middle Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 294 ft, screened 284 to 294 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level recorder, Dec. 1984 to Sept. 1987. Water-level extremes recorder, Feb. 1977 to Dec. 1984. Periodic measurements, Sept. 1975 to Feb. 1977. Water-level recorder, Mar. 1966 to Sept. 1975.

DATUM.--Land surface is 45.45 ft above NGVD of 1929. Measuring point: Top of well shelter shelf, 0.60 ft above land surface.

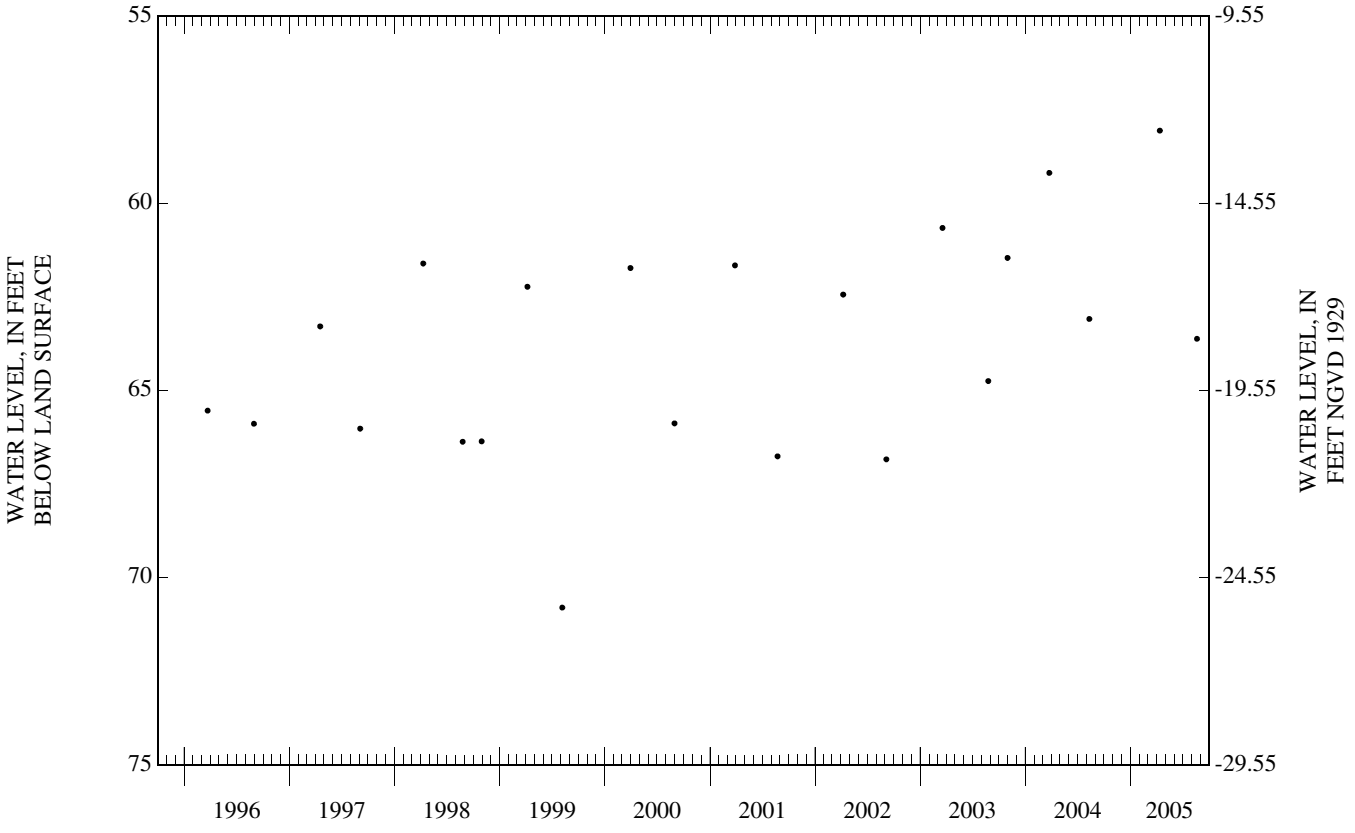
REMARKS.--Water level is affected by nearby pumping.

PERIOD OF RECORD.--Mar. 1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 46.25 ft below land surface, Mar. 19, 1966; lowest, 71.57 ft below land surface, Sept. 13, 1995.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 12	58.06	AUG 19	63.62



05-0258 Medford 1 Obs

NJ-WRD Well Number, 05-0258. Site I.D., 395524074502501. Local I.D., Medford 1 Obs. NJ Permit Number, 31-04627.

LOCATION.--Lat 39°55'24", long 74°50'24", Hydrologic Unit 02040202, at Medford Wildlife Management Area, Medford Township.

AQUIFER.--Upper Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 410 ft, screened 400 to 410 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Water-level extremes recorder, Feb. 1977 to Dec. 1984. Periodic measurements, Aug. 1975 to Feb. 1977. Water-level recorder, Oct. 1963 to Aug. 1975.

DATUM.--Land surface is 70.77 ft above NGVD of 1929. Measuring point: Top of coupling, 2.70 ft above land surface.

REMARKS.-- Water level is affected by nearby pumping.

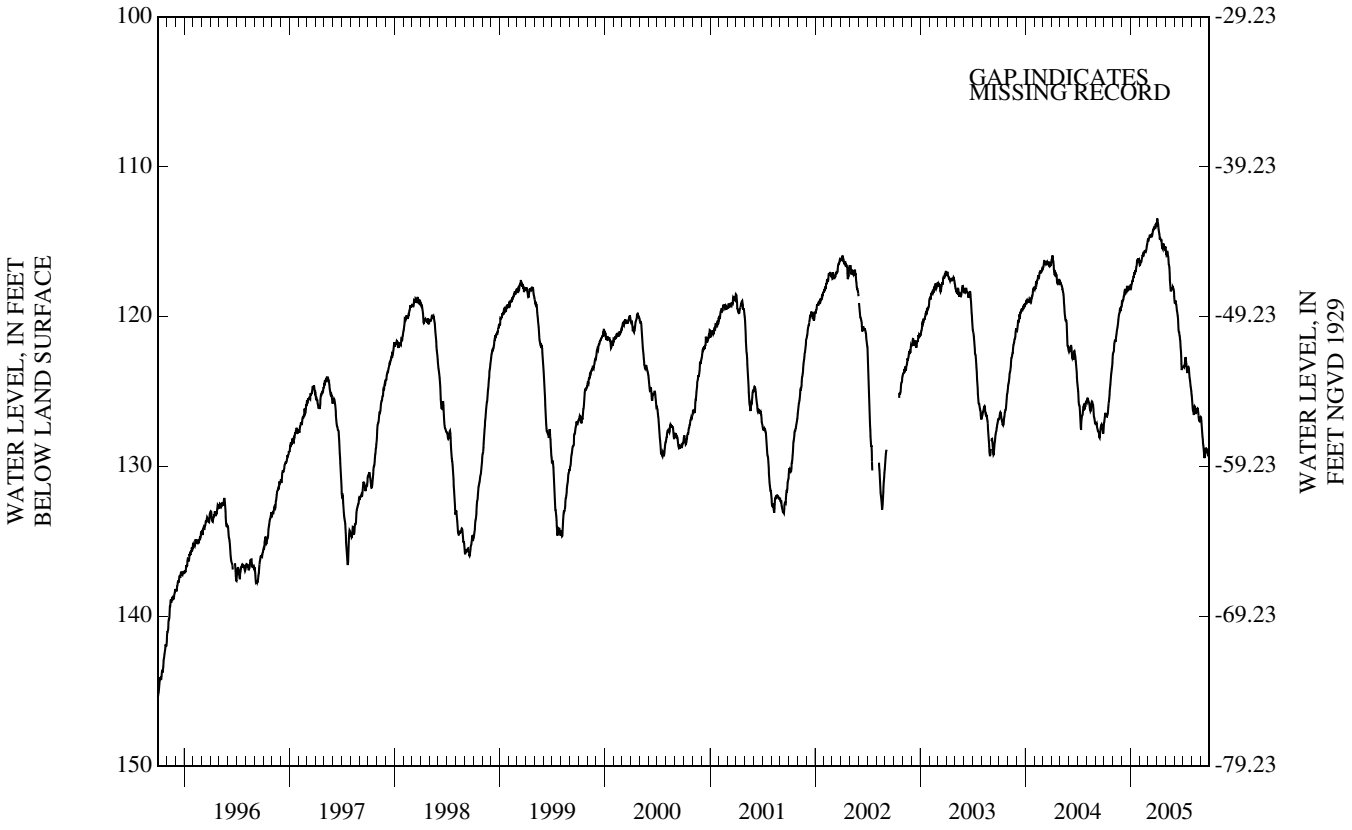
PERIOD OF RECORD.--Oct. 1963 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 85.22 ft below land surface, Feb. 16-19, 1964; lowest, 148.95 ft below land surface, Sept. 8-9, 1995.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	126.46	121.78	118.91	117.77	116.33	114.83	113.75	115.90	118.92	123.36	126.24	127.44
10	126.60	121.57	118.39	117.35	115.96	114.64	114.47	115.92	119.61	122.71	126.13	128.60
15	126.06	120.81	118.41	117.19	115.84	114.66	114.86	116.74	120.60	123.61	126.50	129.38
20	124.97	120.02	118.03	116.71	115.69	114.20	115.40	118.32	121.33	123.36	126.16	128.81
25	123.85	119.41	118.12	116.21	115.37	114.07	115.23	118.17	122.66	124.21	126.76	129.15
EOM	122.48	119.33	118.03	116.44	115.04	113.97	115.44	118.39	123.40	125.16	126.75	129.30
MEAN	125.35	120.73	118.38	117.01	115.87	114.43	114.73	117.02	120.80	123.64	126.34	128.58
MAX	127.01	122.46	119.09	118.03	116.57	114.93	115.47	118.39	123.57	125.16	127.00	129.44
MIN	122.48	119.33	117.94	116.11	115.04	113.82	113.45	115.32	118.68	122.71	125.30	126.70

WTR YR 2005 MEAN 120.27 HIGH 113.45 APR 3 LOW 129.44 SEP 14



05-0259 Medford 2 Obs

NJ-WRD Well Number, 05-0259. Site I.D., 395524074502502. Local I.D., Medford 2 Obs.

LOCATION.--Lat 39°55'24", long 74°50'24", Hydrologic Unit 02040202, at the Medford Wildlife Management Area, Medford Township.

AQUIFER.--Englishtown aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 263 ft, screened 253 to 263 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements, Sept. 1987 to Mar. 2000. Water-level recorder, Dec. 1984 to Sept. 1987. Water-level extremes recorder, Feb. 1977 to Dec. 1984. Water-level recorder, Oct. 1963 to Aug. 1975.

DATUM.--Land surface is 72.92 ft above NGVD of 1929. Measuring point: Top of well shelter shelf, 3.22 ft above land surface.

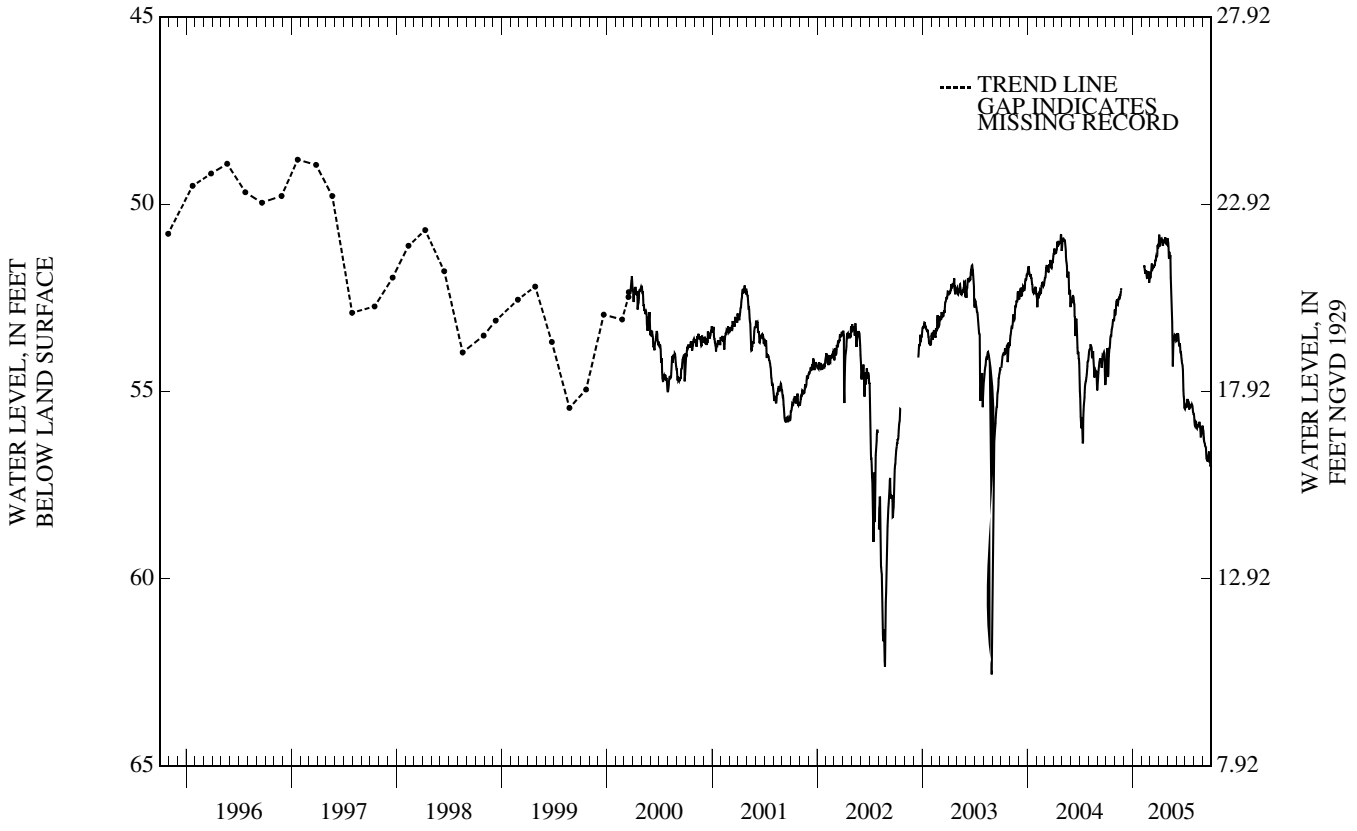
REMARKS.--Water level is occasionally affected by nearby pumping.

PERIOD OF RECORD.--Oct. 1963 to Aug. 1975, Feb. 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 45.42 ft below land surface, Apr. 27, 1973; lowest, 111.96 ft below land surface, July 9, 1964.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	54.11	52.59	---	---	---	51.85	51.11	51.13	53.43	55.38	55.90	56.23
10	54.05	52.68	---	---	51.63	51.72	50.93	51.45	53.69	55.19	55.89	56.44
15	53.59	52.48	---	---	51.83	51.67	51.08	52.34	53.91	55.39	55.93	56.80
20	53.34	52.37	---	---	51.95	51.51	50.96	54.32	54.18	55.40	55.82	56.75
25	53.07	---	---	---	51.78	51.38	50.94	53.55	54.70	55.37	56.19	56.89
EOM	52.80	---	---	---	52.00	51.14	50.97	53.56	55.44	55.60	55.91	57.01
MEAN	53.61	---	---	---	---	51.57	50.98	52.50	54.09	55.38	55.92	56.60
MAX	54.60	---	---	---	---	51.94	51.11	54.32	55.44	55.60	56.20	57.01
MIN	52.80	---	---	---	---	51.09	50.80	50.89	53.43	55.19	55.60	55.96



05-0261 Medford 5 Obs

NJ-WRD Well Number, 05-0261. Site I.D., 395525074502505. Local I.D., Medford 5 Obs.

LOCATION.--Lat 39°55'25", long 74°50'24", Hydrologic Unit 02040202, at Medford Wildlife Management Area, Medford Township.

AQUIFER.--Middle Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 750 ft, screened 740 to 750 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements, Mar. 1975 to Feb. 1977. Water-level recorder, Jan. 1968 to Mar. 1975.

DATUM.--Land surface is 72.60 ft above NGVD of 1929. Measuring point: Top of recorder shelf, 3.60 ft above land surface.

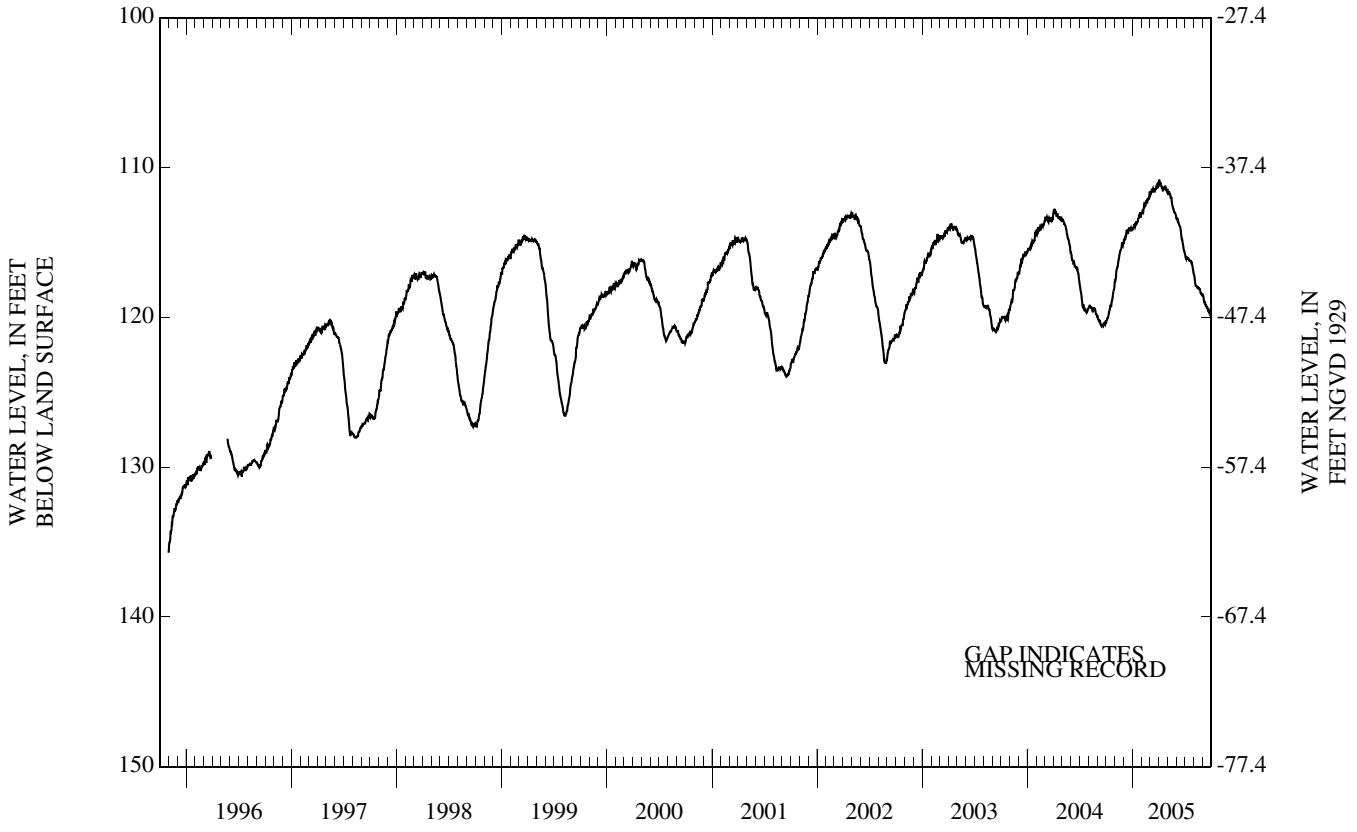
REMARKS.-- Water level is affected by nearby pumping.

PERIOD OF RECORD.--Jan. 1968 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 94.46 ft below land surface, Mar. 1, 1968; lowest, 139.15 ft below land surface, Sept. 16, 1995.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	120.08	116.92	114.78	113.94	112.91	111.74	111.13	111.84	113.51	116.02	117.57	118.88
10	119.70	116.60	114.28	113.81	112.45	111.60	111.21	111.78	113.77	116.06	117.93	119.12
15	119.26	115.95	114.43	113.79	112.39	111.60	111.54	112.03	114.00	116.14	118.02	119.33
20	118.97	115.50	114.06	113.38	112.35	111.45	111.35	112.65	114.79	116.24	118.12	119.45
25	118.36	114.98	114.09	113.12	112.02	111.33	111.39	112.98	115.22	116.38	118.40	119.75
EOM	117.58	115.06	114.12	113.06	111.79	111.27	111.49	113.22	115.69	117.05	118.42	120.00
MEAN	119.18	116.03	114.32	113.59	112.45	111.48	111.30	112.30	114.33	116.24	118.01	---
MAX	120.34	117.59	114.87	114.18	113.08	111.79	111.58	113.22	115.69	117.05	118.53	---
MIN	117.58	114.98	113.99	113.01	111.79	111.06	110.81	111.42	113.36	115.73	117.11	---



05-0262 Medford 4 Obs

NJ-WRD Well Number, 05-0262. Site I.D., 395525074502601. Local I.D., Medford 4 Obs.

LOCATION.--Lat 39°55'24", long 74°50'24", Hydrologic Unit 02040202, at Medford Wildlife Management Area, Medford Township.

AQUIFER.--Lower Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 1,145 ft, screened 1,125 to 1,145 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Water-level extremes recorder, Feb. 1977 to Dec. 1984. Periodic measurements, July 1975 to Feb. 1977. Water-level recorder, Jan. 1968 to July 1975.

DATUM.--Land surface is 72.32 ft above NGVD of 1929. Measuring point: Top of recorder shelf, 2.40 ft above land surface.

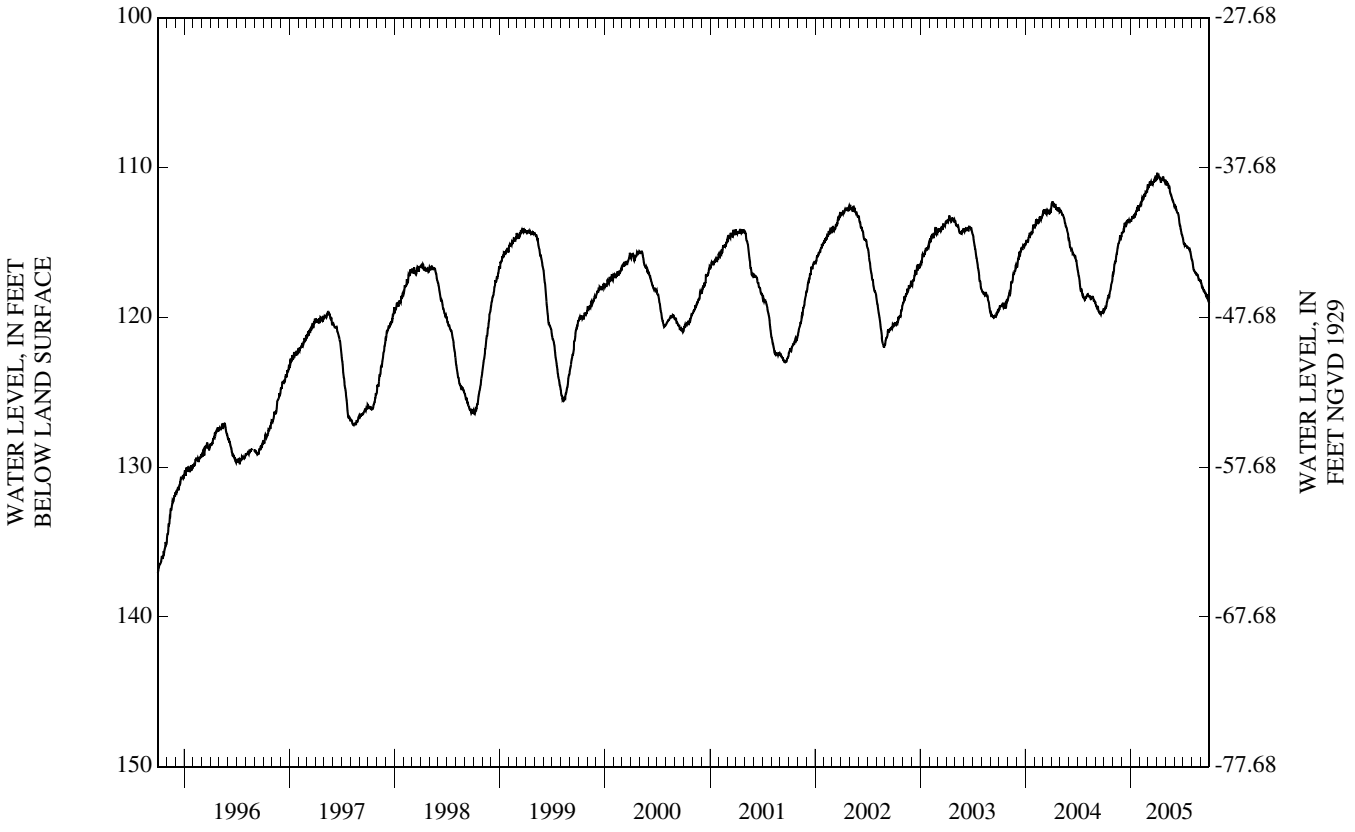
REMARKS.--Water level is affected by nearby pumping.

PERIOD OF RECORD.--Jan. 1968 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 94.24 ft below land surface, Mar. 13, 1968; lowest, 138.00 ft below land surface, Sept. 16, 1995.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	119.40	116.50	114.32	113.40	112.44	111.28	110.67	111.20	112.66	115.08	116.51	117.94
10	119.01	116.21	113.81	113.30	111.99	111.14	110.65	111.14	112.94	115.21	116.88	118.15
15	118.56	115.56	113.97	113.34	111.96	111.15	110.95	111.30	113.11	115.30	117.07	118.31
20	118.37	115.05	113.56	112.88	111.89	110.99	110.76	111.79	113.86	115.39	117.19	118.49
25	117.85	114.52	113.56	112.64	111.57	110.87	110.77	112.13	114.26	115.50	117.49	118.76
EOM	117.10	114.59	113.55	112.60	111.33	110.80	110.87	112.45	114.65	116.08	117.50	119.06
MEAN	118.55	115.60	113.83	113.09	112.00	111.02	110.74	111.57	113.42	115.34	117.03	---
MAX	119.58	117.13	114.41	113.63	112.61	111.33	111.01	112.45	114.65	116.08	117.59	---
MIN	117.10	114.52	113.46	112.53	111.33	110.60	110.36	110.81	112.57	114.70	116.13	---



05-0274 Campbell 1 Obs

NJ-WRD Well Number, 05-0274. Site I.D., 395838074590501. Local I.D., Campbell 1 Obs. NJ Permit Number, 31-03674.

LOCATION.--Lat 39°58'41", long 74°59'04", Hydrologic Unit 02040202, at Denton Vacuum Inc., Church Rd., Moorestown Township.

AQUIFER.--Lower Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 10 in., depth 268 ft, screened 241 to 262 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level recorder, Jan. 1973 to May 1975. Periodic measurements, Apr. 1972 to Jan. 1973.

DATUM.--Land surface is 40 ft above NGVD of 1929, from topographic map. Measuring point: Top of coupling, 1.50 ft above land surface.

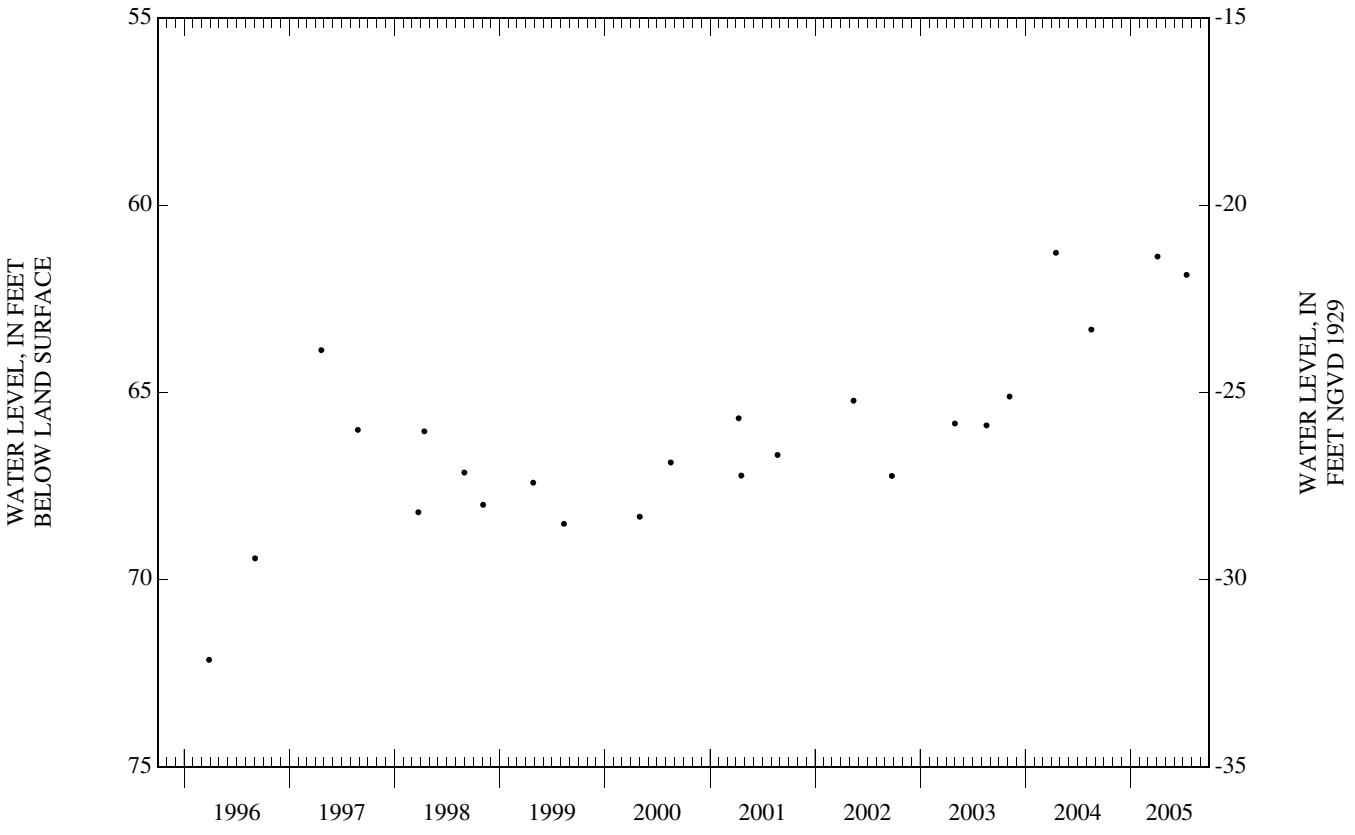
REMARKS.--Water level is affected by nearby pumping.

PERIOD OF RECORD.--Apr. 1972 to Apr. 1984, May 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 50.35 ft below land surface, June 30, 1973; lowest, 72.14 ft below land surface, Mar. 27, 1996.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 04	61.37	JUL 14	61.86



05-0407 Atsion 1 Obs

NJ-WRD Well Number, 05-0407. Site I.D., 394422074430901. Local I.D., Atsion 1 Obs.

LOCATION.--Lat 39°44'22", long 74°43'08", Hydrologic Unit 02040301, about 2,200 ft east of Rt. 206, in Atsion, Shamong Township.

AQUIFER.--Piney Point aquifer of Eocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, depth 260 ft, screened 240 to 260 ft.

INSTRUMENTATION.--None: periodic measurements with a 6 ft ruler.

DATUM.--Land surface is 46.76 ft above NGVD of 1929. Measuring point: Top edge of cap, 3.87 ft above land surface.

REMARKS.--This is a flowing well. The water level is measured in a clear plastic tube above land surface.

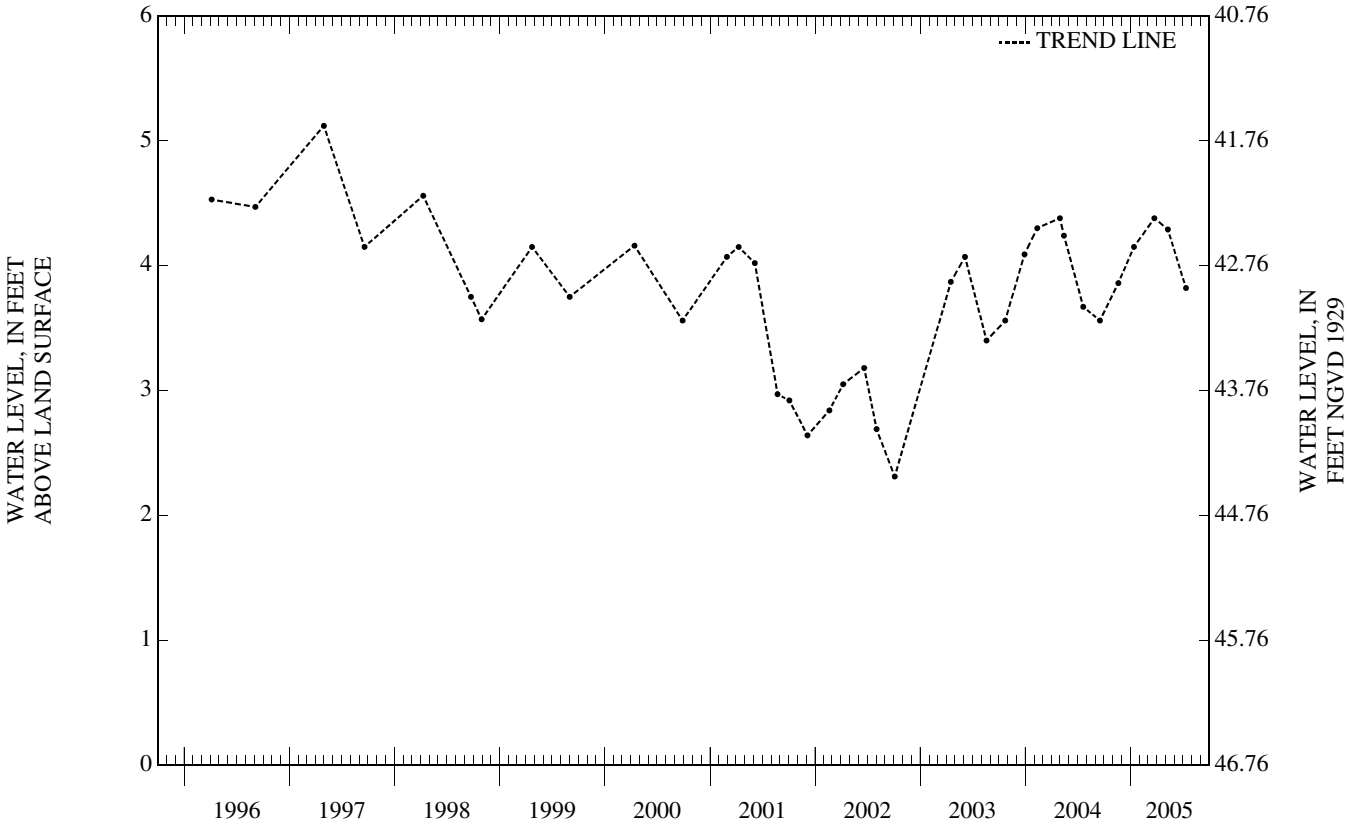
PERIOD OF RECORD.--Oct. 1963 to Sept. 1966, June 1968 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 6.49 ft above land surface, Dec. 15, 1965; lowest, 2.31 ft above land surface, Oct. 4, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM (READINGS ABOVE LAND-SURFACE INDICATED BY "+"), WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 19	+3.86	JAN 12	+4.15	MAR 24	+4.38	MAY 10	+4.29	JUL 12	+3.82

WATER YEAR 2005 HIGHEST +4.38 MAR 24, 2005 LOWEST +3.82 JUL 12, 2005



05-0408 Atsion 2 Obs

NJ-WRD Well Number, 05-0408. Site I.D., 394422074430902. Local I.D., Atsion 2 Obs.

LOCATION.--Lat 39°44'22", long 74°43'08", Hydrologic Unit 02040301, about 2,200 ft east of Rt. 206, in Atsion, Shamong Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Driven water-table observation well, diameter 1.25 in., depth 65 ft, screened 63 to 65 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape.

DATUM.--Land surface is 47.52 ft above NGVD of 1929. Measuring point: Top of casing, 1.00 ft above land surface.

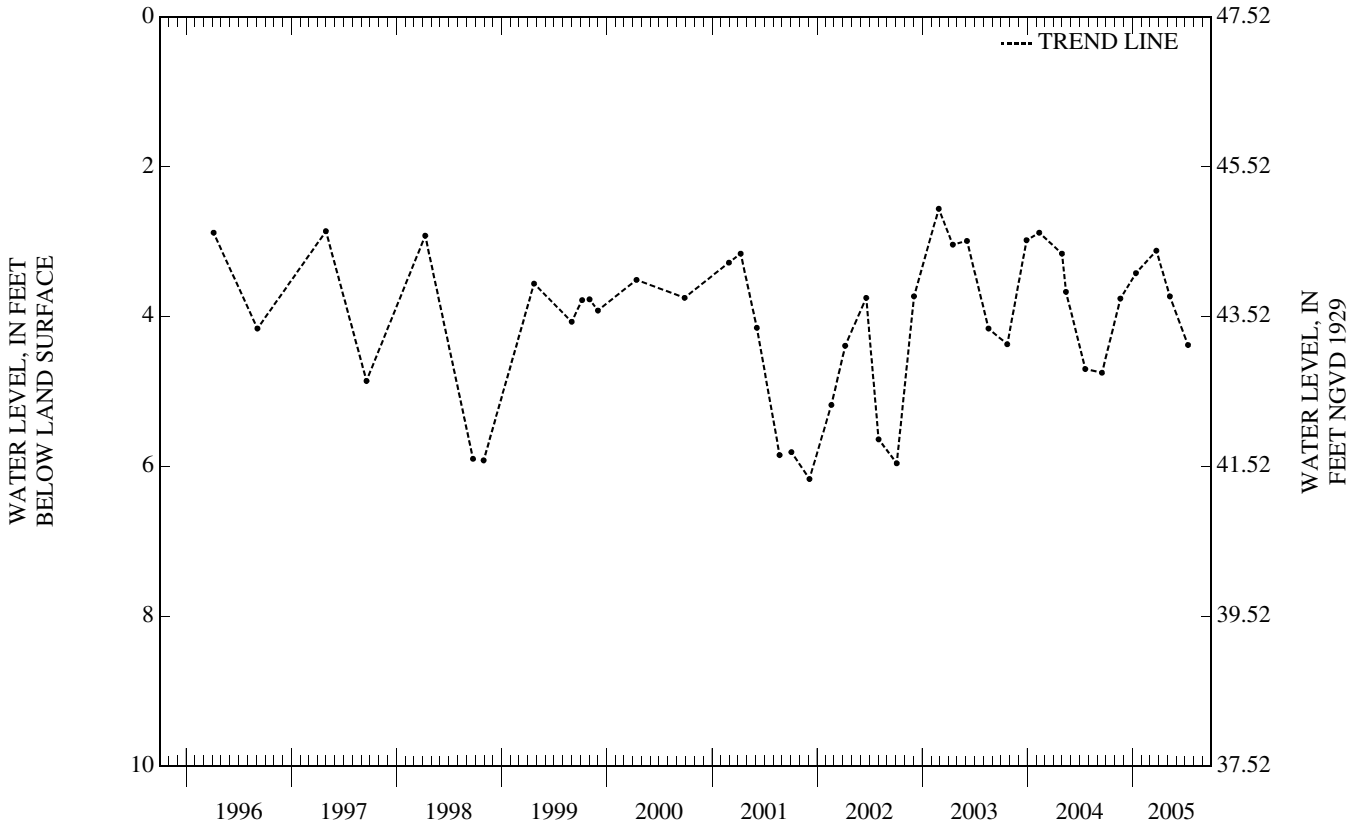
PERIOD OF RECORD.--Oct. 1963 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.40 ft below land surface, Apr. 28, 1983; lowest, 6.51 ft below land surface, Sept. 9, 1965.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 19	3.76	JAN 12	3.42	MAR 24	3.12	MAY 10	3.73	JUL 12	4.38

WATER YEAR 2005 HIGHEST 3.12 MAR 24, 2005 LOWEST 4.38 JUL 12, 2005



05-0409 Atsion 3 Obs

NJ-WRD Well Number, 05-0409. Site I.D., 394422074430903. Local I.D., Atsion 3 Obs.

LOCATION.--Lat 39°44'22", long 74°43'08", Hydrologic Unit 02040301, about 2,200 ft east of Rt. 206, in Atsion, Shamong Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Driven water-table observation well, diameter 1.25 in., depth 17 ft, screened 14 to 17 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Periodic measurements, Oct. 1963 to Nov. 2004.

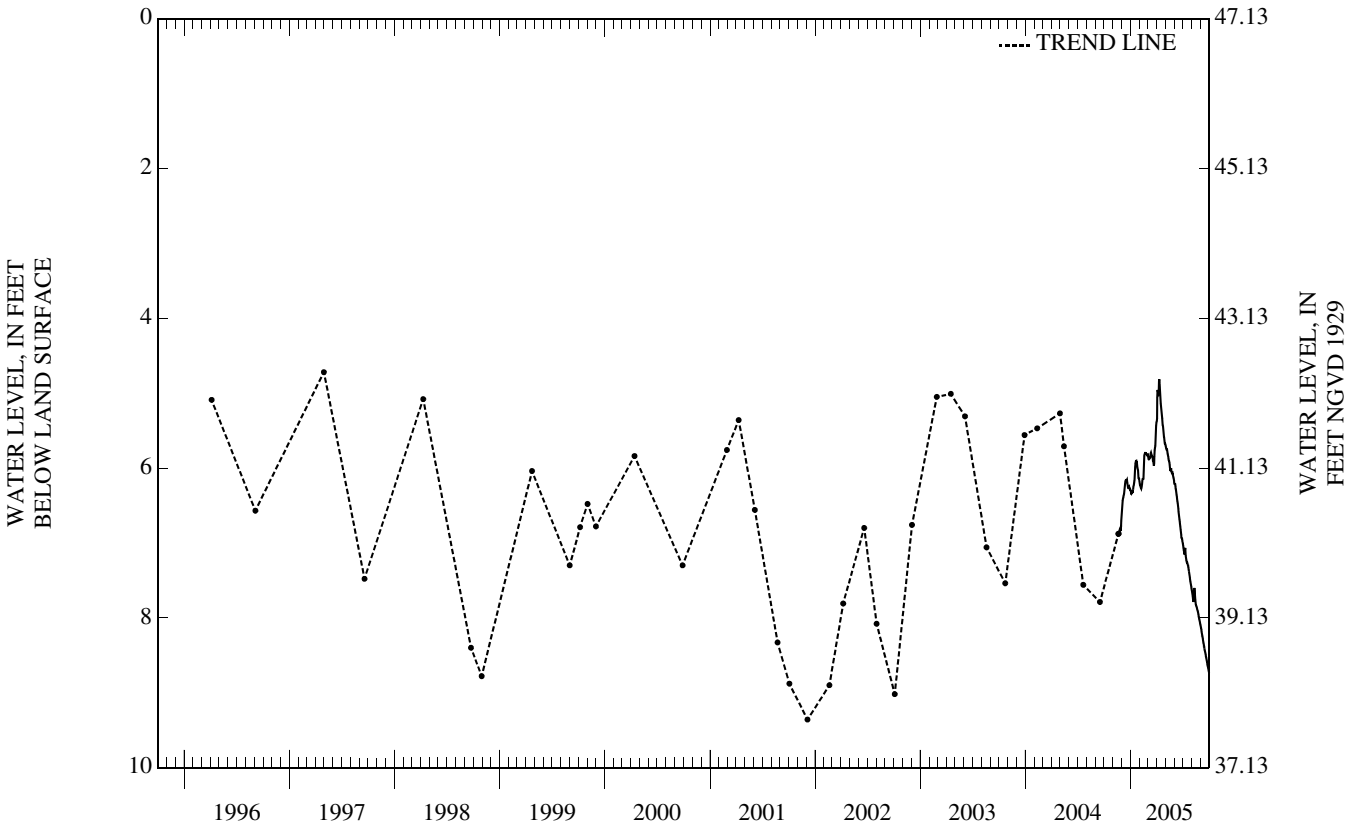
DATUM.--Land surface is 47.13 ft above NGVD of 1929. Measuring point: Top of casing, 2.00 ft above land surface.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 4.04 ft below land surface, Apr. 28, 1983; lowest, 9.36 ft below land surface, Dec. 5, 2001.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	6.41	6.33	6.26	5.88	4.98	5.75	6.24	7.12	7.74	8.21
10	---	---	6.29	6.25	6.17	5.84	4.82	5.83	6.39	7.13	7.60	8.32
15	---	---	6.17	6.08	6.00	5.83	5.14	5.93	6.54	7.26	7.82	8.43
20	---	6.88	6.20	5.90	5.80	5.91	5.34	6.02	6.72	7.33	7.89	8.53
25	---	6.81	6.26	6.01	5.82	5.76	5.53	6.07	6.89	7.46	7.98	8.64
EOM	---	6.66	6.29	6.18	5.82	5.39	5.67	6.17	6.99	7.61	8.09	8.73
MEAN	---	---	6.29	6.14	6.02	5.80	5.24	5.93	6.57	7.29	7.84	8.44
MAX	---	---	6.59	6.34	6.27	5.97	5.67	6.17	6.99	7.61	8.09	8.73
MIN	---	---	6.16	5.90	5.79	5.39	4.82	5.68	6.20	7.01	7.60	8.12



05-0440 Rhodia 1 Obs

NJ-WRD Well Number, 05-0440. Site I.D., 400242074422301. Local I.D., Rhodia 1 Obs. NJ Permit Number, 28-05128.

LOCATION.--Lat 40°02'42", long 74°42'22", Hydrologic Unit 02040201, at 1 Devi Dr. in Saddle Ridge Estates, near Jobstown, Springfield Township.

AQUIFER.--Middle Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 615 ft, screened 603 to 613 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Water-level extremes recorder, Apr. 1977 to Apr. 2005. Periodic measurements, Aug. 1975 to Apr. 1977. Water-level recorder, Dec. 1968 to Aug. 1975.

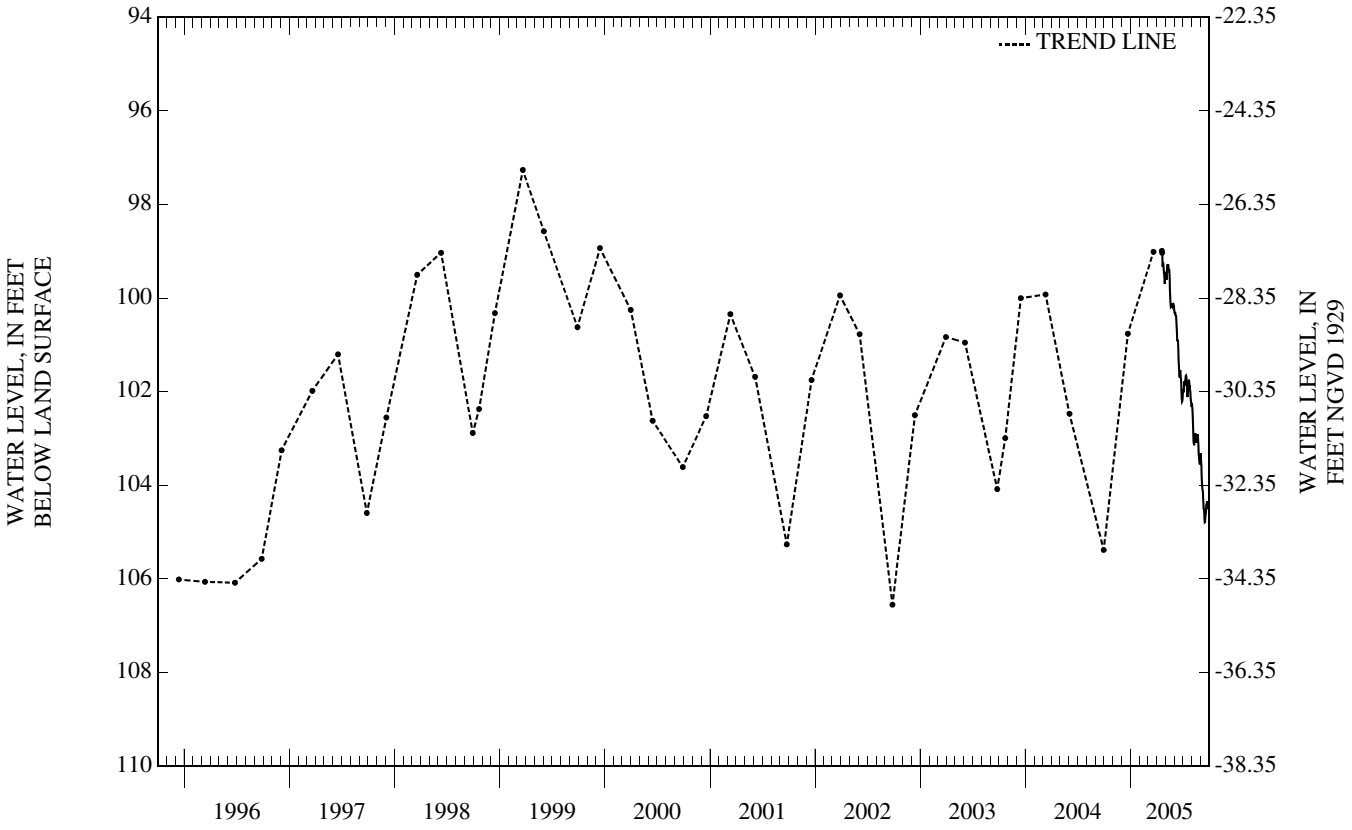
DATUM.--Land surface is 71.65 ft above NGVD of 1929. Measuring point: Top of hole in well seal 2.13 ft above land surface.

PERIOD OF RECORD.--Dec. 1968 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 86.55 ft below land surface, Dec. 31, 1969; lowest, 110.55 ft below land surface, between June 5 and Sept. 26, 1995.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	---	99.61	100.35	101.84	102.68	103.92
10	---	---	---	---	---	---	---	99.30	100.73	101.73	103.05	104.36
15	---	---	---	---	---	---	---	99.42	101.11	101.93	103.07	104.79
20	---	---	---	---	---	---	99.03	100.18	101.69	101.85	102.97	104.44
25	---	---	---	---	---	---	99.38	100.17	101.80	101.87	103.33	104.46
EOM	---	---	---	---	---	---	99.59	100.18	102.14	102.32	103.31	104.60
MEAN	---	---	---	---	---	---	---	99.76	101.18	101.92	103.02	104.31
MAX	---	---	---	---	---	---	---	100.18	102.21	102.32	103.55	104.79
MIN	---	---	---	---	---	---	---	99.28	100.26	101.65	102.29	103.40



05-0570 Mount Obs

NJ-WRD Well Number, 05-0570. Site I.D., 394106074362501. Local I.D., Mount Obs.

LOCATION.--Lat 39°41'06", long 74°36'22", Hydrologic Unit 02040301, at Mount in Wharton State Forest, Washington Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 8 in., depth 25 ft, open-end concrete casing.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Periodic measurements, Apr. 1987 to Apr. 2001. Water-level recorder, Sept. 1977 to Apr. 1987. Periodic measurements, July 1970 to Sept. 1977. Water-level recorder, Sept. 1955 to July 1970.

DATUM.--Land surface is 63.24 ft above NGVD of 1929. Measuring point: Top of concrete casing, 0.60 ft above land surface.

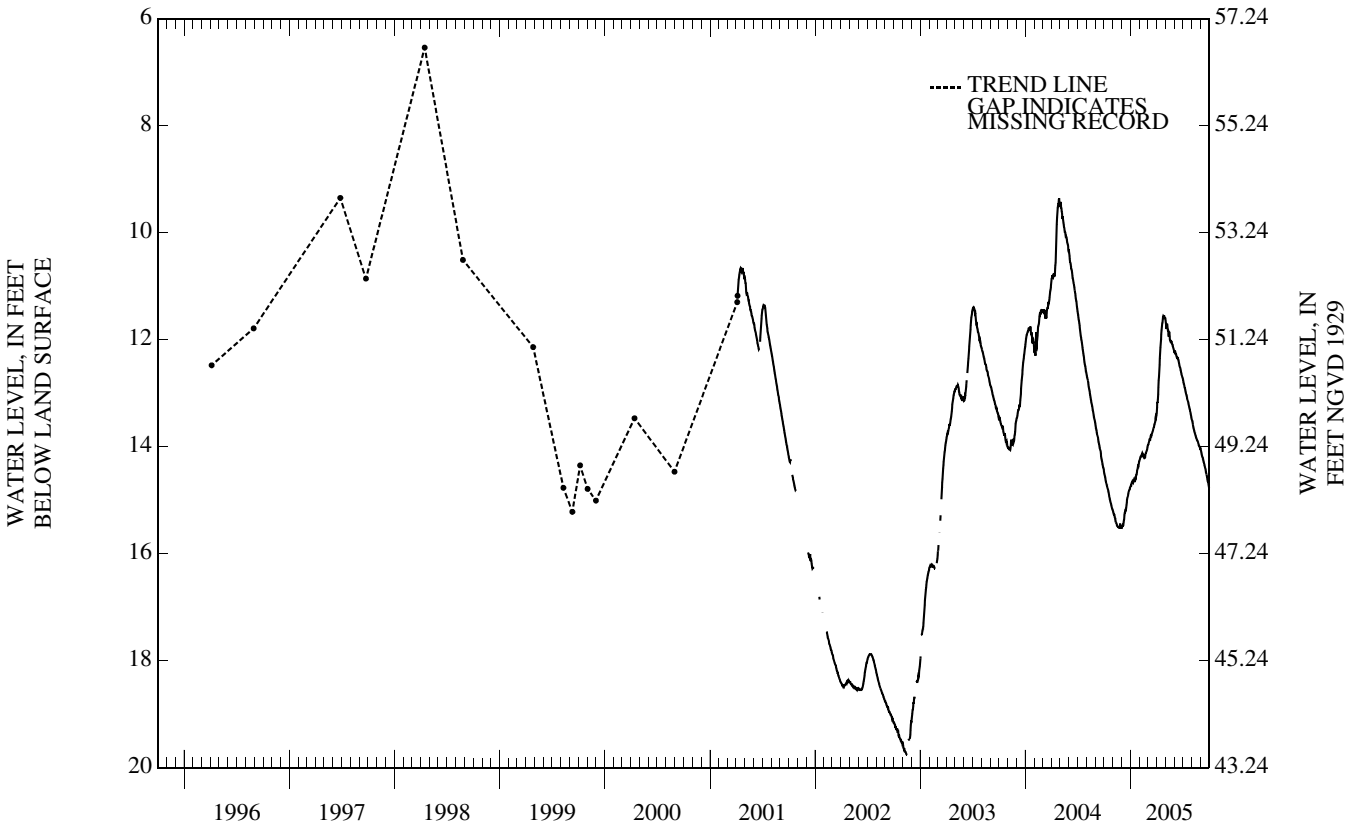
PERIOD OF RECORD.--Sept. 1955 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.92 ft below land surface, Aug. 26, 1958; lowest, 19.77 ft below land surface, Nov. 15-16, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	14.60	15.27	15.47	14.68	14.19	13.92	13.12	11.80	12.25	12.84	13.59	14.16
10	14.72	15.41	15.28	14.64	14.12	13.85	12.58	11.83	12.33	12.96	13.72	14.26
15	14.83	15.48	15.18	14.66	14.17	13.77	12.07	11.87	12.37	13.08	13.81	14.37
20	14.97	15.51	14.97	14.53	14.20	13.68	11.70	12.02	12.51	13.19	13.88	14.50
25	15.08	15.44	14.85	14.40	14.08	13.57	11.57	12.08	12.61	13.30	13.97	14.64
EOM	15.20	15.53	14.75	14.26	14.01	13.42	11.58	12.20	12.71	13.47	14.03	14.77
MEAN	14.87	15.43	15.12	14.55	14.15	13.73	12.21	11.93	12.43	13.10	13.80	14.40
MAX	15.20	15.53	15.49	14.73	14.25	13.98	13.37	12.20	12.71	13.47	14.04	14.77
MIN	14.50	15.22	14.75	14.26	14.01	13.42	11.55	11.60	12.22	12.73	13.49	14.06

WTR YR 2005 MEAN 13.81 HIGH 11.55 APR 27 LOW 15.53 NOV 27



05-0628 Penn SF Shallow Obs

NJ-WRD Well Number, 05-0628. Site I.D., 394452074281901. Local I.D., Penn SF Shallow Obs.

LOCATION.--Lat 39°44'52", long 74°28'18", Hydrologic Unit 02040301, about 500 ft south of the intersection of Sooy Rd. and Cabin Rd., Penn State Forest, Washington Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 6 in., depth 12 ft, open-end steel casing.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Periodic measurements, Oct. 1991 to Apr. 2001. Water-level recorder, June 1990 to Oct. 1991. Periodic measurements, Oct. 1984 to June 1990. Water-level recorder, Oct. 1977 to Oct. 1984. Periodic measurements, Jan. 1975 to Oct. 1977. Water-level recorder, Dec. 1936 to Jan. 1975.

DATUM.--Land surface is 78.78 ft above NGVD of 1929. Measuring point: Top of well seal, 2.77 ft above land surface. Measuring point prior to July 1963, top of coupling, 0.11 ft above land surface.

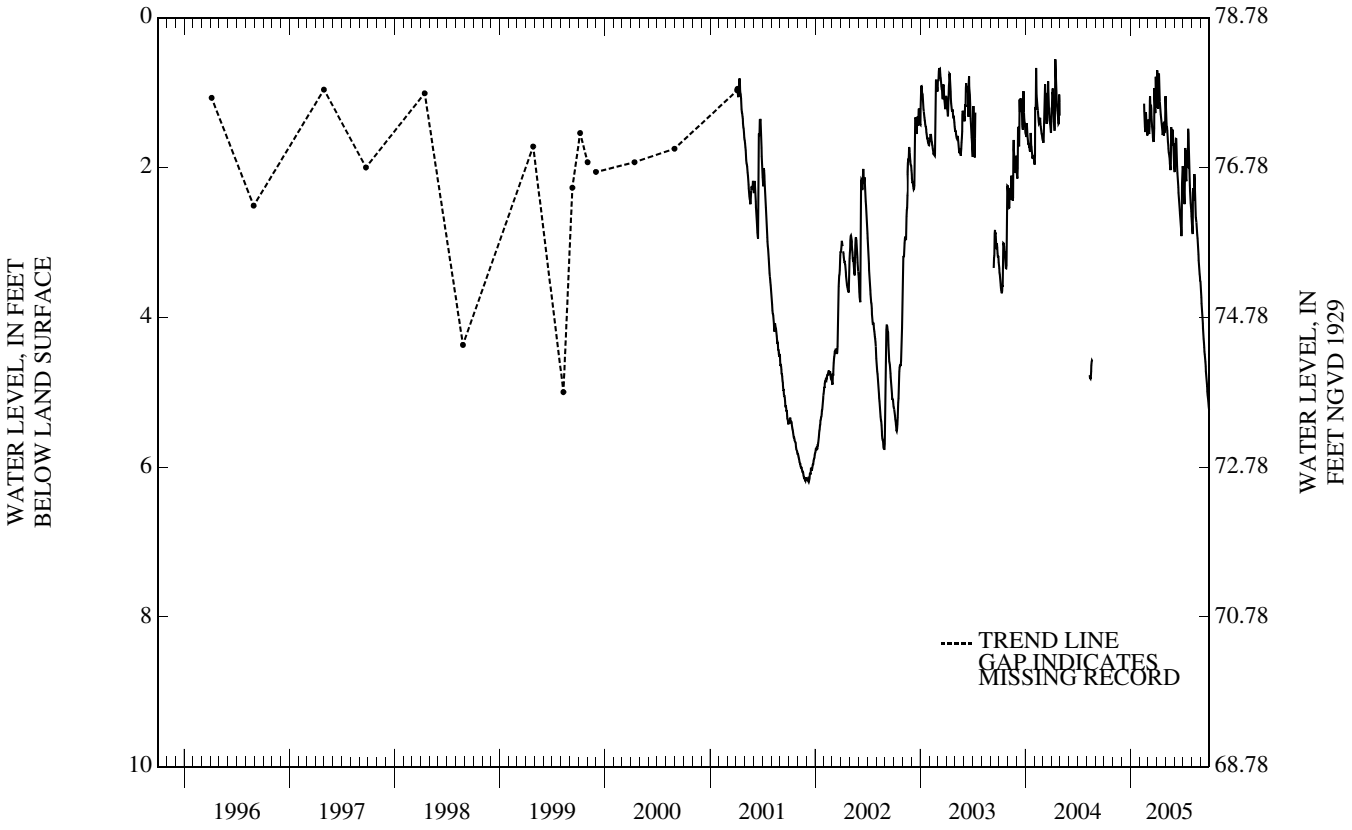
REMARKS.--Well deepened from 10 ft to 12 ft in July 1963.

PERIOD OF RECORD.--Dec. 1936 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, greater than 0.11 ft above land surface (flowing), several times, 1959-62; lowest, 6.22 ft below land surface, Dec. 9-10, 2001.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	1.53	1.07	1.41	1.68	2.39	2.33	3.89
10	---	---	---	---	---	1.17	0.92	1.66	1.89	1.83	2.09	4.22
15	---	---	---	---	---	1.40	1.29	1.86	2.27	1.81	2.67	4.50
20	---	---	---	---	1.53	1.63	1.48	1.95	2.57	1.54	2.90	4.77
25	---	---	---	---	1.46	1.04	1.46	1.71	2.85	2.24	3.24	5.04
EOM	---	---	---	---	1.56	1.12	1.51	1.94	1.98	2.65	3.52	5.24
MEAN	---	---	---	---	---	1.32	1.25	1.63	2.23	2.11	2.82	4.50
MAX	---	---	---	---	---	1.66	1.57	2.03	2.92	2.65	3.52	5.24
MIN	---	---	---	---	---	0.79	0.70	1.05	1.62	1.48	2.09	3.59



05-0630 Penn SF Deep Obs

NJ-WRD Well Number, 05-0630. Site I.D., 394513074280601. Local I.D., Penn SF Deep Obs.

LOCATION.--Lat 39°45'13", long 74°28'05", Hydrologic Unit 02040301, about 800 ft south of the intersection of Sooy Rd. and Chatsworth Rd., Penn State Forest, Washington Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 6 in., depth 41 ft, open end steel casing.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Periodic measurements, Oct. 1991 to Apr. 2001. Water-level recorder, Aug. 1990 to Oct. 1991. Periodic measurements, Feb. 1982 to Aug. 1990. Water-level recorder, Nov. 1977 to Feb. 1982. Periodic measurements, July 1970 to Nov. 1977. Water-level recorder, Aug. 1963 to July 1970. Periodic measurements, Jan. 1951 to Aug. 1963.

DATUM.--Land surface is 104.30 ft above NGVD of 1929. Measuring point: Top of base of locking well cap, 1.68 ft above land surface.

REMARKS.--Well depth was 30 ft before deepening in July 1963.

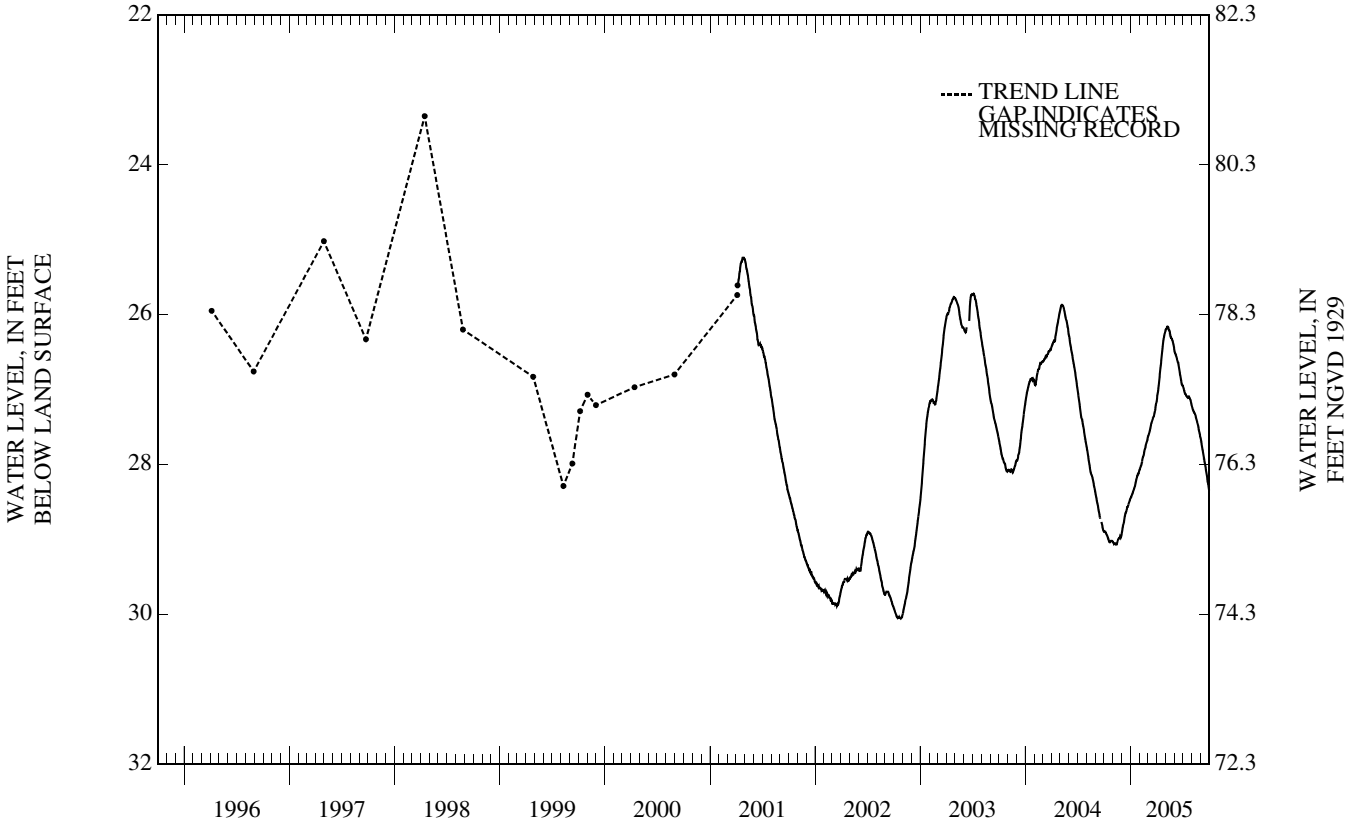
PERIOD OF RECORD.--Jan 1951 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 22.73 ft below land surface, May 11, 1970; lowest, 30.06 ft below land surface, Oct. 24-26, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	28.91	29.06	28.82	28.41	28.03	27.60	27.04	26.19	26.52	27.01	27.27	27.75
10	28.94	29.07	28.72	28.35	27.94	27.52	26.87	26.17	26.58	27.06	27.31	27.87
15	29.00	29.05	28.64	28.30	27.87	27.44	26.68	26.21	26.65	27.09	27.37	27.98
20	29.04	28.99	28.57	28.20	27.79	27.38	26.49	26.31	26.77	27.10	27.44	28.10
25	29.02	28.96	28.53	28.14	27.71	27.30	26.32	26.34	26.88	27.12	27.53	28.23
EOM	29.03	28.94	28.46	28.08	27.66	27.18	26.24	26.44	26.95	27.20	27.64	28.35
MEAN	28.98	29.02	28.65	28.27	27.87	27.43	26.67	26.26	26.70	27.08	27.40	28.00
MAX	29.04	29.07	28.91	28.44	28.07	27.64	27.16	26.44	26.95	27.20	27.64	28.35
MIN	28.90	28.94	28.46	28.08	27.66	27.18	26.24	26.16	26.47	26.95	27.22	27.66

WTR YR 2005 MEAN 27.69 HIGH 26.16 MAY 8 LOW 29.07 NOV 10



05-0645 Willingboro 2 Obs

NJ-WRD Well Number, 05-0645. Site I.D., 400010074521601. Local I.D., Willingboro 2 Obs.

LOCATION.--Lat 40°00'10", long 74°52'15", Hydrologic Unit 02040202, near intersection of Bridge Street and Tiffany Lane, Willingboro Township. AQUIFER.--Lower Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 441 ft, screened 431 to 441 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60-minute recording interval. Water-level recorder, Jan. 1968 to May 1999. Periodic measurements, Mar. 1966 to Jan. 1968.

DATUM.--Land surface is 40.30 ft above NGVD of 1929. Measuring point: Top of hole in well seal, 1.94 ft below land surface.

REMARKS.--Water level is affected by tidal fluctuation and nearby pumping.

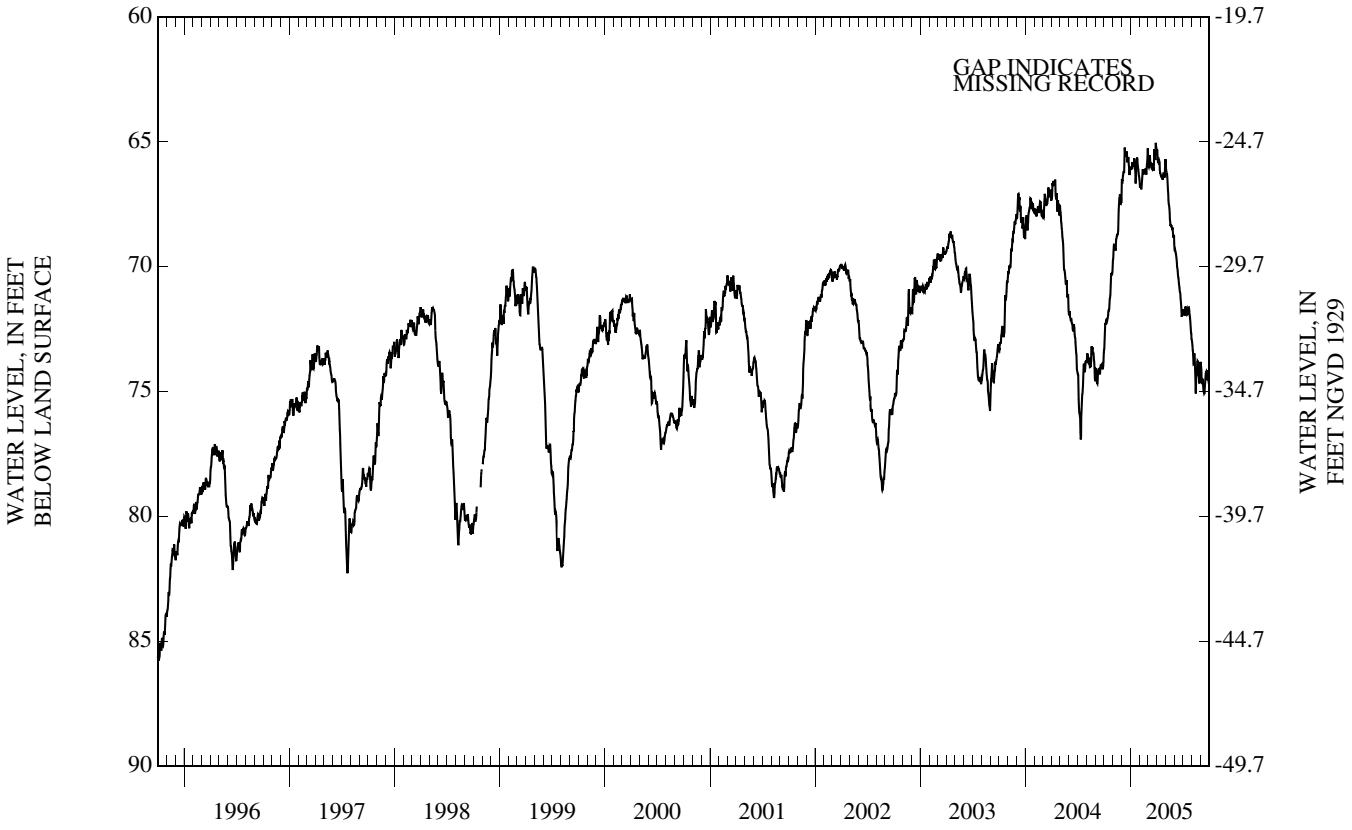
PERIOD OF RECORD.--Mar. 1966 to Sept. 1975, Mar. 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 49.79 ft below land surface, June 21, 1967; lowest, 88.36 ft below land surface, Sept. 8-9, 1995.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	72.33	69.15	66.36	65.99	66.78	66.01	65.80	66.19	69.37	71.85	73.36	74.64
10	72.12	69.20	65.68	65.90	66.37	65.85	65.78	66.93	69.86	71.62	73.47	74.90
15	71.83	68.75	65.52	66.10	66.28	66.07	66.32	67.66	70.44	71.79	75.08	74.87
20	71.31	67.74	65.82	65.96	66.24	66.06	66.41	68.31	71.00	71.69	73.89	74.23
25	70.26	67.10	65.89	65.93	66.05	65.51	66.31	68.48	71.58	72.00	74.36	74.39
EOM	69.76	67.14	66.04	66.51	65.61	65.28	65.94	68.73	71.83	72.90	73.81	74.73
MEAN	71.52	68.39	65.92	66.04	66.34	65.74	66.08	67.56	70.50	71.91	74.00	74.53
MAX	73.30	69.68	66.57	66.67	66.91	66.16	66.52	68.84	72.01	72.90	75.08	75.08
MIN	69.76	67.10	65.23	65.63	65.61	65.04	65.31	65.69	69.06	71.60	72.93	73.93

WTR YR 2005 MEAN 69.06 HIGH 65.04 MAR 29 LOW 75.08 AUG 15



05-0676 Coyle Airport Obs

NJ-WRD Well Number, 05-0676. Site I.D., 394914074254401. Local I.D., Coyle Airport Obs.

LOCATION.--Lat 39°49'14", long 74°25'45", Hydrologic Unit 02040301, about 200 ft north of Rt. 72, and 3.5 mi west of the intersection of Routes 549 and 72, Woodland Township.

AQUIFER.--Piney Point aquifer of Eocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 540 ft, screened 530 to 540 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level recorder, Feb. 1962 to July 1970.

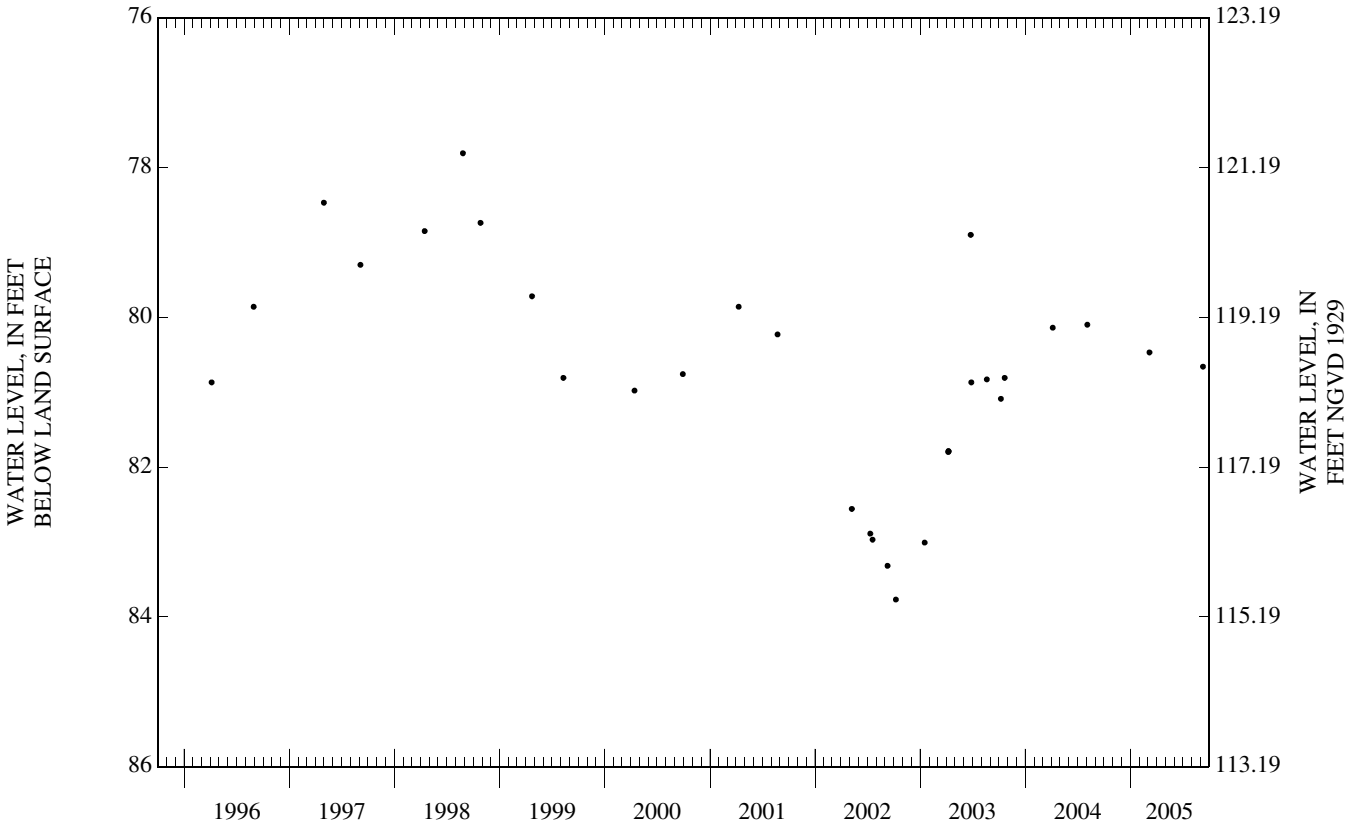
DATUM.--Land surface is 199.19 ft above NGVD of 1929. Measuring point: Top of shelter shelf, 2.40 ft above land surface.

PERIOD OF RECORD.--Feb. 1962 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 75.41 ft below land surface, June 14, 1973; lowest, 83.32 ft below land surface, Sept. 9, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 07	80.47	SEP 09	80.66



05-0683 Butler Place 1 Obs

NJ-WRD Well Number, 05-0683. Site I.D., 395122074301701. Local I.D., Butler Place 1 Obs.

LOCATION.--Lat 39°51'22", long 74°30'16", Hydrologic Unit 02040301, in Lebanon State Forest, Woodland Township.

AQUIFER.--Potomac-Raritan-Magothy aquifer system, undifferentiated, of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 2,117 ft, screened 2,102 to 2,117 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements, June 1975 to Sept. 1976. Water-level recorder, Oct. 1964 to June 1975.

DATUM.--Land surface is 140.66 ft above NGVD of 1929. Measuring point: Top of coupling, 2.80 ft above land surface.

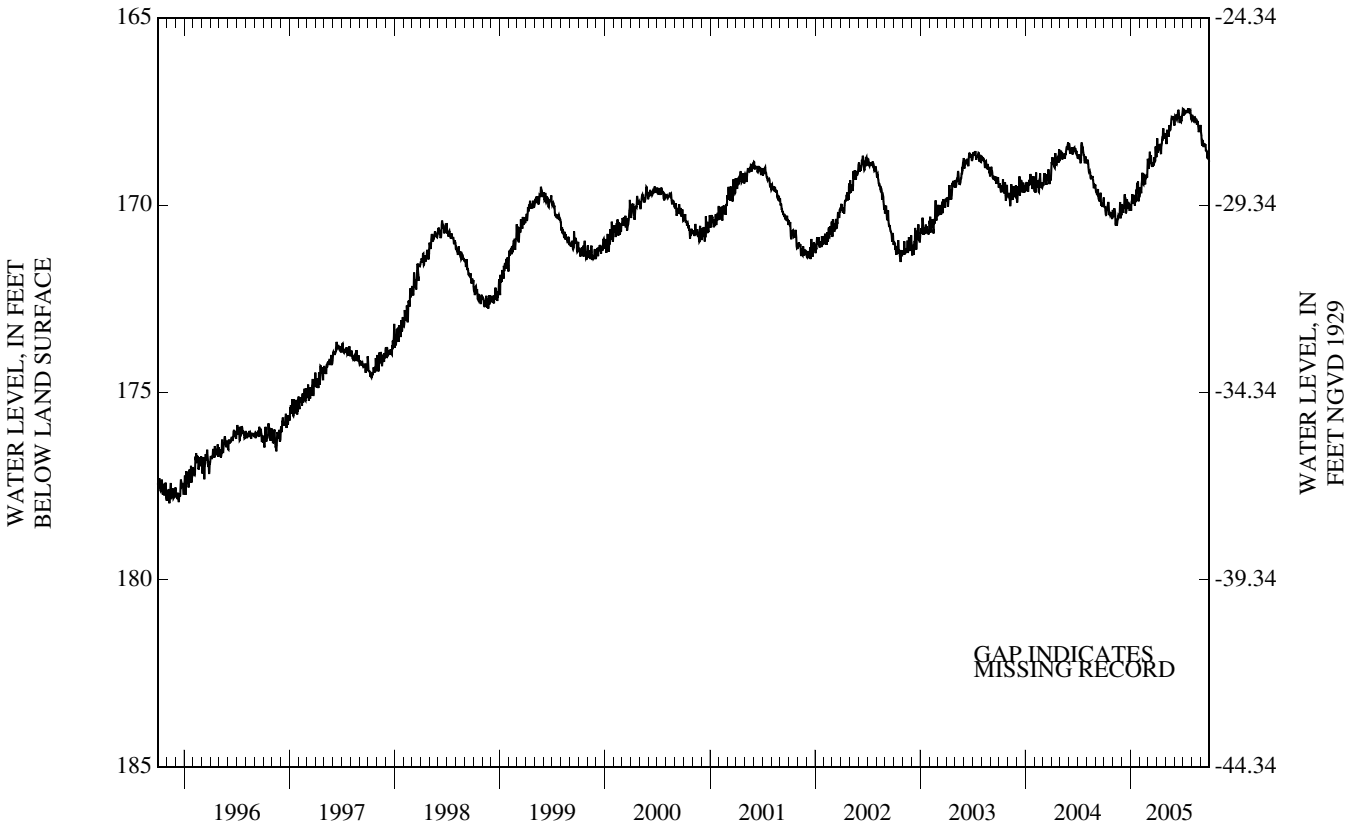
PERIOD OF RECORD.--Oct. 1964 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 143.20 ft below land surface, Feb. 25, 1965; lowest, 182.96 ft below land surface, Dec. 22-23, 1988.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	170.14	170.07	170.15	169.86	169.58	168.97	168.59	168.36	167.64	167.52	167.67	168.35
10	170.10	170.53	169.79	169.80	169.12	168.85	168.43	168.08	167.70	167.51	167.65	168.37
15	169.90	170.46	170.21	170.00	169.30	168.94	168.58	167.85	167.46	167.48	167.76	168.38
20	170.19	170.28	169.92	169.57	169.43	168.87	168.23	167.87	167.79	167.44	167.82	168.51
25	170.22	169.90	170.03	169.45	169.19	168.76	168.05	167.67	167.73	167.46	168.04	168.74
EOM	170.12	170.24	170.05	169.63	168.97	168.71	168.10	167.75	167.49	167.70	167.85	168.83
MEAN	170.15	170.28	170.01	169.76	169.35	168.80	168.33	167.92	167.65	167.50	167.79	168.44
MAX	170.36	170.53	170.21	170.14	169.69	169.01	168.65	168.36	167.84	167.70	168.04	168.83
MIN	169.90	169.90	169.70	169.36	168.97	168.42	167.94	167.61	167.46	167.40	167.60	167.99

WTR YR 2005 MEAN 168.83 HIGH 167.40 JUL 19 LOW 170.53 NOV 10



05-0684 Butler Place 2 Obs

NJ-WRD Well Number, 05-0684. Site I.D., 395122074301702. Local I.D., Butler Place 2 Obs.

LOCATION.--Lat 39°51'22", long 74°30'16", Hydrologic Unit 02040301, in Lebanon State Forest, Woodland Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 4 in., depth 170 ft, screened 160 to 170 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Water-level extremes recorder, Mar. 1977 to Mar. 2001. Periodic measurements, Apr. 1975 to Mar. 1977. Water-level recorder, May 1965 to Apr. 1975.

DATUM.--Land surface is 140.82 ft above NGVD of 1929. Measuring point: Top of coupling, 2.52 ft above land surface.

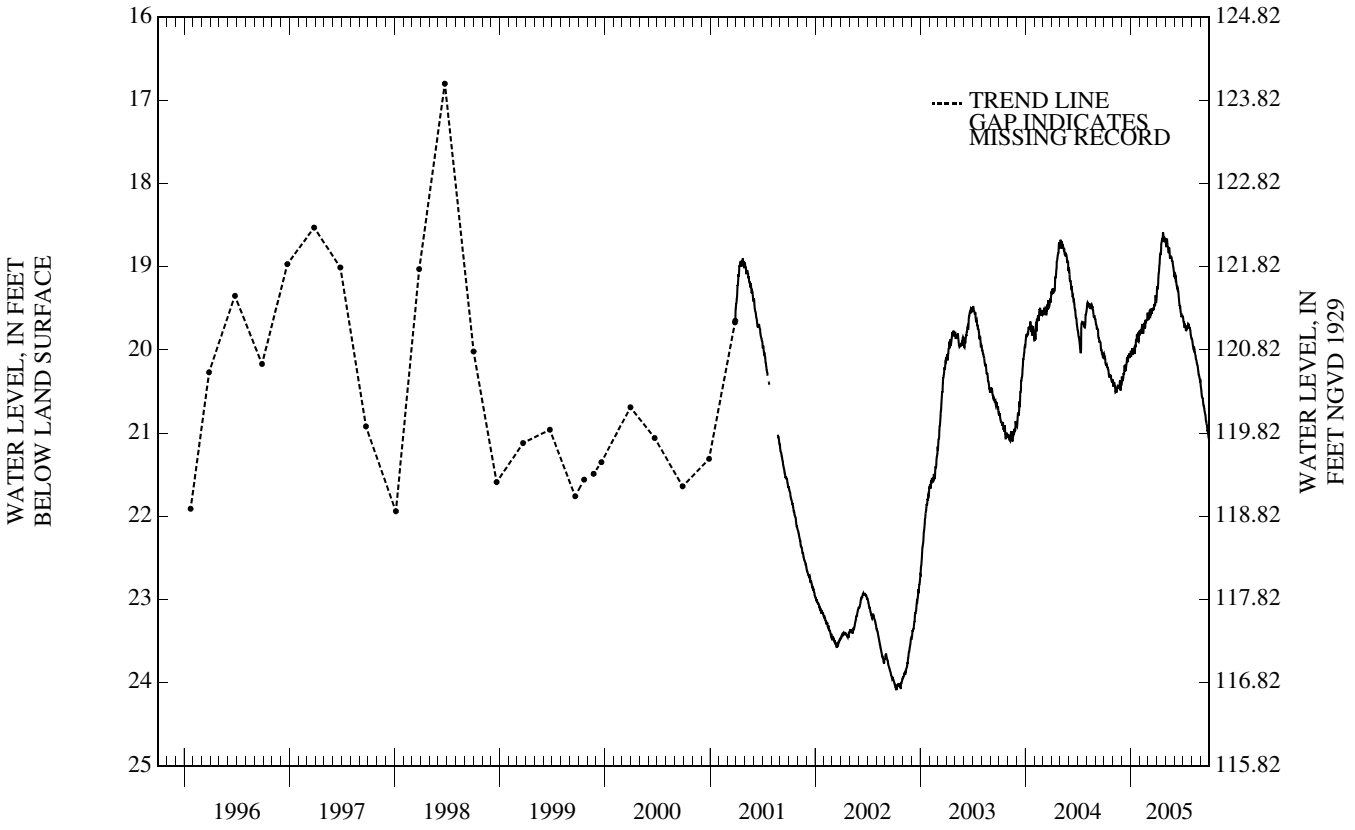
PERIOD OF RECORD.--May 1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 15.14 ft below land surface, Feb. 15, 1973; lowest, 24.09 ft below land surface, Oct. 9-11, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	20.15	20.40	20.36	20.02	19.80	19.61	19.26	18.76	19.13	19.67	19.95	20.56
10	20.19	20.51	20.19	20.00	19.69	19.58	18.99	18.77	19.24	19.74	19.99	20.65
15	20.23	20.46	20.25	20.05	19.73	19.56	18.86	18.79	19.31	19.73	20.10	20.75
20	20.31	20.44	20.14	19.87	19.73	19.49	18.66	18.88	19.47	19.70	20.17	20.86
25	20.35	20.37	20.09	19.82	19.64	19.46	18.66	18.93	19.58	19.73	20.30	20.98
EOM	20.39	20.40	20.05	19.82	19.56	19.40	18.66	19.07	19.60	19.87	20.37	21.10
MEAN	20.26	20.44	20.19	19.94	19.72	19.52	18.88	18.84	19.35	19.73	20.12	20.77
MAX	20.40	20.51	20.37	20.08	19.82	19.63	19.35	19.07	19.61	19.87	20.37	21.10
MIN	20.08	20.37	20.04	19.77	19.56	19.34	18.59	18.66	19.09	19.60	19.87	20.44

WTR YR 2005 MEAN 19.81 HIGH 18.59 APR 23 LOW 21.10 SEP 30



05-0689 Lebanon State Forest 23-D Obs

NJ-WRD Well Number, 05-0689. Site I.D., 395150074284201. Local I.D., Lebanon State Forest 23-D Obs.

LOCATION.--Lat 39°51'52", long 74°28'47", Hydrologic Unit 02040202, in Lebanon State Forest, Woodland Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 8 in., depth 33 ft, open-end cement casing.

INSTRUMENTATION.--Data collection platform with satellite telemetry--60-minute recording interval. Water-level recorder, Jan. 1979 to May 2001. Periodic measurements, Apr. 1975 to Jan. 1979. Water-level recorder, Sept. 1955 to Apr. 1975.

DATUM.--Land surface is 152.02 ft above NGVD of 1929. Measuring point: Top of casing, 0.70 ft above land surface.

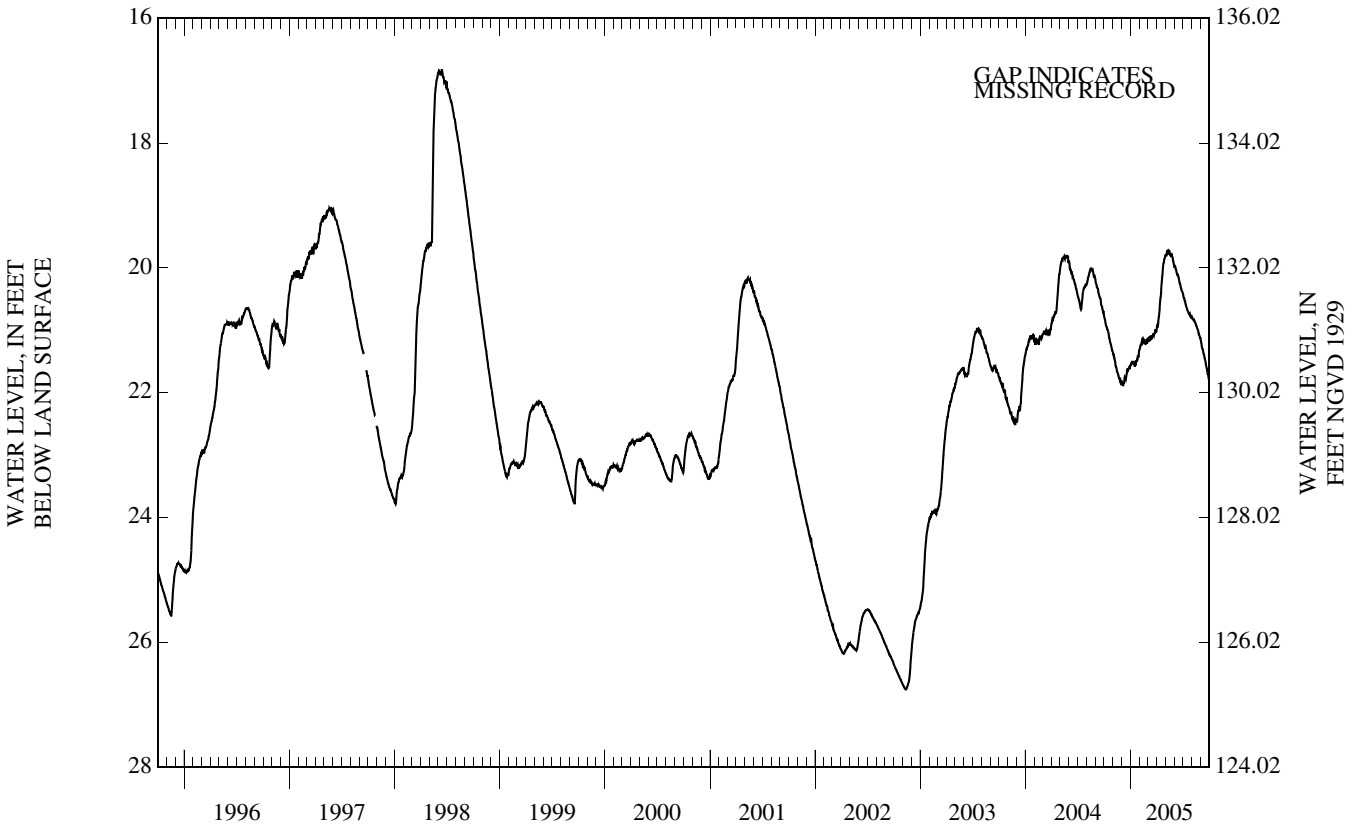
PERIOD OF RECORD.--Sept. 1955 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 14.37 ft below land surface, Sept. 11, 1958; lowest, 26.76 ft below land surface, Nov. 12, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	20.87	21.44	21.88	21.51	21.23	21.16	20.94	19.80	20.00	20.48	20.82	21.26
10	20.95	21.58	21.78	21.50	21.14	21.15	20.71	19.74	20.09	20.57	20.84	21.35
15	21.02	21.66	21.78	21.58	21.16	21.13	20.45	19.73	20.13	20.65	20.91	21.45
20	21.16	21.74	21.65	21.48	21.21	21.07	20.14	19.78	20.25	20.71	20.97	21.57
25	21.25	21.76	21.61	21.42	21.19	21.04	19.92	19.81	20.33	20.74	21.06	21.70
EOM	21.35	21.86	21.55	21.31	21.14	21.02	19.81	19.95	20.39	20.80	21.12	21.81
MEAN	21.07	21.65	21.72	21.49	21.19	21.09	20.40	19.79	20.17	20.64	20.94	21.47
MAX	21.35	21.86	21.88	21.58	21.30	21.18	20.98	19.95	20.39	20.80	21.12	21.81
MIN	20.79	21.39	21.55	21.31	21.13	20.98	19.81	19.72	19.97	20.40	20.79	21.16

WTR YR 2005 MEAN 20.97 HIGH 19.72 MAY 8 LOW 21.88 DEC 5



05-1155 Medford MW-1 Obs

NJ-WRD Well Number, 05-1155. Site I.D., 395315074494601. Local I.D., Medford MW-1 Obs. NJ Permit Number, 31-39849.

LOCATION.--Lat 39°53'15", long 74°49'45", Hydrologic Unit 02040202, on the east side of Mill St. (County Rt. 623), 0.6 mi south of County Rt. 541, Medford Township.

AQUIFER.--Wenonah-Mount Laurel aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 180 ft, screened 120 to 180 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60-minute recording interval. Water-level recorder, Sept. 1992 to May 1998.

DATUM.--Land surface is 46.15 ft above NGVD of 1929 (levels by Medford Township). Measuring point: Top of recorder shelf, 2.90 ft above land surface.

REMARKS.--Water level is affected by nearby pumping.

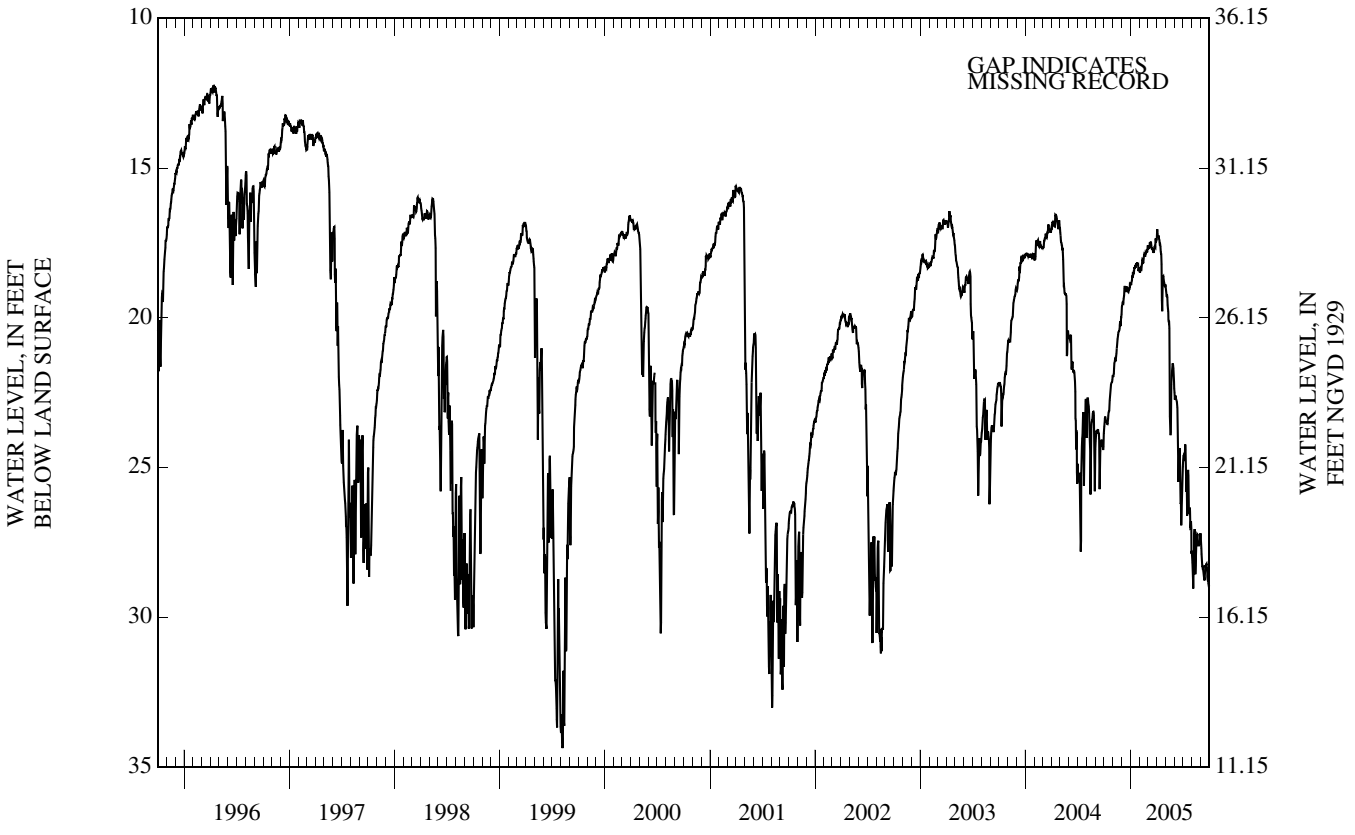
PERIOD OF RECORD.--Sept. 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 12.17 ft below land surface, Apr. 16, 1996; lowest, 34.43 ft below land surface, Aug. 7, 1999.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	23.36	21.52	19.49	18.74	18.40	17.68	17.27	19.22	22.59	24.62	28.62	28.04
10	23.43	21.41	19.02	18.51	18.06	17.51	17.38	19.70	22.81	24.41	27.20	28.44
15	23.27	20.84	19.13	18.36	17.99	17.69	17.79	20.35	24.62	26.06	27.98	28.65
20	22.75	20.46	19.03	18.18	17.96	17.75	19.78	23.82	24.35	25.27	27.22	28.22
25	22.22	20.12	19.08	18.20	17.75	17.61	18.70	21.68	26.93	26.33	27.56	28.73
EOM	21.91	19.88	18.86	18.42	17.69	17.42	18.95	22.13	25.21	27.87	27.19	28.96
MEAN	22.93	20.87	19.15	18.43	18.06	17.61	18.07	20.96	24.24	25.64	27.73	28.38
MAX	23.63	21.97	19.63	18.90	18.46	17.83	19.78	23.91	26.93	27.87	29.04	28.96
MIN	21.91	19.88	18.86	18.14	17.69	17.34	17.04	18.88	22.36	24.22	27.05	27.32

WTR YR 2005 MEAN 21.86 HIGH 17.04 APR 3 LOW 29.04 AUG 6



05-1250 McGuire 08-MW-52 Obs

NJ-WRD Well Number, 05-1250. Site I.D., 400148074352001. Local I.D., McGuire 08-MW-52 Obs. NJ Permit Number, 28-20189-2.

LOCATION.--Lat 40°01'48", long 74°35'19", Hydrologic Unit 02040201, at base fuel storage area, New Hanover Township.

AQUIFER.--Vincentown aquifer of Paleocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in., depth 55 ft, screened 45 to 55 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Water-level recorder, June 1996 to Oct. 2002. Recording interval was 15 minutes from June 1996 to July 2001.

DATUM.--Land surface is 112.20 ft above NGVD of 1929. Measuring point: Top of well seal, 4.80 ft above land surface.

REMARKS.--Water level affected by pumping between Nov. 30 and Dec. 16, 2000.

PERIOD OF RECORD.--June 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 7.79 ft below land surface, June 21, 2003; lowest, 10.86 ft below land surface, Oct. 8, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	9.58	9.66	9.27	9.23	9.23	---	---	8.73	9.07	9.17	9.47	9.88
10	9.59	9.77	8.96	9.05	8.87	---	---	8.78	9.00	9.14	9.47	9.92
15	9.64	9.52	9.08	8.96	8.76	---	8.33	8.83	9.02	9.16	9.56	9.93
20	9.70	9.49	9.09	8.81	8.75	---	8.36	8.90	9.18	9.22	9.60	9.97
25	9.72	9.42	9.16	8.97	---	---	8.56	8.96	9.24	9.28	9.72	10.05
EOM	9.74	9.41	9.23	9.18	8.57	---	8.62	9.09	9.19	9.41	9.68	10.12
MEAN	9.65	9.59	9.13	9.04	---	---	---	8.85	9.10	9.22	9.58	9.94
MAX	9.79	9.82	9.30	9.31	---	---	---	9.09	9.27	9.41	9.74	10.12
MIN	9.50	9.39	8.95	8.81	---	---	---	8.57	8.94	9.12	9.40	9.80

05-1251 McGuire 08-MW-102 Obs

NJ-WRD Well Number, 05-1251. Site I.D., 400148074352101. Local I.D., McGuire 08-MW-102 Obs. NJ Permit Number, 28-27186.

LOCATION.--Lat 40°01'48", long 74°35'20", Hydrologic Unit 02040201, at base fuel storage area, New Hanover Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in., depth 20 ft, screened 10 to 20 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Water-level recorder, June 1996 to Oct 2002.

DATUM.--Land surface is 113.49 ft above NGVD of 1929. Measuring point: Top of recorder shelf, 3.25 ft above land surface.

REMARKS.--Water level affected by pumping between Nov. 30 and Dec. 16, 2000.

PERIOD OF RECORD.--June 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 7.41 ft below land surface, June 22, 2003; lowest, 12.80 ft below land surface, Dec. 14, 2000.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	9.31	9.47	9.02	8.91	8.93	8.21	7.83	8.30	8.66	8.65	9.00	9.53
10	9.29	9.56	8.67	8.66	8.54	8.22	7.58	8.34	8.54	8.61	9.01	9.57
15	9.36	9.32	8.79	8.63	8.43	8.30	7.88	8.38	8.51	8.57	9.16	9.61
20	9.47	9.25	8.76	8.37	8.34	8.35	7.87	8.51	8.74	8.63	9.17	9.62
25	9.46	9.16	8.86	8.59	8.24	8.33	8.14	8.55	8.80	8.71	9.33	9.72
EOM	9.49	9.20	8.89	8.85	8.09	8.03	8.22	8.70	8.73	8.91	9.27	9.82
MEAN	9.39	9.38	8.83	8.68	8.51	8.24	7.87	8.43	8.66	8.68	9.14	9.60
MAX	9.56	9.60	9.08	8.99	8.94	8.46	8.31	8.70	8.84	8.91	9.36	9.82
MIN	9.22	9.16	8.60	8.36	8.09	8.01	7.58	8.12	8.46	8.55	8.89	9.42

WTR YR 2005 MEAN 8.79 HIGH 7.58 APR 10 LOW 9.82 SEP 30

05-1387 Evesham 4 Obs

NJ-WRD Well Number, 05-1387. Site I.D., 394800074524601. Local I.D., Evesham 4 Obs. NJ Permit Number, 31-40373.

LOCATION.--Lat 39°48'00", long 74°52'45", Hydrologic Unit 02040301, near the intersection of Thomas Eakins and Georgia O'Keefe Roads, Evesham Township.

AQUIFER.--Wenonah-Mount Laurel aquifer of Cretaceous age.

WELL CHARACTERISTICS.-- Drilled artesian observation well, diameter 2 in., depth 355 ft, screened 335 to 355 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.-- Land surface is 119 ft above NGVD of 1929, from topographic map. Measuring point: Top of base of aluminum locking cap, 1.40 ft above land surface.

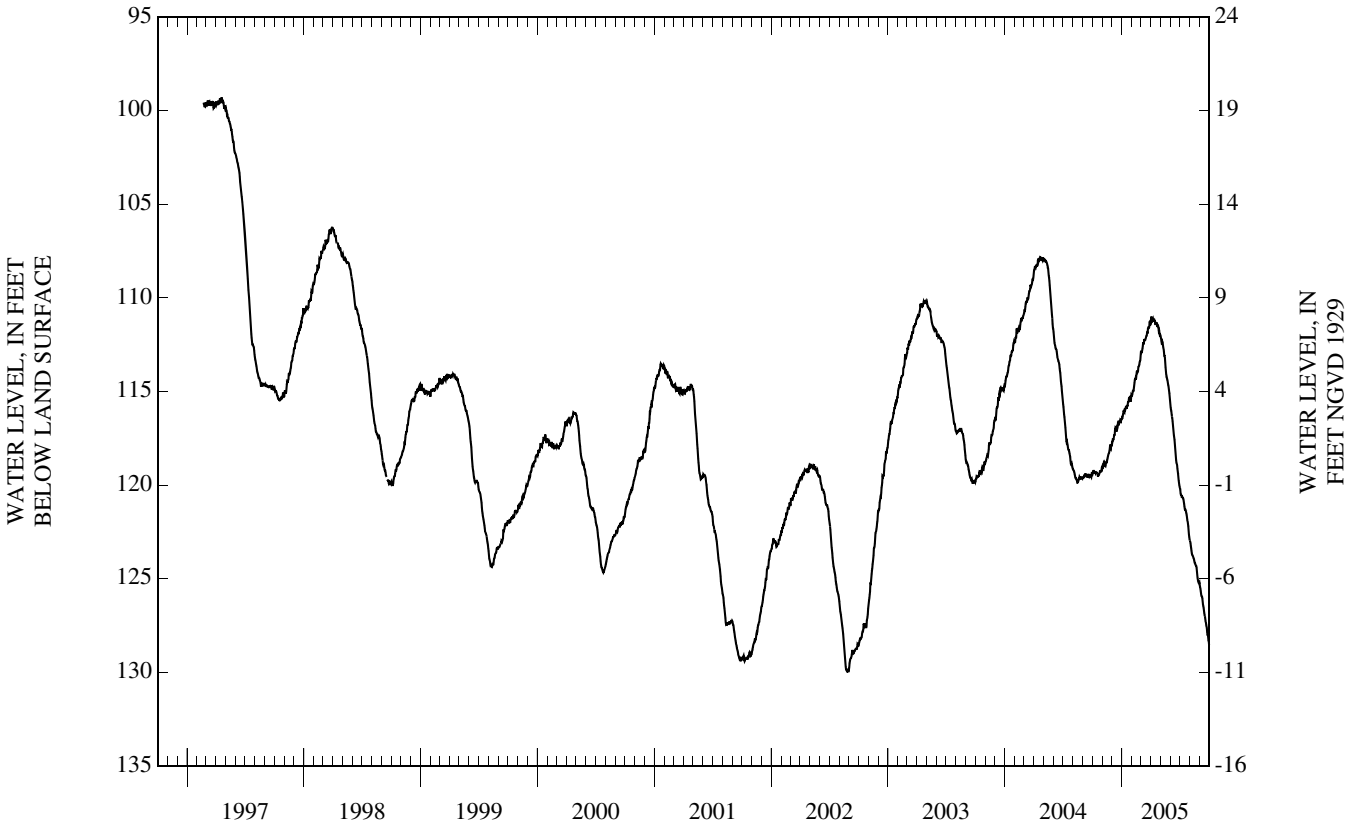
PERIOD OF RECORD.--Feb. 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 99.24 ft below land surface, Apr. 18, 1997; lowest, 130.01 ft below land surface, Aug. 28, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	119.26	118.82	117.57	116.17	114.96	112.80	111.27	112.42	116.21	120.54	123.38	125.81
10	119.32	118.99	117.07	115.96	114.36	112.44	111.20	112.66	116.97	120.69	123.77	126.23
15	119.34	118.73	117.15	115.93	114.11	112.25	111.39	113.20	117.77	121.15	124.07	126.84
20	119.44	118.34	116.76	115.53	113.92	111.90	111.37	114.17	118.81	121.43	124.30	127.33
25	119.26	117.83	116.64	115.33	113.44	111.59	111.64	114.63	119.39	121.93	124.97	127.97
EOM	119.02	117.87	116.46	115.24	113.10	111.43	111.96	115.47	120.10	122.89	125.22	128.55
MEAN	119.32	118.54	117.00	115.77	114.20	112.12	111.40	113.56	117.90	121.29	124.16	126.88
MAX	119.56	119.11	117.68	116.46	115.23	112.92	111.98	115.47	120.10	122.89	125.26	128.55
MIN	119.02	117.82	116.46	115.21	113.10	111.26	111.00	111.99	115.68	120.16	122.96	125.37

WTR YR 2005 MEAN 117.70 HIGH 111.00 APR 3 LOW 128.55 SEP 30



05-1389 New Lisbon 1 Obs

NJ-WRD Well Number, 05-1389. Site I.D., 395309074352101. Local I.D., New Lisbon 1 Obs. NJ Permit Number, 32-22005.

LOCATION.--Lat 39°53'09", long 74°35'20", Hydrologic Unit 02040202, at New Lisbon Developmental Center, Woodland Township.

AQUIFER.--Upper Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.-- Drilled artesian observation well, diameter 4 in., depth 920 ft, screened 900 to 920 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval.

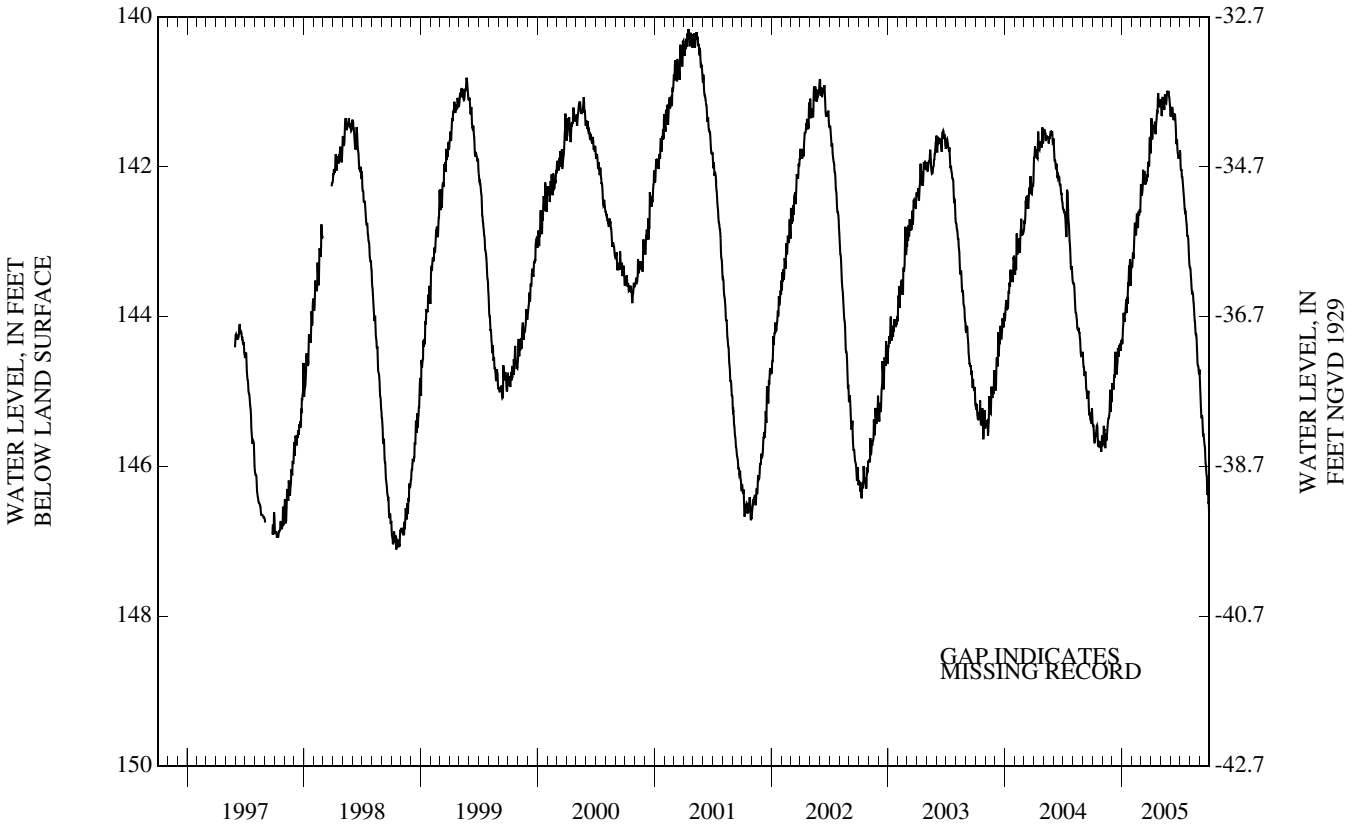
DATUM.-- Land surface is 107.3 ft above NGVD of 1929. Measuring point: Top of recorder shelf, 2.30 ft above land surface.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 140.12 ft below land surface, Apr. 18, 2001; lowest, 147.14 ft below land surface, Oct. 16-17, 1998.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	145.56	145.46	144.96	144.10	143.18	142.35	141.64	141.32	141.23	142.04	143.51	145.26
10	145.59	145.76	144.57	143.95	142.75	142.22	141.47	141.15	141.36	142.22	143.69	145.47
15	145.45	145.59	144.77	143.95	142.77	142.23	141.52	141.03	141.30	142.51	143.98	145.68
20	145.67	145.36	144.45	143.54	142.82	142.14	141.29	141.11	141.70	142.69	144.25	145.99
25	145.70	144.98	144.43	143.33	142.57	141.97	141.09	141.02	141.83	142.92	144.63	146.38
EOM	145.59	145.13	144.34	143.32	142.40	141.82	141.15	141.20	---	143.33	144.71	146.62
MEAN	145.62	145.44	144.61	143.77	142.85	142.11	141.37	141.11	---	142.53	144.05	145.75
MAX	145.81	145.76	144.98	144.36	143.34	142.38	141.77	141.32	---	143.33	144.77	146.62
MIN	145.42	144.98	144.32	143.23	142.40	141.60	141.02	140.98	---	141.78	143.34	144.85



05-1390 New Lisbon 2 Obs

NJ-WRD Well Number, 05-1390. Site I.D., 395309074352102. Local I.D., New Lisbon 2 Obs. NJ Permit Number 32-21804.

LOCATION.--Lat 39°53'09", long 74°35'20", Hydrologic Unit 02040202, at New Lisbon Developmental Center, Woodland Township.

AQUIFER.--Englishtown aquifer system of Cretaceous age.

WELL CHARACTERISTICS.-- Drilled artesian observation well, diameter 4 in., depth 635 ft, screened 615 to 635 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Water-level recorder, May 1997 to Mar. 2000.

DATUM.-- Land surface is 107.0 ft above NGVD of 1929. Measuring point: Top of recorder shelf, 3.60 ft above land surface.

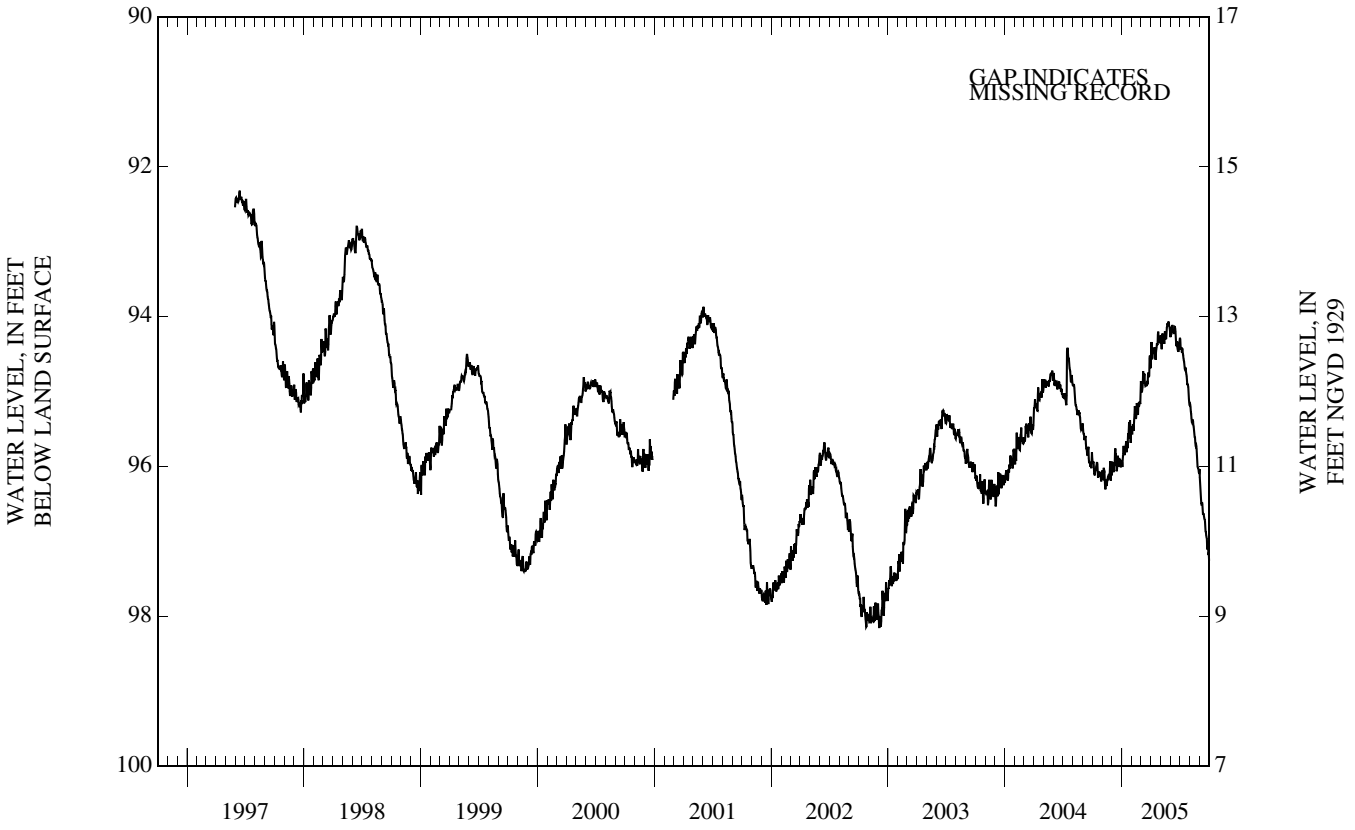
PERIOD OF RECORD.--May 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 92.30 ft below land surface, June 13-14, 1997; lowest, 98.19 ft below land surface, Dec. 3-4, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	96.02	96.02	96.05	95.83	95.48	94.98	94.57	94.43	94.16	94.43	95.30	96.45
10	96.04	96.31	95.82	95.77	95.20	94.88	94.45	94.29	94.22	94.49	95.38	96.58
15	95.94	96.22	96.07	95.81	95.24	94.93	94.55	94.20	94.14	94.65	95.56	96.69
20	96.08	96.14	95.91	95.56	95.31	94.88	94.36	94.22	94.39	94.74	95.73	96.87
25	96.10	95.93	95.95	95.44	95.13	94.77	94.26	94.11	94.44	94.90	96.00	97.11
EOM	96.06	96.11	95.96	95.53	95.00	94.69	94.29	94.20	94.32	95.18	96.04	97.26
MEAN	96.06	96.15	95.95	95.69	95.29	94.84	94.42	94.23	94.27	94.68	95.63	96.73
MAX	96.20	96.31	96.08	96.01	95.56	95.01	94.65	94.43	94.47	95.18	96.09	97.26
MIN	95.94	95.93	95.76	95.38	95.00	94.52	94.20	94.07	94.11	94.28	95.18	96.15

WTR YR 2005 MEAN 95.33 HIGH 94.07 MAY 26 LOW 97.26 SEP 30



05-1391 Coyle 2 Obs (OW96)

NJ-WRD Well Number, 05-1391. Site I.D., 394904074253601. Local I.D., Coyle 2 Obs (OW96). NJ Permit Number, 32-21805.

LOCATION.--Lat 39°49'04", long 74°25'35", Hydrologic Unit 02040301, at the State Forest Fire Service installation, Coyle Field, Woodland Township.

AQUIFER.--Upper Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.-- Drilled artesian observation well, diameter 4 in., depth 1,441 ft, screened 1,416 to 1,436 ft.

INSTRUMENTATION.--Water-level recorder--60 minute-recording interval.

DATUM.-- Land surface is 186.8 ft above NGVD of 1929. Measuring point: Top of recorder shelf, 4.00 ft above land surface.

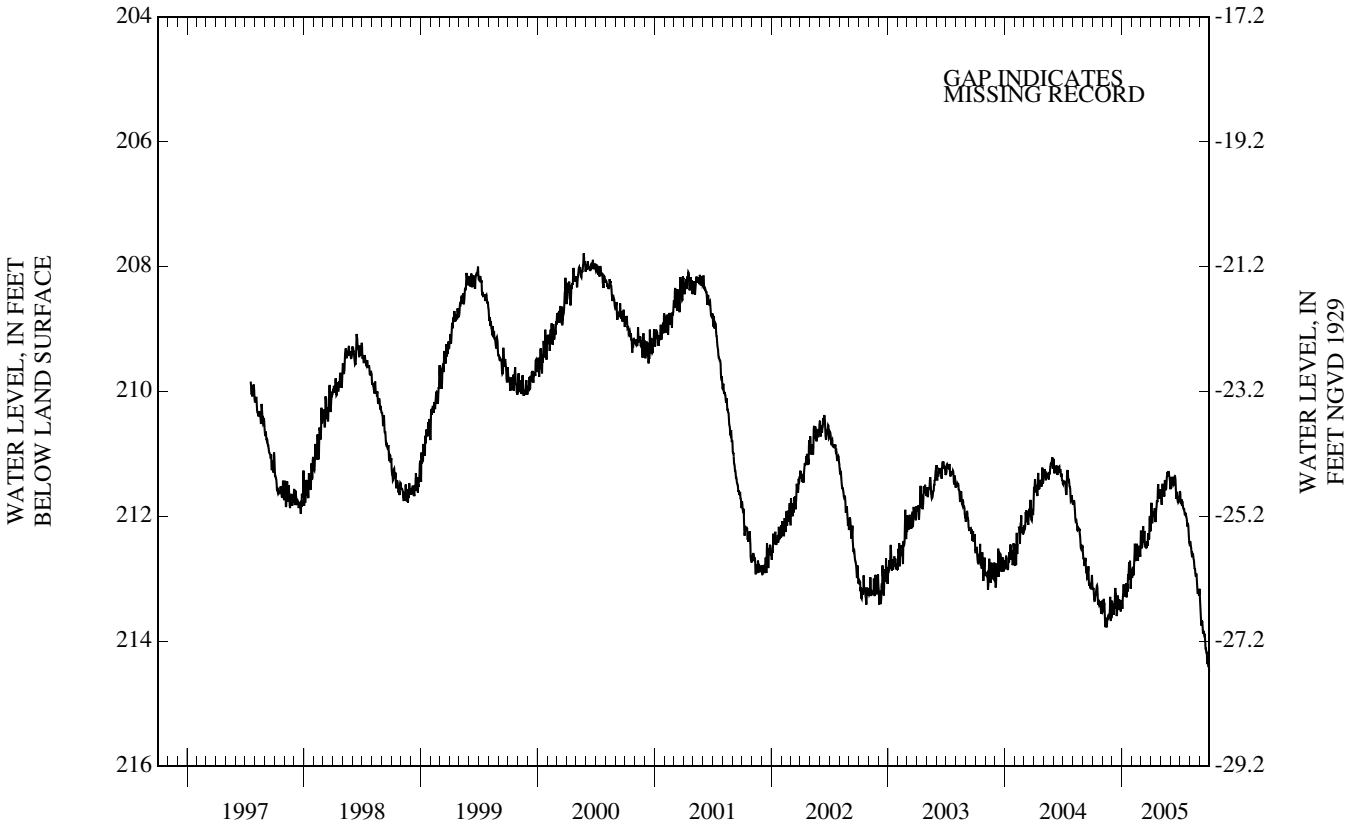
PERIOD OF RECORD.--July 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 207.75 ft below land surface, May 25, 2000; lowest, 214.54 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	213.25	213.32	213.53	213.24	212.87	212.48	212.11	211.82	211.40	211.76	212.51	213.68
10	213.25	213.78	213.23	213.17	212.44	212.42	211.96	211.59	211.50	211.83	212.60	213.80
15	213.11	213.72	213.60	213.30	212.57	212.49	212.06	211.42	211.36	211.92	212.80	213.90
20	213.35	213.61	213.33	212.93	212.71	212.44	211.75	211.46	211.72	211.99	212.95	214.12
25	213.40	213.29	213.43	212.80	212.54	212.33	211.59	211.32	211.75	212.11	213.23	214.37
EOM	213.35	213.60	213.41	212.93	212.42	212.24	211.62	211.44	211.64	212.44	213.16	214.49
MEAN	213.31	213.58	213.41	213.10	212.65	212.36	211.85	211.50	211.55	211.96	212.84	213.95
MAX	213.56	213.78	213.60	213.48	212.99	212.51	212.19	211.82	211.78	212.44	213.25	214.49
MIN	213.11	213.29	213.15	212.71	212.42	211.99	211.48	211.28	211.36	211.60	212.40	213.29

WTR YR 2005 MEAN 212.67 HIGH 211.28 MAY 26 LOW 214.49 SEP 30



05-1476 Rancocas St Pk MW 3

NJ-WRD Well Number, 05-1476. Site I.D., 395928074502701. Local I.D., Rancocas St Pk MW 3. NJ Permit Number, 31-55694.

LOCATION.--Lat 39°59'28", long 74°50'26", Hydrologic Unit 02040202, in Rancocas State Park, Hainesport Township.

AQUIFER.--Englishtown aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 2 in., depth 14 ft, screened 9 to 14 ft.

INSTRUMENTATION.--Data collection platform with satellite telemetry--60 minute recording interval. Submersible logger pressure transducer, June 2003 to May 2005.

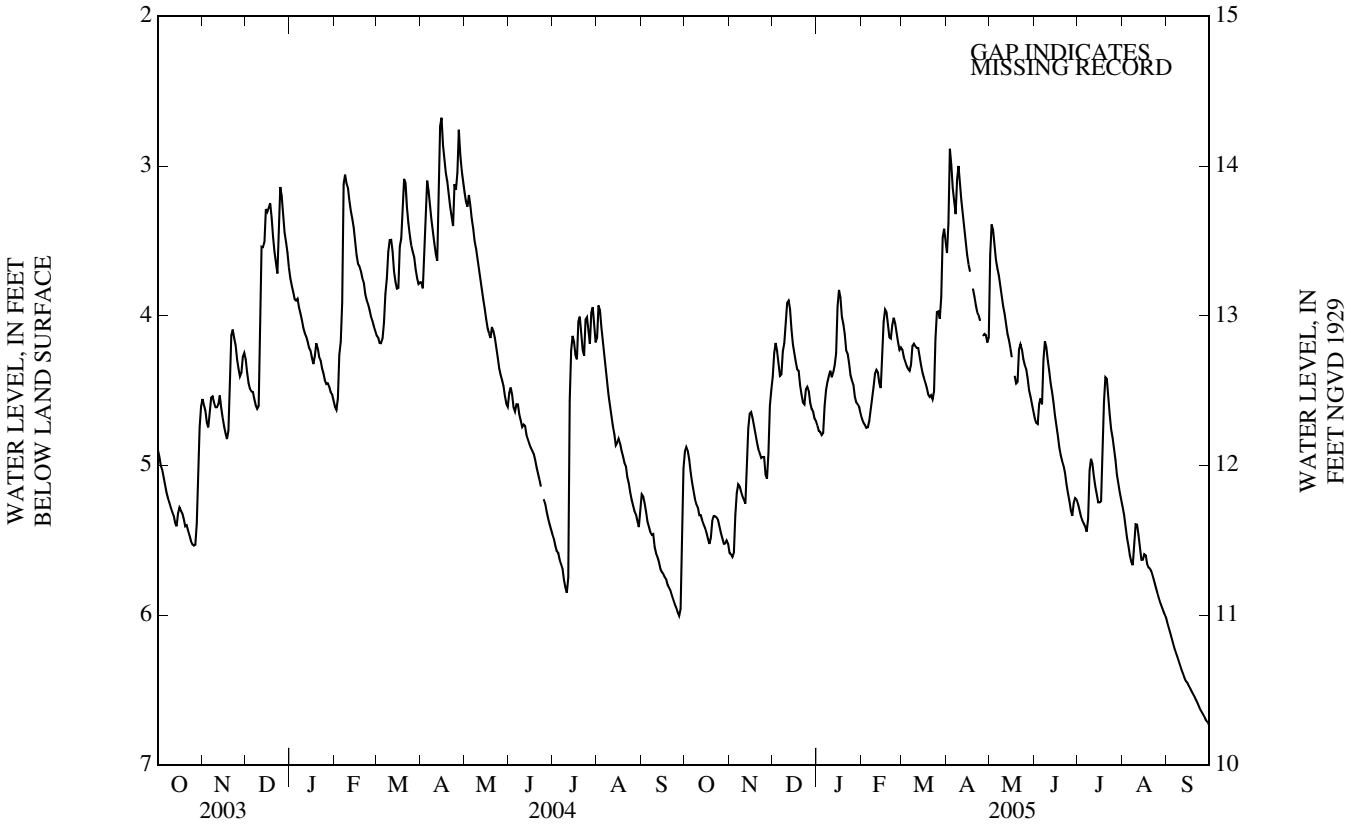
DATUM.--Land surface is 17 ft above NGVD of 1929, from topographic map. Measuring point: Top of protective well casing, 2.30 ft above land surface.

PERIOD OF RECORD.--June 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.58 ft below land surface, Apr. 14-15, 2004; lowest, 6.74 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.05	5.33	4.32	4.78	4.74	4.35	3.15	3.63	4.55	5.39	5.54	6.19
10	5.28	5.20	4.06	4.37	4.39	4.20	3.11	3.94	4.30	4.95	5.39	6.34
15	5.41	4.65	4.19	3.94	4.24	4.38	3.59	4.22	4.67	5.24	5.63	6.45
20	5.37	4.84	4.46	4.12	4.14	4.54	3.87	4.44	4.97	4.41	5.69	6.54
25	5.41	4.94	4.47	4.43	4.11	3.98	---	4.33	5.24	4.81	5.85	6.65
EOM	5.52	4.49	4.70	4.65	4.21	3.49	4.15	4.64	5.23	5.23	6.01	6.73
MEAN	5.31	5.03	4.35	4.40	4.34	4.21	---	---	4.79	5.05	5.65	6.44
MAX	5.52	5.61	4.70	4.80	4.75	4.56	---	---	5.33	5.44	6.01	6.73
MIN	4.88	4.49	3.90	3.83	3.96	3.42	---	---	4.17	4.41	5.28	6.05



05-1528 McDonalds Branch 2

NJ-WRD Well Number, 05-1528. Site I.D., 395243074305501. Local I.D., McDonalds Branch 2.

LOCATION.--Lat 39°52'43.1", long 74°30'55.3", Hydrologic Unit 02040202, in Brendan Byrne State Forest, Woodland Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Driven water-table observation well, diameter 1.25 in., depth 6.00 ft, screened 5.00 to 6.00 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 121.09 ft above NGVD of 1929, from digital elevation model. The land surface elevation is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and well McDonalds Branch 2 Shall (05-1538) is accurate to within 0.01 ft, from differential surveying. Measuring point: Top of casing, 3.00 ft above land surface.

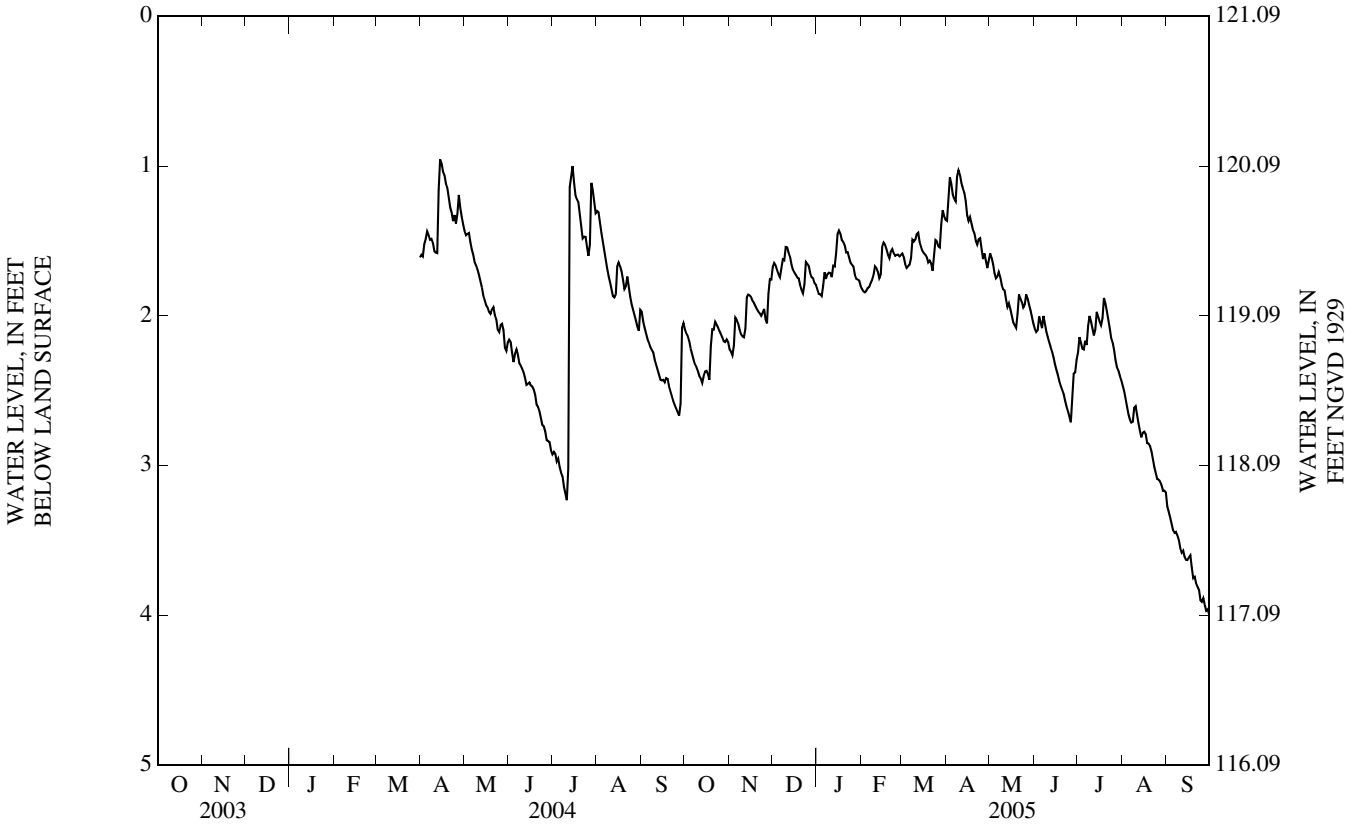
PERIOD OF RECORD.--March 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 0.93 ft below land surface, Apr. 14, 2004; lowest, 4.03 ft below land surface, July 11, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.22	2.01	1.72	1.80	1.81	1.67	1.19	1.75	2.04	2.22	2.66	3.43
10	2.37	2.14	1.54	1.71	1.67	1.49	1.06	1.82	2.14	2.04	2.60	3.55
15	2.37	1.86	1.69	1.45	1.54	1.57	1.33	1.95	2.32	2.00	2.78	3.63
20	2.09	1.95	1.79	1.53	1.61	1.63	1.45	1.98	2.49	1.92	2.87	3.74
25	2.10	1.95	1.65	1.66	1.59	1.50	1.55	1.92	2.67	2.18	3.09	3.91
EOM	2.17	1.76	1.79	1.80	1.59	1.36	1.63	2.05	2.29	2.43	3.18	3.99
MEAN	2.23	2.00	1.70	1.67	1.67	1.54	1.34	1.87	2.31	2.13	2.83	3.65
MAX	2.45	2.26	1.85	1.87	1.84	1.70	1.68	2.08	2.71	2.43	3.18	3.99
MIN	2.04	1.75	1.54	1.43	1.51	1.29	1.03	1.58	2.00	1.88	2.46	3.27

WTR YR 2005 MEAN 2.08 HIGH 1.03 APR 9 LOW 3.99 SEP 30



05-1529 McDonalds Branch 1

NJ-WRD Well Number, 05-1529. Site I.D., 395313074300801. Local I.D., McDonalds Branch 1.

LOCATION.--Lat 39°53'13.4", long 74°30'08.4", Hydrologic Unit 02040202, in Brendan Byrne State Forest, Woodland Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Driven water-table observation well, diameter 1.25 in., depth 7.15 ft, screened 4.15 to 5.15 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 120.26 ft above NGVD of 1929, from digital elevation model. Measuring point: Top of casing, 2.85 ft above land surface.

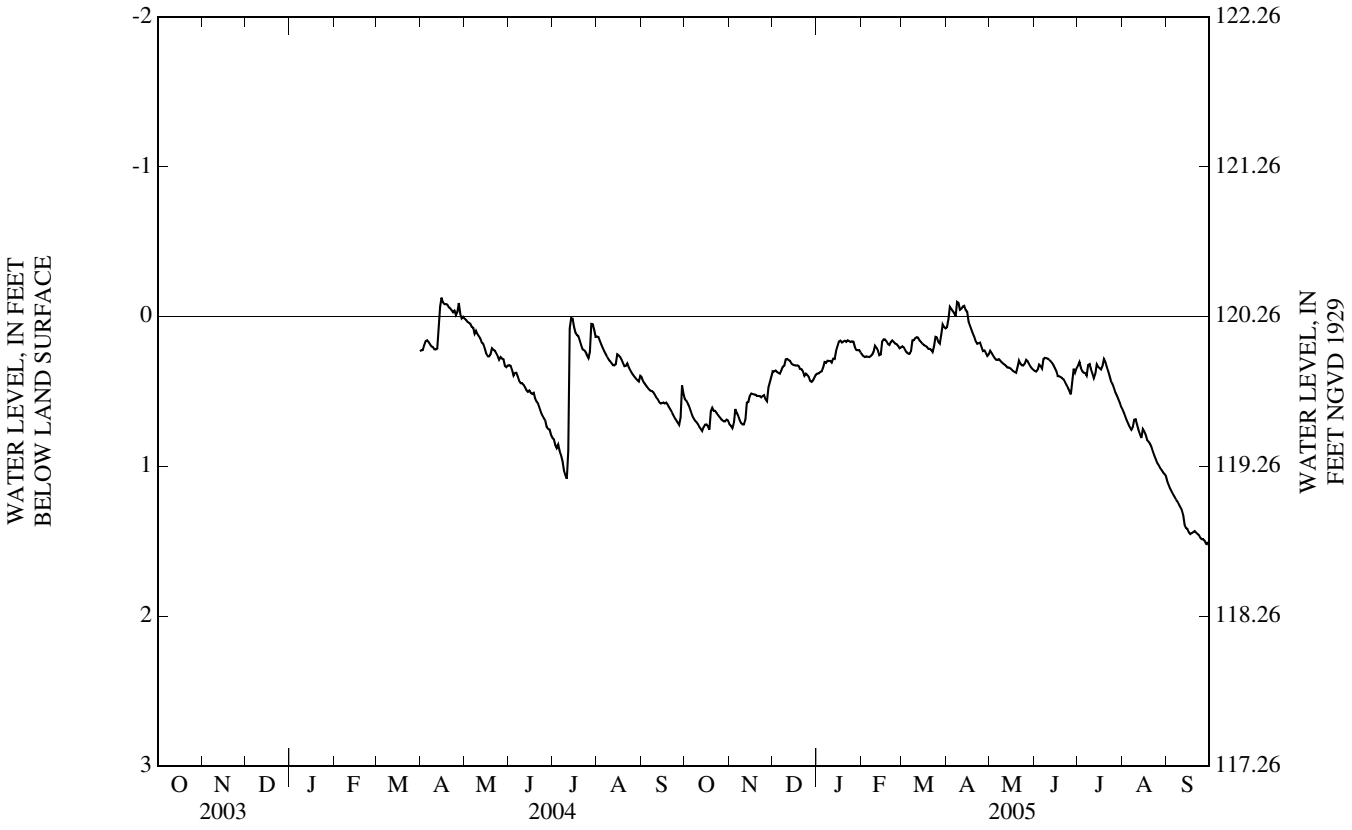
PERIOD OF RECORD.--March 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 0.15 ft above land surface, Apr. 8, 2005; lowest, 1.56 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	0.63	0.62	0.38	0.34	0.27	0.25	-0.04	0.29	0.33	0.38	0.72	1.19
10	0.72	0.72	0.29	0.30	0.19	0.14	-0.04	0.31	0.28	0.35	0.69	1.27
15	0.72	0.53	0.32	0.20	0.17	0.18	-0.03	0.35	0.34	0.34	0.75	1.42
20	0.61	0.53	0.35	0.16	0.19	0.21	0.14	0.34	0.41	0.30	0.85	1.43
25	0.67	0.52	0.39	0.17	0.18	0.14	0.20	0.32	0.50	0.45	0.98	1.49
EOM	0.69	0.40	0.39	0.24	0.21	0.08	0.25	0.36	0.35	0.60	1.06	1.53
MEAN	0.67	0.59	0.36	0.24	0.21	0.18	0.07	0.32	0.37	0.39	0.83	1.36
MAX	0.76	0.75	0.44	0.38	0.27	0.25	0.26	0.37	0.52	0.60	1.06	1.53
MIN	0.55	0.40	0.28	0.16	0.15	0.05	-0.10	0.23	0.28	0.28	0.62	1.10

WTR YR 2005 MEAN 0.47 HIGH -0.10 APR 8 LOW 1.53 SEP 30



05-1538 McDonalds Branch 2 Shallow

NJ-WRD Well Number, 05-1538. Site I.D., 395244074305501. Local I.D., McDonalds Branch 2 Shallow.

LOCATION.--Lat 39°52'43.9", long 74°30'55.1", Hydrologic Unit 02040202, in Brendan Byrne State Forest, Woodland Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Driven water-table observation well, diameter 1.25 in., depth 5.3 ft, screened 1.3 to 3.3 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 121.22 ft above NGVD of 1929, from digital elevation model. The land surface elevation is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and well McDonalds Branch 2 (05-1528) is accurate to within 0.01 ft, from differential surveying. Measuring point: Top of casing, 2.70 ft above land surface.

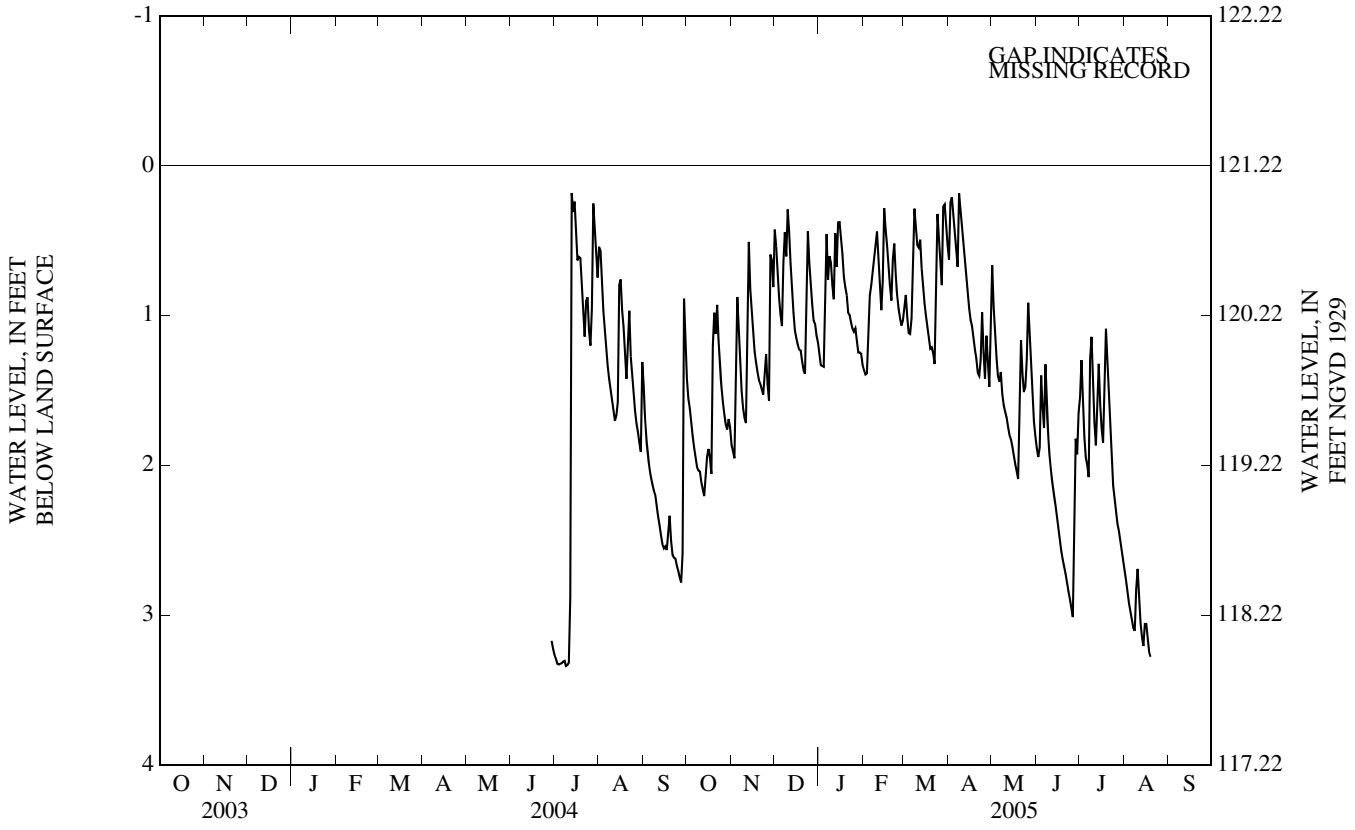
REMARK.--Water level was below the bottom of the screen Aug. 21 through Sept. 30, 2005.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 0.06 ft below land surface, Apr. 2, 2005; lowest, 3.34 ft below land surface, July 8-10, 2004.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.80	0.88	0.99	0.75	0.87	1.12	0.46	1.40	1.61	1.95	2.98	---
10	2.04	1.68	0.29	0.80	0.44	0.53	0.41	1.64	1.96	1.47	2.69	---
15	1.94	0.99	1.10	0.38	0.28	0.92	0.95	1.88	2.35	1.59	3.06	---
20	0.98	1.43	1.31	0.86	0.90	1.21	1.29	1.59	2.68	1.42	---	---
25	1.48	1.26	0.65	1.11	0.95	0.51	1.25	1.30	2.96	2.21	---	---
EOM	1.75	0.81	1.18	1.33	1.03	0.53	1.11	1.81	1.65	2.65	---	---
MEAN	1.70	1.32	0.89	0.91	0.81	0.78	0.87	1.51	2.20	1.83	---	---
MAX	2.21	1.95	1.39	1.34	1.39	1.32	1.48	2.09	3.01	2.65	---	---
MIN	0.93	0.51	0.29	0.38	0.28	0.26	0.18	0.67	1.33	1.09	---	---



05-1556 MB OW-1D

NJ-WRD Well Number, 05-1556. Site I.D., 395152074284601. Local I.D., MB OW-1D.

LOCATION.--Lat 39°51'51.5", long 74°28'45.5", Hydrologic Unit 02040202, in Brendan Byrne State Forest, Woodland Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 2 in., depth 190 ft, screened 180 to 190 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 152.05 ft above NGVD of 1929, from digital elevation model. The land surface elevation is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and wells LEBANON SF 23-D (05-0689) and MB OW-1M (05-1557) is accurate to within 0.01 ft, from differential surveying. Measuring point: Top of casing, 1.30 ft above land surface.

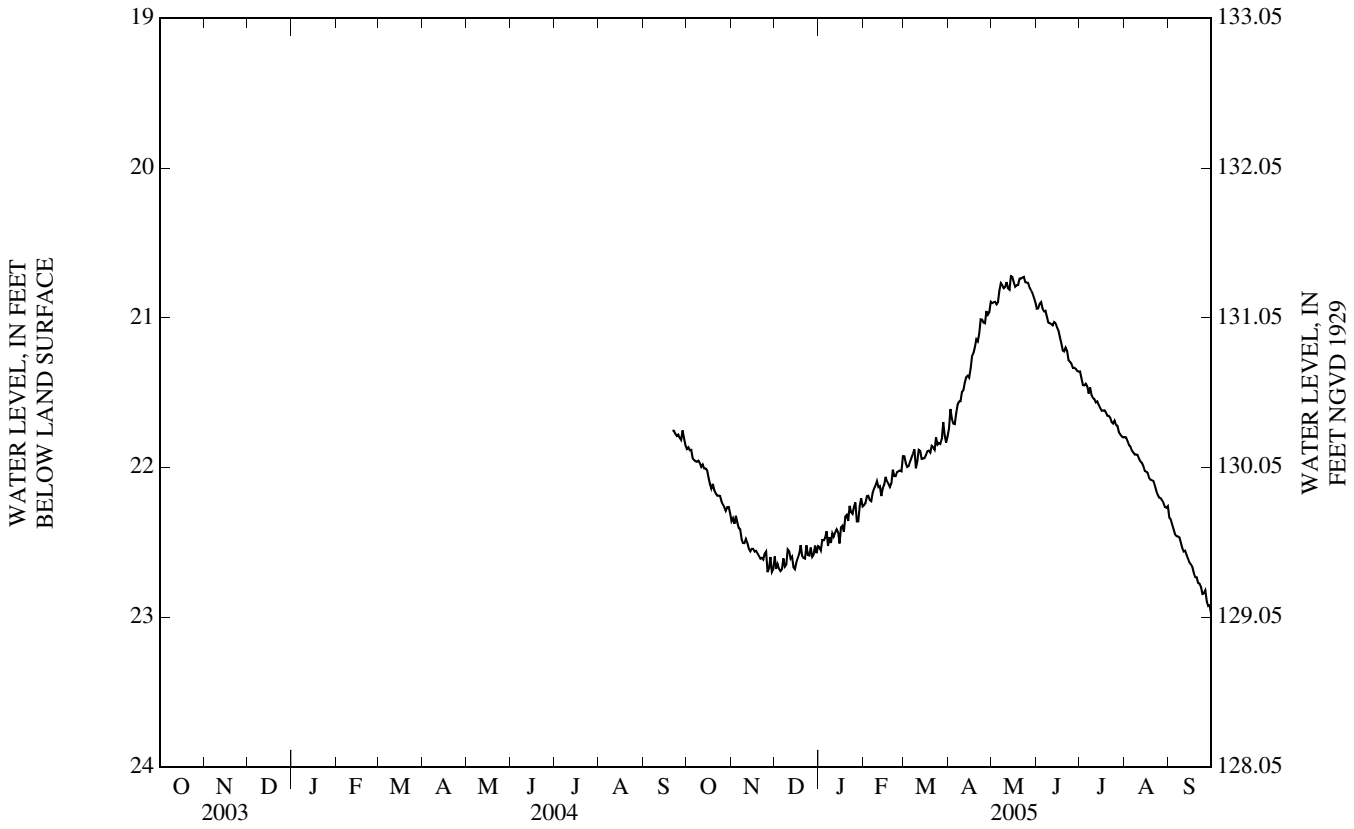
PERIOD OF RECORD.--Sept. 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 20.70 ft below land surface, May 14, 20, 2005; lowest, 22.99 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	21.94	22.37	22.69	22.47	22.22	21.96	21.71	20.89	20.94	21.44	21.86	22.44
10	21.97	22.50	22.55	22.44	22.09	21.96	21.50	20.79	21.04	21.53	21.91	22.54
15	22.02	22.54	22.68	22.51	22.11	21.94	21.40	20.73	21.06	21.60	22.02	22.63
20	22.15	22.59	22.59	22.32	22.10	21.85	21.14	20.74	21.22	21.65	22.08	22.73
25	22.22	22.56	22.59	22.26	22.02	21.83	21.03	20.76	21.30	21.69	22.20	22.84
EOM	22.30	22.68	22.52	22.26	21.92	21.79	20.89	20.89	21.36	21.80	22.26	22.98
MEAN	22.08	22.53	22.60	22.39	22.11	21.89	21.32	20.80	21.12	21.60	22.03	22.64
MAX	22.30	22.70	22.69	22.55	22.25	22.00	21.74	20.91	21.36	21.80	22.27	22.98
MIN	21.86	22.32	22.52	22.20	21.92	21.69	20.89	20.72	20.89	21.36	21.80	22.33

WTR YR 2005 MEAN 21.92 HIGH 20.72 MAY 14 LOW 22.98 SEP 30



05-1557 MB OW-1M

NJ-WRD Well Number, 05-1557. Site I.D., 395152074284602. Local I.D., MB OW-1M.

LOCATION.--Lat 39°51'51.5", long 74°28'45.6", Hydrologic Unit 02040202, in Brendan Byrne State Forest, Woodland Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 2 in., depth 90 ft, screened 80 to 90 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 151.86 ft above NGVD of 1929, from digital elevation model. The land surface elevation is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and wells LEBANON SF 23-D (05-0689) and MB OW-1D (05-1556) is accurate to within 0.01 ft, from differential surveying. Measuring point: Top of casing, 1.50 ft above land surface.

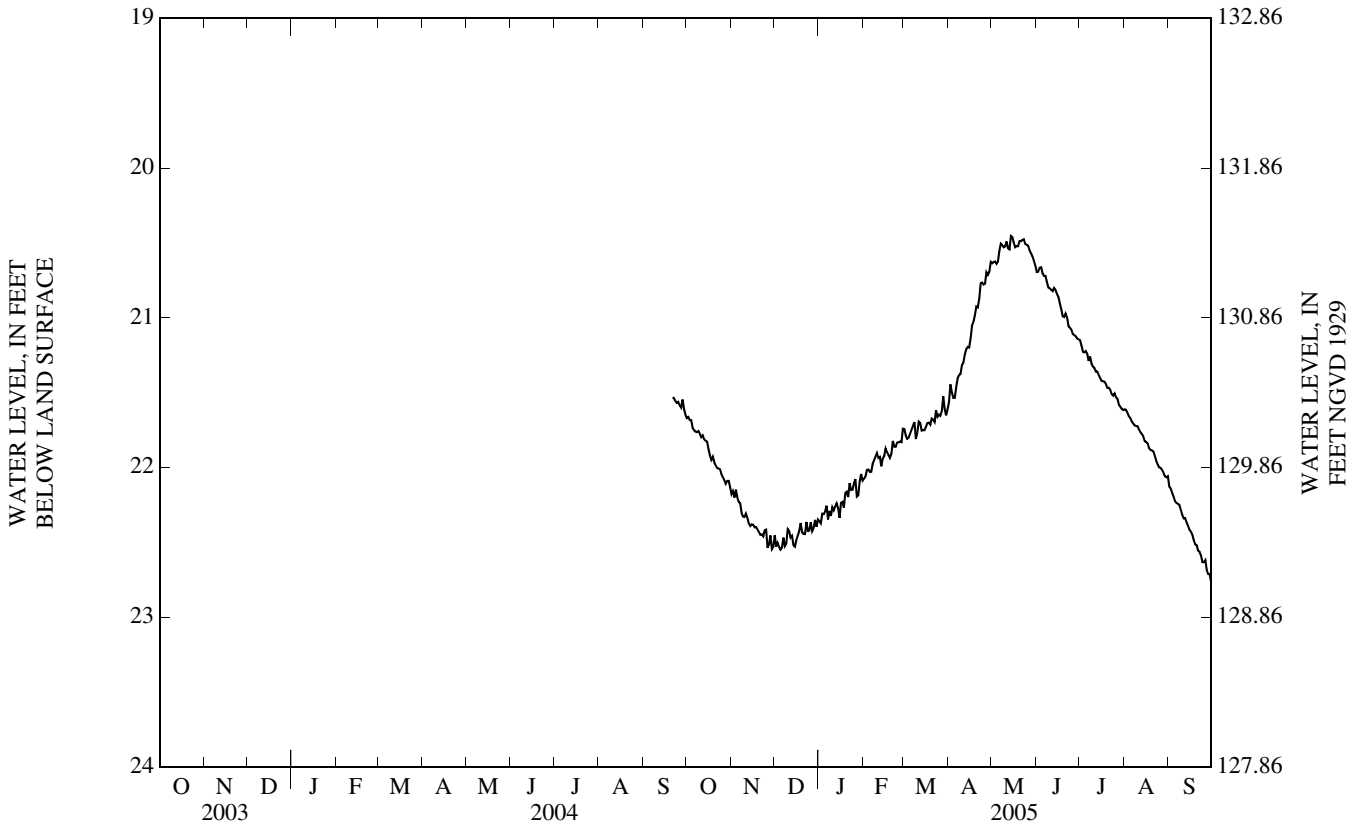
PERIOD OF RECORD.--Sept. 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 20.43 ft below land surface, May 14 2005; lowest, 22.78 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	21.74	22.20	22.55	22.29	22.03	21.77	21.53	20.62	20.70	21.22	21.67	22.22
10	21.77	22.33	22.41	22.26	21.90	21.76	21.31	20.52	20.80	21.32	21.72	22.31
15	21.83	22.38	22.53	22.34	21.92	21.75	21.20	20.46	20.84	21.40	21.82	22.41
20	21.96	22.43	22.43	22.16	21.91	21.67	20.92	20.49	20.99	21.47	21.89	22.52
25	22.04	22.41	22.42	22.11	21.83	21.65	20.78	20.51	21.08	21.50	22.00	22.63
EOM	22.13	22.53	22.35	22.09	21.74	21.61	20.63	20.65	21.14	21.62	22.06	22.76
MEAN	21.89	22.36	22.45	22.22	21.92	21.70	21.11	20.54	20.89	21.40	21.84	22.43
MAX	22.13	22.54	22.55	22.37	22.07	21.81	21.56	20.65	21.14	21.62	22.07	22.76
MIN	21.66	22.15	22.35	22.04	21.74	21.52	20.63	20.45	20.66	21.15	21.61	22.13

WTR YR 2005 MEAN 21.73 HIGH 20.45 MAY 14 LOW 22.76 SEP 30



05-1558 MB OW-2M

NJ-WRD Well Number, 05-1558. Site I.D., 395312074302101. Local I.D., MB OW-2M.

LOCATION.--Lat 39°53'12.5", long 74°30'21.3", Hydrologic Unit 02040202, in Brendan Byrne State Forest, Woodland Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 2 in., depth 100 ft, screened 90 to 100 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 141.11 ft above NGVD of 1929, from digital elevation model. The land surface elevation is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and wells MB OW-2S (05-1559) and MB OW-2D (05-1560) is accurate to within 0.01 ft, from differential surveying. Measuring point: Top of casing, 1.30 ft above land surface.

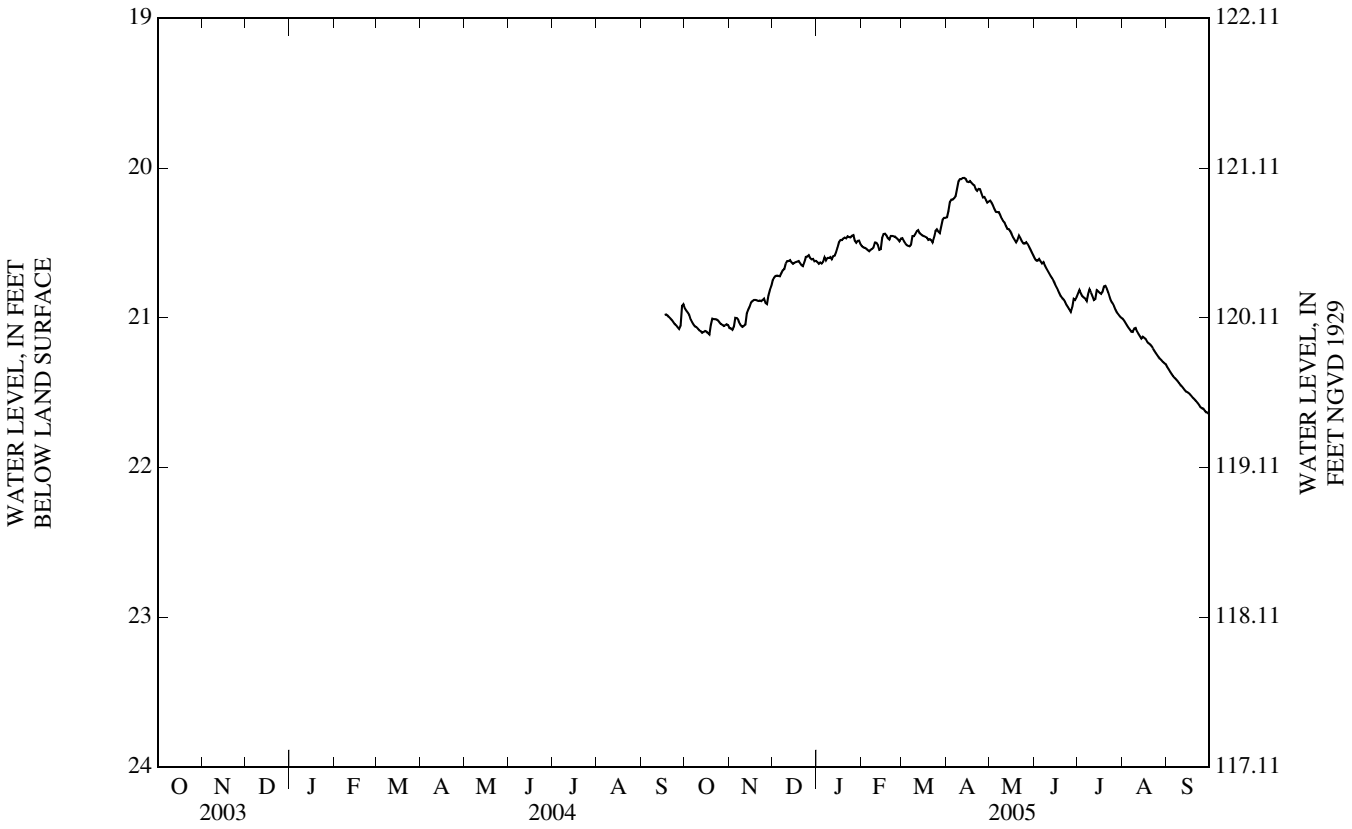
PERIOD OF RECORD.--Sept. 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 20.06 ft below land surface, Apr. 12-14, 2005; lowest, 21.65 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	21.01	21.00	20.72	20.63	20.55	20.52	20.21	20.29	20.62	20.86	21.06	21.39
10	21.07	21.06	20.64	20.59	20.50	20.44	20.07	20.35	20.69	20.83	21.07	21.44
15	21.09	20.92	20.64	20.53	20.47	20.45	20.09	20.42	20.77	20.82	21.13	21.50
20	21.00	20.88	20.63	20.46	20.48	20.47	20.11	20.48	20.87	20.79	21.18	21.54
25	21.03	20.87	20.59	20.45	20.47	20.41	20.17	20.50	20.94	20.90	21.25	21.60
EOM	21.05	20.79	20.62	20.51	20.47	20.33	20.22	20.58	20.86	21.00	21.31	21.64
MEAN	21.04	20.95	20.65	20.54	20.50	20.45	20.15	20.41	20.77	20.87	21.15	21.50
MAX	21.11	21.08	20.75	20.64	20.55	20.52	20.33	20.58	20.96	21.00	21.31	21.64
MIN	20.94	20.79	20.58	20.45	20.44	20.33	20.06	20.22	20.60	20.79	21.01	21.33

WTR YR 2005 MEAN 20.75 HIGH 20.06 APR 13 LOW 21.64 SEP 30



05-1559 MB OW-2S

NJ-WRD Well Number, 05-1559. Site I.D., 395312074302102. Local I.D., MB OW-2S.

LOCATION.--Lat 39°53'12.5", long 74°30'21.2", Hydrologic Unit 02040202, in Brendan Byrne State Forest, Woodland Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 2 in., depth 35 ft, screened 25 to 35 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 140.97 ft above NGVD of 1929, from digital elevation model. The land surface elevation is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and wells MB OW-2M (05-1558) and MB OW-2D (05-1560) is accurate to within 0.01 ft, from differential surveying. Measuring point: Top of casing, 1.20 ft above land surface.

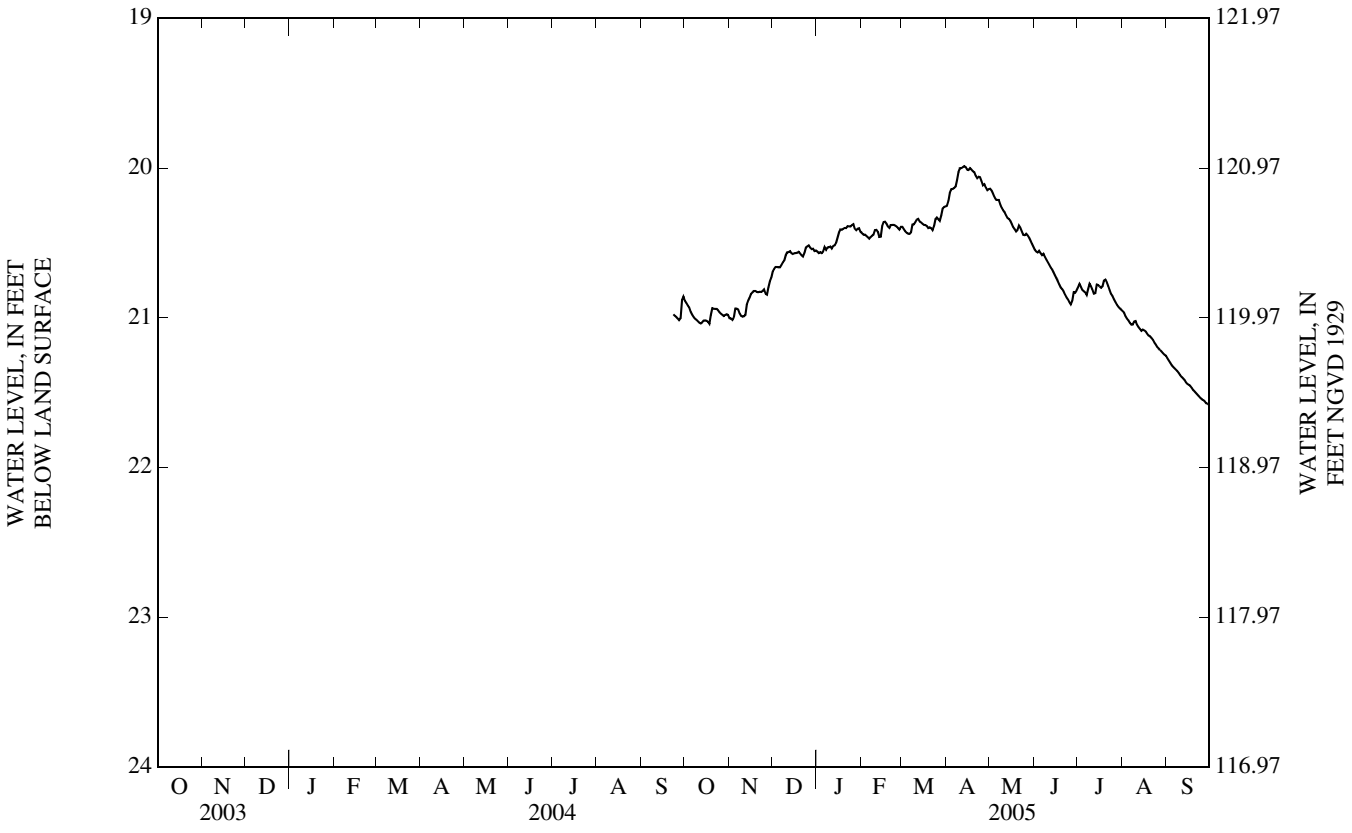
PERIOD OF RECORD.--Sept. 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 19.98 ft below land surface, Apr. 13, 2005; lowest, 21.59 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	20.96	20.94	20.66	20.56	20.46	20.44	20.14	20.21	20.57	20.82	21.02	21.33
10	21.02	20.99	20.58	20.52	20.41	20.36	20.00	20.28	20.63	20.79	21.02	21.38
15	21.02	20.86	20.57	20.46	20.39	20.37	20.01	20.35	20.71	20.78	21.08	21.44
20	20.94	20.83	20.57	20.40	20.40	20.39	20.03	20.41	20.81	20.74	21.12	21.49
25	20.96	20.81	20.52	20.38	20.39	20.33	20.09	20.45	20.89	20.85	21.19	21.54
EOM	20.98	20.73	20.55	20.43	20.39	20.26	20.14	20.52	20.82	20.95	21.25	21.58
MEAN	20.98	20.89	20.59	20.47	20.41	20.37	20.08	20.34	20.72	20.82	21.10	21.44
MAX	21.04	21.01	20.69	20.57	20.47	20.44	20.25	20.52	20.91	20.95	21.25	21.58
MIN	20.89	20.73	20.52	20.37	20.36	20.26	19.99	20.14	20.54	20.74	20.95	21.27

WTR YR 2005 MEAN 20.68 HIGH 19.99 APR 12 LOW 21.58 SEP 30



05-1560 MB OW-2D

NJ-WRD Well Number, 05-1560. Site I.D., 395313074302101. Local I.D., MB OW-2D.

LOCATION.--Lat 39°53'12.6", long 74°30'21.3", Hydrologic Unit 02040202, in Brendan Byrne State Forest, Woodland Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 2 in., depth 185 ft, screened 175 to 185 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 140.97 ft above NGVD of 1929, from digital elevation model. The land surface elevation is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and wells MB OW-2S (05-1559) and MB OW-2M (05-1558) is accurate to within 0.01 ft, from differential surveying. Measuring point: Top of casing, 1.20 ft above land surface.

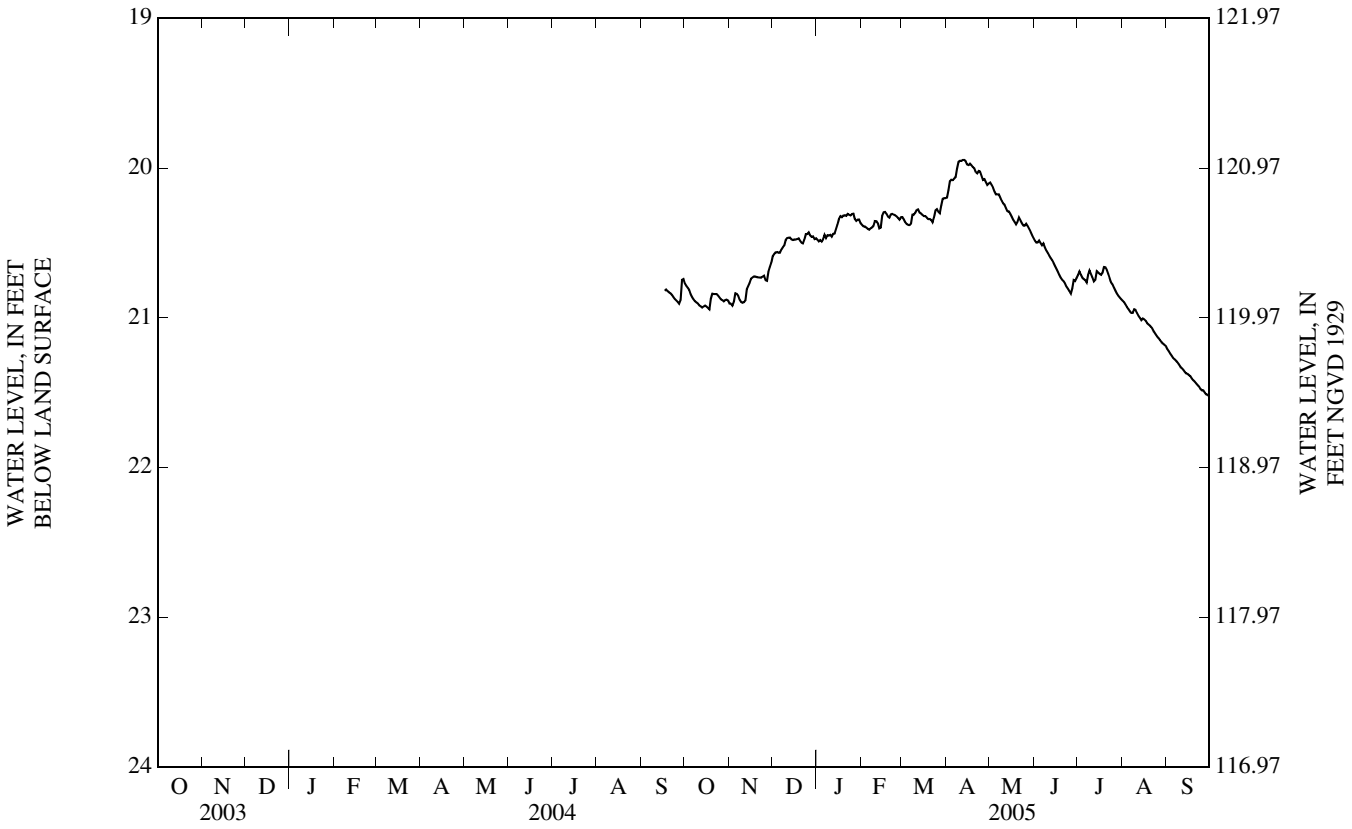
PERIOD OF RECORD.--March 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 19.94 ft below land surface, Apr. 12-14 2005; lowest, 21.53 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	20.84	20.84	20.56	20.48	20.41	20.38	20.08	20.17	20.50	20.74	20.94	21.27
10	20.90	20.90	20.48	20.45	20.35	20.30	19.95	20.24	20.57	20.71	20.95	21.32
15	20.92	20.77	20.48	20.38	20.32	20.31	19.98	20.31	20.65	20.70	21.00	21.37
20	20.84	20.73	20.48	20.31	20.33	20.34	20.00	20.36	20.75	20.66	21.05	21.42
25	20.86	20.72	20.44	20.31	20.32	20.27	20.05	20.38	20.82	20.78	21.12	21.48
EOM	20.88	20.63	20.47	20.37	20.33	20.20	20.10	20.47	20.73	20.87	21.19	21.52
MEAN	20.87	20.79	20.49	20.39	20.35	20.31	20.03	20.29	20.65	20.74	21.03	21.38
MAX	20.94	20.92	20.59	20.49	20.41	20.38	20.20	20.47	20.84	20.87	21.19	21.52
MIN	20.77	20.63	20.43	20.30	20.29	20.20	19.95	20.10	20.48	20.66	20.88	21.21

WTR YR 2005 MEAN 20.61 HIGH 19.95 APR 10 LOW 21.52 SEP 30



05-1604 MBHT5-1D

NJ-WRD Well Number, 05-1604. Site I.D., 395327074311902. Local I.D., MBHT5-1D.

LOCATION.--Lat 39°52'26.9", long 74°31'18.7", Hydrologic Unit 02040202, in Brendan Byrne State Forest, Woodland Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Driven water-table observation well, diameter 1.25 in., depth 10 ft, screened 8.5 to 10 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

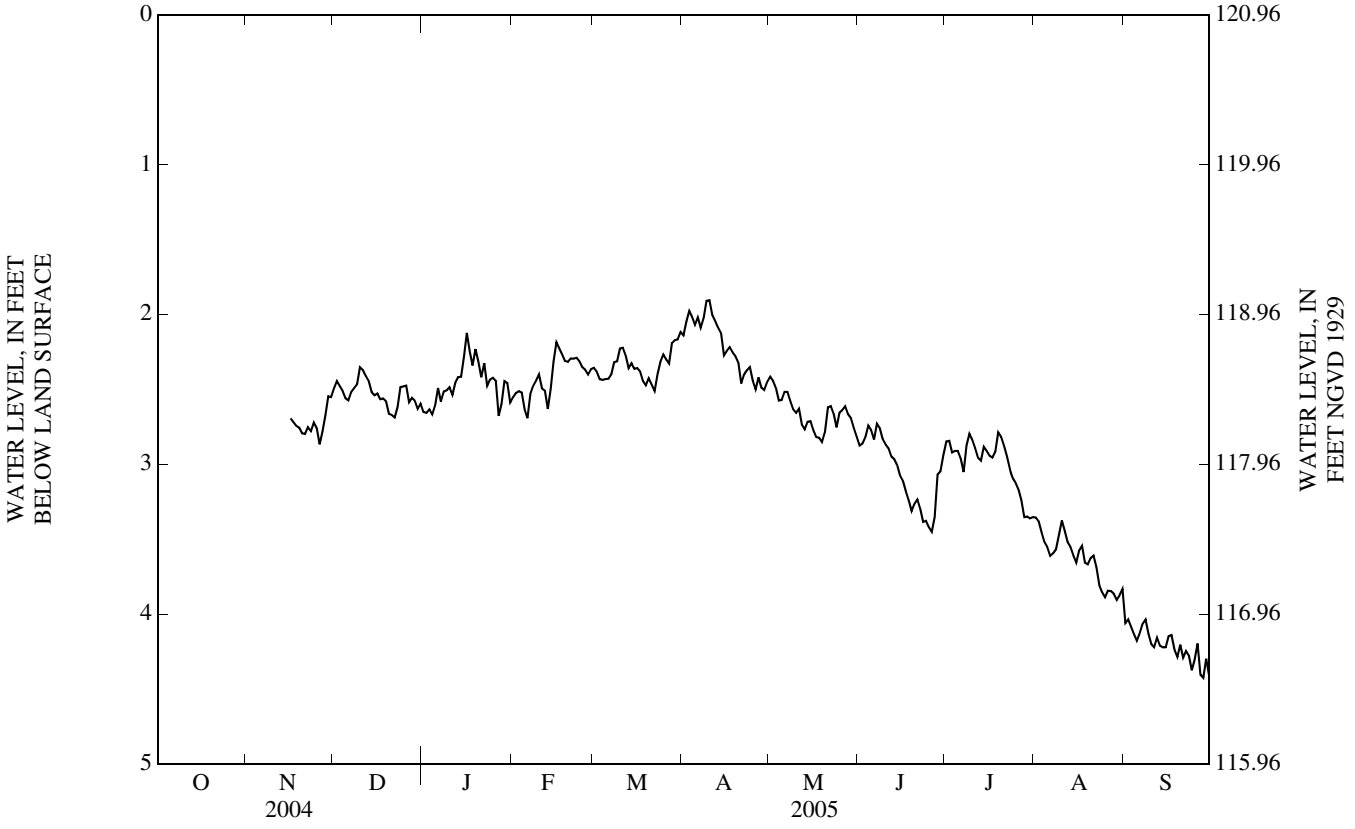
DATUM.--Land surface is 120.96 ft above NGVD of 1929, from digital elevation model. The land surface elevation is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and other nearby observation wells is accurate to within 0.01 ft, from differential surveying. Measuring point: Top of casing, 2.20 ft above land surface.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.81 ft below land surface, Apr. 10, 2004; lowest, 4.50 ft below land surface, Sept. 27, 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

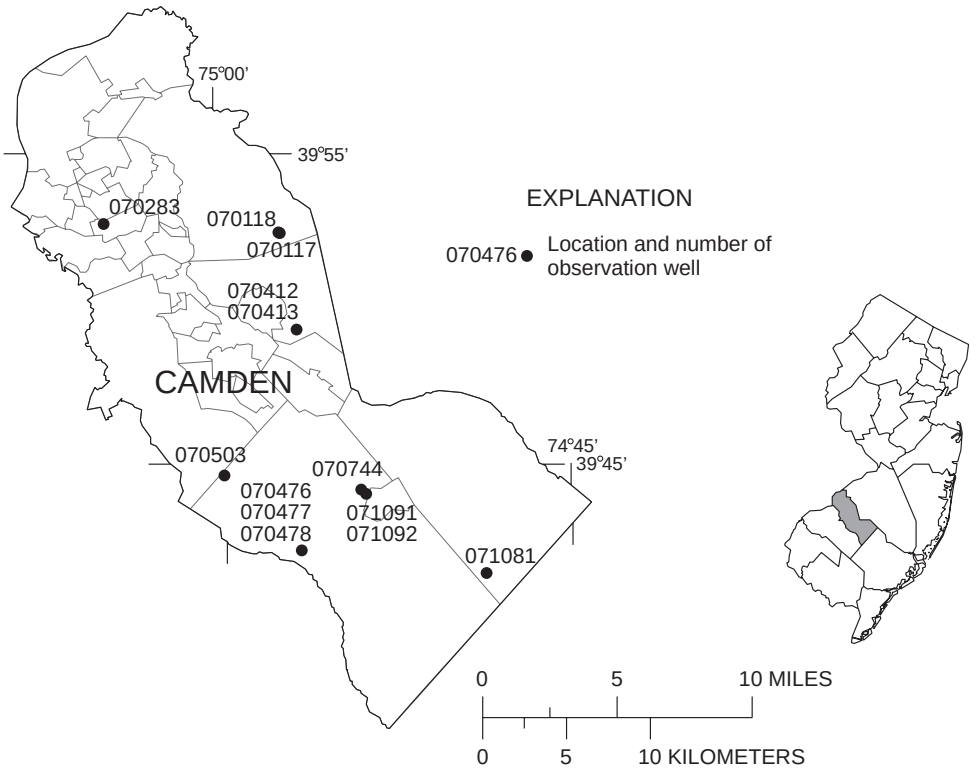
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	2.56	2.61	2.63	2.43	2.07	2.57	2.77	2.91	3.55	4.18
10	---	---	2.35	2.48	2.40	2.23	1.90	2.66	2.87	2.84	3.37	4.20
15	---	---	2.54	2.28	2.31	2.36	2.27	2.71	3.08	2.91	3.65	4.22
20	---	2.79	2.66	2.31	2.32	2.42	2.32	2.79	3.26	2.82	3.63	4.20
25	---	2.76	2.48	2.42	2.35	2.27	2.44	2.66	3.42	3.12	3.89	4.30
EOM	---	2.55	2.59	2.59	2.37	2.12	2.45	2.81	2.93	3.35	3.83	4.41
MEAN	---	---	2.53	2.47	2.42	2.34	2.21	2.66	3.05	3.00	3.64	4.21
MAX	---	---	2.69	2.68	2.69	2.51	2.50	2.85	3.45	3.36	3.90	4.42
MIN	---	---	2.35	2.12	2.19	2.12	1.90	2.41	2.73	2.79	3.35	4.04



CAMDEN COUNTY

NJ-WRD well number	Local identifier	Township	Well depth	Aquifer	Type of data
070117	HUTTON HILL 1 OBS	CHERRY HILL TWP	562	MRPAU	DAILY
070118	HUTTON HILL 2 OBS	CHERRY HILL TWP	147	MLRW	DAILY
070283	EGBERT OBS	HADDON HEIGHTS BORO	455	MRPAL	MANUAL
070412	ELM TREE 2 OBS	VOORHEES TWP	1092	MRPAL	DAILY
070413	ELM TREE 3 OBS	VOORHEES TWP	717	MRPAM	DAILY
070476	NEW BROOKLYN PARK 1 OBS	WINSLOW TWP	1505	MRPA	DAILY
070477	NEW BROOKLYN PARK 2 OBS	WINSLOW TWP	849	MRPAU	DAILY
070478	NEW BROOKLYN PARK 3 OBS	WINSLOW TWP	530	MLRW	DAILY
070503	WINSLOW 5 OBS	WINSLOW TWP	76	CKKD	DAILY
070744	PZ5	WINSLOW TWP	47	CKKD	DAILY
071081	ALBERTSON BROOK 1	WATERFORD TWP	8.28	CKKD	DAILY
071091	AB OW-1M	WINSLOW TWP	95	CKKD	DAILY
071092	AB OW-1D	WINSLOW TWP	160	CKKD	DAILY

Aquifer names
- CKKD - Kirkwood-Cohansey aquifer system
- MLRW - Wenonah-Mount Laurel aquifer
- MRPA - Potomac-Raritan-Magothy aquifer
- MRPAL - Lower Potomac-Raritan-Magothy aquifer
- MRPAM - Middle Potomac-Raritan-Magothy aquifer
- MRPAU - Upper Potomac-Raritan-Magothy aquifer



07-0117 Hutton Hill 1 Obs

NJ-WRD Well Number, 07-0117. Site I.D., 395229074571201. Local I.D., Hutton Hill 1 Obs. NJ Permit Number, 31-04897.

LOCATION.--Lat 39°52'29", long 74°57'11", Hydrologic Unit 02040202, about 800 ft northeast of intersection of Kresson Rd. and Cropwell Rd., Cherry Hill Township.

AQUIFER.--Upper Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 562 ft, screened 552 to 562 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Water-level extremes recorder, Feb. 1977 to Dec. 1984. Periodic measurements, Apr. 1975 to Feb. 1977. Water-level recorder, Aug. 1967 to Apr. 1975.

DATUM.--Land surface is 157.61 ft above NGVD of 1929. Measuring point: Top of shelf, 1.60 ft above land surface.

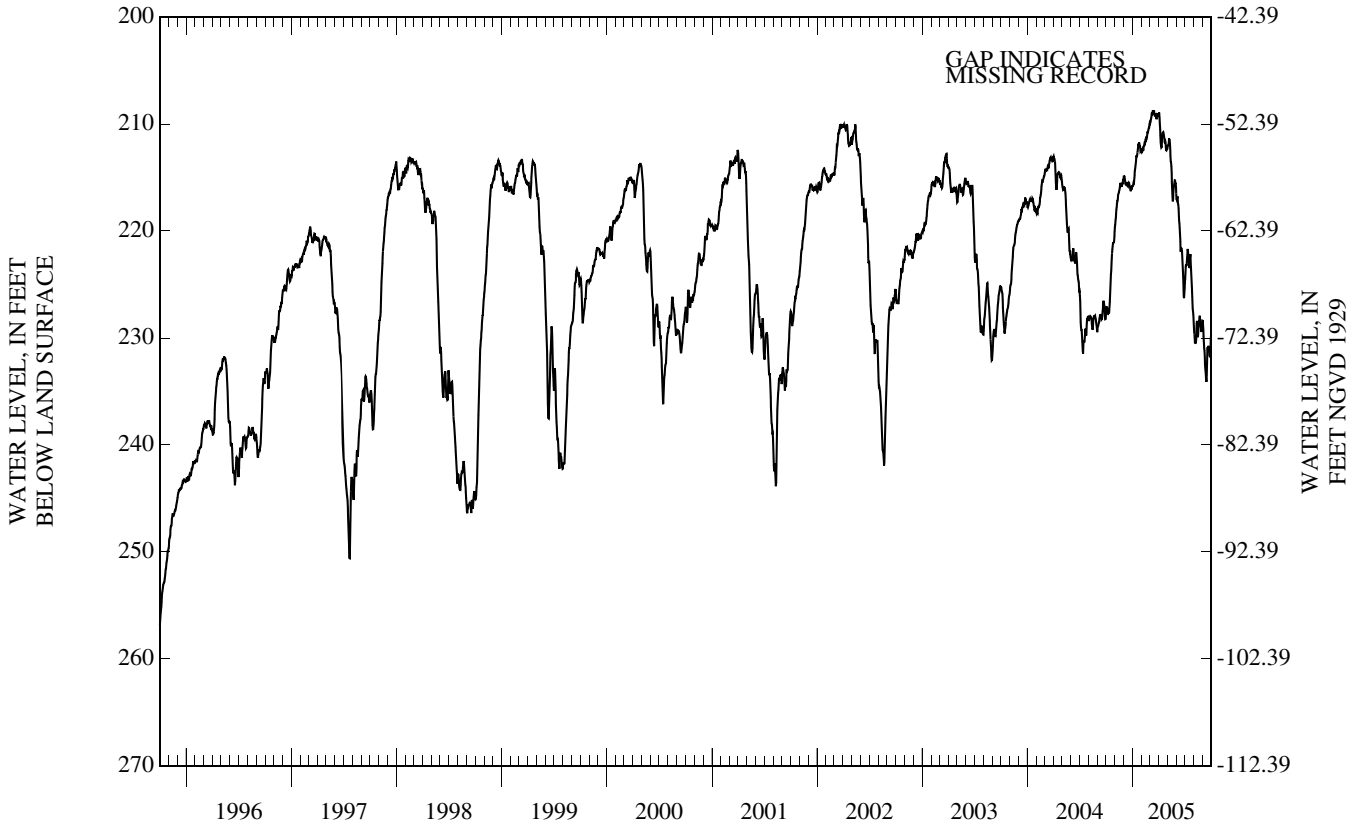
PERIOD OF RECORD.--Aug. 1967 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 200.77 ft below land surface, Mar. 23, 1968; lowest, 266.26 ft below land surface, Sept. 9, 1995.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	227.51	218.00	215.27	215.48	212.31	209.59	210.06	211.95	216.77	223.11	230.50	230.37
10	227.55	217.04	215.42	214.00	211.89	209.06	212.19	211.86	218.53	221.87	229.40	232.89
15	225.28	216.27	215.82	213.10	211.39	208.85	210.80	213.98	220.94	223.07	229.93	233.46
20	222.62	215.63	215.71	211.96	211.00	209.13	211.29	217.23	221.84	222.16	228.37	230.96
25	221.15	215.52	216.28	212.02	210.40	209.47	211.86	215.60	224.37	225.23	228.87	231.67
EOM	219.64	215.10	215.79	212.54	210.06	209.21	212.31	215.97	225.34	228.23	228.38	229.66
MEAN	224.39	216.55	215.64	213.34	211.49	209.24	211.21	214.16	220.82	223.92	229.20	231.34
MAX	227.75	219.40	216.28	215.77	212.62	209.94	212.47	217.23	226.28	228.23	230.50	234.10
MIN	219.64	215.10	214.83	211.72	210.06	208.70	208.93	211.41	216.50	221.67	228.00	228.40

WTR YR 2005 MEAN 218.48 HIGH 208.70 MAR 12 LOW 234.10 SEP 14



07-0118 Hutton Hill 2 Obs

NJ-WRD Well Number, 07-0118. Site I.D., 395229074571202. Local I.D., Hutton Hill 2 Obs. NJ Permit Number, 31-04898.

LOCATION.--Lat 39°52'29", long 74°57'11", Hydrologic Unit 02040202, about 800 ft northeast of the intersection of Kresson Rd. and Cropwell Rd., Cherry Hill Township.

AQUIFER.--Wenonah-Mount Laurel aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 147 ft, screened 137 to 147 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements, Apr. 1975 to Jan. 1997. Water-level recorder, Aug. 1967 to Apr. 1975.

DATUM.--Land surface is 157.53 ft above NGVD of 1929. Measuring point: Top of shelf, 1.89 ft above land surface.

PERIOD OF RECORD.--Sept. 1967 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 84.87 ft below land surface, Apr. 27, 1973; lowest, 92.24 ft below land surface, Aug. 21, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	89.32	89.15	88.78	88.66	88.59	88.18	87.66	88.15	88.50	89.07	89.67	90.04
10	89.36	89.33	88.50	88.53	88.26	88.10	87.57	88.09	88.61	88.87	89.55	90.12
15	89.41	89.08	88.69	88.42	88.30	88.15	87.78	88.18	88.69	89.11	89.62	90.19
20	89.46	89.00	88.62	88.30	88.36	88.16	87.77	88.39	89.01	89.01	89.60	90.24
25	89.36	88.87	88.68	88.39	88.18	87.94	87.89	88.38	89.04	89.21	89.82	90.28
EOM	89.28	88.90	88.74	88.53	88.12	87.82	88.21	88.55	89.01	89.48	89.78	90.36
MEAN	89.40	89.11	88.67	88.49	88.35	88.04	87.76	88.25	88.78	89.11	89.66	90.16
MAX	89.54	89.35	88.82	88.76	88.62	88.19	88.22	88.55	89.04	89.48	89.82	90.36
MIN	89.28	88.87	88.39	88.26	88.12	87.62	87.34	87.96	88.47	88.87	89.48	89.86

WTR YR 2005 MEAN 88.82 HIGH 87.34 APR 3 LOW 90.36 SEP 28

07-0283 Egbert Obs

NJ-WRD Well Number, 07-0283. Site I.D., 395246075043301. Local I.D., Egbert Obs. NJ Permit Number, 31-04282.

LOCATION.--Lat 39°52'46", long 75°04'33", Hydrologic Unit 02040202, in Camden County Park, about 400 ft south of the corner of Dallas and Sylvan Avenues, Haddon Heights Borough.

AQUIFER.--Lower Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 455 ft, screened 445 to 455 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level recorder, Dec. 1984 to Apr. 1988. Water-level extremes recorder, Feb. 1977 to Dec. 1984. Periodic measurements, Apr. 1975 to Feb. 1977. Water-level recorder, June 1963 to Apr. 1975.

DATUM.--Land surface is 23.66 ft above NGVD of 1929. Measuring point: Top of base of aluminum locking cap, 2.78 ft above land surface.

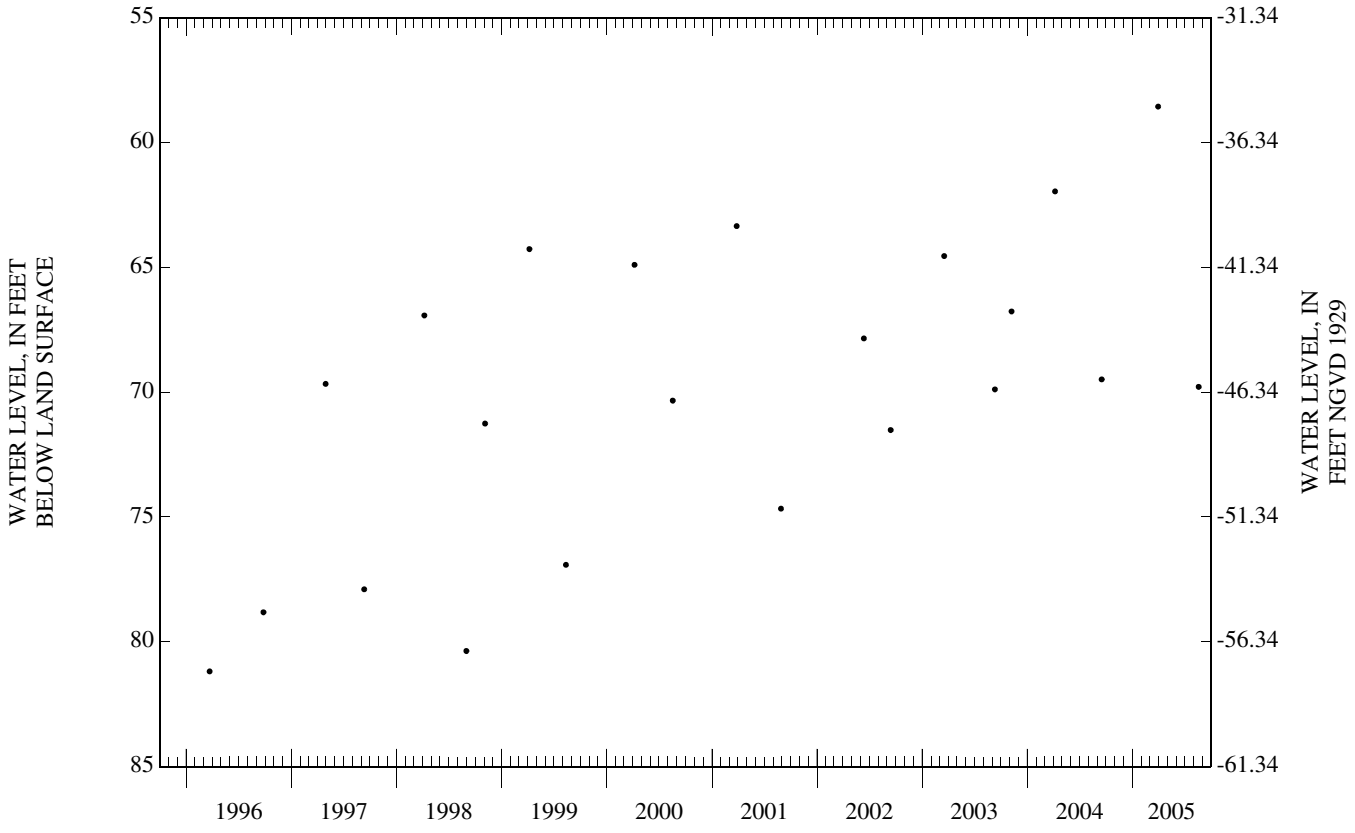
REMARKS.--Water level is affected by nearby pumping.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 58.56 ft below land surface, Mar. 30, 2005; lowest, 130.41 ft below land surface, between July 12 and Sept. 29, 1983.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 30	58.56	AUG 18	69.79



07-0412 Elm Tree 2 Obs

NJ-WRD Well Number, 07-0412. Site I.D., 394922074563301. Local I.D., Elm Tree 2 Obs. NJ Permit Number, 31-09560.

LOCATION.--Lat 39°49'22", long 74°56'29", Hydrologic Unit 02040202, about 200 ft northeast of Thomas Rd. and about 2 mi northwest of Berlin, Voorhees Township.

AQUIFER.--Lower Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 1,092 ft, screened 1,082 to 1,092 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Water-level extremes recorder, Mar. 1977 to Dec. 1984. Periodic measurements, June 1975 to Mar. 1977. Water-level recorder, July 1965 to June 1975. Periodic measurements, Feb. 1964 to July 1965.

DATUM.--Land surface is 148.68 ft above NGVD of 1929. Measuring point: Top of shelf, 2.80 ft above land surface.

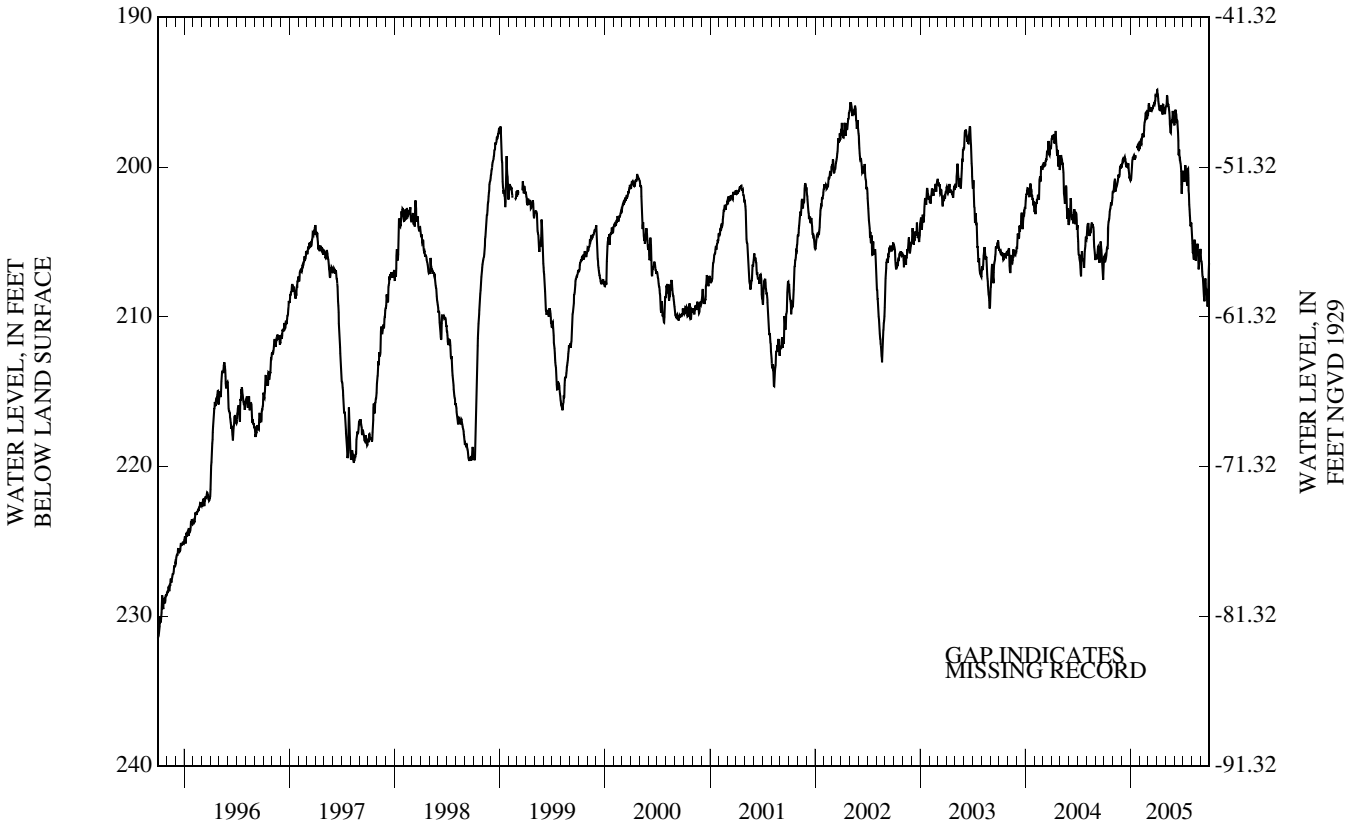
REMARKS.--Well was originally screened 1,217 to 1,227 ft; rehabilitated Aug. 1969.

PERIOD OF RECORD.--Mar. 1964 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 142.28 ft below land surface, Mar. 3, 1964; lowest, 233.08 ft below land surface, Sept. 16, 1995.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	206.22	201.00	199.47	200.00	198.34	195.74	195.15	195.90	196.16	200.91	205.71	206.49
10	205.47	201.50	199.38	199.31	197.84	196.24	196.06	195.93	197.06	199.96	204.92	207.95
15	203.84	201.12	199.82	199.52	197.79	196.24	196.26	196.39	198.24	201.10	206.25	208.23
20	203.00	200.56	199.88	---	196.79	195.93	196.25	197.71	199.45	200.64	205.24	208.14
25	202.35	199.91	200.22	198.56	196.76	195.76	196.08	196.80	200.30	203.23	206.82	209.31
EOM	201.60	200.03	200.89	198.78	196.56	195.19	196.37	196.93	200.51	203.88	205.46	206.41
MEAN	204.08	200.83	199.89	---	197.52	195.91	195.91	196.42	198.48	201.46	205.64	207.75
MAX	206.29	201.72	200.89	---	198.73	196.40	196.48	197.71	201.78	203.95	206.82	209.31
MIN	201.60	199.79	199.32	---	196.35	195.18	194.84	195.20	196.16	199.86	204.34	205.76



07-0413 Elm Tree 3 Obs

NJ-WRD Well Number, 07-0413. Site I.D., 394922074563302. Local I.D., Elm Tree 3 Obs. NJ Permit Number, 31-04561.

LOCATION.--Lat 39°49'22", long 74°56'29", Hydrologic Unit 02040202, about 200 ft northeast of Thomas Rd. and about 2 mi northwest of Berlin, Voorhees Township.

AQUIFER.--Middle Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 717 ft, screened 706 to 717 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements, Apr. 1975 to Mar. 1977. Water-level recorder, Dec. 1963 to Apr. 1975.

DATUM.--Land surface is 148.73 ft above NGVD of 1929. Measuring point: Top of shelf, 0.60 ft above land surface.

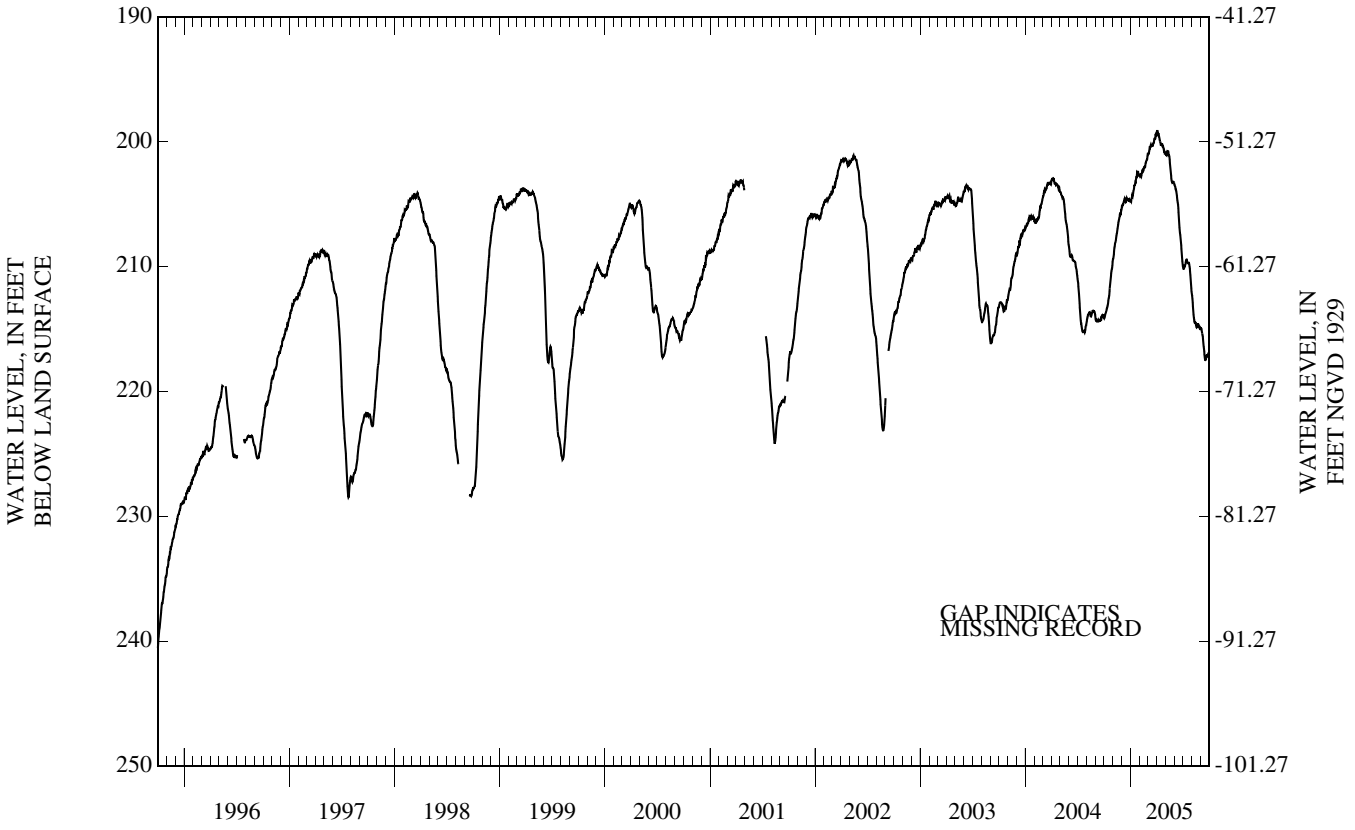
PERIOD OF RECORD.--Dec. 1963 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 174.21 ft below land surface, Feb. 6, 1964; lowest, 243.99 ft below land surface, Sept. 11-12, 1995.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	213.80	208.51	205.01	204.46	202.69	200.86	199.33	201.09	203.72	210.07	213.18	215.22
10	213.33	207.94	204.61	203.96	202.31	200.43	199.67	200.76	204.31	209.80	214.41	216.08
15	212.76	207.14	204.83	203.52	202.15	200.33	200.23	201.19	205.31	209.51	214.58	217.28
20	211.73	206.35	204.57	202.85	202.00	200.16	200.19	202.47	207.15	209.73	214.77	217.24
25	210.54	205.68	204.64	202.39	201.45	199.75	200.56	203.27	208.28	210.14	214.75	217.16
EOM	209.43	205.45	204.71	202.67	201.16	199.54	200.90	203.26	209.83	211.97	214.89	217.00
MEAN	212.21	207.13	204.75	203.43	202.14	200.22	200.02	201.89	205.98	210.08	214.28	216.52
MAX	214.14	209.38	205.19	204.74	202.77	200.98	200.91	203.27	209.83	211.97	215.00	217.49
MIN	209.43	205.45	204.52	202.33	201.16	199.39	199.06	200.74	203.36	209.44	212.16	214.93

WTR YR 2005 MEAN 206.58 HIGH 199.06 APR 3 LOW 217.49 SEP 17



07-0476 New Brooklyn Park 1 Obs

NJ-WRD Well Number, 07-0476. Site I.D., 394215074561701. Local I.D., New Brooklyn Park 1 Obs.

LOCATION.--Lat 39°42'15", long 74°56'16", Hydrologic Unit 02040302, on eastern shore of New Brooklyn Lake about 900 ft upstream of Rt. 536, Winslow Township.

AQUIFER.--Potomac-Raritan-Magothy aquifer system, undifferentiated, of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 1,505 ft, screened 1,485 to 1,495 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Water-level extremes recorder, Mar. 1977 to Dec. 1984. Periodic measurements, Aug. 1975 to Mar. 1977. Water-level recorder, Jan. 1963 to Aug. 1975. Periodic measurements, Aug. 1960 to Jan. 1963.

DATUM.--Land surface is 111.13 ft above NGVD of 1929. Measuring point: Top of coupling, 1.75 ft above land surface.

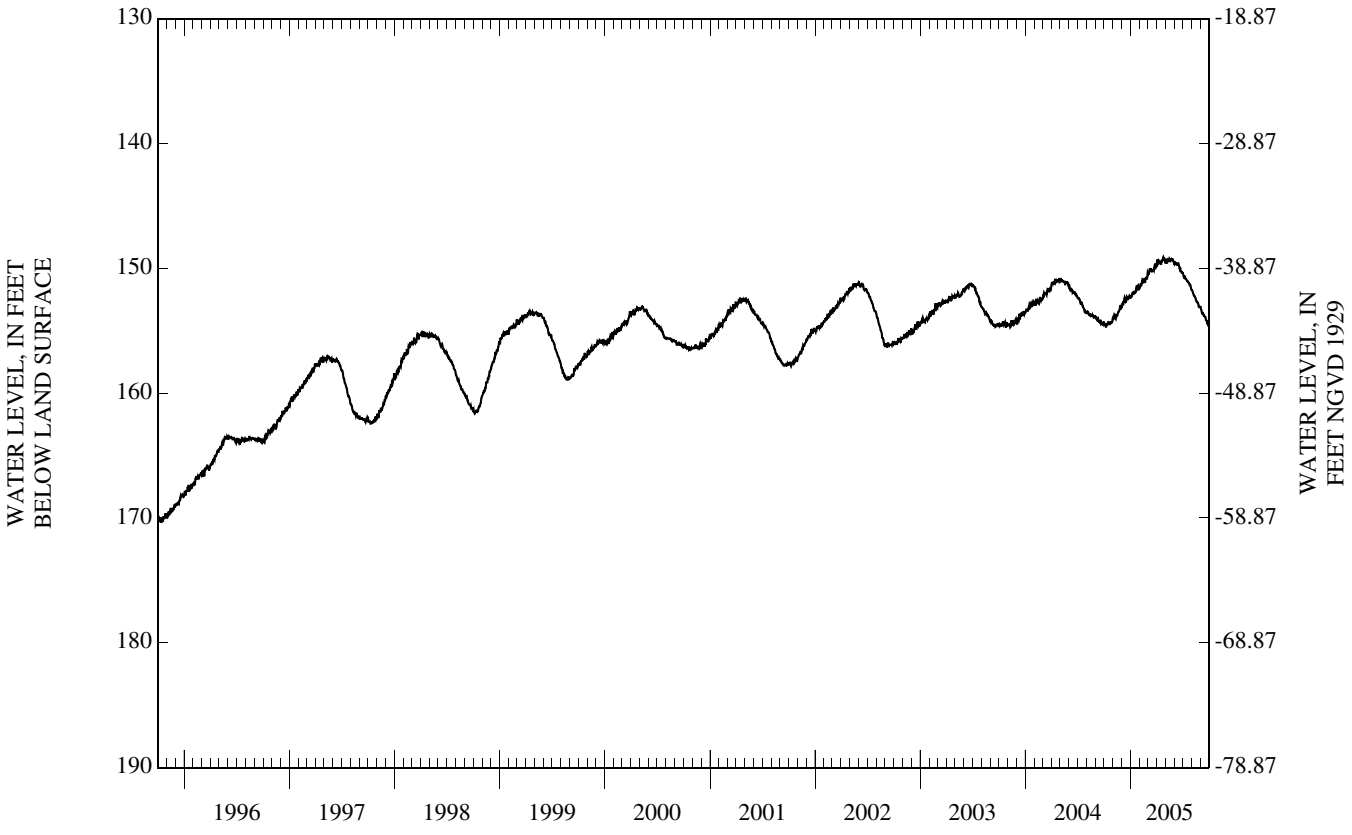
PERIOD OF RECORD.--Aug. 1960 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 117.24 ft below land surface, Nov. 16, 1960; lowest, 170.36 ft below land surface, Sept. 30, 1995.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	154.59	153.75	152.90	152.11	151.38	150.43	149.68	149.63	149.58	150.66	151.94	153.56
10	154.53	154.02	152.43	151.99	150.91	150.21	149.52	149.39	149.72	150.79	152.20	153.69
15	154.29	153.81	152.68	152.04	150.99	150.24	149.64	149.24	149.60	150.98	152.49	153.85
20	154.42	153.44	152.32	151.60	151.07	150.14	149.37	149.34	150.08	151.13	152.73	154.14
25	154.29	152.97	152.36	151.43	150.73	149.98	149.22	149.31	150.24	151.28	153.08	154.47
EOM	153.98	153.13	152.33	151.46	150.50	149.86	149.34	149.55	150.36	151.73	153.04	154.61
MEAN	154.42	153.61	152.52	151.83	151.04	150.12	149.46	149.38	149.87	151.01	152.50	153.93
MAX	154.68	154.07	152.94	152.39	151.51	150.47	149.81	149.63	150.36	151.73	153.12	154.61
MIN	153.98	152.97	152.26	151.32	150.50	149.59	149.12	149.24	149.54	150.36	151.74	153.17

WTR YR 2005 MEAN 151.64 HIGH 149.12 APR 24 LOW 154.68 OCT 7



07-0477 New Brooklyn Park 2 Obs

NJ-WRD Well Number, 07-0477. Site I.D., 394215074561702. Local I.D., New Brooklyn Park 2 Obs.

LOCATION.--Lat 39°42'15", long 74°56'16", Hydrologic Unit 02040302, on eastern shore of New Brooklyn Lake about 900 ft upstream of Rt. 536, Winslow Township.

AQUIFER.--Upper Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 849 ft, screened 829 to 839 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements, Aug. 1975 to Mar. 1977. Water-level recorder, Dec. 1962 to Aug. 1975. Periodic measurements, May 1961 to Dec. 1962.

DATUM.--Land surface is 111.13 ft above NGVD of 1929. Measuring point: Top of shelf, 3.30 ft above land surface.

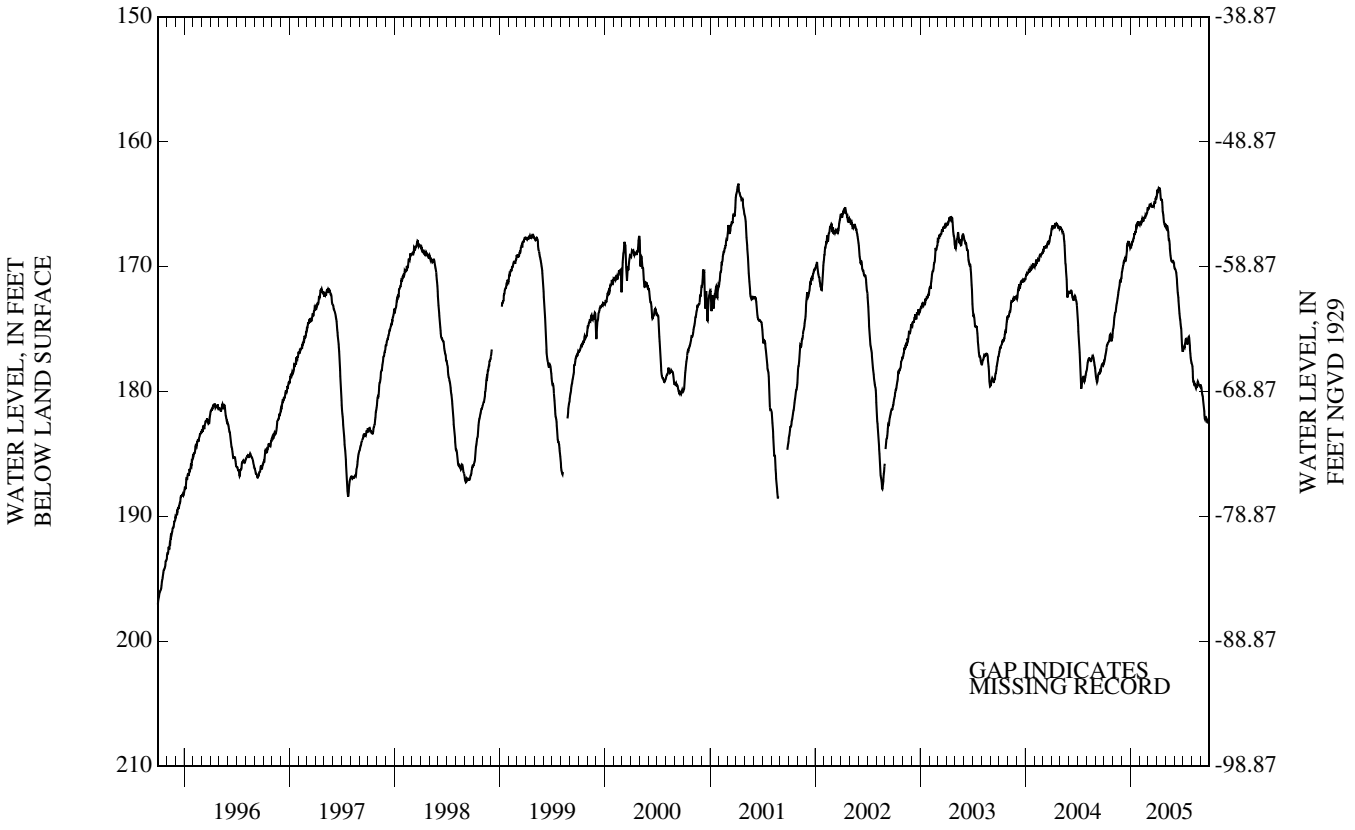
PERIOD OF RECORD.--May 1961 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 127.48 ft below land surface, May 5, 1961; lowest, 199.76 ft below land surface, Sept. 16, 1995.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	177.10	174.06	170.00	168.17	166.49	165.26	164.03	166.95	170.23	176.48	178.85	180.03
10	176.34	173.55	169.48	167.75	166.13	165.15	163.72	167.06	171.02	175.95	179.35	180.86
15	176.07	172.73	169.42	167.45	166.20	165.19	164.54	167.96	172.48	176.08	179.69	182.17
20	175.56	171.90	168.18	166.79	166.07	165.12	164.84	169.30	174.01	175.68	179.50	182.12
25	175.88	171.04	168.19	166.47	165.76	164.87	166.17	169.63	174.97	176.34	179.45	182.49
EOM	175.09	170.83	168.45	166.48	165.42	164.55	166.62	169.76	176.82	177.73	179.44	182.37
MEAN	176.19	172.66	169.05	167.30	166.15	165.05	164.80	168.26	172.81	176.35	179.25	181.44
MAX	177.67	175.00	170.45	168.39	166.62	165.38	166.66	169.76	176.82	177.73	179.76	182.49
MIN	175.09	170.83	167.93	166.37	165.42	164.53	163.71	166.61	169.96	175.60	177.76	179.54

WTR YR 2005 MEAN 171.64 HIGH 163.71 APR 8 LOW 182.49 SEP 25



07-0478 New Brooklyn Park 3 Obs

NJ-WRD Well Number, 07-0478. Site I.D., 394215074561703. Local I.D., New Brooklyn Park 3 Obs.

LOCATION.--Lat 39°42'15", long 74°56'16", Hydrologic Unit 02040302, on eastern shore of New Brooklyn Lake about 900 ft upstream of Rt. 536, Winslow Township.

AQUIFER.--Wenonah-Mount Laurel aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 530 ft, screened 520 to 530 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements, Aug. 1975 to Mar. 1977. Water-level recorder, Dec. 1962 to Aug. 1975. Periodic measurements, May 1961 to Dec. 1962.

DATUM.--Land surface is 111.45 ft above NGVD of 1929. Measuring point: Top of coupling, 2.10 ft above land surface.

REMARKS.--Water level is affected by regional cone of depression.

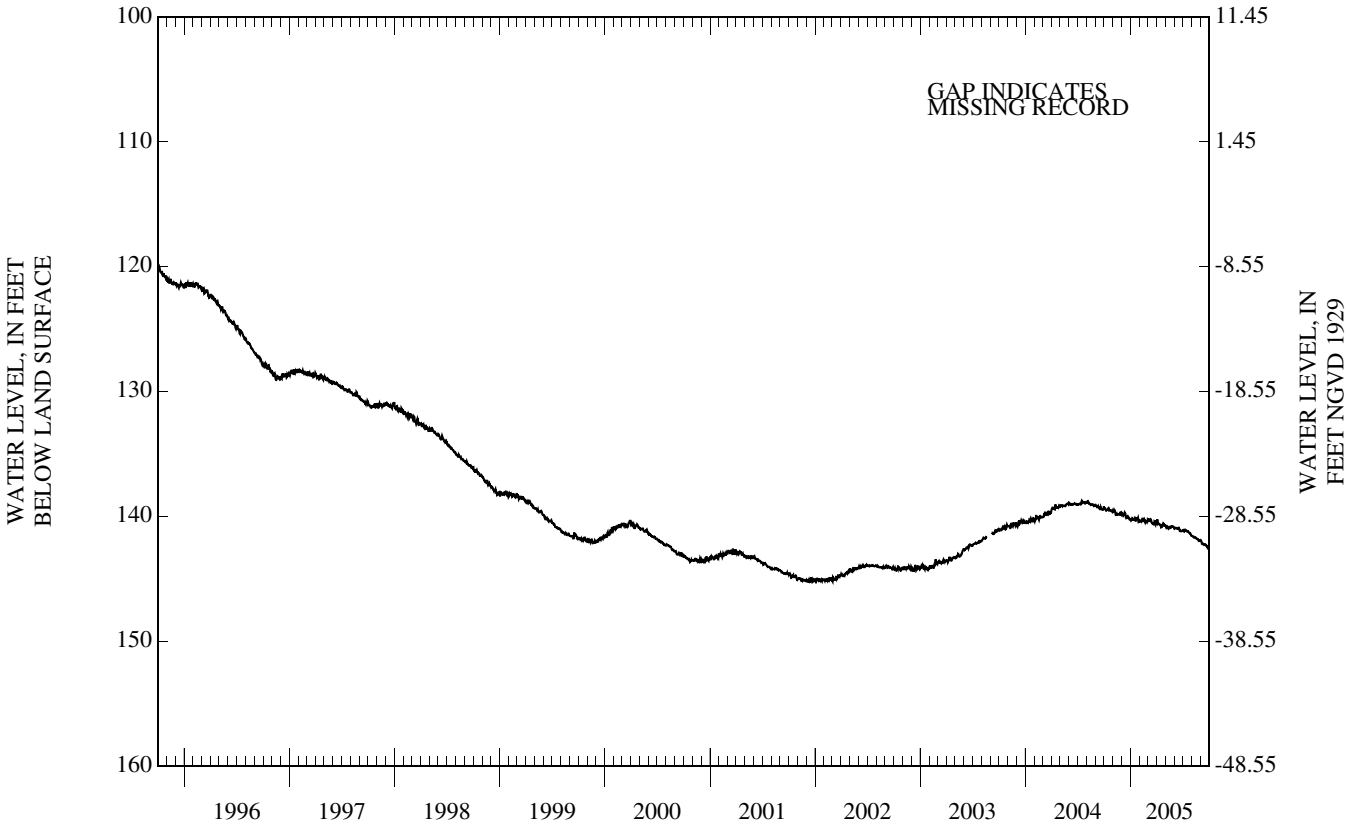
PERIOD OF RECORD.--May 1961 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 56.12 ft below land surface, Aug. 14, 1962; lowest, 145.29 ft below land surface, Dec. 16, 2001.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	139.43	139.50	139.88	140.24	140.36	140.39	140.56	140.95	140.92	141.22	141.62	142.17
10	139.50	139.90	139.80	140.26	140.20	140.36	140.61	140.86	140.99	141.09	141.69	142.21
15	139.36	139.88	140.08	140.32	140.34	140.52	140.80	140.88	140.94	141.22	141.73	142.27
20	139.51	139.82	139.98	140.22	140.50	140.61	140.75	140.94	141.17	141.22	141.83	142.37
25	139.54	139.65	140.12	140.19	140.44	140.53	140.59	140.79	141.18	141.38	141.98	142.53
EOM	139.54	139.88	140.29	140.31	140.40	140.60	140.75	140.90	141.14	141.57	141.89	142.56
MEAN	139.49	139.78	140.00	140.26	140.37	140.45	140.66	140.86	141.04	141.25	141.77	142.29
MAX	139.66	139.96	140.31	140.47	140.50	140.64	140.88	140.98	141.21	141.57	141.99	142.56
MIN	139.30	139.50	139.69	140.08	140.19	140.19	140.24	140.73	140.92	141.08	141.57	141.90

WTR YR 2005 MEAN 140.69 HIGH 139.30 OCT 1 LOW 142.56 SEP 30



07-0503 Winslow 5 Obs

NJ-WRD Well Number, 07-0503. Site I.D., 394440074593101. Local I.D., Winslow 5 Obs. NJ Permit Number, 31-05926.

LOCATION.--Lat 39°44'40", long 74°59'30", Hydrologic Unit 02040302, about 1,000 ft east of intersection of Cross Keys-Berlin Rd. and Erial-Williamstown Rd., Winslow Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 6 in., depth 76 ft, screened 71 to 76 ft.

INSTRUMENTATION.--Data collection platform with satellite telemetry--60 minute recording interval. Submersible logger pressure transducer, May 2001 to April 2003. Water-level recorder, Dec. 1984 to May 2001. Water-level extremes recorder, Nov. 1977 to Dec. 1984. Water-level recorder, Dec. 1972 to Nov. 1977.

DATUM.--Land surface is 173.26 ft above NGVD of 1929. Measuring point: Top of well seal, 0.84 ft above land surface.

PERIOD OF RECORD.--Dec. 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 24.76 ft below land surface, May 7, 2004; lowest, 38.35 ft below land surface, between June 3 and Oct. 6, 1981.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	27.06	27.47	27.55	27.41	27.33	27.19	27.02	26.08	26.14	26.87	27.43	27.98
10	26.86	27.42	27.37	27.30	27.29	27.25	26.29	25.51	26.12	26.97	27.30	28.19
15	27.28	27.37	27.66	27.37	27.56	27.26	26.09	25.71	26.52	26.87	27.48	28.18
20	27.32	27.25	27.40	27.50	27.65	27.03	26.17	25.92	26.48	27.19	27.54	27.89
25	27.27	27.45	27.39	27.29	27.28	26.91	25.85	25.78	26.73	27.04	27.62	28.45
EOM	26.87	27.32	27.29	27.13	27.16	27.15	25.79	26.16	26.72	27.04	27.83	28.44
MEAN	27.13	27.39	27.40	27.37	27.39	27.12	26.26	25.80	26.40	26.98	27.48	28.13
MAX	27.51	27.70	27.66	27.59	27.65	27.33	27.13	26.16	26.73	27.22	27.83	28.45
MIN	26.77	27.10	27.06	27.07	27.16	26.76	25.75	25.51	25.97	26.66	27.13	27.74

WTR YR 2005 MEAN 27.07 HIGH 25.51 MAY 10 LOW 28.45 SEP 25

07-0744 PZ 5

NJ-WRD Well Number, 07-0744. Site I.D., 394410074534501. Local I.D., PZ 5.

LOCATION.--Lat 39°44'10", long 74°53'45", Hydrologic Unit 02040301, on the north side of Tom Wells Rd., about 4,400 ft east of Rt. 73, Winslow Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 4 in., depth 47 ft, screened 42 to 47 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 156.39 ft above NGVD of 1929, from digital elevation model. The land surface elevation is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and wells AB OW-1M (07-1091) and AB OW-1D (07-1092) is accurate to within 0.01 ft, from differential surveying. Measuring point: Top of casing, 2.30 ft above land surface.

REMARKS.--Water level is affected by nearby pumping.

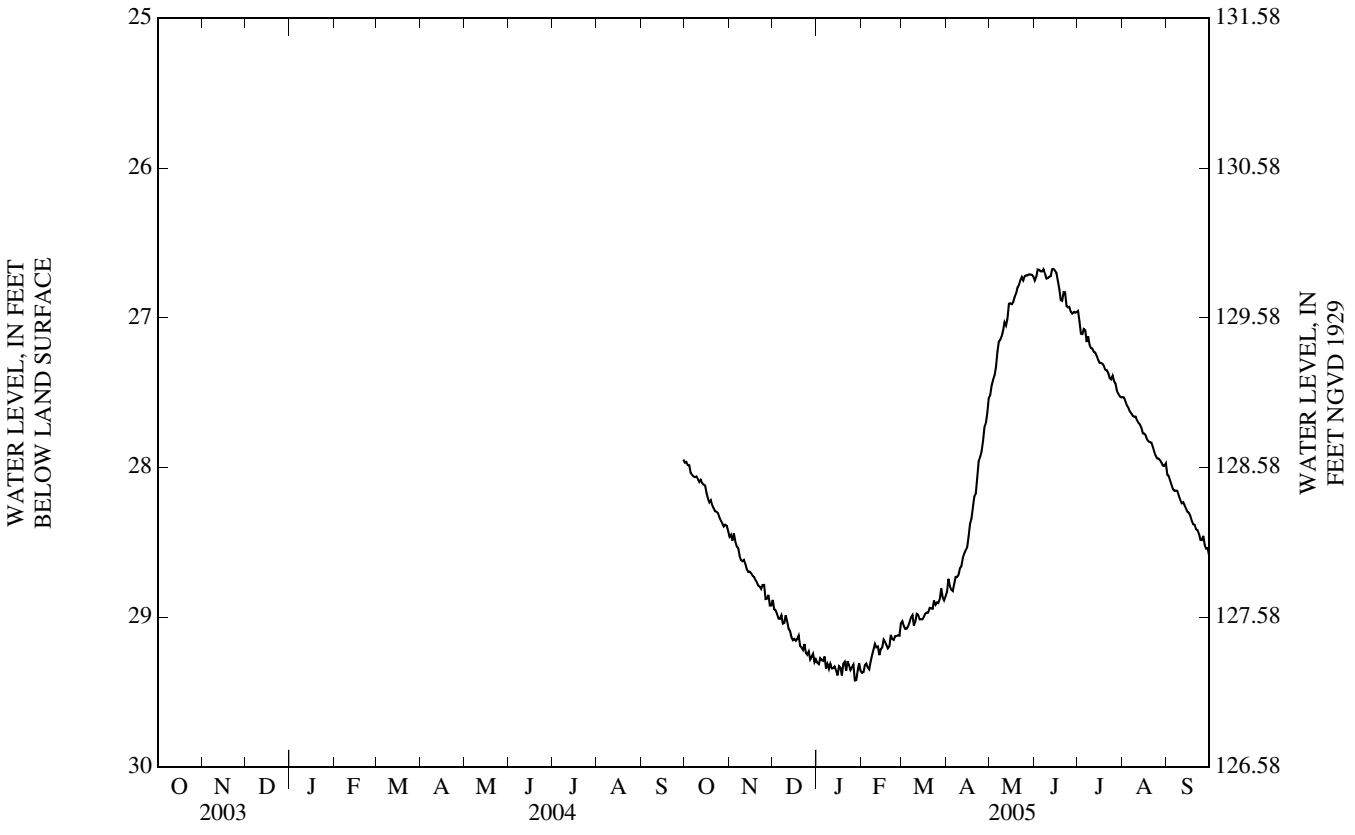
PERIOD OF RECORD.--Sept. 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 26.64 ft below land surface, June 3, 2005; lowest, 29.44 ft below land surface, Jan. 27-28, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	28.04	28.49	29.01	29.29	29.33	29.06	28.82	27.33	26.69	27.07	27.60	28.14
10	28.08	28.62	28.99	29.31	29.18	29.03	28.67	27.08	26.73	27.20	27.66	28.21
15	28.12	28.69	29.15	29.39	29.20	29.01	28.53	26.90	26.68	27.28	27.77	28.29
20	28.25	28.77	29.19	29.30	29.19	28.94	28.19	26.80	26.89	27.35	27.83	28.38
25	28.33	28.78	29.25	29.33	29.12	28.90	27.89	26.72	26.93	27.39	27.94	28.48
EOM	28.42	28.92	29.28	29.36	29.04	28.86	27.53	26.72	26.96	27.53	27.97	28.58
MEAN	28.18	28.69	29.12	29.33	29.21	28.97	28.35	26.97	26.79	27.28	27.77	28.31
MAX	28.42	28.92	29.30	29.42	29.37	29.08	28.83	27.52	26.97	27.53	27.99	28.58
MIN	27.96	28.44	28.88	29.26	29.04	28.81	27.53	26.71	26.67	26.95	27.53	28.05

WTR YR 2005 MEAN 28.24 HIGH 26.67 JUN 7 LOW 29.42 JAN 27



07-1081 Albertson Brook 1

NJ-WRD Well Number, 07-1081. Site I.D., 394132074482201. Local I.D., Albertson Brook 1.

LOCATION.--Lat 39°41'32.1", long 74°48'22.3", Hydrologic Unit 02040301, in Wharton State Forest, Waterford Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Driven water-table observation well, diameter 1.25 in., depth 8.28 ft, screened 5.28 to 6.28 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 72.22 ft above NGVD of 1929, from digital elevation model. Measuring point: Top of casing, 2.72 ft above land surface.

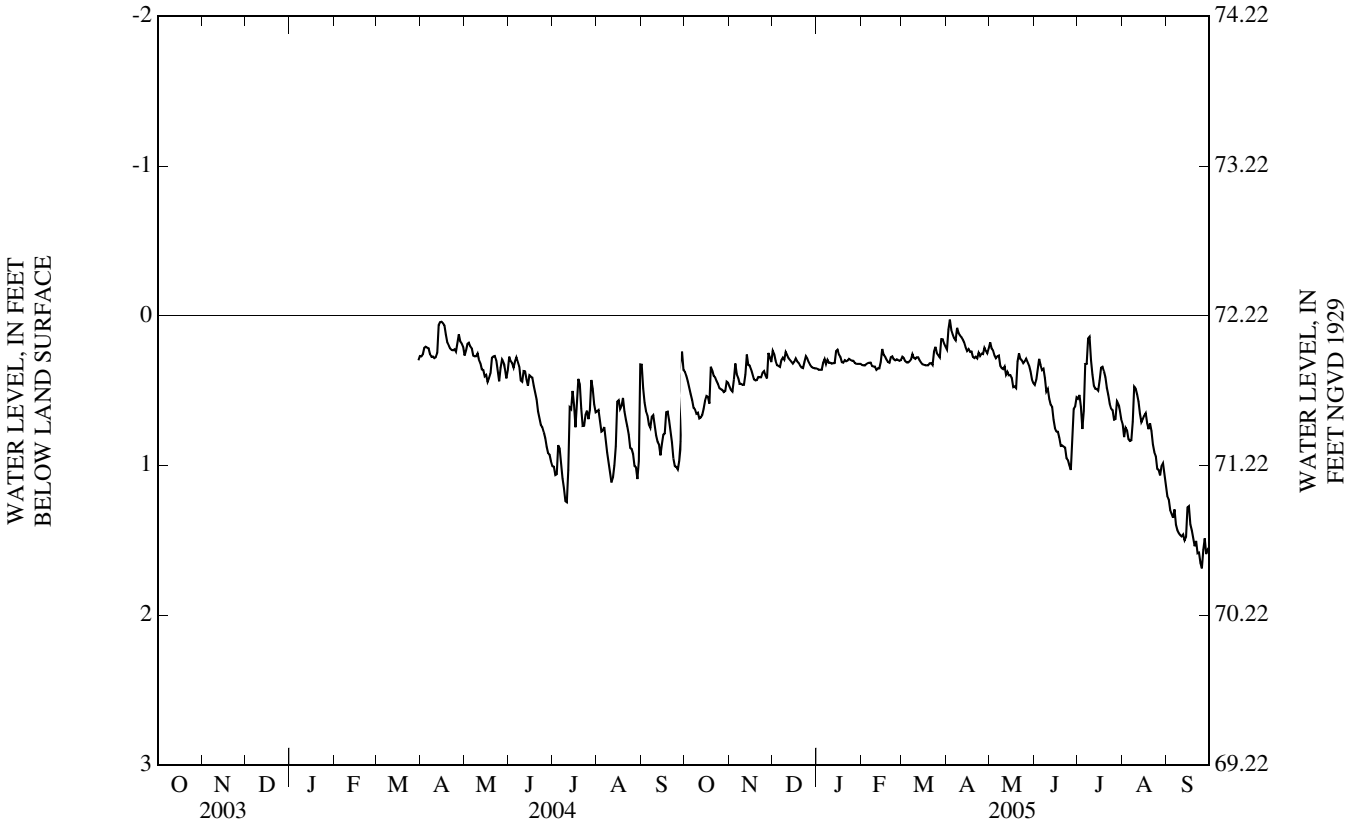
PERIOD OF RECORD.--March 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 0.02 ft below land surface, Apr. 13, 15, 2004; lowest, 1.82 ft below land surface, July 11, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	0.52	0.32	0.33	0.31	0.32	0.31	0.12	0.28	0.33	0.63	0.82	1.35
10	0.65	0.46	0.24	0.31	0.34	0.29	0.13	0.36	0.49	0.29	0.48	1.46
15	0.57	0.33	0.32	0.23	0.22	0.32	0.23	0.39	0.75	0.50	0.69	1.28
20	0.36	0.43	0.33	0.30	0.31	0.32	0.28	0.30	0.87	0.41	0.72	1.54
25	0.48	0.37	0.28	0.30	0.29	0.25	0.25	0.30	1.00	0.63	1.02	1.69
EOM	0.45	0.31	0.35	0.32	0.30	0.20	0.22	0.45	0.54	0.69	1.13	1.58
MEAN	0.51	0.39	0.30	0.31	0.31	0.28	0.19	0.34	0.65	0.49	0.79	1.45
MAX	0.68	0.50	0.35	0.36	0.36	0.33	0.28	0.48	1.03	0.75	1.13	1.69
MIN	0.34	0.25	0.23	0.23	0.22	0.16	0.03	0.18	0.29	0.14	0.47	1.20

WTR YR 2005 MEAN 0.50 HIGH 0.03 APR 3 LOW 1.69 SEP 25



07-1091 AB OW-1M

NJ-WRD Well Number, 07-1091. Site I.D., 394407074533601. Local I.D., AB OW-1M.

LOCATION.--Lat 39°44'06.6", long 74°53'36.1", Hydrologic Unit 02040301, on the north side of Tom Wells Rd., about 4,400 ft east of Rt. 73, Winslow Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 2 in., depth 95 ft, screened 85 to 95 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 156.48 ft above NGVD of 1929, from digital elevation model. The land surface elevation is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and wells PZ 5 (07-0744) and AB OW-1D (07-1092) is accurate to within 0.01 ft, from differential surveying. Measuring point: Top of casing, 1.40 ft above land surface.

REMARKS.--Water level is affected by nearby pumping.

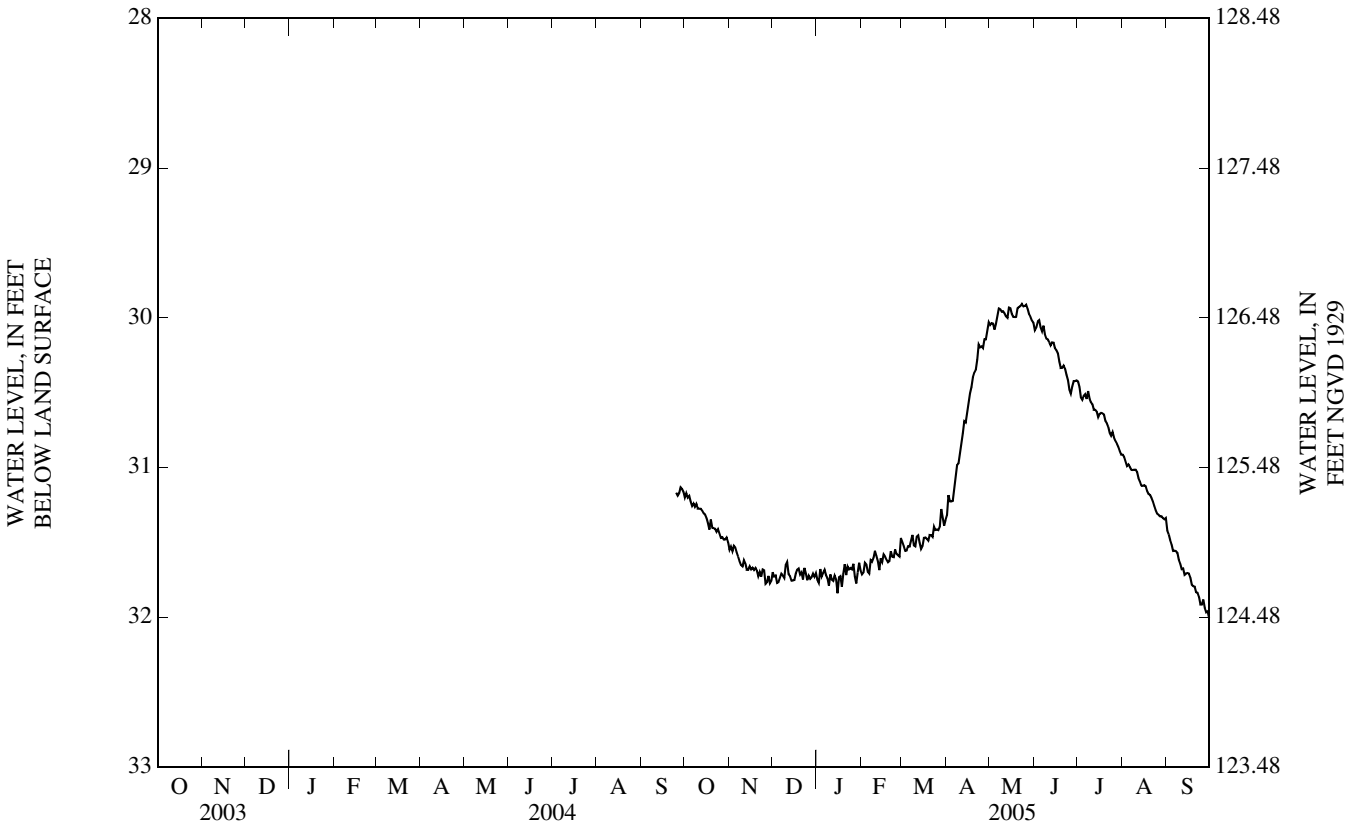
PERIOD OF RECORD.--Sept. 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 29.84 ft below land surface, May 26, 2005; lowest, 32.15 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	31.23	31.53	31.76	31.70	31.69	31.52	31.22	30.04	30.06	30.52	30.98	31.56
10	31.27	31.66	31.65	31.71	31.55	31.53	30.90	29.96	30.14	30.56	31.01	31.64
15	31.31	31.66	31.75	31.84	31.63	31.52	30.64	29.94	30.20	30.66	31.12	31.70
20	31.40	31.69	31.71	31.64	31.62	31.45	30.36	29.94	30.33	30.69	31.18	31.79
25	31.44	31.68	31.75	31.68	31.57	31.41	30.19	29.92	30.48	30.76	31.31	31.91
EOM	31.50	31.76	31.70	31.69	31.47	31.35	30.03	30.03	30.42	30.91	31.34	32.00
MEAN	31.34	31.66	31.72	31.72	31.61	31.46	30.63	29.97	30.24	30.66	31.14	31.72
MAX	31.50	31.77	31.77	31.84	31.71	31.55	31.32	30.08	30.51	30.91	31.34	32.00
MIN	31.17	31.52	31.63	31.64	31.47	31.28	30.03	29.91	30.02	30.42	30.91	31.42

WTR YR 2005 MEAN 31.15 HIGH 29.91 MAY 23 LOW 32.00 SEP 30



07-1092 AB OW-1D

NJ-WRD Well Number, 07-1092. Site I.D., 394407074533602. Local I.D., AB OW-1D.

LOCATION.--Lat 39°44'06.8", long 74°53'36.1", Hydrologic Unit 02040301, on the north side of Tom Wells Rd., about 4,400 ft east of Rt. 73, Winslow Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 2 in., depth 160 ft, screened 150 to 160 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 156.26 ft above NGVD of 1929, from digital elevation model. The land surface elevation is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and wells PZ 5 (07-0744) and AB OW-1M (07-1091) is accurate to within 0.01 ft, from differential surveying. Measuring point: Top of casing, 1.70 ft above land surface.

REMARKS.--Water level is affected by nearby pumping.

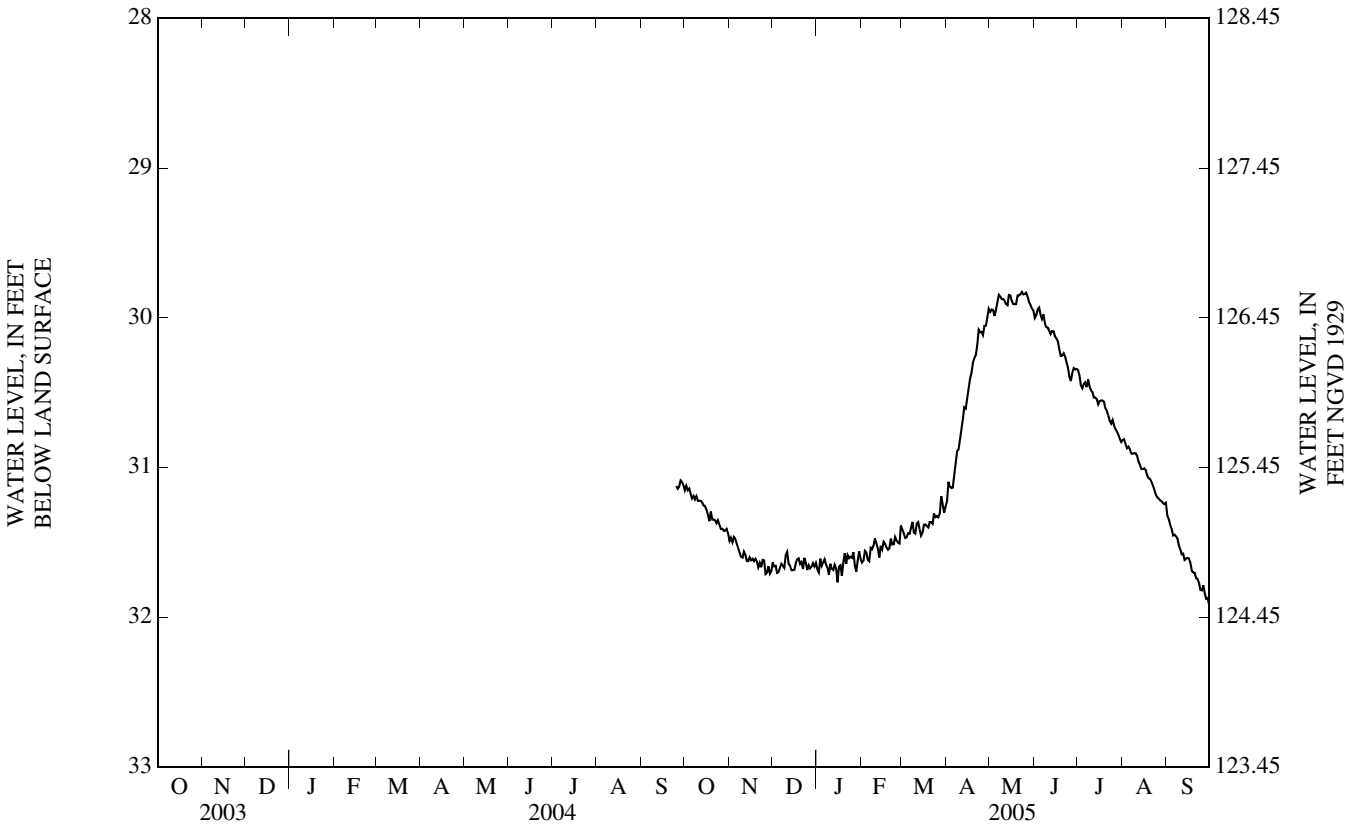
PERIOD OF RECORD.--Sept. 2004 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 29.76 ft below land surface, May 26, 2005; lowest, 32.06 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	31.18	31.47	31.70	31.63	31.61	31.44	31.13	29.95	29.98	30.44	30.86	31.45
10	31.22	31.60	31.59	31.64	31.47	31.44	30.81	29.87	30.07	30.48	30.90	31.54
15	31.26	31.60	31.68	31.77	31.55	31.44	30.54	29.85	30.12	30.58	31.01	31.60
20	31.35	31.63	31.64	31.57	31.54	31.36	30.27	29.85	30.25	30.60	31.08	31.70
25	31.38	31.62	31.68	31.60	31.49	31.32	30.09	29.84	30.39	30.68	31.20	31.82
EOM	31.44	31.69	31.64	31.61	31.39	31.26	29.94	29.95	30.34	30.83	31.23	31.91
MEAN	31.29	31.60	31.65	31.64	31.53	31.37	30.54	29.89	30.16	30.57	31.03	31.63
MAX	31.44	31.71	31.70	31.77	31.63	31.47	31.23	29.99	30.42	30.83	31.24	31.91
MIN	31.12	31.46	31.56	31.56	31.39	31.19	29.94	29.83	29.93	30.35	30.81	31.32

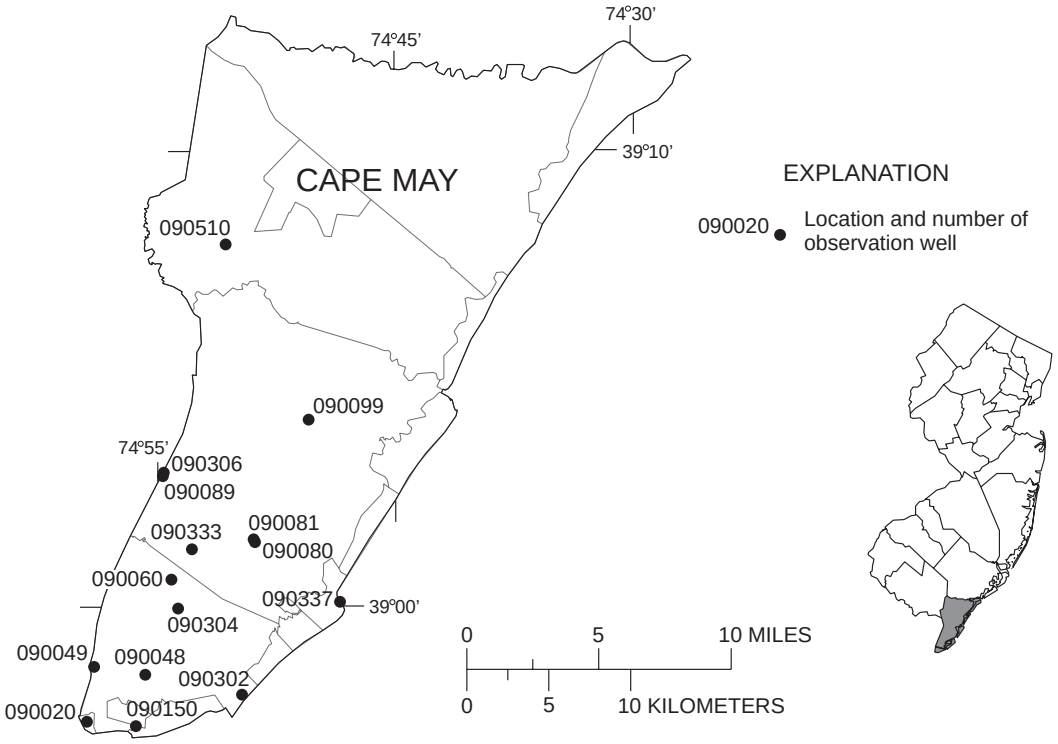
WTR YR 2005 MEAN 31.07 HIGH 29.83 MAY 23 LOW 31.91 SEP 30



CAPE MAY COUNTY

NJ-WRD well number	Local identifier	Township	Well depth	Aquifer	Type of data
090020	TRAFFIC CIRCLE OBS	CAPE MAY POINT BORO	20	HLBC	MANUAL
090048	CANAL 5 OBS	LOWER TWP	252	CNSY	MANUAL
090049	HIGBEE BEACH 3 OBS	LOWER TWP	250	CNSY	DAILY
090060	AIRPORT 7 OBS	LOWER TWP	257	CNSY	MANUAL
090080	CAPE MAY 42 OBS	MIDDLE TWP	252	CNSY	MANUAL
090081	CAPE MAY 23 OBS	MIDDLE TWP	26	HLBC	DAILY
090089	OYSTER LAB 4 OBS	MIDDLE TWP	210	CNSY	DAILY
090099	CAPE MAY COUNTY PK 8 OBS	MIDDLE TWP	230	CNSY	DAILY
090150	WEST CAPE MAY 1 OBS	WEST CAPE MAY BORO	293	CNSY	DAILY
090302	COAST GUARD 800 OBS	LOWER TWP	903	KRKDL	DAILY
090304	AIRPORT RIO GRANDE OBS	LOWER TWP	510	KRKDU	DAILY
090306	OYSTER 800 OBS	MIDDLE TWP	709	KRKDL	DAILY
090333	PUMP POND N OBS	MIDDLE TWP	43	HLBC	DAILY
090337	M-1 N WILDWOOD 800 OBS	NORTH WILDWOOD CITY	965	KRKDL	DAILY
090510	BELLEPLAIN MW 44	DENNIS TWP	11	CKKD	DAILY

Aquifer names
- CKKD - Kirkwood-Cohansey aquifer system
- CNSY - Cohansey Sand
- HLBC - Holly Beach water-bearing zone
- KRKDL - Atlantic City 800-foot sand of the Kirkwood Formation
- KRKDU - Rio Grande water-bearing zone of the Kirkwood Formation



09-0020 Traffic Circle Obs

NJ-WRD Well Number, 09-0020. Site I.D., 385616074580001. Local I.D., Traffic Circle Obs.

LOCATION.--Lat 38°56'16", long 74°57'59", Hydrologic Unit 02040206, at the traffic circle at the intersection of Central, Cape, and Ocean Avenues, Cape May Point, Cape May Point Borough.

AQUIFER.--Holly Beach water-bearing zone.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 1.25 in., depth 20 ft, screened 15 to 20 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level extremes recorder, May 1977 to Oct. 1984. Water-level recorder, Jan. 1963 to May 1977.

DATUM.--Land surface is 9.12 ft above NGVD of 1929. Measuring point: Top of shelf, 3.00 ft above land surface.

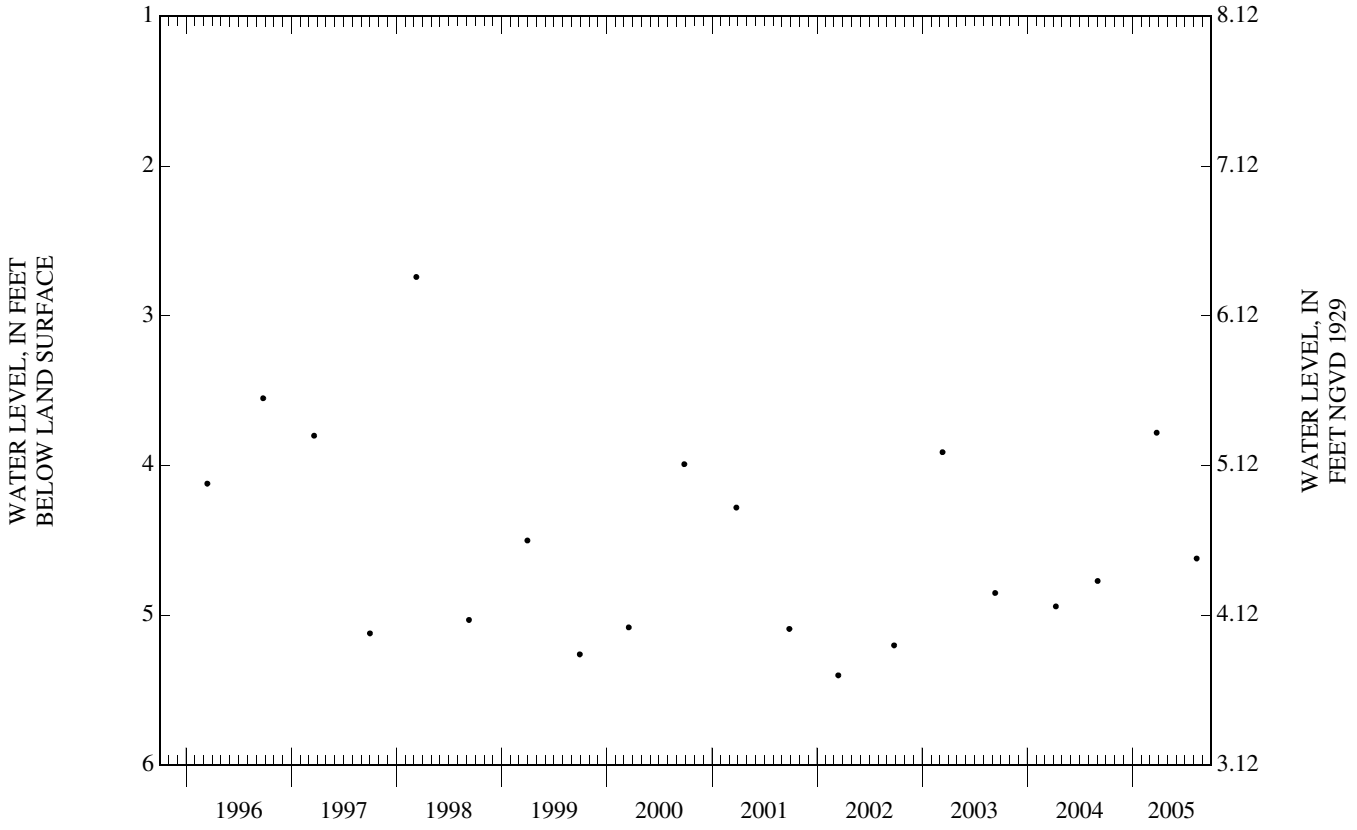
REMARKS.--Water level is affected by the stage of Lake Lilly.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.45 ft below land surface, between Nov. 11, 1977 and Feb. 21, 1978; lowest, 7.75 ft below land surface, Aug. 25, 1988.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 25	3.78	AUG 11	4.62



09-0048 Canal 5 Obs

NJ-WRD Well Number, 09-0048. Site I.D., 385748074553301. Local I.D., Canal 5 Obs. NJ Permit Number, 37-00159.

LOCATION.--Lat 38°57'48", long 74°55'32", Hydrologic Unit 02040206, between the Cape May Canal and Jonathon Hoffman Rd., Lower Township.

AQUIFER.--Cohansey Sand of Miocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 252 ft, screened 242 to 252 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level recorder, Apr. 1963 to Aug. 1975. Periodic measurements, Oct. 1958 to Apr. 1963. Water-level recorder, July 1957 to Oct. 1958.

DATUM.--Land surface is 17.48 ft above NGVD of 1929. Measuring point: Top of shelf, 3.10 ft above land surface.

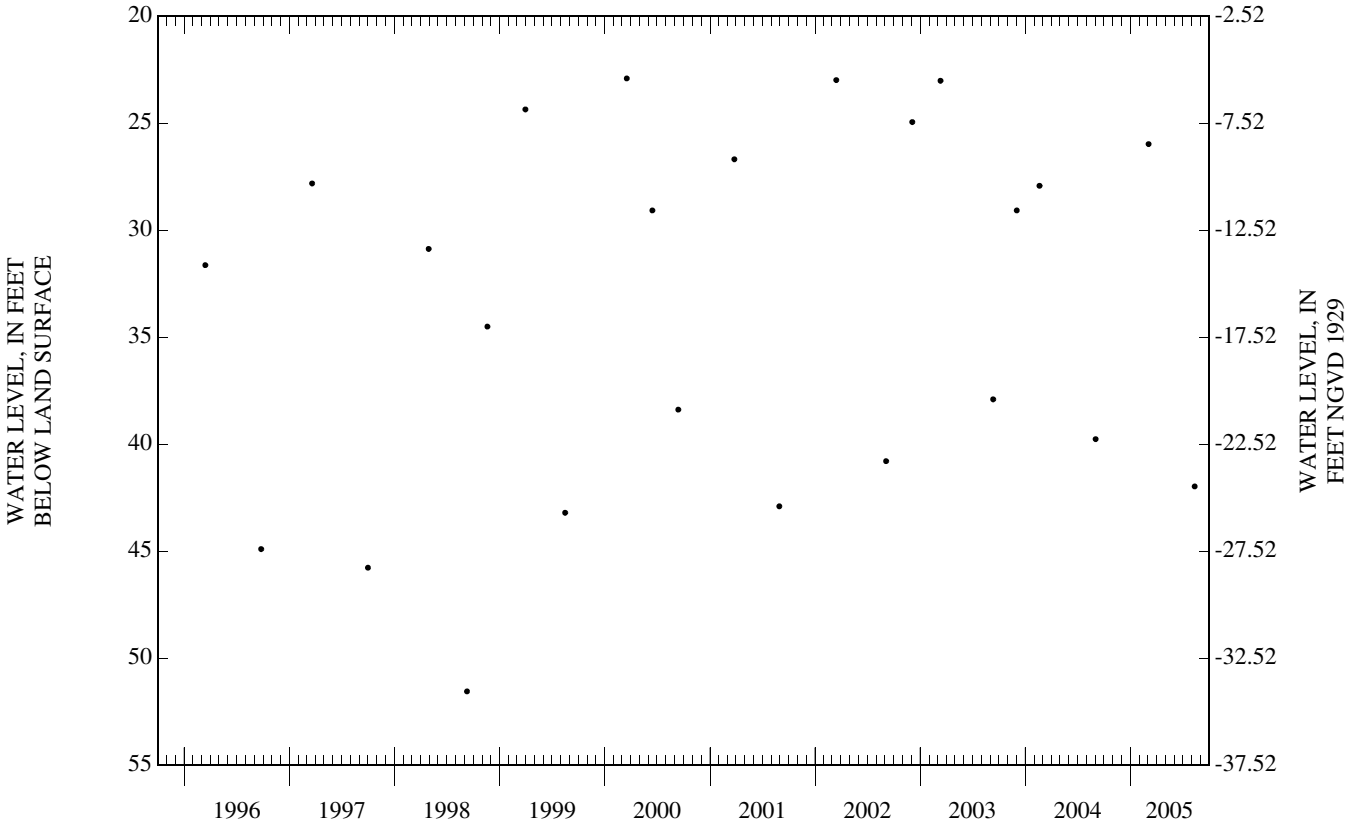
REMARKS.--Water level is affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--July 1957 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 22.90 ft below land surface, Mar. 17, 2000; lowest, 56.67 ft below land surface, Aug. 11, 1977.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 04	25.97	AUG 11	41.97



09-0049 Higbee Beach 3 Obs

NJ-WRD Well Number, 09-0049. Site I.D., 385804074574201. Local I.D., Higbee Beach 3 Obs.

LOCATION.--Lat 38°58'04", long 74°57'41", Hydrologic Unit 02040206, on the north bank at the west end of the Cape May Canal, Lower Township.

AQUIFER.--Cohansey Sand of Miocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 250 ft, screened 241 to 250 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Water-level extremes recorder, May 1977 to Apr. 2005. Periodic measurements, Aug. 1975 to May 1977. Water-level recorder, May 1965 to Aug. 1975.

DATUM.--Land surface is 6.00 ft above NGVD of 1929. Measuring Point: Front edge of cutout in recorder housing, 2.93 ft above land surface.

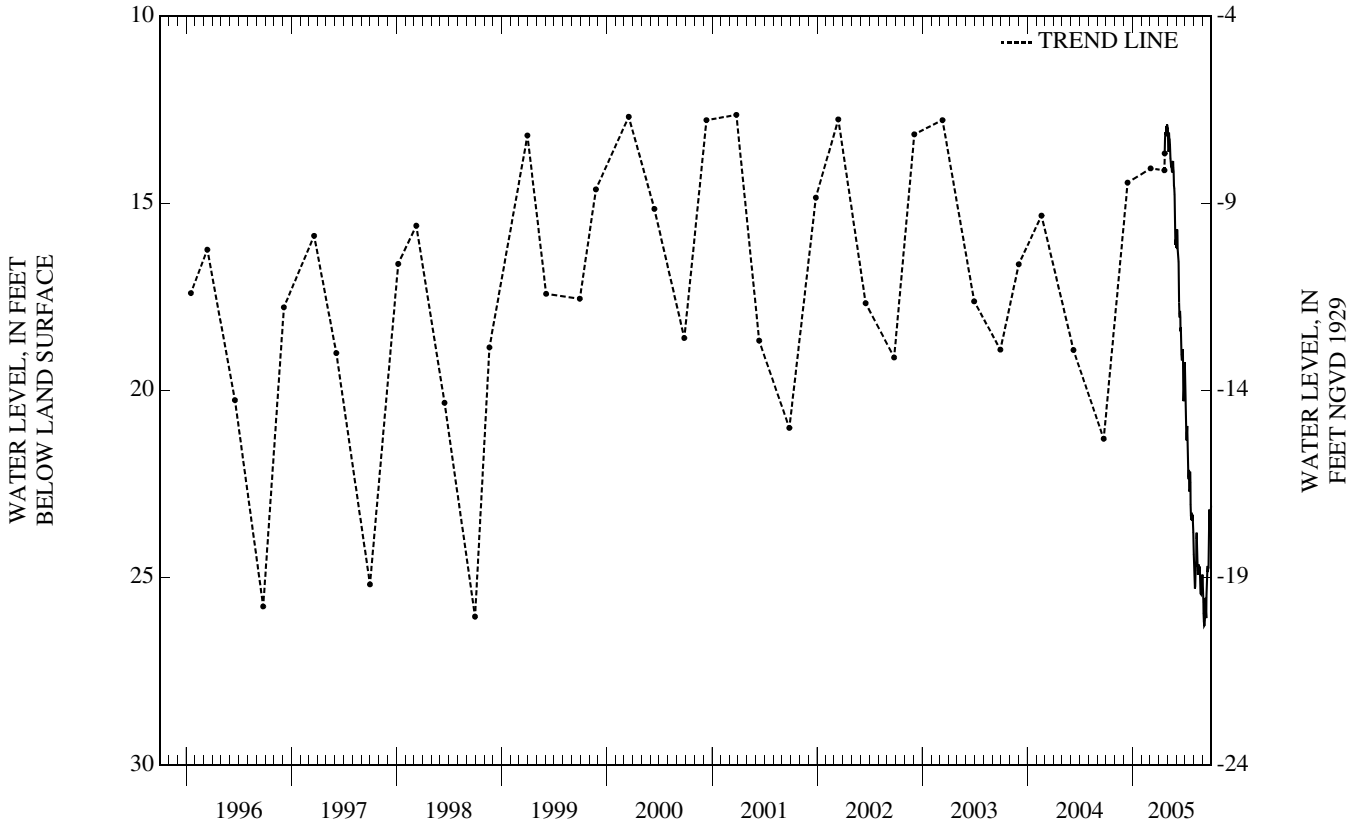
REMARKS.--Water level is affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--May 1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 9.41 ft below land surface, between Mar. 12 and June 30, 2003; lowest, 34.22 ft below land surface, July 31, 1974.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	---	13.63	15.87	20.75	25.29	26.17
10	---	---	---	---	---	---	---	13.44	17.05	21.49	23.97	25.54
15	---	---	---	---	---	---	---	14.03	18.05	22.12	24.92	25.19
20	---	---	---	---	---	---	---	13.89	19.18	22.46	24.81	24.74
25	---	---	---	---	---	---	13.15	14.60	19.74	23.30	25.43	23.78
EOM	---	---	---	---	---	---	12.90	16.10	19.38	24.05	24.92	23.08
MEAN	---	---	---	---	---	---	---	14.11	18.03	22.17	24.83	24.92
MAX	---	---	---	---	---	---	---	16.12	20.29	24.05	25.44	26.29
MIN	---	---	---	---	---	---	---	12.92	15.70	19.25	23.80	23.08



09-0060 Airport 7 Obs

NJ-WRD Well Number, 09-0060. Site I.D., 390058074542701. Local I.D., Airport 7 Obs.

LOCATION.--Lat 39°00'56", long 74°54'25", Hydrologic Unit 02040206, at the Cape May County Airport, Lower Township.

AQUIFER.--Cohansey Sand of Miocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 257 ft, screened 242 to 257 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level recorder, Apr. 1963 to Aug. 1975. Periodic measurements, Jan. 1963 to Apr. 1963.

DATUM.--Land surface is 13.11 ft above NGVD of 1929. Measuring point: Top of shelf, 3.00 ft above land surface.

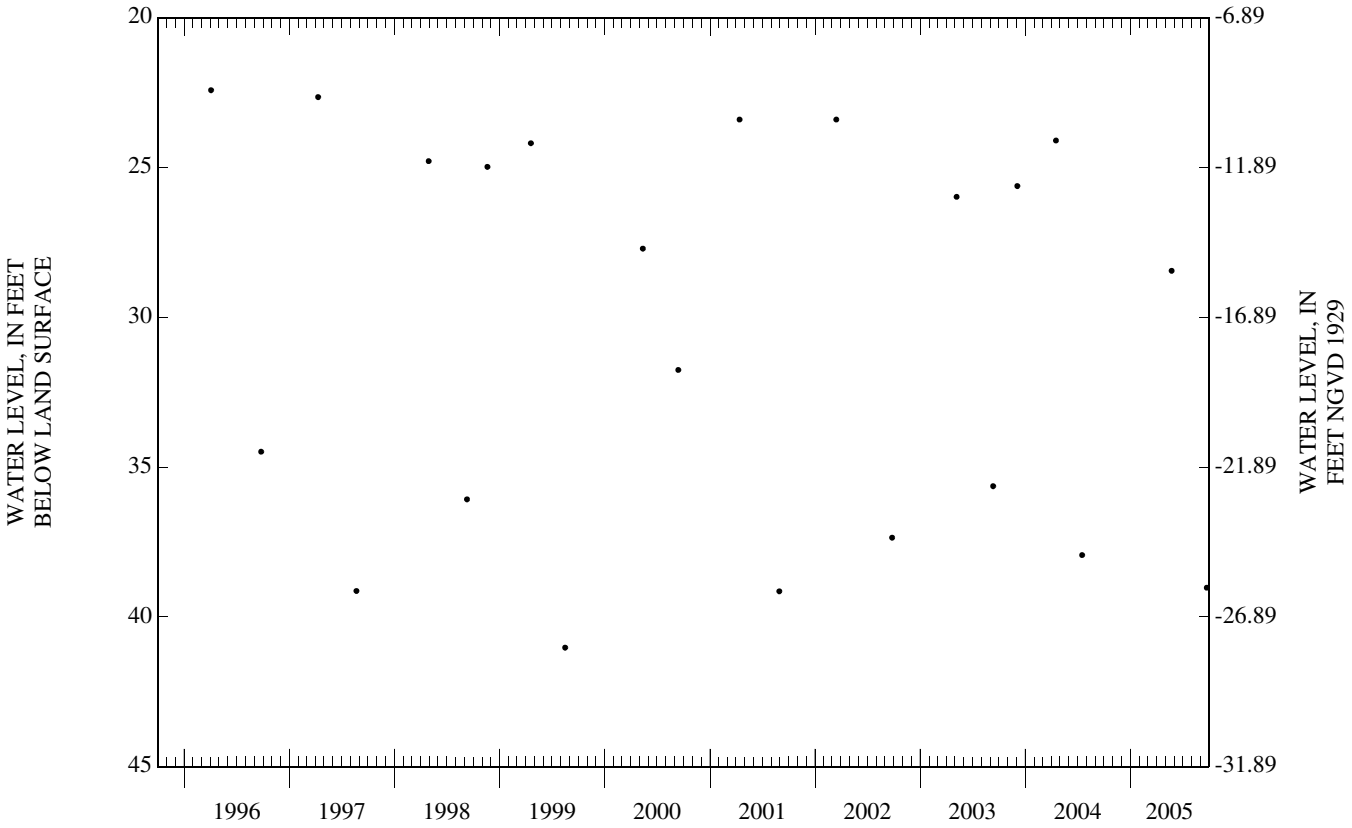
REMARKS.--Water level is affected by nearby pumping.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 15.00 ft below land surface, Apr. 9, 1964; lowest, 42.43 ft below land surface, Aug. 11, 1977.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 23	28.45	SEP 22	39.03



09-0080 Cape May 42 Obs

NJ-WRD Well Number, 09-0080. Site I.D., 390211074505501. Local I.D., Cape May 42 Obs.

LOCATION.--Lat 39°02'13", long 74°50'55", Hydrologic Unit 02040302, in the center of the median of the Garden State Parkway, near mile marker 6, Middle Township.

AQUIFER.--Cohansey Sand of Miocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 252 ft, screened 242 to 252 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level recorder, May 1963 to July 1970. Periodic measurements, Oct. 1958 to May 1963. Water-level recorder, July 1957 to Oct. 1958.

DATUM.--Land surface is 13.67 ft above NGVD of 1929. Measuring point: Top of base of aluminum locking cap, 2.41 ft above land surface.

REMARKS.--Water level is affected by tidal fluctuation and nearby pumping.

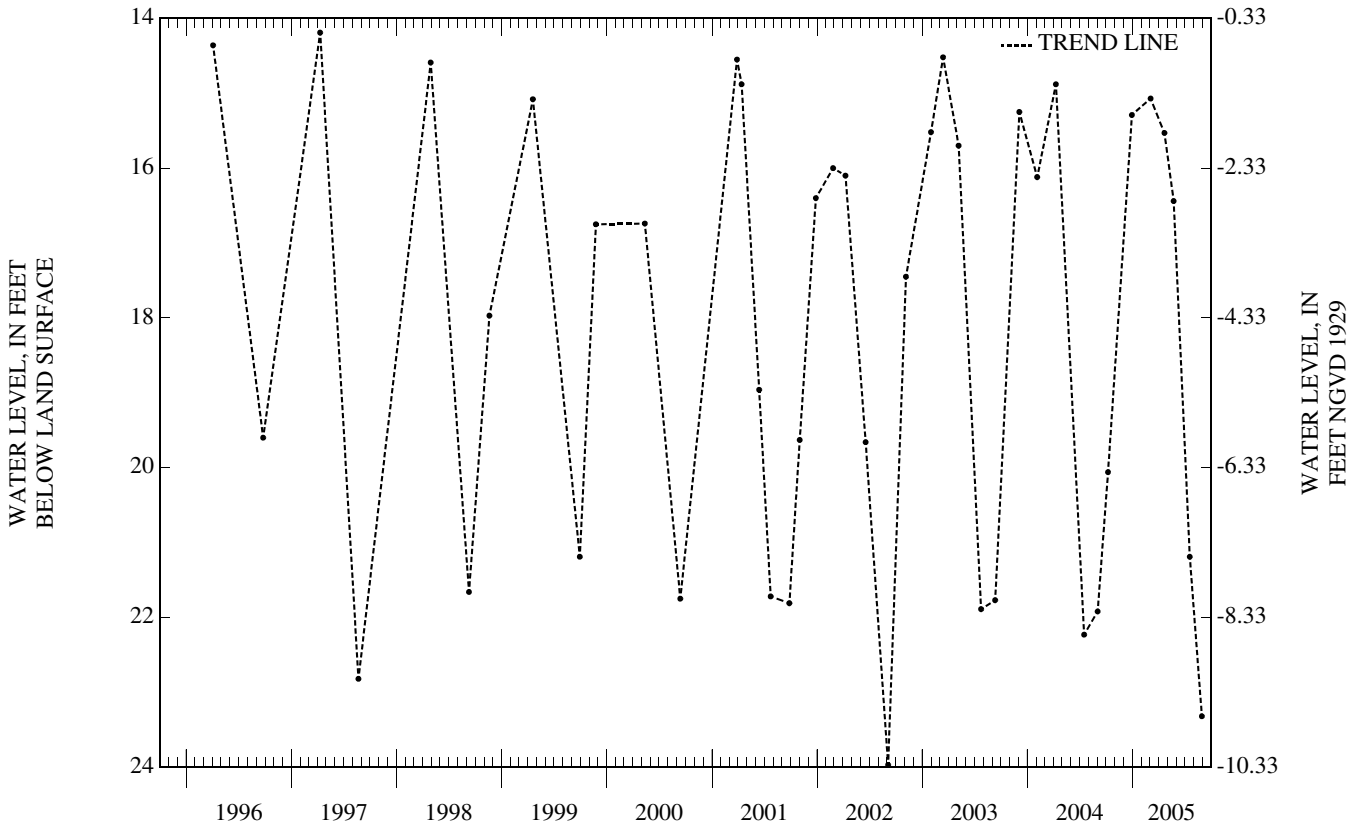
PERIOD OF RECORD.--July 1957 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 8.82 ft below land surface, Apr. 3, 6, 1958; lowest, 23.97 ft below land surface, Sept. 4, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07	20.06	MAR 04	15.07	MAY 23	16.44	AUG 29	23.32
DEC 29	15.29	APR 21	15.53	JUL 18	21.19		

WATER YEAR 2005 HIGHEST 15.07 MAR 04, 2005 LOWEST 23.32 AUG 29, 2005



09-0081 Cape May 23 Obs

NJ-WRD Well Number, 09-0081. Site I.D., 390211074505502. Local I.D., Cape May 23 Obs.

LOCATION.--Lat 39°02'11", long 74°50'54", Hydrologic Unit 02040302, in the center of the median of the Garden State Parkway, near mile marker 6, Middle Township.

AQUIFER.--Holly Beach water-bearing zone.

WELL CHARACTERISTICS.--Driven water-table observation well, diameter 1.25 in., depth 26 ft, screened 23 to 26 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Periodic measurements, June 1957 to Apr. 2005.

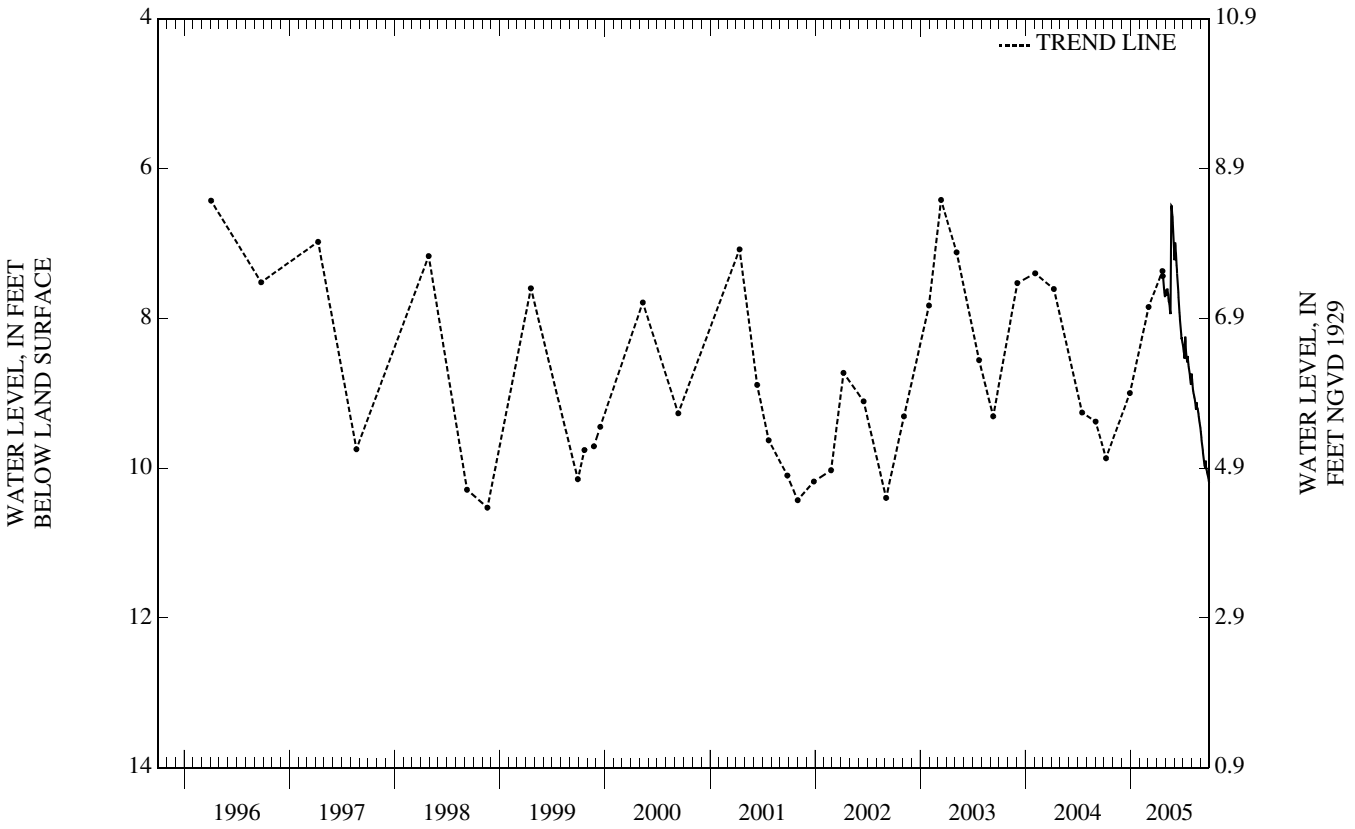
DATUM.--Land surface is 14.90 ft above NGVD of 1929. Measuring point: Top of casing, 1.30 ft above land surface.

PERIOD OF RECORD.--June 1957 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 5.64 ft below land surface, Apr. 5, 1994; lowest, 10.82 ft below land surface, Sept. 30, 1986.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	---	7.70	7.04	8.48	8.95	9.66
10	---	---	---	---	---	---	---	7.67	7.35	8.31	9.06	9.83
15	---	---	---	---	---	---	---	7.81	7.65	8.56	9.20	9.98
20	---	---	---	---	---	---	---	7.55	7.97	8.62	9.20	10.0
25	---	---	---	---	---	---	7.54	6.62	8.21	8.76	9.31	10.09
EOM	---	---	---	---	---	---	7.72	7.07	8.34	8.74	9.47	10.20
MEAN	---	---	---	---	---	---	---	7.37	7.69	8.57	9.15	9.91
MAX	---	---	---	---	---	---	---	7.95	8.34	8.89	9.47	10.20
MIN	---	---	---	---	---	---	---	6.50	6.99	8.25	8.77	9.51



09-0089 Oyster Lab 4 Obs

NJ-WRD Well Number, 09-0089. Site I.D., 390425074544601. Local I.D., Oyster Lab 4 Obs. NJ Permit Number, 37-00158.

LOCATION.--Lat 39°04'25", long 74°54'45", Hydrologic Unit 02040206, at the Rutgers Oyster Laboratory near Green Creek, Middle Township.

AQUIFER.--Cohansey Sand of Miocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 210 ft, screened 195 to 210 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Water-level extremes recorder, May 1977 to May 2005. Periodic measurements, Aug. 1975 to May 1977. Water-level recorder, Aug. 1957 to Aug. 1975.

DATUM.--Land surface is 7.37 ft above NGVD of 1929. Measuring point: Front edge of cutout in recorder housing, 3.90 ft above land surface.

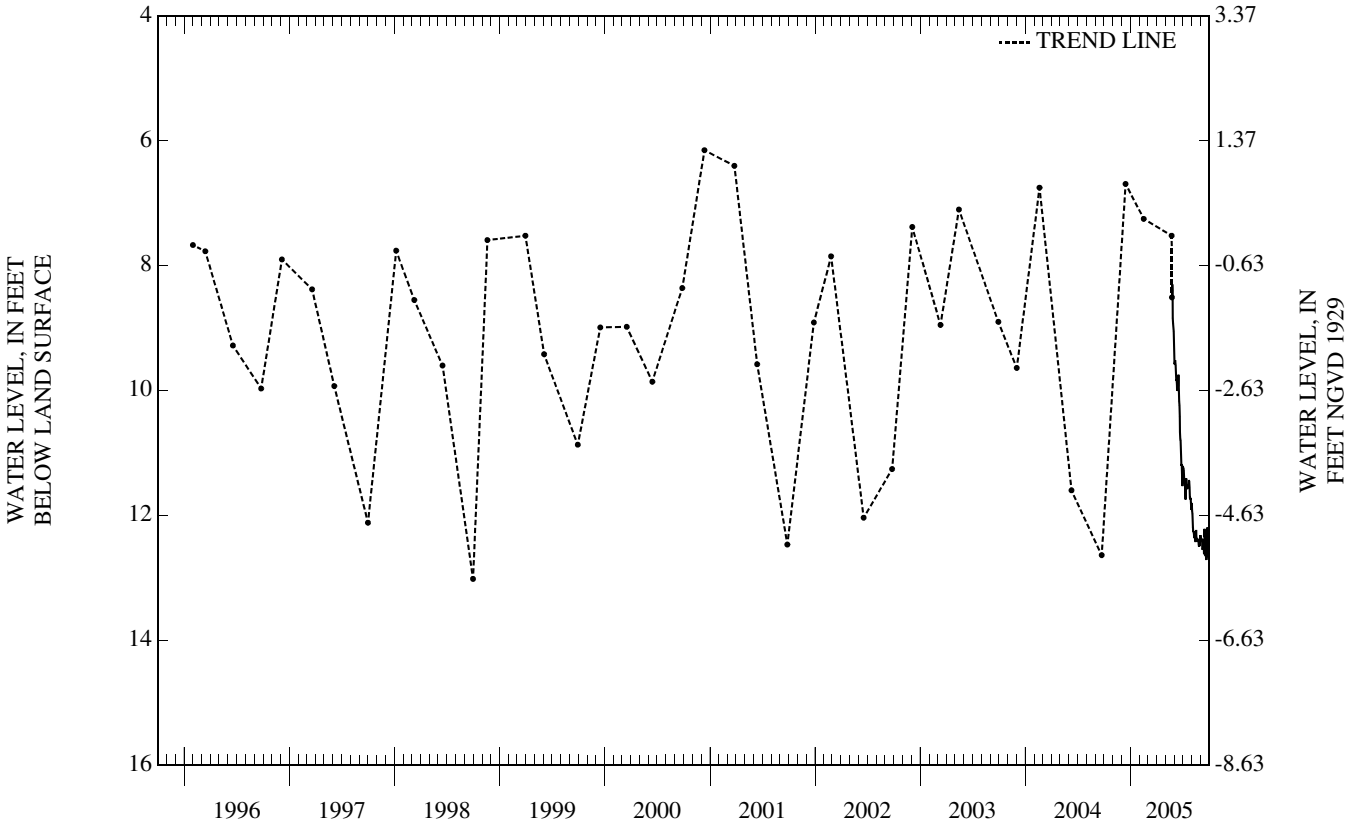
REMARKS.--Water level is affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--Aug. 1957 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.07 ft below land surface, Apr. 3, 1958; lowest, 15.71 ft below land surface, between June 4 and Sept. 30, 1986.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	---	---	9.57	11.40	12.19	12.40
10	---	---	---	---	---	---	---	---	9.90	11.75	12.25	12.38
15	---	---	---	---	---	---	---	---	9.75	11.56	12.39	12.34
20	---	---	---	---	---	---	---	---	10.42	11.52	12.38	12.70
25	---	---	---	---	---	---	---	8.30	11.13	11.71	12.47	12.41
EOM	---	---	---	---	---	---	---	9.24	11.48	11.84	12.32	12.39
MEAN	---	---	---	---	---	---	---	---	10.26	11.54	12.32	12.45
MAX	---	---	---	---	---	---	---	---	11.53	11.91	12.50	12.71
MIN	---	---	---	---	---	---	---	---	9.41	11.21	11.80	12.20



09-0099 Cape May County Park 8 Obs

NJ-WRD Well Number, 09-0099. Site I.D., 390608074483801. Local I.D., Cape May County Park 8 Obs. NJ Permit Number, 35-00680.

LOCATION.--Lat 39°06'11", long 74°48'37", Hydrologic Unit 02040302, at Cape May County Park, Rt. 9, Middle Township.

AQUIFER.--Cohansey Sand of Miocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 230 ft, screened 214 to 230 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Water-level recorder, Nov. 1986 to May 2000. Periodic measurements, Nov. 1968 to Nov. 1986. Water-level recorder, Apr.1961 to Nov. 1968. Periodic measurements, Nov. 1958 to Apr. 1961. Water-level recorder, Oct. 1957 to Oct. 1958.

DATUM.--Land surface is 10.73 ft above NGVD of 1929. Measuring point: Top of well seal, 2.27 ft above land surface.

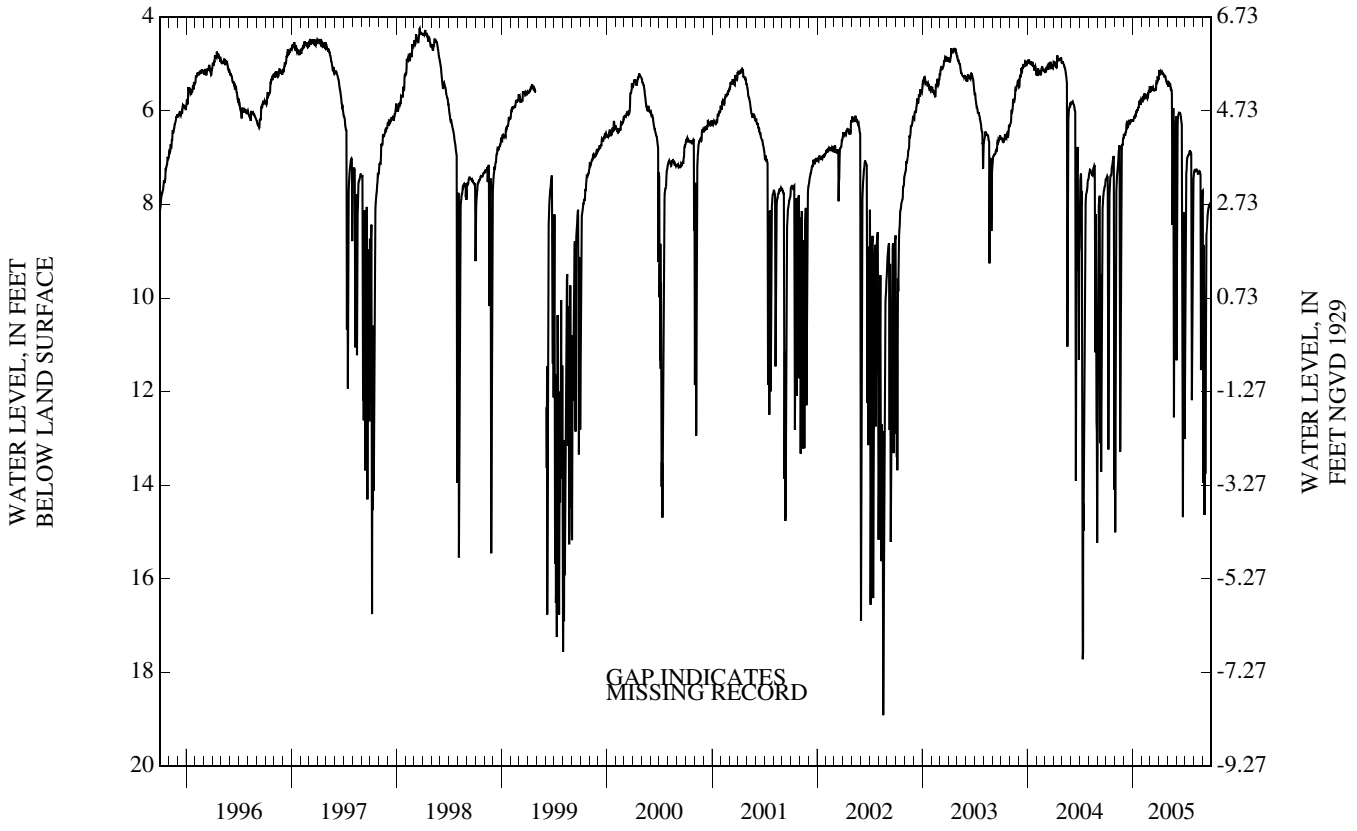
REMARKS.--Water level is affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--Oct. 1957 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 3.73 ft below land surface, Apr. 5, 1958; lowest, 22.01 ft below land surface, July 9, 1988.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.40	7.72	6.51	6.16	5.74	5.58	5.22	5.48	6.45	7.45	7.26	8.86
10	8.37	7.21	6.30	6.09	5.62	5.54	5.18	5.43	6.05	6.99	7.25	13.75
15	7.43	6.79	6.34	6.03	5.66	5.56	5.21	5.54	6.06	6.94	7.33	8.49
20	7.22	7.81	6.23	5.91	5.74	5.54	5.23	6.87	6.29	6.87	7.30	8.11
25	7.00	6.70	6.21	5.79	5.59	5.40	5.29	8.11	11.64	12.18	8.74	8.03
EOM	11.80	6.58	6.20	5.77	5.53	5.33	5.38	6.11	13.01	7.44	7.72	---
MEAN	8.24	7.86	6.32	5.99	5.68	5.49	5.24	6.33	8.13	7.72	7.60	---
MAX	14.09	15.00	6.51	6.23	5.79	5.58	5.39	12.55	14.68	12.18	11.54	---
MIN	6.96	6.58	6.18	5.76	5.53	5.26	5.12	5.36	6.04	6.86	7.25	---



09-0150 West Cape May 1 Obs

NJ-WRD Well Number, 09-0150. Site I.D., 385607074555201. Local I.D., West Cape May 1 Obs. NJ Permit Number, 37-00155.

LOCATION.--Lat 38°56'07", long 74°55'55", Hydrologic Unit 02040302, on the north side of Sunset Blvd., West Cape May Borough.

AQUIFER.--Cohansey Sand of Miocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 293 ft, screened 283 to 293 ft.

INSTRUMENTATION.--Submersible logger pressure transducer-60 minute recording interval. Water-level extremes recorder, May 1977 to Mar. 2005. Periodic measurements, Aug. 1975 to May 1977. Water-level recorder, June 1957 to Aug. 1975.

DATUM.--Land surface is 6.60 ft above NGVD of 1929. Measuring point: Front edge of cutout in recorder housing, 2.88 ft above land surface.

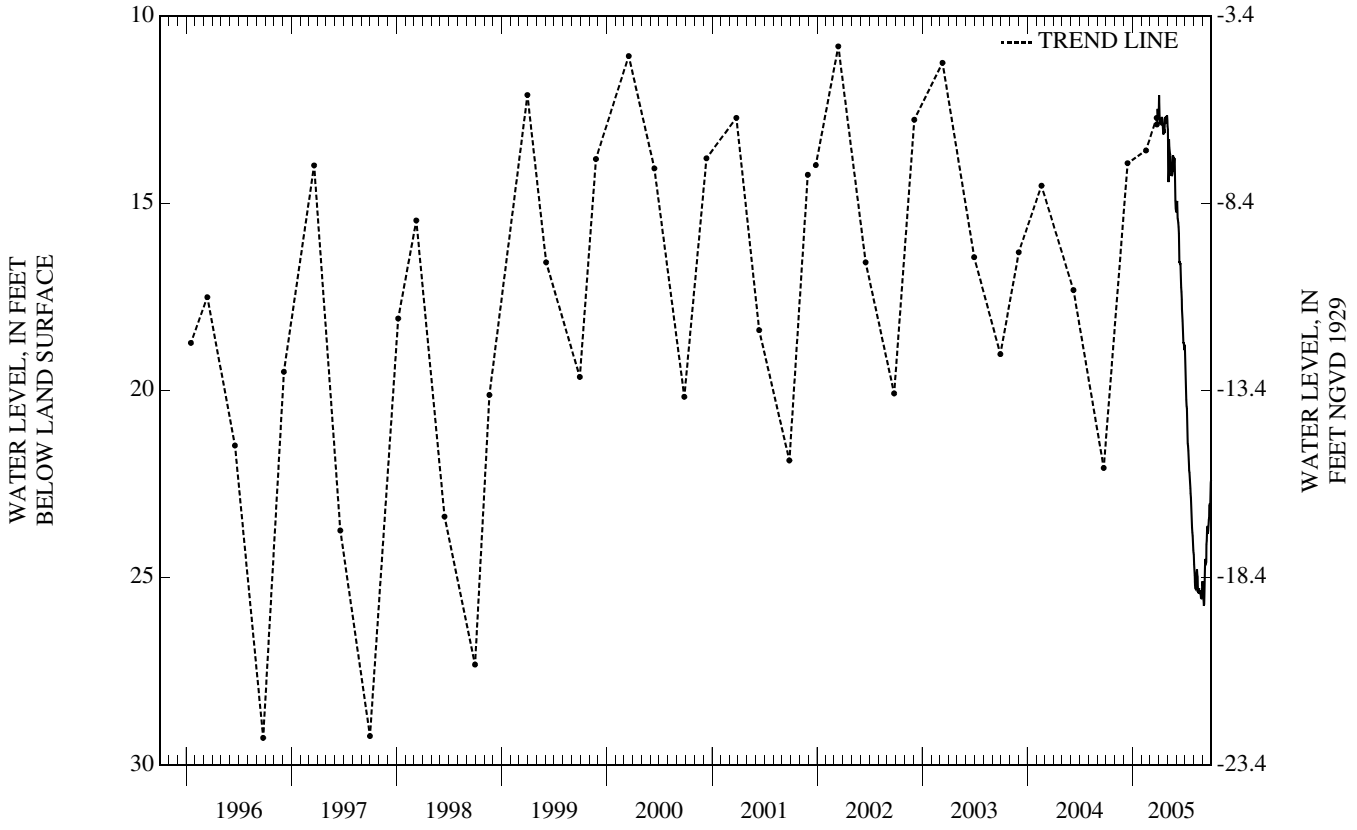
REMARKS.--Water level is affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--June 1957 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 8.93 ft below land surface, between Mar. 17, and June 14, 2000; lowest, 41.30 ft below land surface, Sept. 3, 1963.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	12.84	14.43	15.22	19.94	25.11	25.75
10	---	---	---	---	---	---	12.77	13.67	15.80	21.24	25.06	24.50
15	---	---	---	---	---	---	12.94	14.26	16.59	21.99	25.24	24.01
20	---	---	---	---	---	---	13.02	13.76	17.56	22.63	25.39	23.74
25	---	---	---	---	---	---	12.80	13.80	18.60	23.54	25.45	23.04
EOM	---	---	---	---	---	12.68	12.66	15.20	18.90	24.32	25.10	22.39
MEAN	---	---	---	---	---	---	12.80	13.96	16.89	21.92	25.19	24.11
MAX	---	---	---	---	---	---	13.16	15.20	18.92	24.32	25.55	25.75
MIN	---	---	---	---	---	---	12.12	12.80	14.94	18.78	24.39	22.39



09-0302 Coast Guard 800 Obs

NJ-WRD Well Number, 09-0302. Site I.D., 385709074512801. Local I.D., Coast Guard 800 Obs. NJ Permit Number, 37-03628-9.

LOCATION.--Lat 38°57'09", long 74°51'27", Hydrologic Unit 02040302, at Cape May National wildlife refuge, two mile beach unit, Lower Township.

AQUIFER.--Atlantic City 800-foot sand of the Kirkwood Formation of Miocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 903 ft, screened 883 to 893 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Water-level recorder, Feb. 1990 to June 1997.

DATUM.--Land surface is 5 ft above NGVD of 1929. Measuring point: Top of shelf, 3.05 ft above land surface.

REMARKS.--Water level is affected by regional pumping and tidal fluctuation.

PERIOD OF RECORD.--Feb. 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 16.04 ft below land surface, Apr. 21, 1991; lowest, 33.48 ft below land surface, Sept. 27, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	32.55	32.38	32.12	31.08	30.01	29.87	29.18	29.08	28.77	29.48	---	32.21
10	32.64	32.46	31.17	30.98	29.92	30.12	28.95	28.54	29.04	29.74	30.91	32.37
15	31.99	32.27	31.83	31.10	30.26	29.78	28.70	28.68	28.62	29.77	31.22	32.39
20	31.86	32.01	31.42	30.81	30.42	29.37	28.94	28.31	28.99	29.92	31.25	32.82
25	31.67	31.74	31.38	30.51	29.52	28.94	28.66	27.84	29.42	30.14	31.64	32.86
EOM	32.19	31.95	31.45	30.06	29.77	29.03	28.65	28.64	29.40	30.41	31.81	33.06
MEAN	32.30	32.16	31.64	30.80	30.11	29.44	28.84	28.54	29.01	29.77	---	32.56
MAX	32.86	32.82	32.40	31.58	30.44	30.29	29.18	29.08	29.45	30.41	---	33.10
MIN	31.59	31.61	31.03	30.06	29.52	28.66	28.36	27.84	28.51	29.18	---	32.01

09-0304 Airport Rio Grande Obs

NJ-WRD Well Number, 09-0304. Site I.D., 390002074541002. Local I.D., Airport Rio Grande Obs. NJ Permit Number, 37-03763-3.

LOCATION.--Lat 39°00'02", long 74°54'09", Hydrologic Unit 02040302, at the Cape May County Airport, Lower Township.

AQUIFER.--Rio Grande water-bearing zone of the Kirkwood Formation of Miocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 510 ft, screened 495 to 505 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60-minute recording interval. Water-level recorder, Feb. 1990 to Oct. 1992.

DATUM.--Land surface is 25 ft above NGVD of 1929, from topographic map. Measuring point: Top of protective casing, 2.50 ft above land surface.

REMARKS.--Water level is affected by nearby pumping.

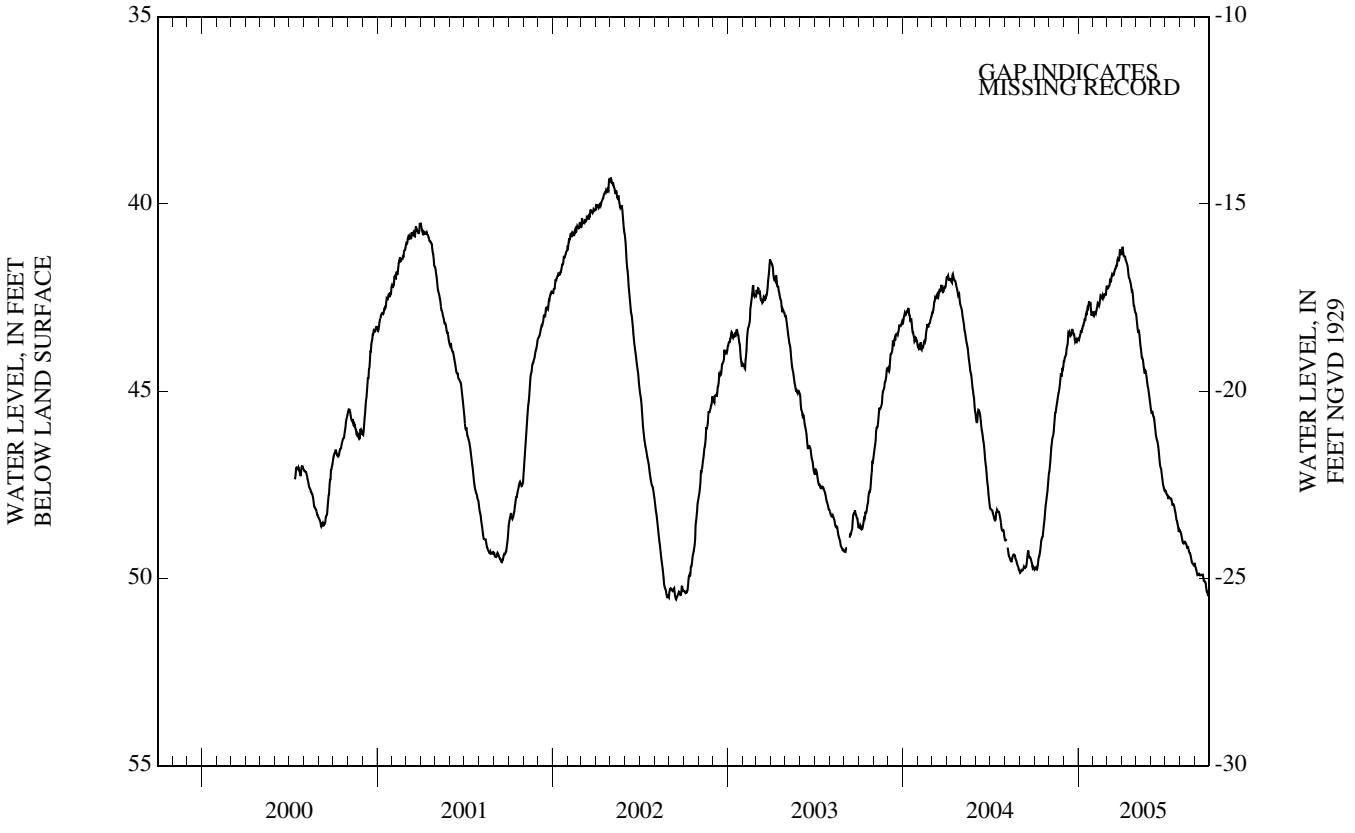
PERIOD OF RECORD.--Feb. 1990 to Oct. 1992, July 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 32.21 ft below land surface, Mar. 18, 1990; lowest, 50.58 ft below land surface, Sept. 14-15, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	49.76	46.50	44.05	43.49	42.90	42.21	41.38	43.42	45.62	47.77	48.97	49.87
10	49.43	46.07	43.52	43.27	42.66	42.03	41.51	43.78	46.05	47.86	49.02	49.89
15	49.00	45.48	43.53	43.12	42.55	41.90	41.87	44.15	46.39	47.99	49.16	49.92
20	48.63	45.05	43.39	42.77	42.53	41.68	42.14	44.45	46.99	48.13	49.31	50.06
25	47.98	44.53	43.69	42.68	42.41	41.50	42.56	44.86	47.39	48.46	49.56	50.35
EOM	47.20	44.35	43.60	42.93	42.27	41.34	42.90	45.40	47.67	48.72	49.59	50.48
MEAN	48.83	45.53	43.67	43.08	42.63	41.80	41.94	44.20	46.53	48.10	49.22	50.03
MAX	49.77	47.14	44.20	43.63	43.00	42.26	42.90	45.40	47.67	48.76	49.65	50.48
MIN	47.20	44.35	43.34	42.60	42.27	41.21	41.17	42.94	45.50	47.66	48.75	49.66

WTR YR 2005 MEAN 45.48 HIGH 41.17 APR 2 LOW 50.48 SEP 30



09-0306 Oyster 800 Obs

NJ-WRD Well Number, 09-0306. Site I.D., 390422074544701. Local I.D., Oyster 800 Obs. NJ Permit Number, 35-09239.

LOCATION.--Lat 39°04'22", long 74°54'46", Hydrologic Unit 02040206, at the Rutgers Oyster Laboratory near Green Creek, Middle Township.

AQUIFER.--Atlantic City 800-foot sand of the Kirkwood Formation of Miocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 709 ft, screened 656 to 666 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Water-level recorder, Mar. 1990 to Dec. 1992.

DATUM.--Land surface is 6 ft above NGVD of 1929. Measuring point: Top of PVC casing, 3.05 ft above land surface.

REMARKS.--Water level is affected by tidal fluctuation.

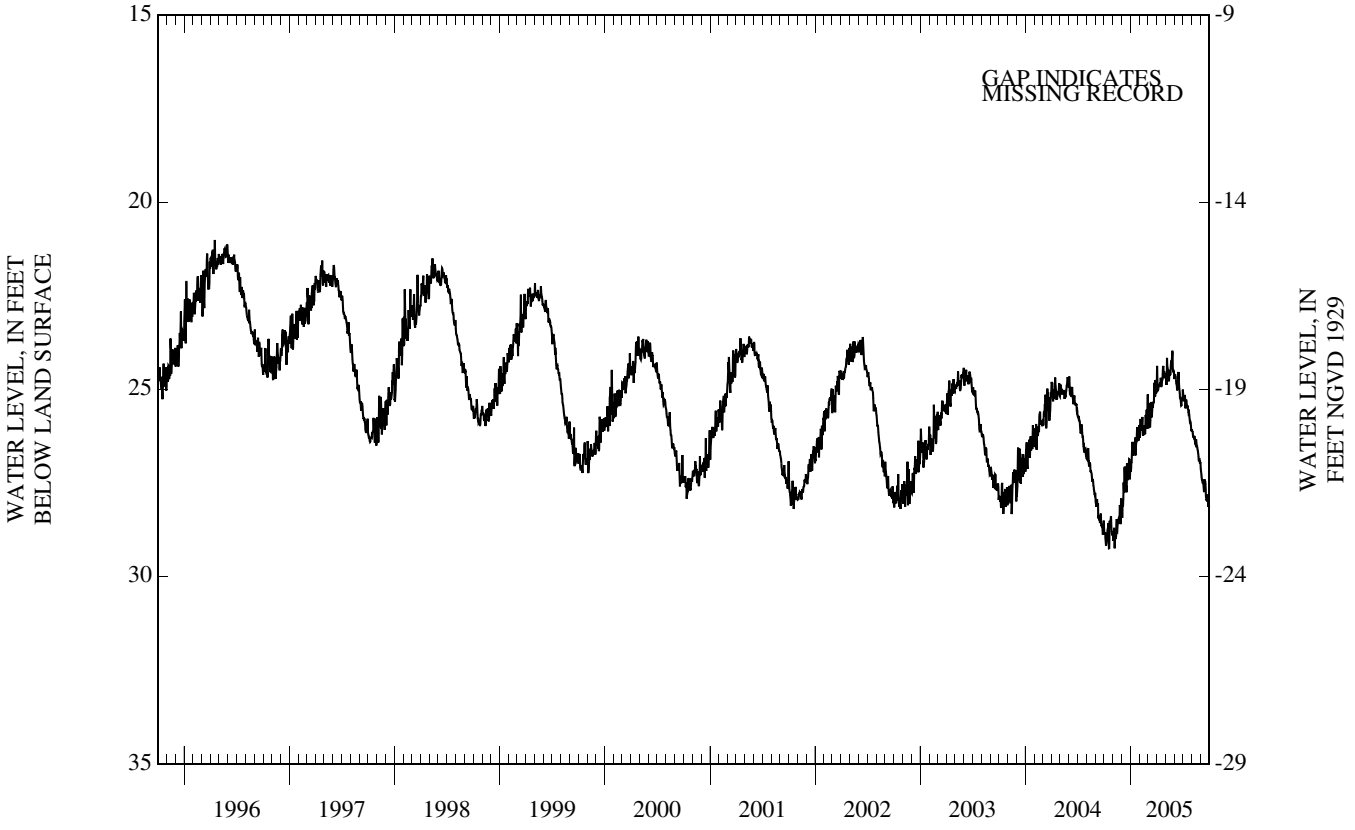
PERIOD OF RECORD.--Mar. 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 17.74 ft below land surface, May 15, 1991; lowest, 30.17 ft below land surface, Oct. 18, 2004.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	28.96	28.93	28.12	26.68	25.93	25.72	25.05	24.88	24.66	25.32	26.22	27.40
10	28.99	28.96	27.09	26.58	25.74	25.82	24.88	24.52	24.93	25.50	26.24	27.50
15	28.57	28.79	27.69	26.75	26.11	25.74	24.69	24.55	24.56	25.44	26.45	27.53
20	28.51	28.44	27.32	26.40	26.18	25.35	24.76	24.35	25.11	25.58	26.55	27.89
25	28.49	28.14	27.09	26.25	25.54	25.06	24.55	23.97	25.43	25.85	26.87	27.99
EOM	28.81	28.17	27.05	25.95	25.68	25.08	24.58	24.57	25.22	26.10	26.93	28.15
MEAN	28.83	28.62	27.46	26.49	25.96	25.40	24.75	24.50	24.96	25.52	26.51	27.67
MAX	29.24	29.24	28.43	27.20	26.29	26.04	25.05	24.88	25.43	26.11	26.98	28.15
MIN	28.38	27.91	26.86	25.95	25.54	24.75	24.37	23.97	24.53	25.00	26.07	27.12

WTR YR 2005 MEAN 26.39 HIGH 23.97 MAY 25 LOW 29.24 OCT 17



09-0333 Pump Pond N. Obs

NJ-WRD Well Number, 09-0333. Site I.D., 390156074533401. Local I.D., Pump Pond N. Obs. NJ Permit Number, 37-04769.

LOCATION.--Lat 39°01'56", long 74°53'33", Hydrologic Unit 02040206, on the east side of Rt. 47, about 1,000 ft north of Pumping Station Pond, Middle Township.

AQUIFER.--Holly Beach water-bearing zone.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 2 in., depth 43 ft, screened 28 to 38 ft.

INSTRUMENTATION.--Data collection platform with satellite telemetry--60 minute recording interval. Submersible logger pressure transducer, July 1992 to July 2002.

DATUM.--Land surface is 20 ft above NGVD of 1929. Measuring point: Top of protective casing, 3.60 ft above land surface.

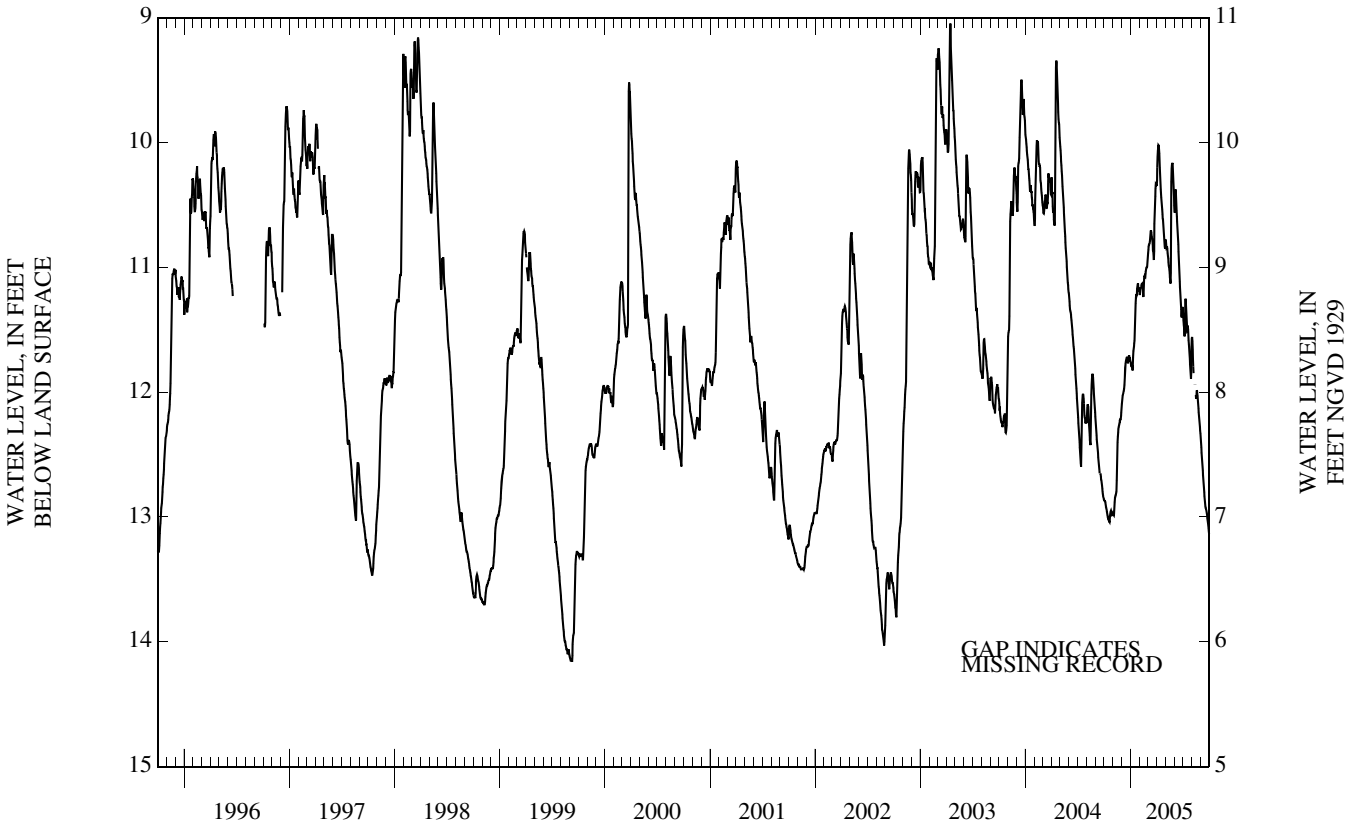
REMARKS.--Water level is affected by nearby pumping.

PERIOD OF RECORD.--July 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 8.68 ft below land surface, Apr. 2, 1994; lowest, 14.16 ft below land surface, Sept. 5-9, 1999.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	12.89	12.93	12.02	11.80	11.17	10.82	10.07	10.85	10.38	11.49	11.73	12.53
10	12.96	12.82	11.94	11.67	11.13	10.74	10.09	10.91	10.60	11.25	---	12.70
15	13.01	12.47	11.75	11.52	11.15	10.76	10.37	11.02	10.82	11.47	12.02	12.86
20	13.03	12.28	11.74	11.21	11.08	10.87	10.53	11.05	11.11	11.55	12.01	12.94
25	12.96	12.21	11.72	11.14	11.00	10.55	10.70	10.17	11.34	11.74	12.16	13.03
EOM	12.97	12.13	11.75	11.20	10.96	10.34	10.85	10.44	11.32	11.63	12.33	13.14
MEAN	12.96	12.54	11.84	11.46	11.11	10.72	10.40	10.70	10.88	11.54	---	12.81
MAX	13.04	12.99	12.09	11.83	11.24	10.94	10.85	11.13	11.40	11.89	---	13.14
MIN	12.86	12.13	11.70	11.13	10.96	10.34	10.02	10.16	10.38	11.25	---	12.37



09-0337 M-1 N Wildwood 800 Obs

NJ-WRD Well Number, 09-0337. Site I.D., 390012074472001. Local I.D., M-1 N Wildwood 800 Obs. NJ Permit Number, 37-04660.

LOCATION.--Lat 39°00'12", long 74°47'20", Hydrologic Unit 02040302, on the north side of 2nd Ave., between Surf Ave. and Ocean Ave., North Wildwood City.

AQUIFER.--Atlantic City 800-foot sand of the Kirkwood Formation of Miocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 965 ft, screened 910 to 960 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60-minute recording interval. Water-level recorder, July 1992 to May 1998.

DATUM.--Land surface is 10 ft above NGVD of 1929, from topographic map. Measuring point: Top of shelf, 4.40 ft above land surface.

REMARKS.--Water level is affected by tidal fluctuation and nearby pumping.

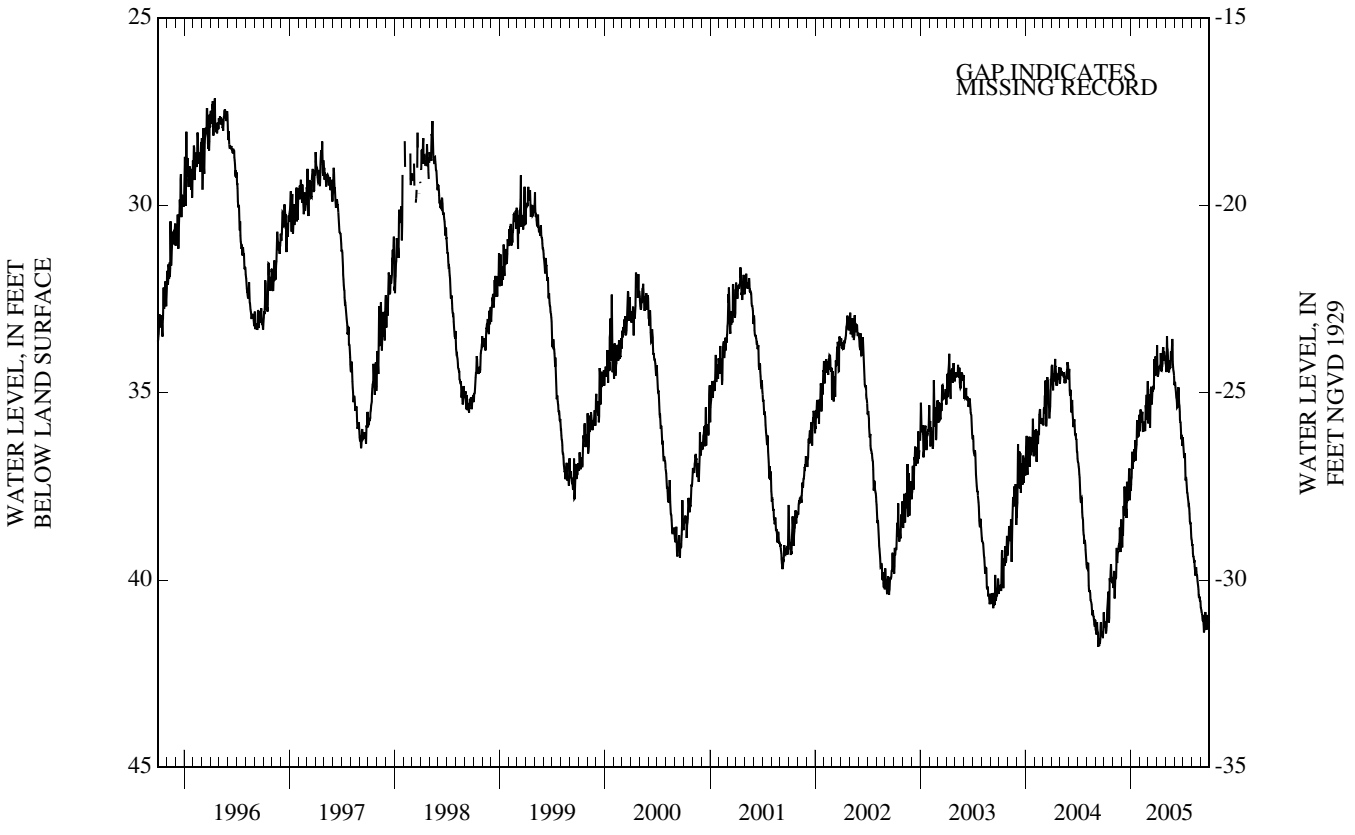
PERIOD OF RECORD.--July 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 24.93 ft below land surface, May 20, 1993; lowest, 42.57 ft below land surface, Sept. 16, 2004.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	41.16	40.13	38.82	36.94	35.62	35.42	34.57	34.45	34.85	36.72	39.29	40.89
10	41.07	39.94	37.51	36.78	35.51	35.53	34.33	34.00	35.26	37.32	39.46	41.09
15	40.31	39.55	38.13	36.82	35.91	35.31	33.94	34.22	34.88	37.59	39.83	40.99
20	39.95	39.10	37.64	36.48	36.02	34.85	34.29	33.92	35.51	37.92	39.94	41.30
25	39.68	38.73	37.41	36.20	35.06	34.41	34.03	33.56	36.19	38.45	40.40	41.16
EOM	39.99	38.71	37.45	35.59	35.15	34.46	34.04	34.55	36.37	38.91	40.56	41.13
MEAN	40.57	39.42	37.95	36.53	35.68	34.93	34.20	34.13	35.41	37.59	39.83	41.07
MAX	41.43	40.49	39.13	37.61	36.04	35.94	34.57	34.55	36.42	38.91	40.56	41.40
MIN	39.58	38.39	37.02	35.59	35.06	34.03	33.73	33.49	34.66	36.19	38.94	40.73

WTR YR 2005 MEAN 37.29 HIGH 33.49 MAY 7 LOW 41.43 OCT 7



09-510 Belleplain Mw 44

NJ-WRD Well Number, 09-510. Site I.D., 391145074520401. Local I.D., Belleplain Mw 44. NJ Permit Number, 35-20735.

LOCATION.--Lat 39°11'45", long 74°52'03", Hydrologic Unit 02040206, in Belleplain State Forest, Old Robbins Trail, Dennis Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 2 in., depth 11 ft, screened 6 to 11 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 10 ft above NGVD of 1929, from topographic map. Measuring point: Top of protective casing, 1.95 ft above land surface.

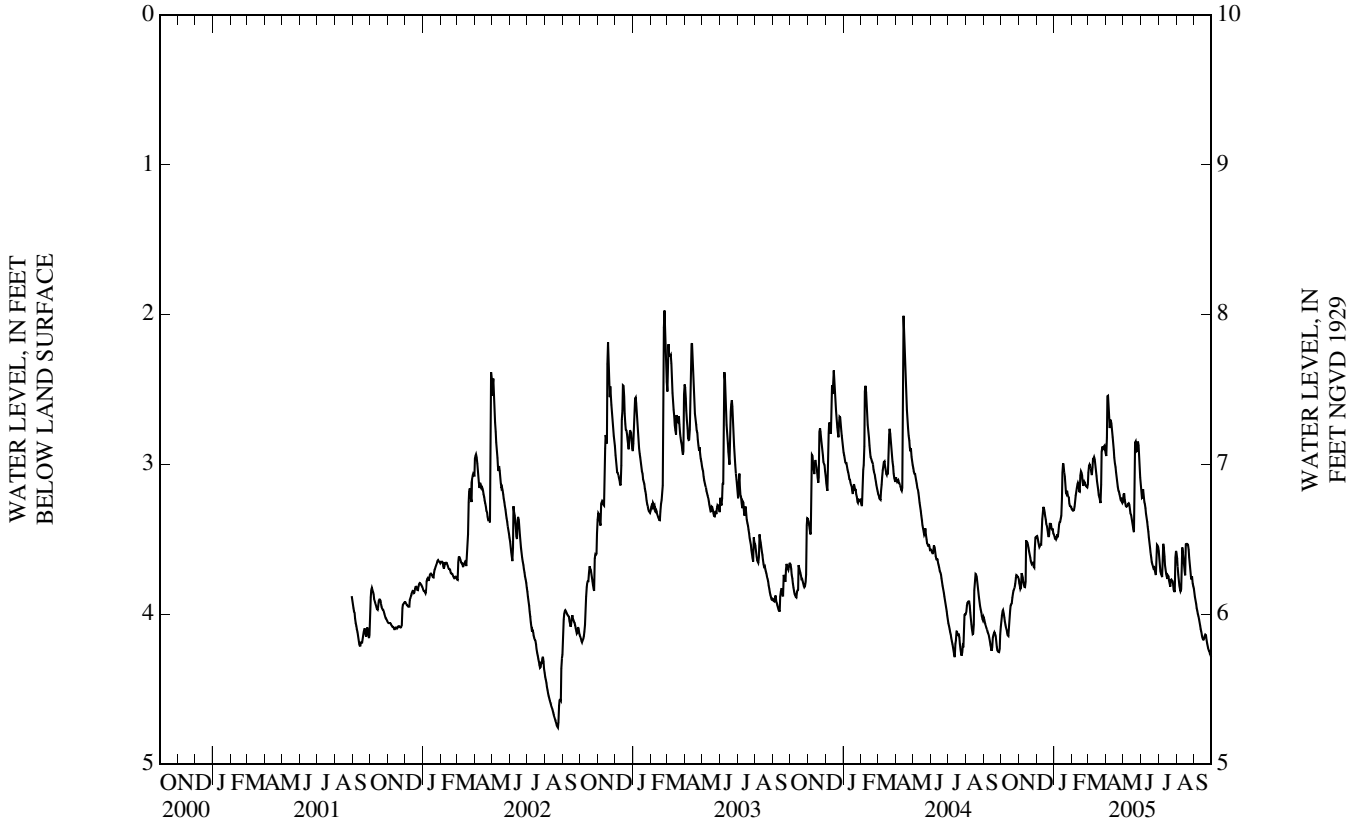
PERIOD OF RECORD.--Aug. 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.90 ft below land surface, Feb. 23, 2003; lowest, 4.76 ft below land surface, Aug. 22-24, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.99	3.73	3.54	3.49	3.28	3.03	2.62	3.28	3.21	3.73	3.78	3.96
10	4.10	3.82	3.44	3.39	3.13	2.96	2.73	3.26	3.36	3.56	3.69	4.06
15	4.04	3.52	3.32	3.06	3.07	3.08	2.96	3.36	3.53	3.75	3.71	4.16
20	3.89	3.62	3.44	3.13	3.14	3.22	3.12	3.20	3.67	3.79	3.53	4.14
25	3.80	3.65	3.40	3.21	3.15	2.89	3.22	2.91	3.72	3.78	3.71	4.23
EOM	3.76	3.49	3.47	3.30	3.13	2.92	3.25	3.14	3.55	3.58	3.83	4.29
MEAN	3.94	3.67	3.44	3.29	3.17	3.03	2.96	3.17	3.48	3.72	3.69	4.11
MAX	4.15	3.83	3.55	3.50	3.31	3.26	3.26	3.45	3.74	3.85	3.85	4.29
MIN	3.74	3.49	3.28	2.99	3.05	2.88	2.54	2.85	3.17	3.53	3.53	3.86

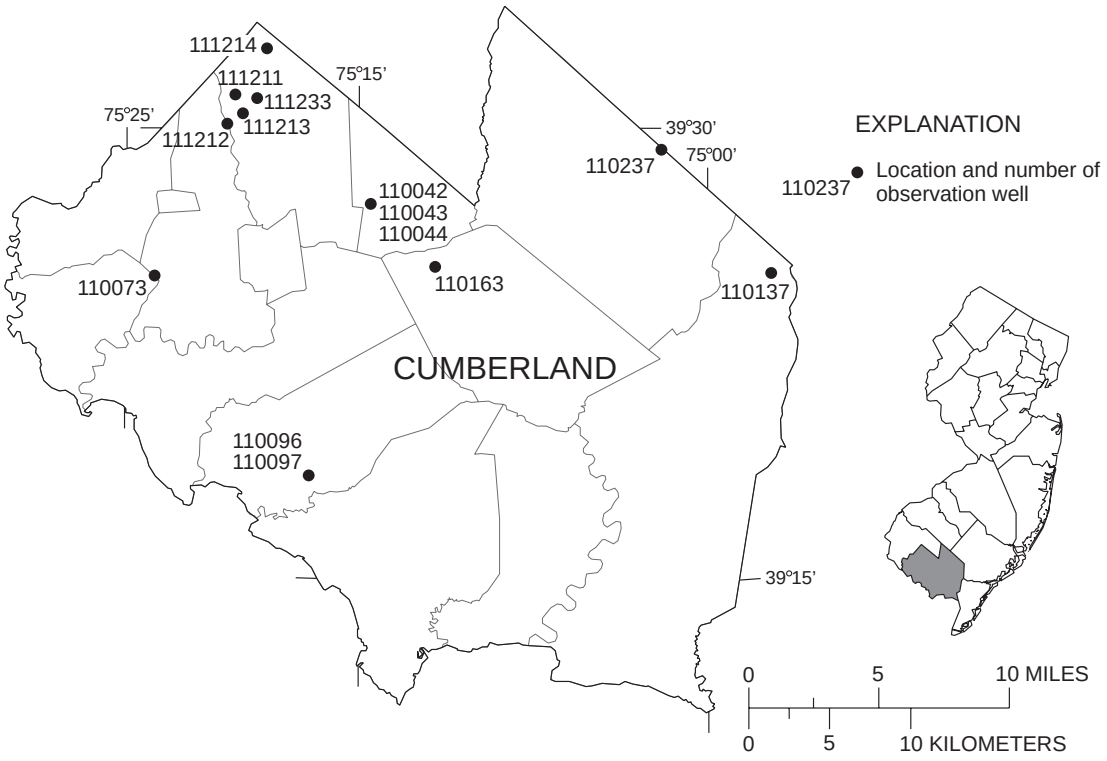
WTR YR 2005 MEAN 3.47 HIGH 2.54 APR 4 LOW 4.29 SEP 30



CUMBERLAND COUNTY

NJ-WRD well number	Local identifier	Township	Well depth	Aquifer	Type of data
110042	VOCATIONAL SCHOOL 2 OBS	DEERFIELD TWP	47	CKKD	DAILY
110043	VOCATIONAL SCHOOL 1 OBS	DEERFIELD TWP	138	CKKD	MANUAL
110044	VOCATIONAL SCHOOL 3 OBS	DEERFIELD TWP	376	PNPN	MANUAL
110073	SHEPPARDS 2 OBS	GREENWICH TWP	40	CKKD	MANUAL
110096	JONES ISLAND 2 OBS	LAWRENCE TWP	375	PNPN	DAILY
110097	JONES ISLAND 1 OBS	LAWRENCE TWP	171	CKKD	MANUAL
110137	RAGOVIN 2100 OBS	MAURICE RIVER TWP	2093	MRPA	DAILY
110163	FAIR GROUNDS 3 OBS	MILLVILLE CITY	473	PNPN	MANUAL
110237	NATURAL AREA 1 OBS	VINELAND CITY	81	CKKD	DAILY
111211	UDMW01	DEERFIELD TWP	22.18	CKKD	DAILY
111212	UDMW03	DEERFIELD TWP	25	CKKD	DAILY
111213	UDMW02	DEERFIELD TWP	35	CKKD	DAILY
111214	UDMW04	DEERFIELD TWP	44	CKKD	DAILY
111233	UDMW05	DEERFIELD TWP	35	CKKD	DAILY

Aquifer names
- CKKD - Kirkwood-Cohansey aquifer system
- MRPA - Potomac-Raritan-Magothy Aquifer
- PNPN - Piney Point aquifer



11-0042 Vocational School 2 Obs

NJ-WRD Well Number, 11-0042. Site I.D., 392731075092401. Local I.D., Vocational School 2 Obs. NJ Permit Number, 35-01145.

LOCATION.--Lat 39°27'32", long 75°09'28", Hydrologic Unit 02040206, next to the Cumberland County Technical Education Center, Bridgeton Ave., Deerfield Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 4 in., depth 47 ft, screened 42 to 47 ft.

INSTRUMENTATION.--Data collection platform with satellite telemetry--60 minute recording interval. Submersible logger pressure transducer, July 2000 to May 2001. Water-level recorder, July 1987 to July 2000. Periodic measurements, Mar. 1972 to July 1987.

DATUM.--Land surface is 81.77 ft above NGVD of 1929. Measuring point: Top of casing, 1.90 ft above land surface.

REMARKS.--Water level is occasionally affected by pumping from nearby irrigation well.

PERIOD OF RECORD.--Mar. 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.40 ft below land surface, Apr. 21, 1972; lowest, 10.10 ft below land surface, Oct. 10, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.71	5.59	5.24	5.25	5.11	4.94	4.23	4.45	4.76	5.28	5.78	6.27
10	5.80	5.73	5.07	5.20	4.95	4.92	4.04	4.52	4.94	5.03	5.60	6.38
15	5.85	5.49	5.21	4.97	4.92	5.00	4.22	4.56	5.04	5.26	5.78	6.45
20	5.60	5.55	5.23	4.90	4.98	4.99	4.22	4.55	5.18	5.40	5.82	6.54
25	5.69	5.54	5.20	4.97	4.96	4.84	4.32	4.60	5.31	5.53	6.00	6.66
EOM	5.76	5.25	5.27	5.09	4.87	4.67	4.31	4.77	5.18	5.63	6.06	6.72
MEAN	5.75	5.59	5.20	5.09	5.00	4.90	4.23	4.53	5.04	5.33	5.82	6.46
MAX	5.93	5.86	5.29	5.32	5.11	5.05	4.63	4.77	5.34	5.63	6.06	6.72
MIN	5.60	5.25	5.06	4.88	4.87	4.62	4.04	4.27	4.70	4.99	5.60	6.14

WTR YR 2005 MEAN 5.25 HIGH 4.04 APR 10 LOW 6.72 SEP 30

11-0043 Vocational School 1 Obs

NJ-WRD Well Number, 11-0043. Site I.D., 392732075092401. Local I.D., Vocational School 1 Obs. NJ Permit Number, 35-01146.

LOCATION.--Lat 39°27'32", long 75°09'28", Hydrologic Unit 02040206, next to the Cumberland County Technical Education Center, Bridgeton Ave., Deerfield Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 4 in., depth 138 ft, screened 133 to 138 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape.

DATUM.--Land surface is 82.14 ft above NGVD of 1929. Measuring point: Top of base of aluminum locking cap, 0.51 ft above land surface.

REMARKS.--Water level is occasionally affected by pumping from nearby wells.

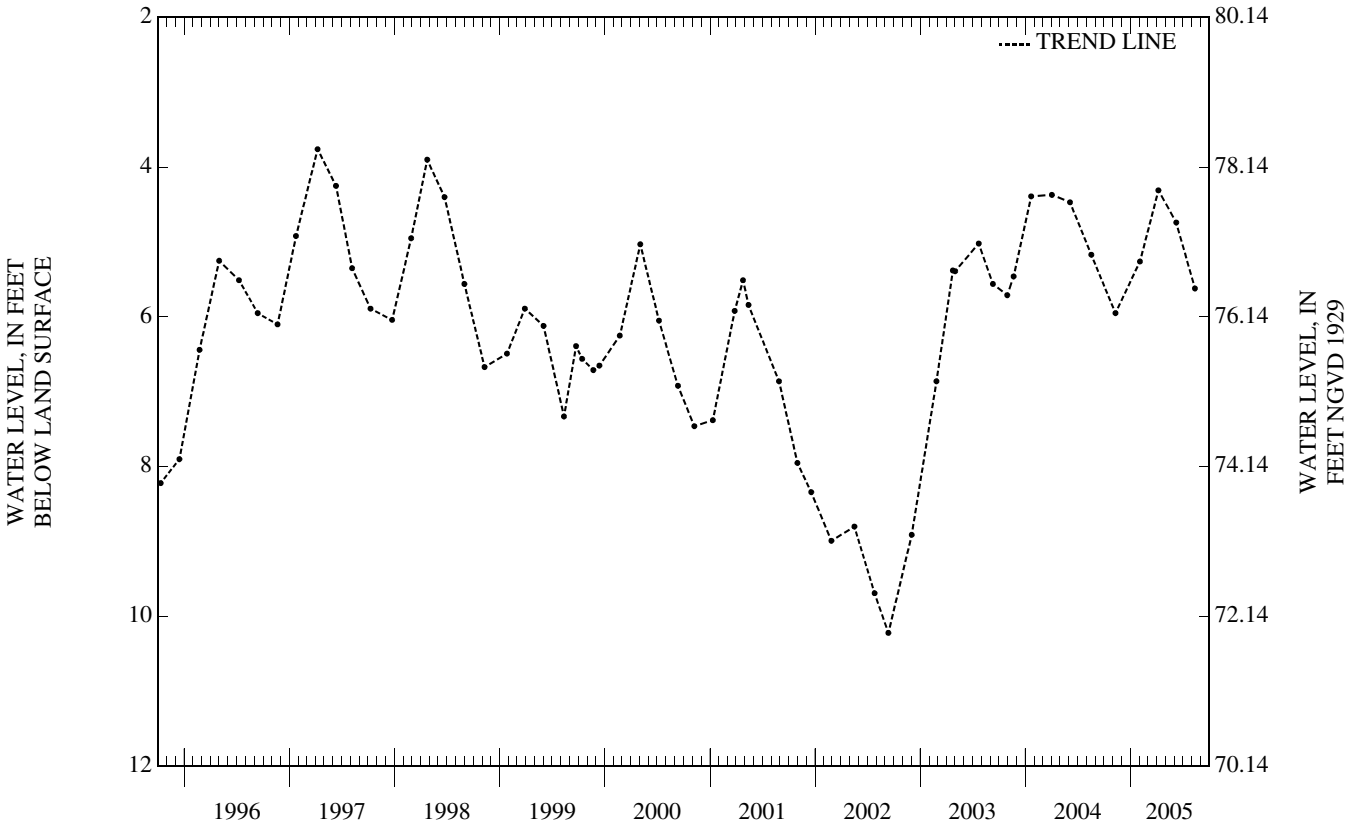
PERIOD OF RECORD.--Mar. 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.31 ft below land surface, Feb. 8, 1973; lowest, 10.22 ft below land surface, Sept. 12, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 09	5.95	FEB 02	5.26	APR 07	4.31	JUN 08	4.74	AUG 12	5.62

WATER YEAR 2005 HIGHEST 4.31 APR 07, 2005 LOWEST 5.95 NOV 09, 2004



11-0044 Vocational School 3 Obs

NJ-WRD Well Number, 11-0044. Site I.D., 392733075092401. Local I.D., Vocational School 3 Obs. NJ Permit Number, 35-01197.

LOCATION.--Lat 39°27'32", long 75°09'28", Hydrologic Unit 02040206, next to the Cumberland County Technical Education Center, Bridgeton Ave., Deerfield Township.

AQUIFER.--Piney Point aquifer of Eocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 376 ft, screened 361 to 376 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape.

DATUM.--Land surface is 81.95 ft above NGVD of 1929. Measuring point: Top of base of aluminum locking cap, 0.31 ft above land surface.

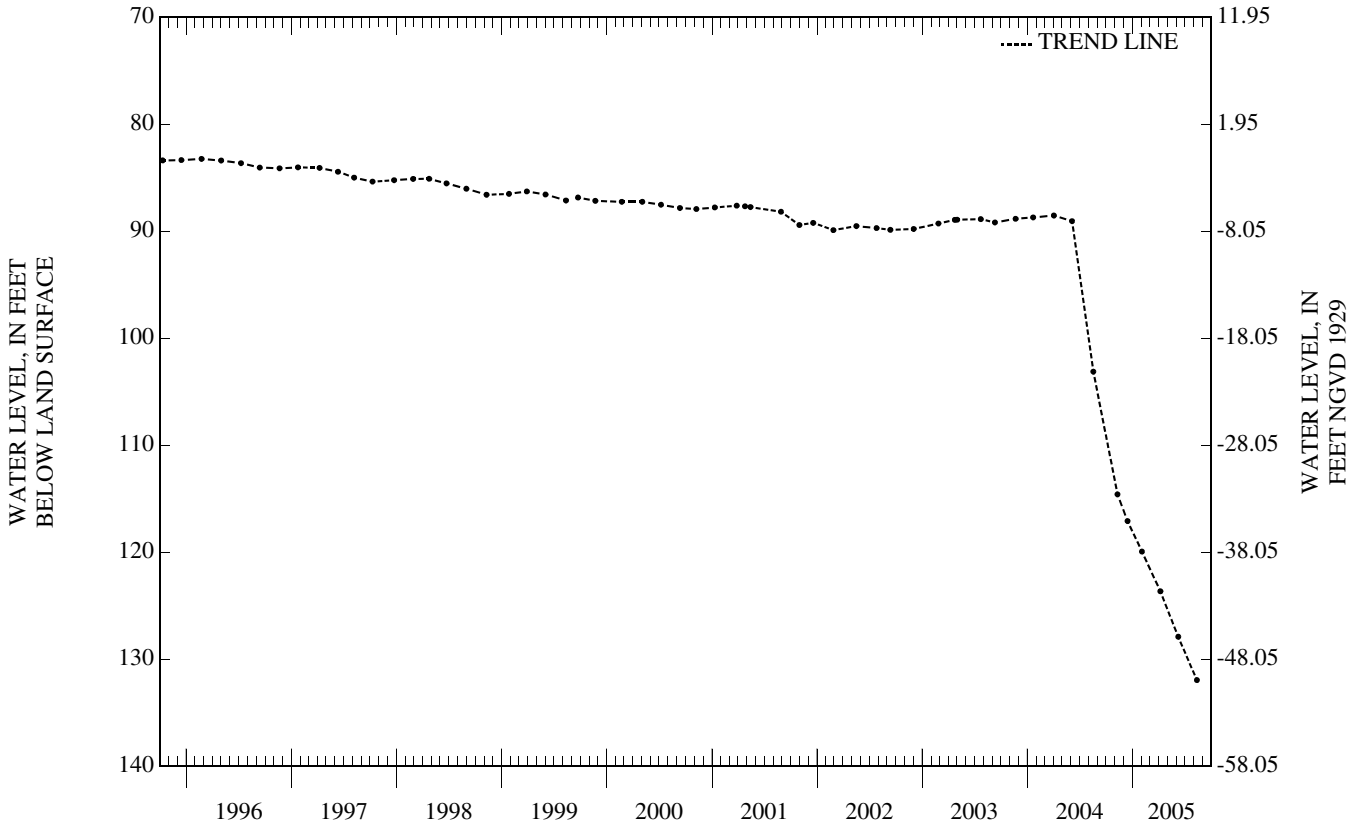
PERIOD OF RECORD.--July 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 58.79 ft below land surface, July 31, 1972; lowest, 131.95 ft below land surface, Aug. 12, 2005.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 09	114.59	DEC 14	117.09	FEB 02	119.94	APR 07	123.65	JUN 08	127.90	AUG 12	131.95

WATER YEAR 2005 HIGHEST 114.59 NOV 09, 2004 LOWEST 131.95 AUG 12, 2005



11-0073 Sheppards 2 Obs

NJ-WRD Well Number, 11-0073. Site I.D., 392508075184601. Local I.D., Sheppards 2 Obs.

LOCATION.--Lat 39°25'08", long 75°18'45", Hydrologic Unit 02040206, at the Holly Shores Girl Scout Camp at Sheppards Mill, Greenwich Rd., Hopewell Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 4 in., depth 40 ft, screened 35 to 40 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape.

DATUM.--Land surface is 37.35 ft above NGVD of 1929. Measuring point: Top of base of aluminum locking cap, 2.61 ft above land surface.

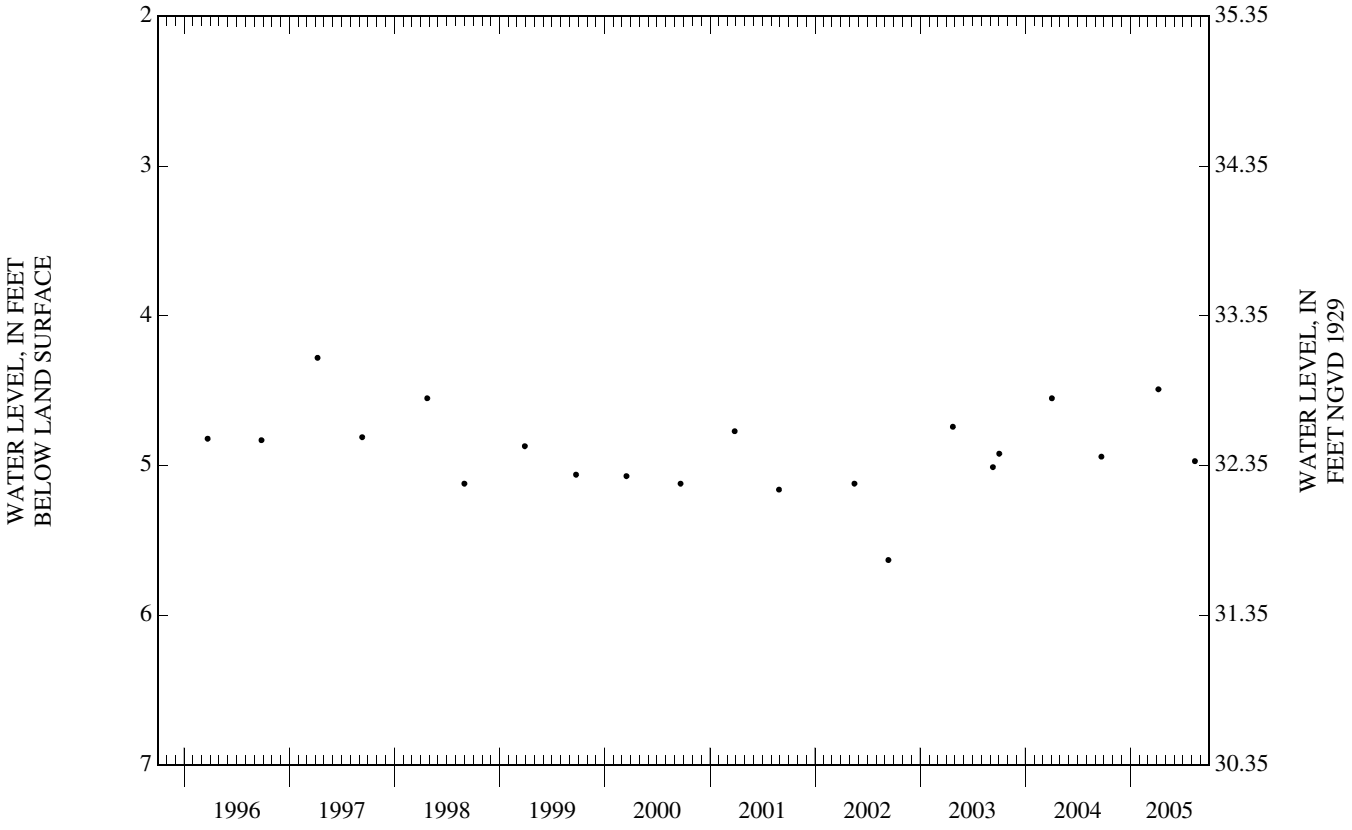
REMARKS.--Water level is affected by the stage of Sheppards Mill Pond.

PERIOD OF RECORD.--Mar. 1973 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 4.00 ft below land surface, May 4, 1973; lowest, 5.63 ft below land surface, Sept. 12, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 07	4.49	AUG 12	4.97



11-0096 Jones Island 2 Obs

NJ-WRD Well Number, 11-0096. Site I.D., 391828075120902. Local I.D., Jones Island 2 Obs. NJ Permit Number, 34-00852.

LOCATION.--Lat 39°18'29", long 75°12'07", Hydrologic Unit 02040206, in Nantuxent Wildlife Management Area, about 1.7 mi south of Cedarville, Lawrence Township.

AQUIFER.--Piney Point aquifer of Eocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 375 ft, screened 365 to 375 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements, Mar. 1972 to Mar. 1977.

DATUM.--Land surface is 10.10 ft above NGVD of 1929. Measuring point: Top of shelf, 1.90 ft above land surface.

REMARKS.--Water level is affected by tidal fluctuation and regional pumping.

PERIOD OF RECORD.--Mar. 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 12.27 ft below land surface, Apr. 11, 1972; lowest, 56.00 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	45.19	45.91	46.94	47.90	48.76	49.61	50.56	51.54	52.26	53.23	---	55.19
10	45.27	46.30	46.70	48.03	48.73	49.79	50.57	51.47	52.45	53.37	---	55.31
15	45.09	46.37	47.29	48.39	49.11	50.05	50.86	51.62	52.45	53.51	54.43	55.35
20	45.44	46.40	47.34	48.33	49.42	50.12	50.90	51.66	52.80	53.63	54.45	55.54
25	45.51	46.31	47.57	48.38	49.34	50.22	50.91	51.64	52.96	53.71	54.77	55.78
EOM	45.74	46.74	47.83	48.62	49.40	50.42	51.11	52.17	53.02	---	54.77	55.95
MEAN	45.38	46.30	47.20	48.25	49.08	49.93	50.73	51.62	52.60	---	---	55.44
MAX	45.79	46.74	47.83	48.76	49.55	50.42	51.15	52.17	53.03	---	---	55.95
MIN	45.00	45.89	46.61	47.79	48.69	49.17	50.05	51.18	52.22	---	---	54.91

11-0097 Jones Island 1 Obs

NJ-WRD Well Number, 11-0097. Site I.D., 391830075120801. Local I.D., Jones Island 1 Obs. NJ Permit Number, 34-00845.

LOCATION.--Lat 39°18'29", long 75°12'07", Hydrologic Unit 02040206, in Nantuxent Wildlife Management Area, about 1.7 mi south of Cedarville, Lawrence Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 4 in., depth 171 ft, screened 166 to 171 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape.

DATUM.--Land surface is 10.10 ft above NGVD of 1929. Measuring point: Top of base of aluminum locking cap, 3.30 ft above land surface.

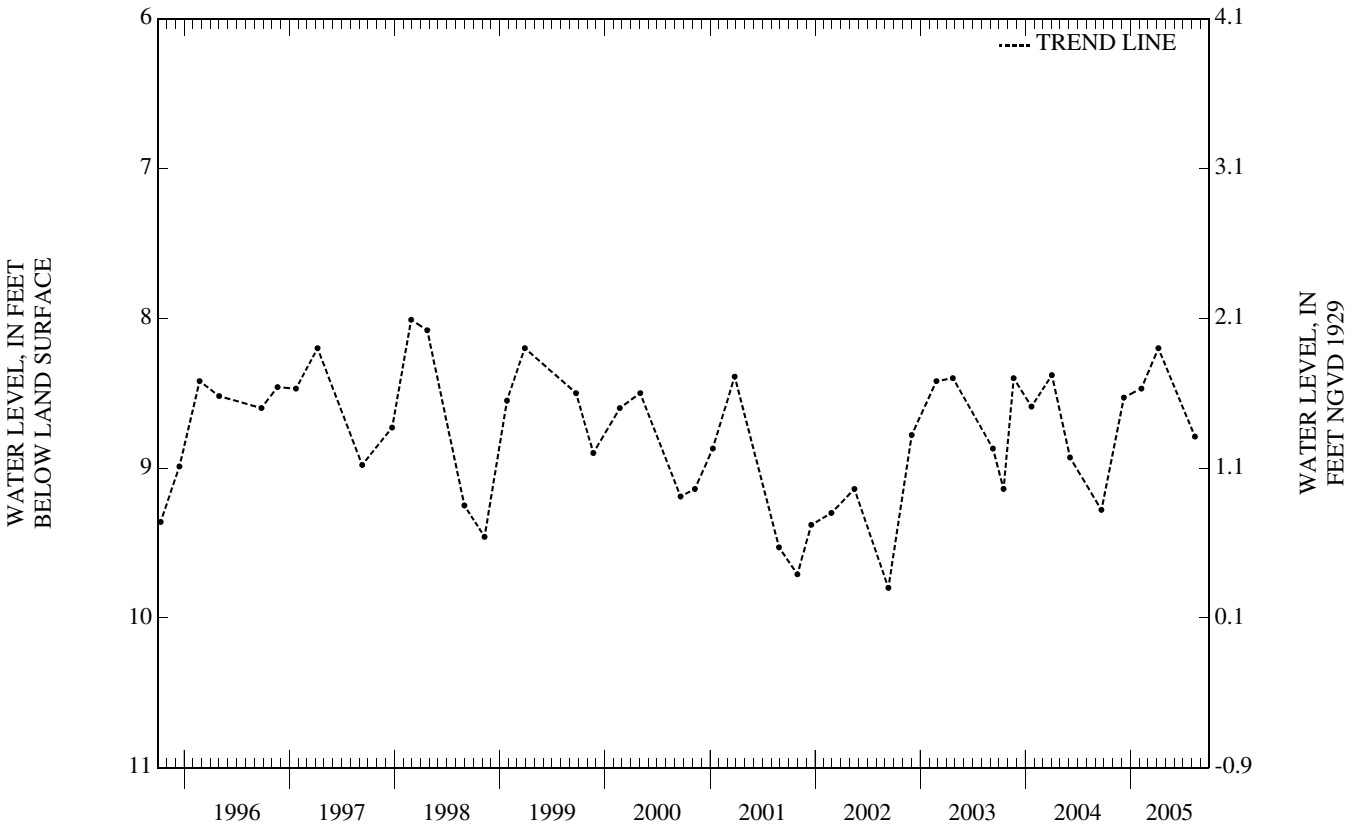
PERIOD OF RECORD.--Mar. 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 7.86 ft below land surface, Feb. 8, 1973; lowest, 10.13 ft below land surface, Sept. 22, 1986.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 08	8.53	FEB 07	8.47	APR 07	8.2	AUG 12	8.79

WATER YEAR 2005 HIGHEST 8.20 APR 07, 2005 LOWEST 8.79 AUG 12, 2005



11-0137 Ragovin 2100 Obs

NJ-WRD Well Number, 11-0137. Site I.D., 392512074521206. Local I.D., Ragovin 2100 Obs.

LOCATION.--Lat 39°25'14", long 74°52'16", Hydrologic Unit 02040302, in wooded area off Harriet Ave., 1.5 mi southeast of Milmay, Maurice River Township.

AQUIFER.--Potomac-Raritan-Magothy aquifer system, undifferentiated, of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 5 in., depth 2,093 ft, perforated casing 2,083 to 2,093 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements, Oct. 1974 to Mar. 1977.

DATUM.--Land surface is 85.00 ft above NGVD of 1929, by altimeter. Measuring point: Top of shelf, 2.40 ft above land surface.

REMARKS.--This well is perforated in a saline zone of the aquifer system. A correction is needed to obtain the equivalent freswater head.

PERIOD OF RECORD.--Oct. 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 115.82 ft below land surface, Apr. 3, 1975; lowest, 140.11 ft below land surface, Jan. 1-2, 1999.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	138.13	137.82	137.84	137.75	137.72	137.48	137.43	137.57	137.35	137.54	137.69	137.94
10	138.05	138.17	137.55	137.74	137.39	137.41	137.31	137.41	137.46	137.52	137.63	137.90
15	137.85	138.07	137.91	137.90	137.57	137.54	137.49	137.29	137.30	137.55	137.70	137.86
20	137.99	137.91	137.71	137.60	137.73	137.52	137.28	137.33	137.61	137.56	137.70	137.90
25	137.99	137.62	137.83	137.54	137.57	137.47	137.19	137.23	137.61	137.58	137.84	138.00
EOM	137.89	137.89	137.88	137.71	137.41	137.49	137.30	137.39	137.45	137.71	137.60	137.98
MEAN	138.03	137.94	137.78	137.73	137.61	137.43	137.31	137.35	137.46	137.56	137.70	137.88
MAX	138.21	138.17	137.95	137.95	137.79	137.59	137.55	137.57	137.63	137.71	137.84	138.00
MIN	137.85	137.62	137.49	137.46	137.39	137.16	137.09	137.18	137.30	137.40	137.60	137.70

WTR YR 2005 MEAN 137.65 HIGH 137.09 APR 3 LOW 138.21 OCT 7

11-0163 Fair Grounds 3 Obs

NJ-WRD Well Number, 11-0163. Site I.D., 392528075064101. Local I.D., Fair Grounds 3 Obs. NJ Permit Number, 35-01196.

LOCATION.--Lat 39°25'26", long 75°06'42", Hydrologic Unit 02040206, at the Cumberland County Fairgrounds, between Carmel and Morais Avenues, Millville City.

AQUIFER.--Piney Point aquifer of Eocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 473 ft, screened 463 to 473 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape.

DATUM.--Land surface is 80 ft above NGVD of 1929, from topographic map. Measuring point: Top of base of aluminum locking cap, 3.34 ft above land surface.

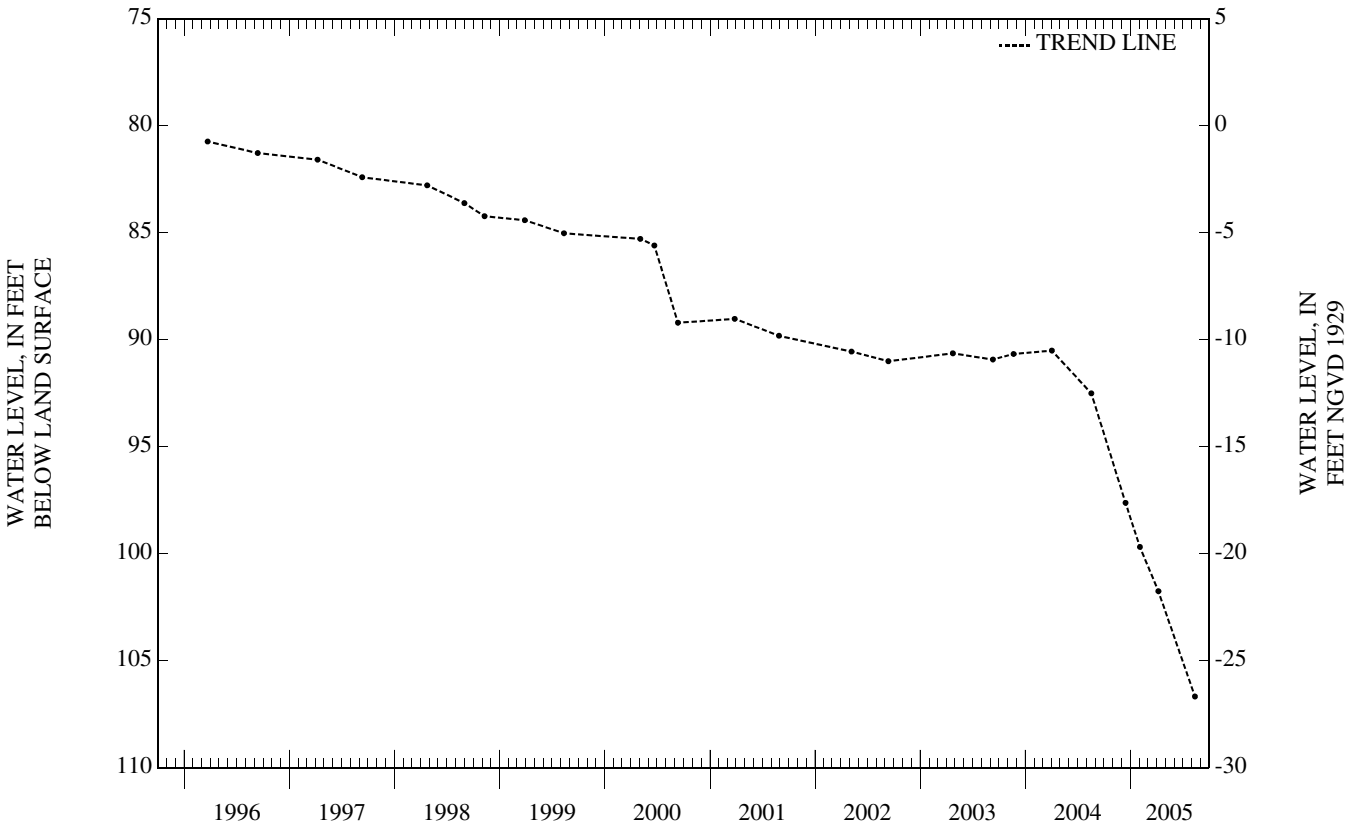
PERIOD OF RECORD.--May 1973 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 54.62 ft below land surface, May 4, 1973; lowest, 106.68 ft below land surface, Aug. 12, 2005.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 14	97.63	FEB 02	99.69	APR 07	101.76	AUG 12	106.68

WATER YEAR 2005 HIGHEST 97.63 DEC 14, 2004 LOWEST 106.68 AUG 12, 2005



11-0237 Natural Area 1 Obs

NJ-WRD Well Number, 11-0237. Site I.D., 392920074570001. Local I.D., Natural Area 1 Obs. NJ Permit Number, 35-01165.

LOCATION.--Lat 39°29'20", long 74°56'59", Hydrologic Unit 02040206, in the Willow Oak Natural Area, about 600 ft east of the intersection of Maple Ave. and Lincoln Ave., Vineland City.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 4 in., depth 81 ft, screened 76 to 81 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Periodic measurements, Apr. 1972 to Mar. 2001.

DATUM.--Land surface is 88.00 ft above NGVD of 1929, by altimeter. Measuring point: Top of base of aluminum locking cap, 0.98 ft above land surface.

REMARKS.--Water level is affected by pumping from nearby irrigation wells.

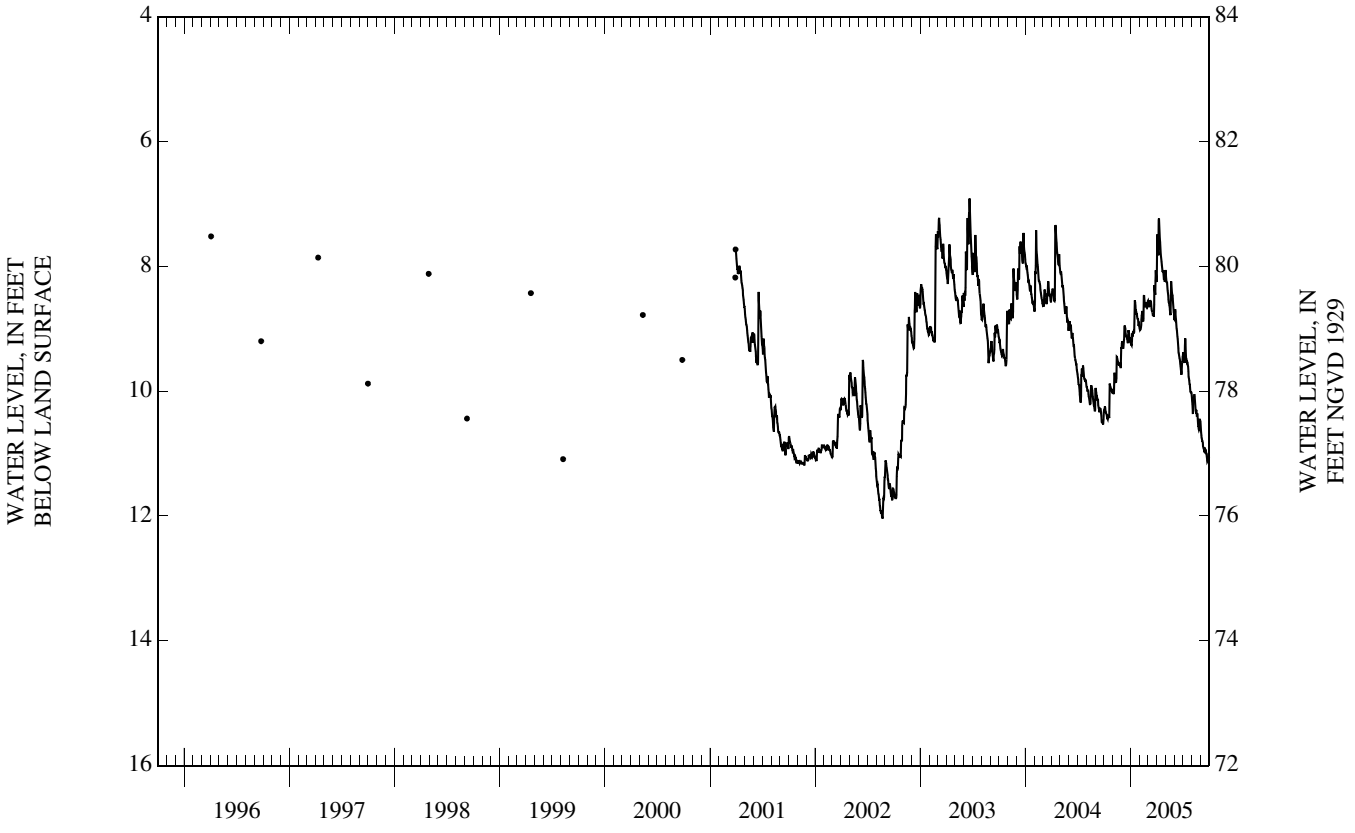
PERIOD OF RECORD.--Apr. 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 6.88 ft below land surface, June 21, 2003; lowest, 12.06 ft below land surface, Aug. 22, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	10.31	9.71	9.30	9.20	8.99	8.63	7.74	8.25	8.73	9.54	10.37	10.76
10	10.40	9.85	8.98	9.04	8.72	8.57	7.37	8.43	9.03	9.25	10.05	10.89
15	10.40	9.48	9.12	8.55	8.47	8.70	7.81	8.63	9.31	9.54	10.33	10.90
20	9.88	9.57	9.18	8.72	8.65	8.77	8.03	8.55	9.48	9.69	10.36	10.99
25	9.98	9.55	9.05	8.84	8.66	8.35	8.15	8.46	9.69	9.90	10.60	11.12
EOM	9.98	9.32	9.21	8.99	8.61	8.22	8.19	8.76	9.46	10.03	10.48	11.07
MEAN	10.20	9.65	9.15	8.94	8.74	8.55	7.86	8.46	9.25	9.63	10.33	10.93
MAX	10.45	10.05	9.32	9.27	9.02	8.81	8.25	8.78	9.74	10.03	10.62	11.13
MIN	9.88	9.30	8.95	8.55	8.46	8.06	7.23	8.06	8.69	9.15	10.05	10.58

WTR YR 2005 MEAN 9.31 HIGH 7.23 APR 9 LOW 11.13 SEP 24



11-1211 UDMW01

NJ-WRD Well Number, 11-1211. Site I.D., 393104075150801. Local I.D., UDMW01. NJ Permit Number, 34-07097.

LOCATION.--Lat 39°31'10", long 75°15'08", Hydrologic Unit 02040206, near intersection of Deerfield Rd. and Center Rd., Deerfield Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 2 in., depth 22.18 ft, screened 18.18 to 22.18 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60-minute recording interval.

DATUM.--Land surface is 104.69 ft above NGVD of 1929. Measuring point: Top of PVC casing, 4.84 ft above land surface.

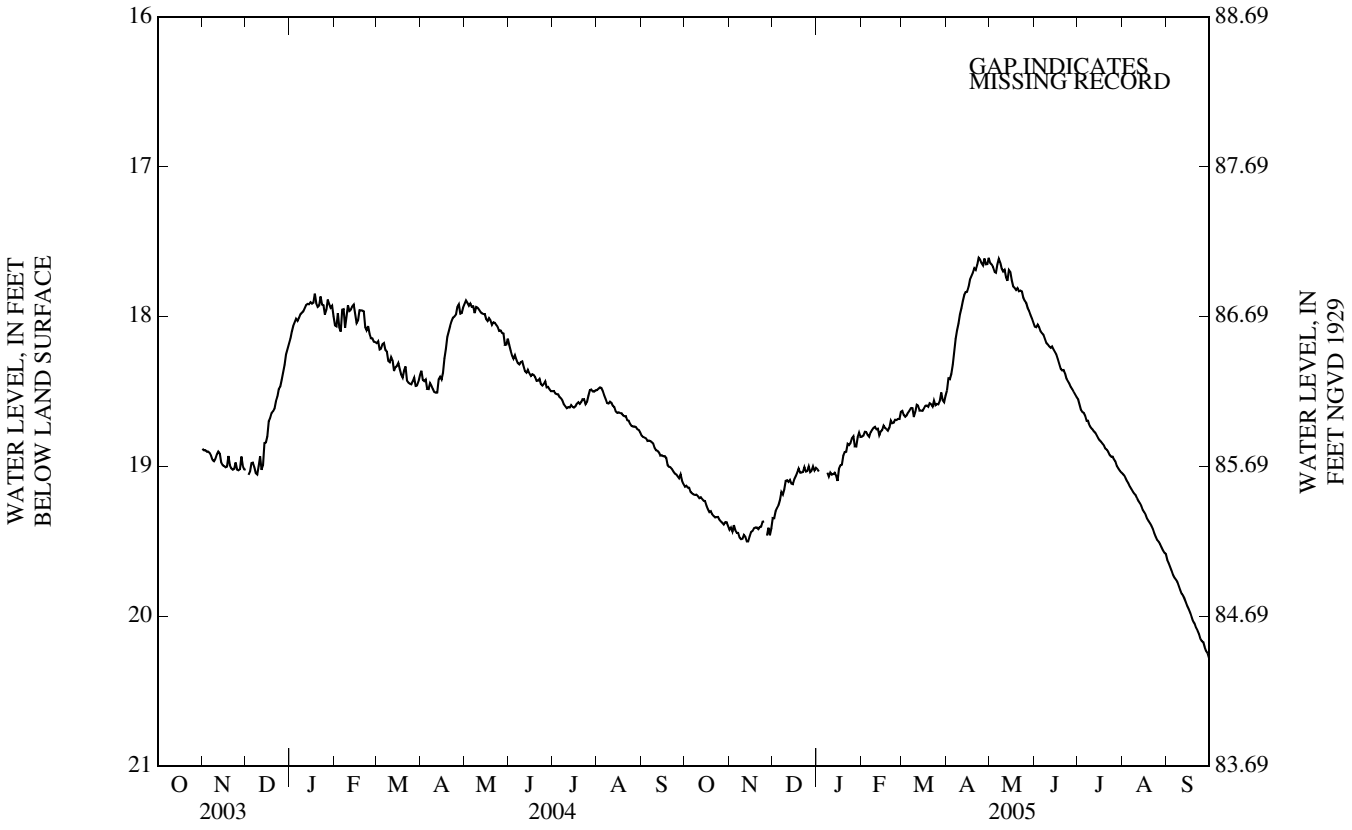
REMARKS.--Data is collected for the Unsaturated Zone Project.

PERIOD OF RECORD.--Oct. 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 17.59 ft below land surface, Apr. 23, 24, 30, 2005; lowest, 20.29 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	19.17	19.43	19.26	---	18.79	18.64	18.32	17.71	18.10	18.64	19.11	19.72
10	19.20	19.48	19.10	19.04	18.74	18.64	17.98	17.70	18.19	18.74	19.19	19.83
15	19.23	19.47	19.12	19.10	18.76	18.63	17.83	17.70	18.24	18.81	19.29	19.93
20	19.32	19.41	19.04	18.90	18.74	18.58	17.68	17.81	18.36	18.88	19.38	20.05
25	19.36	19.37	19.03	18.81	18.69	18.58	17.64	17.89	18.45	18.93	19.49	20.17
EOM	19.40	19.41	19.01	18.80	18.64	18.53	17.61	18.04	18.54	19.04	19.59	20.28
MEAN	19.27	---	19.11	---	18.74	18.60	17.90	17.78	18.28	18.82	19.31	19.95
MAX	19.40	---	19.35	---	18.80	18.67	18.49	18.04	18.54	19.04	19.59	20.28
MIN	19.13	---	19.00	---	18.64	18.51	17.61	17.61	18.05	18.55	19.05	19.62



11-1212 UDMW03

NJ-WRD Well Number, 11-1212. Site I.D., 393013075152802. Local I.D., UDMW03. NJ Permit Number, 34-07098.

LOCATION.--Lat 39°30'13", long 75°15'28", Hydrologic Unit 02040206, near intersection of Harmony Rd. and Cake Rd., Deerfield Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 2 in., depth 25 ft, screened 20 to 25 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60-minute recording interval.

DATUM.--Land surface is 74.71 ft above NGVD of 1929. Measuring point: Top of PVC casing, 3.87 ft above land surface.

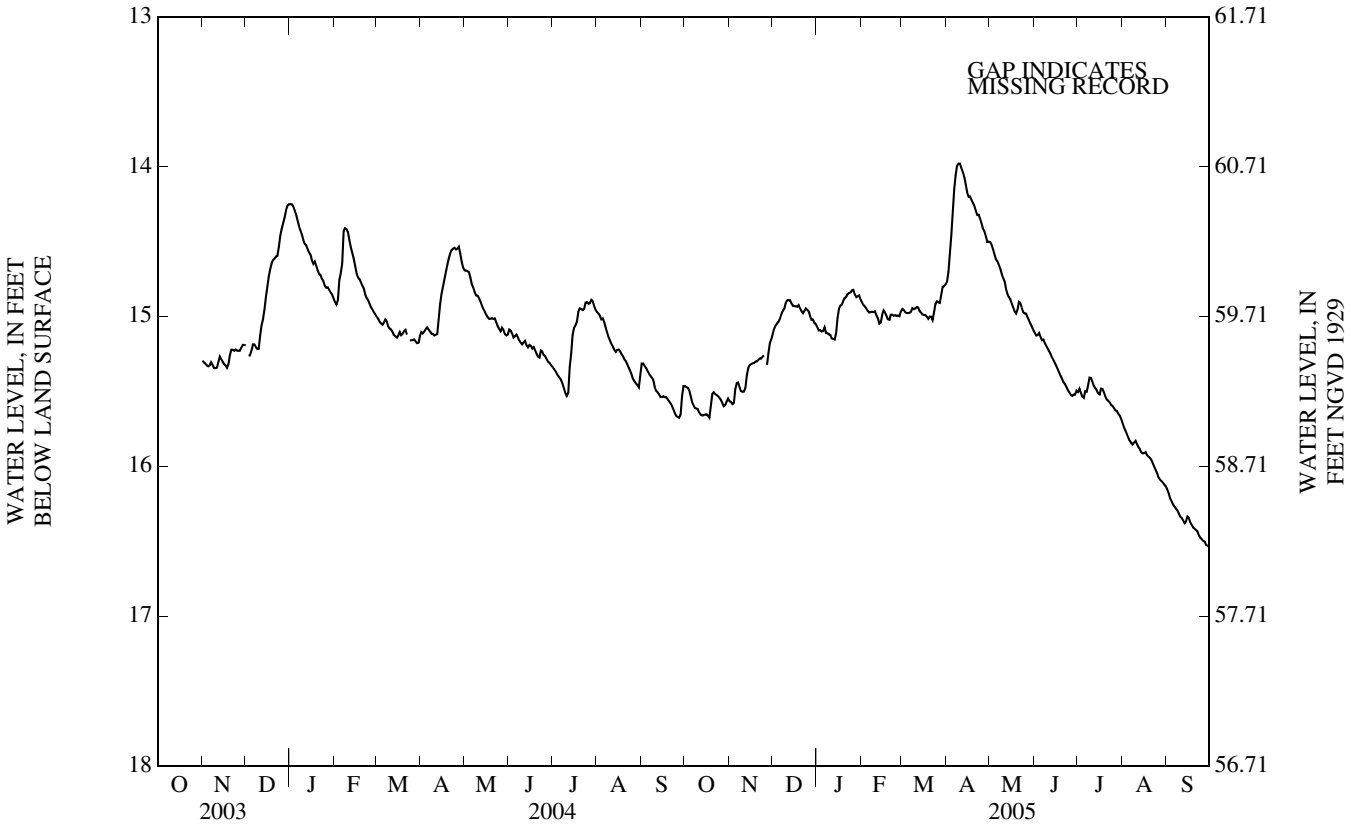
REMARKS.--Data is collected for the Unsaturated Zone Project.

PERIOD OF RECORD.--Oct. 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 13.97 ft below land surface, Apr. 9-10, 2005, Jan. 1-2, 2004; lowest, 16.55 ft below land surface, Sept. 28, 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	15.53	15.48	15.04	15.10	14.96	14.98	14.30	14.62	15.14	15.54	15.81	16.25
10	15.62	15.50	14.91	15.12	14.96	14.95	13.98	14.74	15.21	15.41	15.83	16.34
15	15.65	15.33	14.93	15.01	14.99	14.99	14.17	14.88	15.31	15.51	15.91	16.34
20	15.52	15.30	14.95	14.88	15.02	15.00	14.26	14.95	15.42	15.53	15.94	16.42
25	15.54	15.26	14.96	14.82	15.00	14.90	14.38	14.98	15.51	15.60	16.05	16.49
EOM	15.55	15.15	15.05	14.89	14.97	14.79	14.50	15.09	15.49	15.68	16.13	16.54
MEAN	15.58	---	14.98	14.98	14.98	14.94	14.28	14.84	15.32	15.53	15.93	16.37
MAX	15.68	---	15.12	15.15	15.05	15.02	14.77	15.09	15.53	15.68	16.13	16.54
MIN	15.46	---	14.89	14.82	14.91	14.79	13.98	14.50	15.11	15.41	15.71	16.15



11-1213 UDMW02

NJ-WRD Well Number, 11-1213. Site I.D., 393033075145302. Local I.D., UDMW02. NJ Permit Number, 34-07099.

LOCATION.--Lat 39°30'33", long 75°14'53", Hydrologic Unit 02040206, near intersection of Center Rd. and Harmony Rd., Deerfield Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 2 in., depth 35 ft, screened 30 to 35 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60-minute recording interval.

DATUM.--Land surface is 97.94 ft above NGVD of 1929. Measuring point: Top of PVC casing, 4.09 ft above land surface.

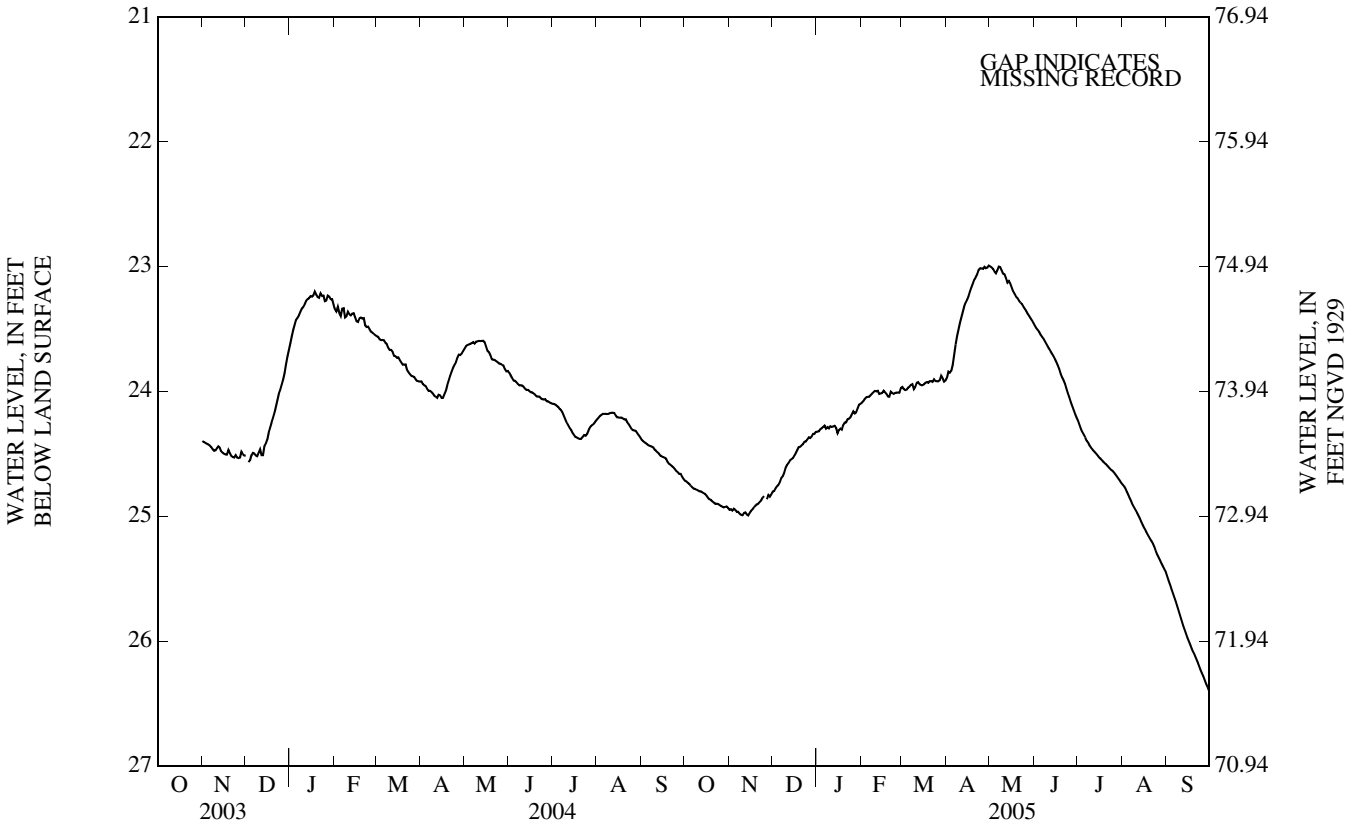
REMARKS.--Data is collected for the Unsaturated Zone Project.

PERIOD OF RECORD.--Oct. 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 22.98 ft below land surface, Apr. 30, May 1, 2005; lowest, 26.41 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	24.76	24.95	24.75	24.28	24.04	23.97	23.79	23.05	23.54	24.35	24.83	25.62
10	24.79	24.99	24.61	24.28	24.00	23.96	23.45	23.06	23.64	24.45	24.95	25.80
15	24.82	24.97	24.53	24.33	24.01	23.95	23.27	23.14	23.74	24.52	25.07	25.97
20	24.88	24.90	24.44	24.25	24.04	23.92	23.10	23.25	23.89	24.58	25.18	26.11
25	24.91	24.84	24.39	24.18	24.01	23.92	23.01	23.34	24.05	24.64	25.31	26.26
EOM	24.93	24.82	24.32	24.10	23.97	23.91	22.99	23.45	24.21	24.73	25.45	26.40
MEAN	24.84	---	24.53	24.25	24.02	23.94	23.33	23.19	23.79	24.52	25.09	25.96
MAX	24.93	---	24.80	24.33	24.09	23.99	23.89	23.45	24.21	24.73	25.45	26.40
MIN	24.72	---	24.32	24.10	23.97	23.87	22.99	23.00	23.47	24.23	24.75	25.48



11-1214 UDMW04

NJ-WRD Well Number, 11-1214. Site I.D., 393238075134701. Local I.D., UDMW04. NJ Permit Number, 30-16691.

LOCATION.--Lat 39°32'38", long 75°13'47", Hydrologic Unit 02040206, at Griers Ln., Deerfield Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 2 in., depth 44 ft, screened 39 to 44 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60-minute recording interval.

DATUM.--Land surface is 140.74 ft above NGVD of 1929. Measuring point: top of PVC casing, 3.05 ft above land surface.

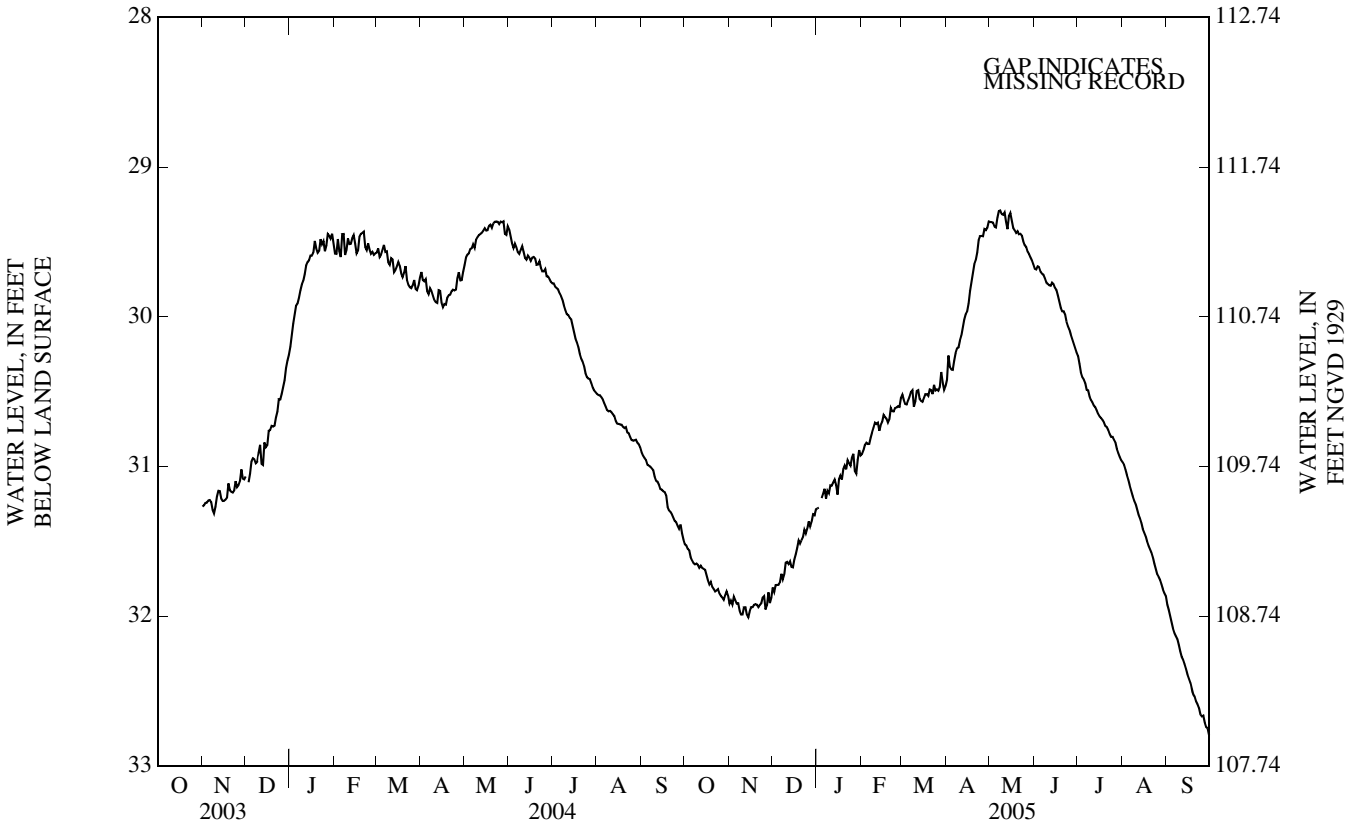
REMARKS.--Data is collected for the Unsaturated Zone Project.

PERIOD OF RECORD.--Oct. 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 29.28 ft below land surface, May 7-8, 2005; lowest, 32.81 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	31.60	31.89	31.79	31.18	30.85	30.56	30.35	29.40	29.70	30.42	31.09	32.08
10	31.66	31.99	31.64	31.13	30.71	30.56	30.16	29.32	29.78	30.55	31.25	32.23
15	31.69	31.97	31.67	31.19	30.70	30.57	29.96	29.31	29.81	30.65	31.42	32.39
20	31.80	31.92	31.51	30.99	30.68	30.48	29.65	29.43	29.96	30.73	31.55	32.53
25	31.85	31.86	31.41	30.94	30.61	30.48	29.46	29.52	30.08	30.80	31.72	32.67
EOM	31.86	31.87	31.28	30.92	30.54	30.46	29.36	29.65	30.24	30.96	31.86	32.79
MEAN	31.73	31.92	31.58	---	30.72	30.51	29.88	29.42	29.88	30.64	31.43	32.38
MAX	31.89	32.01	31.84	---	30.91	30.60	30.42	29.65	30.24	30.96	31.86	32.79
MIN	31.52	31.84	31.28	---	30.54	30.37	29.36	29.29	29.66	30.26	30.97	31.92



11-1233 UDMW05

NJ-WRD Well Number, 11-1233. Site I.D., 393101075141702. Local I.D., UDMW05. NJ Permit Number, 34-07181.

LOCATION.--Lat 39°31'01", long 75°14'17", Hydrologic Unit 02040206, near Old Deerfield Pike, Deerfield Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 2 in., depth 35 ft, screened 30 to 35 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60-minute recording interval.

DATUM.--Land surface is 113.95 ft above NGVD of 1929. Measuring point: Top of PVC casing, 3.12 ft above land surface.

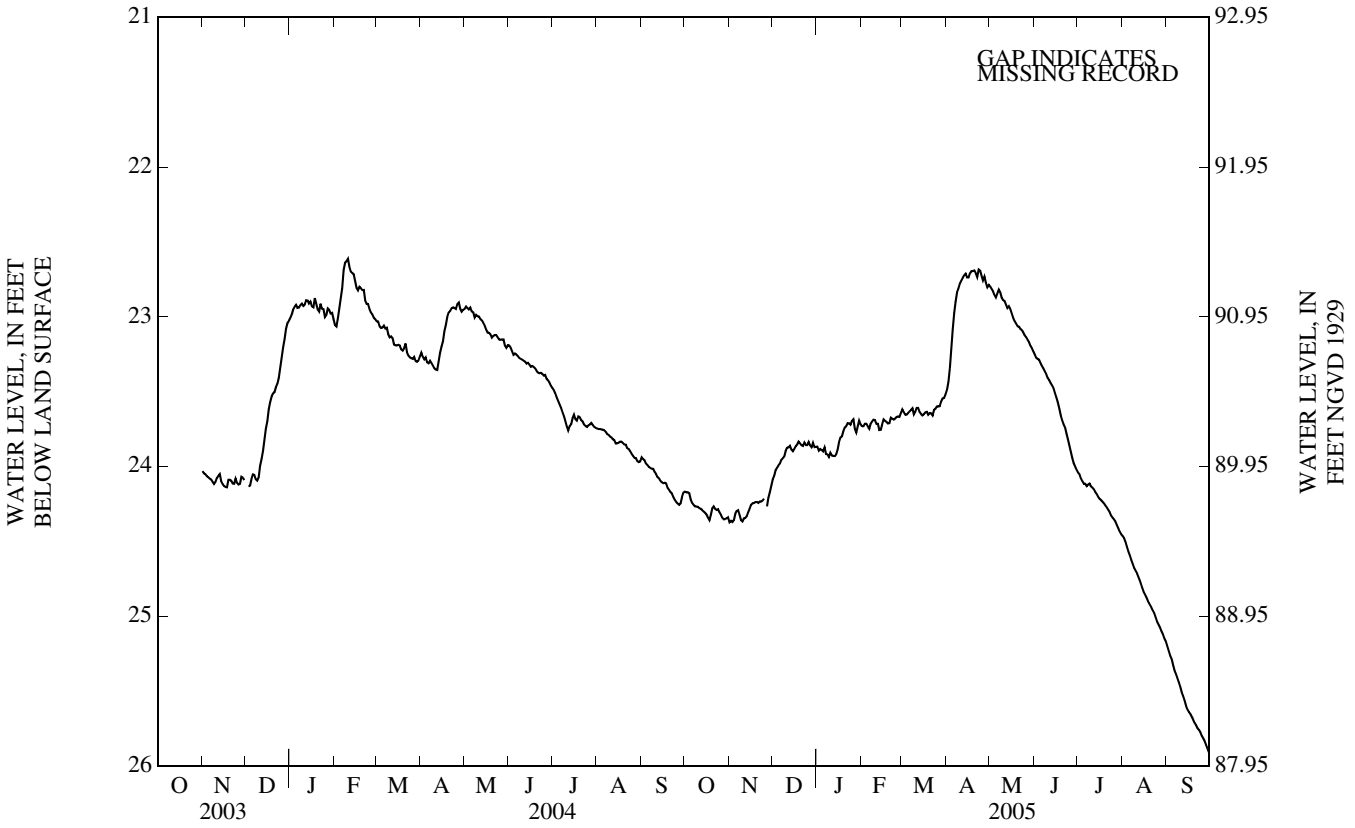
REMARKS.--Data is collected for the Unsaturated Zone Project.

PERIOD OF RECORD.--Oct. 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 22.59 ft below land surface, Feb. 10, 2004; lowest, 25.93 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

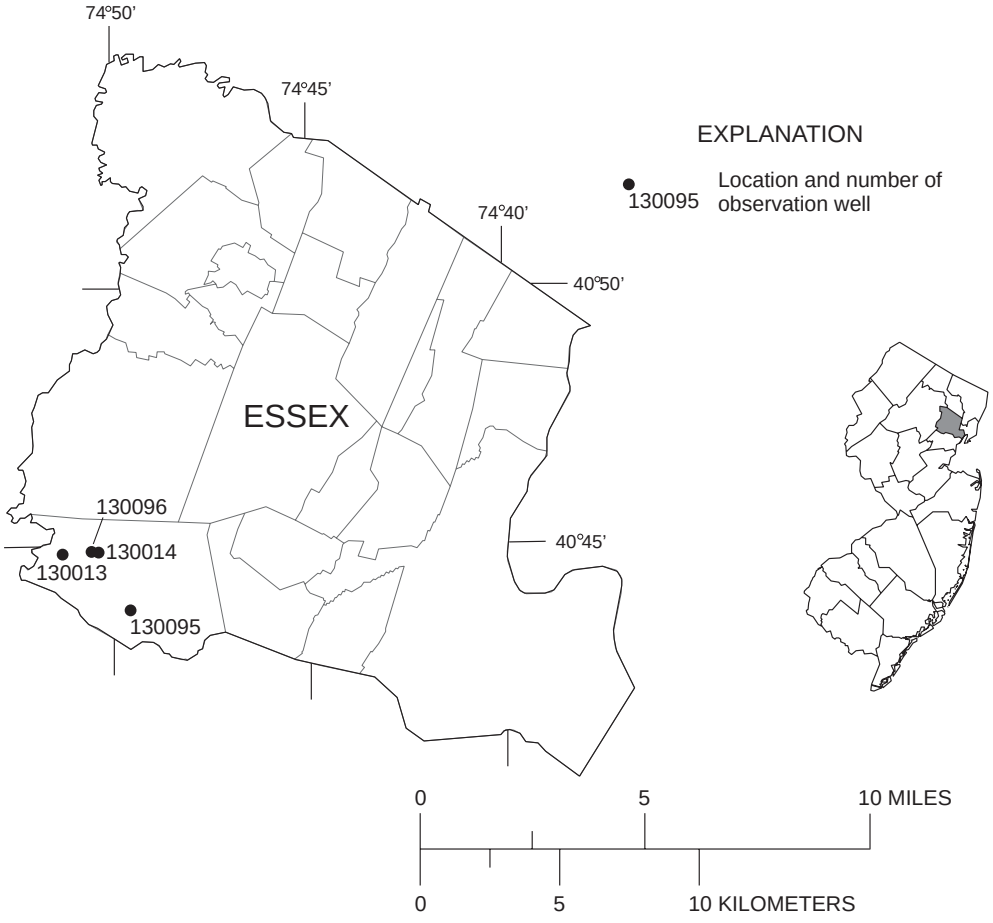
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	24.22	24.31	23.99	23.90	23.73	23.64	23.08	22.87	23.31	24.11	24.57	25.32
10	24.27	24.37	23.89	23.91	23.69	23.63	22.78	22.89	23.41	24.13	24.70	25.47
15	24.31	24.28	23.90	23.89	23.72	23.66	22.74	22.95	23.51	24.20	24.82	25.62
20	24.28	24.24	23.84	23.74	23.71	23.64	22.69	23.06	23.69	24.26	24.92	25.71
25	24.30	24.21	23.86	23.70	23.67	23.60	22.73	23.12	23.86	24.34	25.04	25.80
EOM	24.34	24.13	23.87	23.72	23.64	23.52	22.79	23.23	24.02	24.45	25.17	25.91
MEAN	24.28	---	23.90	23.82	23.70	23.62	22.85	22.99	23.58	24.22	24.83	25.59
MAX	24.36	---	24.09	23.94	23.75	23.66	23.49	23.23	24.02	24.45	25.17	25.91
MIN	24.17	---	23.83	23.68	23.64	23.52	22.68	22.80	23.25	24.04	24.46	25.20



ESSEX COUNTY

NJ-WRD well number	Local identifier	Township	Well depth	Aquifer	Type of data
130013	CANOE BROOK 30 OBS	MILLBURN TWP	130	SFDF	MANUAL
130014	NEUTRAL ZONE OBS	MILLBURN TWP	64	SFDF	MANUAL
130095	CHRIST CHURCH 2 OBS	MILLBURN TWP	200	SFDF	MANUAL
130096	EAST ORANGE SHALLOW OBS	MILLBURN TWP	84	SFDF	DAILY

Aquifer names
SFDF - Stratified drift



13-0013 Canoe Brook 30 Obs

NJ-WRD Well Number, 13-0013. Site I.D., 404452074211601. Local I.D., Canoe Brook 30 Obs.

LOCATION.--Lat 40°44'52", long 74°21'15", Hydrologic Unit 02030103, about 0.3 mi north of the New Jersey - American Water Company's Canoe Brook pumping station, near Chatham, Millburn Township.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, depth 130 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level recorder, Apr. 1977 to July 1984. Periodic measurements, Apr. 1975 to Apr. 1977. Water-level recorder, Sept. 1925 to Apr. 1975.

DATUM.--Land surface is 170.00 ft above NGVD of 1929. Measuring point: Top of shelf, 6.57 ft above land surface.

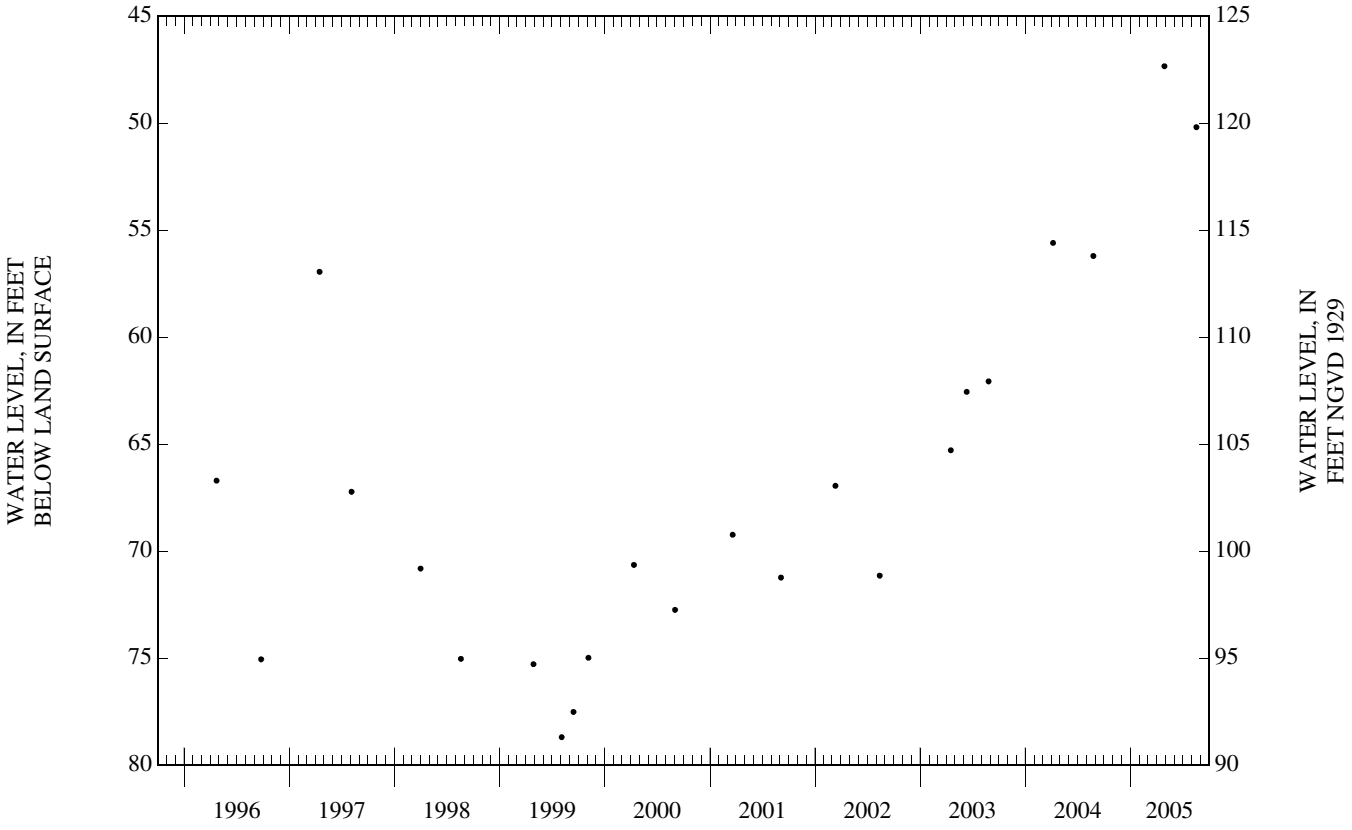
REMARKS.--Water level is affected by nearby pumping.

PERIOD OF RECORD.--Sept. 1925 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 7.25 ft below land surface, Aug. 25, 1931; lowest, 86.70 ft below land surface, Oct. 23, 1977.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 28	47.33	AUG 17	50.18



13-0014

NJ-WRD Well Number, 13-0014. Site I.D., 404454074202101. Local I.D., Neutral Zone Obs.

LOCATION.--Lat 40°44'54", long 74°20'20", Hydrologic Unit 02030103, about 1,500 ft south of the East Orange Water Department pumping station, Parsonage Hill Rd., Millburn Township.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, depth 64 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level recorder, Nov. 1926 to May 1975.

DATUM.--Land surface is 179.37 ft above NGVD of 1929. Measuring point: Top of casing, 3.50 ft above land surface.

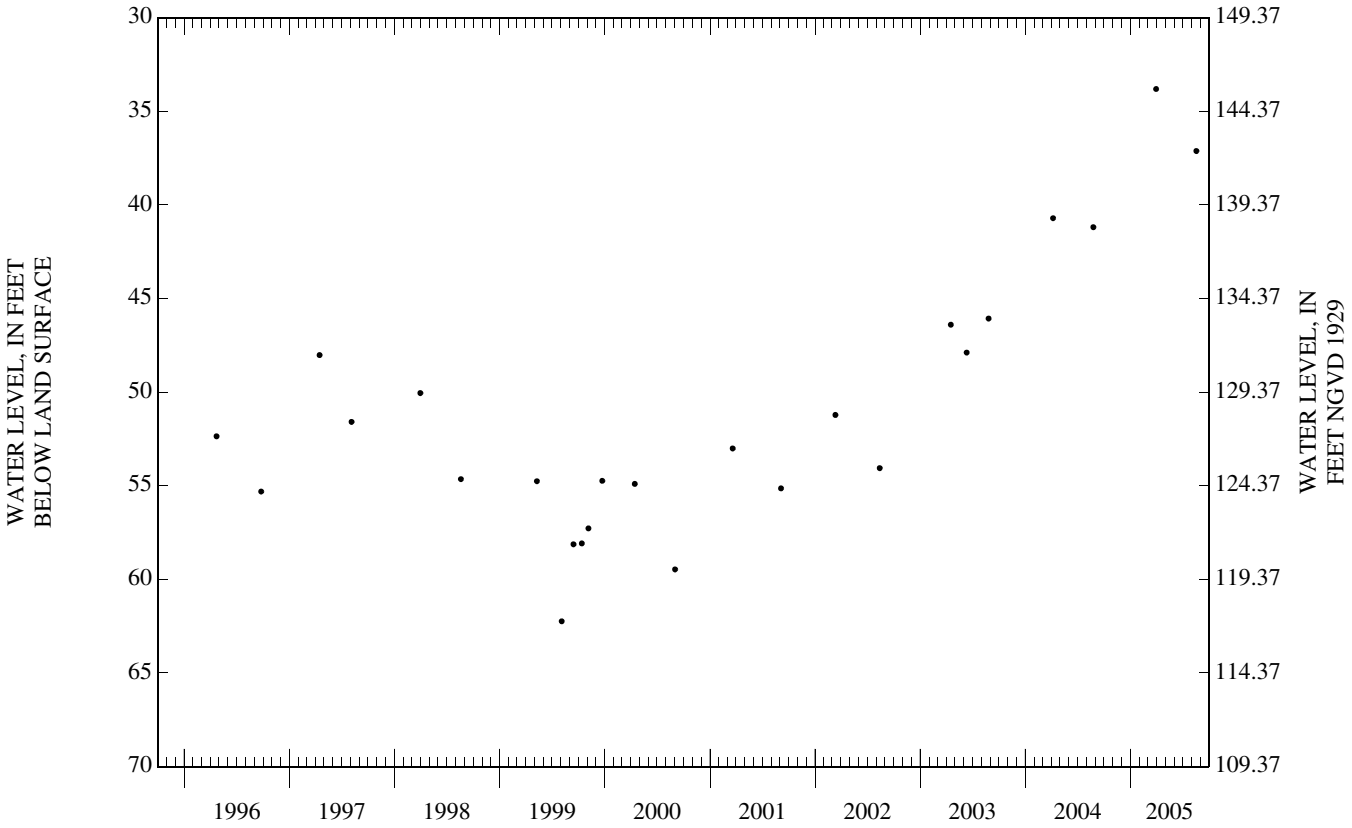
REMARKS.--Water level is affected by nearby pumping.

PERIOD OF RECORD.--Nov. 1926 to Oct. 1984, May 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 4.57 ft below land surface, Oct. 25, 1927; lowest, 63.12 ft below land surface, Apr. 10, 1967.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 30	33.81	AUG 17	37.12



13-0095 Christ Church 2 Obs

NJ-WRD Well Number, 13-0095. Site I.D., 404347074193301. Local I.D., Christ Church 2 Obs. NJ Permit Number, 26-16359-4.

LOCATION.--Lat 40°43'47", long 74°19'32", Hydrologic Unit 02030104, at Christ Church, about 200 ft east of Highland Ave., Millburn Township.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in., depth 200 ft, screened 180 to 200 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape.

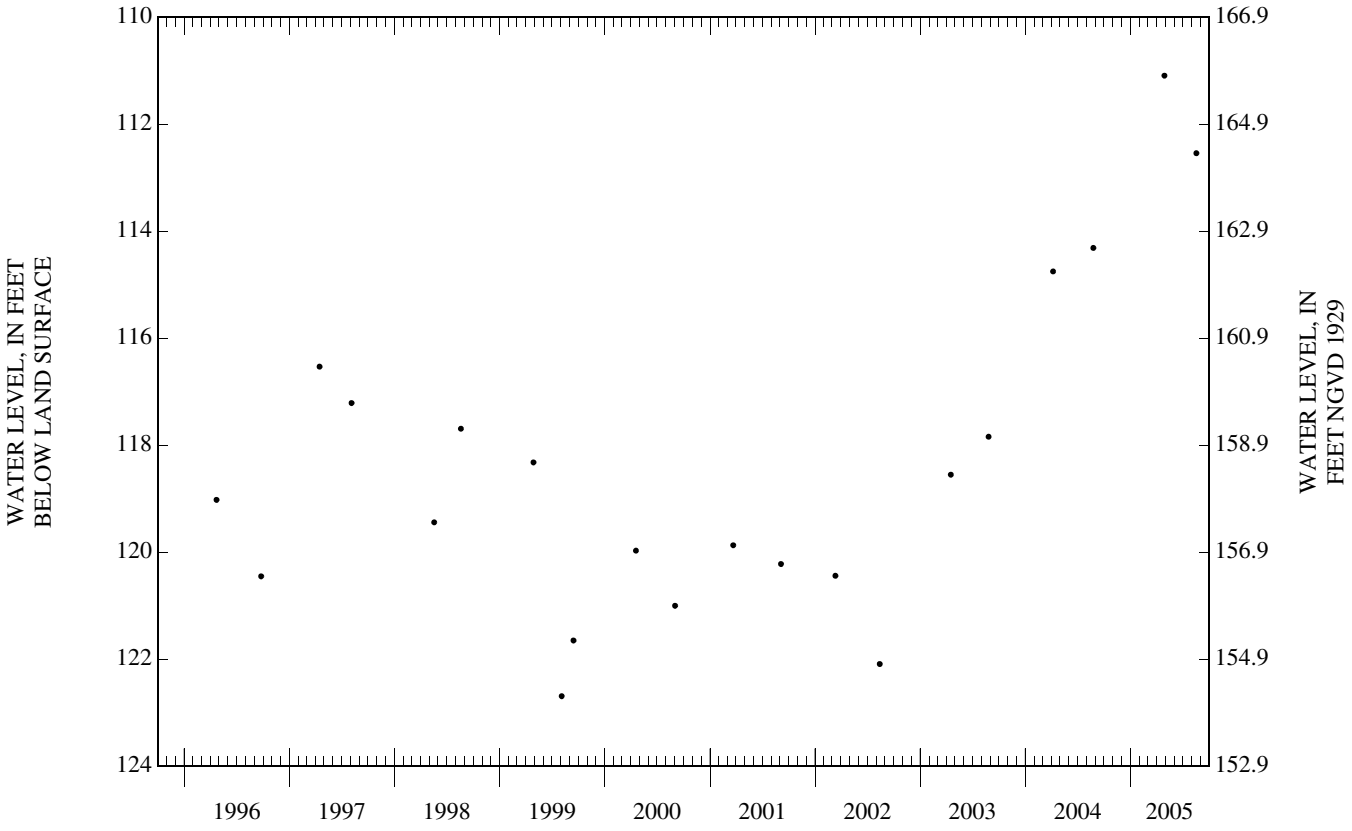
DATUM.--Land surface is 276.9 ft above NGVD of 1929. Measuring point: Top of casing, 0.67 ft below land surface.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 111.09 ft below land surface, Apr. 28, 2005; lowest, 124.47 ft below land surface, Sept. 20, 1994.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 28	111.09	AUG 17	112.54



13-0096 East Orange Shallow Obs

NJ-WRD Well Number, 13-0096. Site I.D., 404455074203202 Local I.D., East Orange Shallow Obs. NJ Permit Number, 25-34870.

LOCATION.--Lat 40°44'55", long 74°20'31", Hydrologic Unit 02030103, at East Orange Water Company, JFK Blvd. and Parsonage Hill Rd., Millburn Township.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in., depth 84 ft, screened 79 to 84 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements, Apr. 1991 to Apr. 1992.

DATUM.--Land surface is 184.7 ft above NGVD of 1929. Measuring point: Top of shelf, 2.40 ft above land surface.

REMARKS.-- Water level is affected by nearby pumping.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 31.51 ft below land surface, Oct. 20, 2004; lowest, 67.69 ft below land surface, Sept. 4, 1996.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

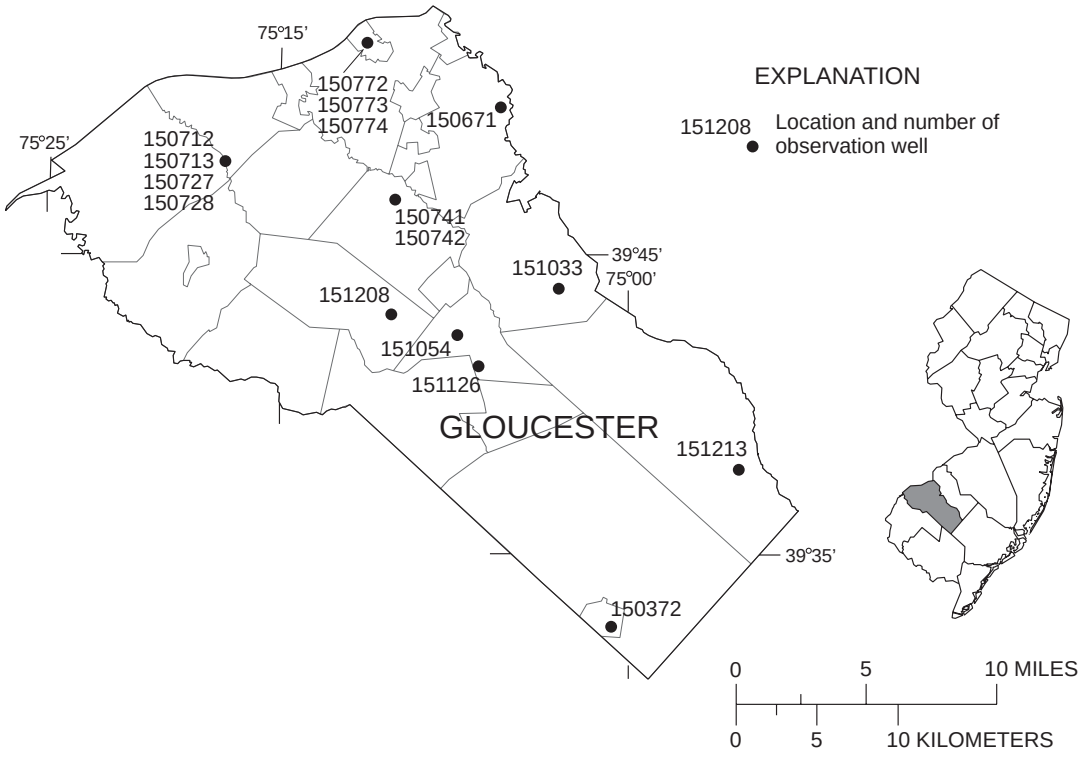
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	45.94	43.50	44.05	41.36	42.97	42.05	40.33	41.37	41.87	41.62	43.03	43.31
10	44.38	45.16	42.59	42.81	39.88	42.35	40.26	41.25	42.32	41.29	41.56	43.22
15	36.40	42.97	43.43	42.58	41.73	41.46	37.94	41.74	41.89	41.70	41.74	42.54
20	32.91	44.62	42.18	42.64	42.81	41.00	40.75	42.37	40.71	41.45	41.05	38.18
25	42.46	44.83	42.07	42.44	40.17	40.98	39.75	38.10	39.07	42.18	38.17	42.13
EOM	44.22	43.61	40.85	41.00	41.75	38.05	34.35	40.46	41.48	42.30	37.38	41.77
MEAN	41.95	44.05	42.22	41.15	41.39	40.65	39.30	40.40	41.27	41.57	40.60	41.22
MAX	45.94	45.32	44.80	42.84	42.97	42.35	40.75	42.42	43.11	42.76	43.03	44.38
MIN	32.91	41.27	37.34	35.99	38.17	35.47	34.35	34.50	38.11	37.81	35.72	34.93

WTR YR 2005 MEAN 41.31 HIGH 32.91 OCT 20 LOW 45.94 OCT 5

GLOUCESTER COUNTY

NJ-WRD well number	Local identifier	Township	Well depth	Aquifer	Type of data
150372	NEWFIELD 2-A OBS	NEWFIELD BORO	154	CKKD	DAILY
150671	DEPTFORD DEEP OBS	DEPTFORD TWP	670	MRPAL	DAILY
150712	STEFKA 1 OBS	GREENWICH TWP	295	MRPAL	DAILY
150713	STEFKA 2 OBS	GREENWICH TWP	155	MRPAM	DAILY
150727	STEFKA 3 OBS	GREENWICH TWP	210	MRPAM	MANUAL
150728	STEFKA 4 OBS	GREENWICH TWP	56	MRPAU	DAILY
150741	MANTUA SHALLOW OBS	MANTUA TWP	313	MRPAU	DAILY
150742	MANTUA DEEP OBS	MANTUA TWP	777	MRPAL	DAILY
150772	NATIONAL PARK #3OW-AL	NATIONAL PARK BORO	221	MRPAL	DAILY
150773	NATIONAL PARK #5OW-AU	NATIONAL PARK BORO	55	MRPAU	MANUAL
150774	NATIONAL PARK #4OW-AM	NATIONAL PARK BORO	118	MRPAM	MANUAL
151033	WASHINGTON TWP 1 OBS	WASHINGTON TWP	54	CKKD	DAILY
151054	GSC OBS-1 SHALLOW	GLASSBORO BORO	36	CKKD	DAILY
151126	GLASSBORO ML-1 OBS	GLASSBORO BORO	338	MLRW	DAILY
151208	AG02	HARRISON TWP	33	CKKD	DAILY
151213	UND06	MONROE TWP	15	CKKD	DAILY

Aquifer names
- CKKD - Kirkwood-Cohansey aquifer system
- MLRW - Wenonah-Mount Laurel aquifer
- MRPAL - Lower Potomac-Raritan-Magothy aquifer
- MRPAM - Middle Potomac-Raritan-Magothy aquifer
- MRPAU - Upper Potomac-Raritan-Magothy aquifer



15-0372 Newfield 2-A Obs

NJ-WRD Well Number, 15-0372. Site I.D., 393246075012701. Local I.D., Newfield 2-A Obs. NJ Permit Number, 31-06092.

LOCATION.--Lat 39°32'38", long 75°00'43", Hydrologic Unit 02040206, about 1,000 ft south of the intersection of Gorgo Lane and Catawba Ave., Newfield Borough.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, depth 154 ft, screened 129 to 149 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Water-level recorder, Jan. 1986 to June 1989 and July 1994 to May 2000.

DATUM.--Land surface is 120 ft above NGVD of 1929, from topographic map. Measuring point: Top of shelf, 2.80 ft above land surface.

REMARKS.--Water level is affected by nearby pumping.

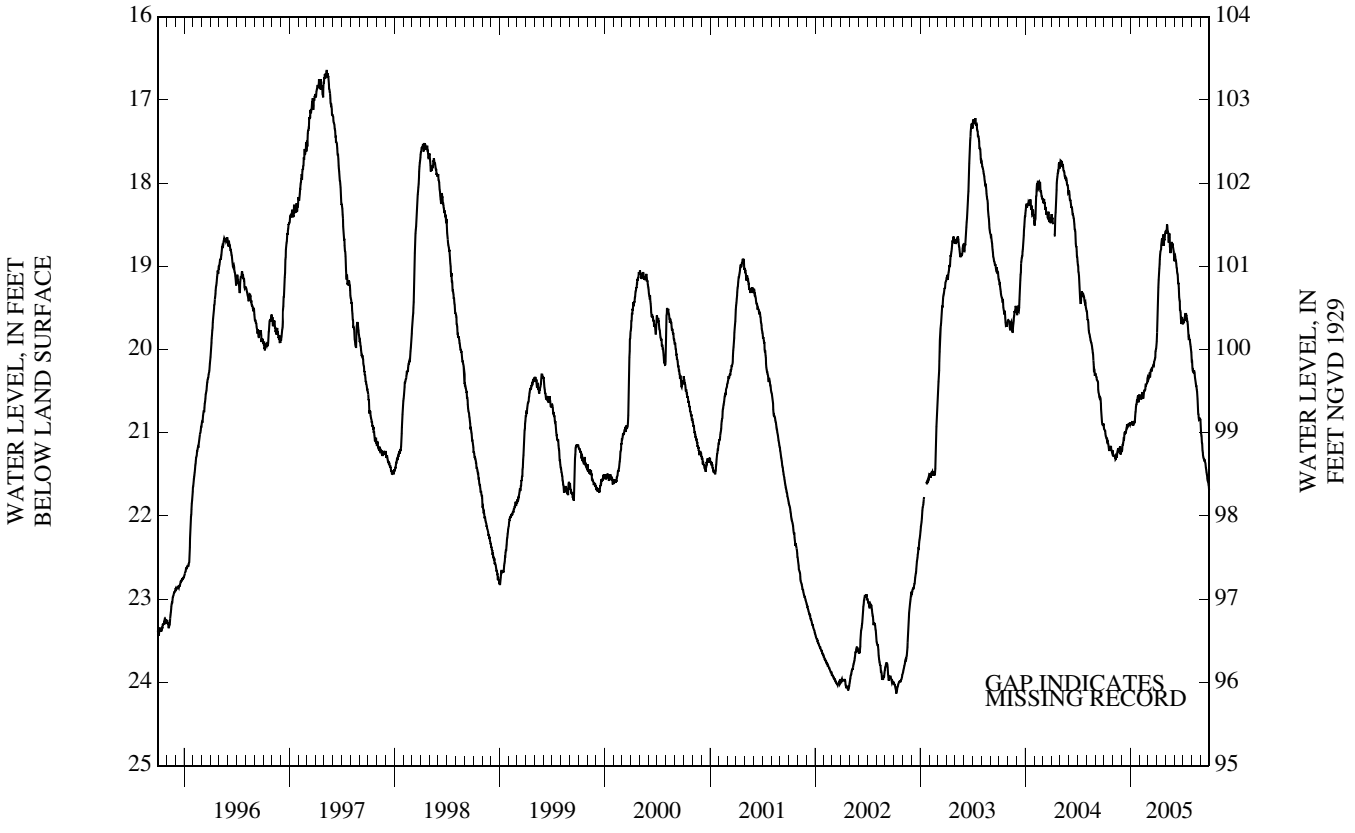
PERIOD OF RECORD.--Jan. 1987 to June 1989, Aug. 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 16.62 ft below land surface, May 3, 1997; lowest, 24.19 ft below land surface, Apr. 24, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	21.01	21.28	21.14	20.88	20.58	20.32	19.48	18.59	18.91	19.67	20.26	21.11
10	21.08	21.31	21.01	20.89	20.51	20.30	19.03	18.58	19.03	19.56	20.27	21.29
15	21.13	21.24	21.00	20.87	20.54	20.25	18.81	18.60	19.21	19.63	20.41	21.33
20	21.18	21.20	20.92	20.66	20.48	20.19	18.67	18.78	19.42	19.82	20.54	21.44
25	21.19	21.16	20.90	20.57	20.41	20.13	18.69	18.76	19.67	19.88	20.82	21.58
EOM	21.24	21.23	20.89	20.57	20.35	19.94	18.61	18.87	19.67	20.06	20.84	21.69
MEAN	21.13	21.25	20.99	20.76	20.51	20.21	18.97	18.68	19.26	19.75	20.49	21.35
MAX	21.24	21.32	21.20	20.92	20.60	20.35	19.90	18.87	19.69	20.06	20.85	21.69
MIN	20.96	21.16	20.88	20.54	20.35	19.94	18.61	18.50	18.88	19.56	20.14	20.94

WTR YR 2005 MEAN 20.28 HIGH 18.50 MAY 7 LOW 21.69 SEP 30



15-0671 Deptford Deep Obs

NJ-WRD Well Number, 15-0671. Site I.D., 394957075053001. Local I.D., Deptford Deep Obs.

LOCATION.--Lat 39°49'57", long 75°05'29", Hydrologic Unit 02040202, at N.J. Department of Transportation facility, N.J. Rt. 41, Deptford Township.

AQUIFER.--Lower Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 670 ft, screened 650 to 670 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval.

DATUM.--Land surface is 35 ft above NGVD of 1929, from topographic map. Measuring point: Top of shelf, 3.55 ft above land surface.

REMARKS.--Water level is affected by tidal fluctuation and nearby pumping.

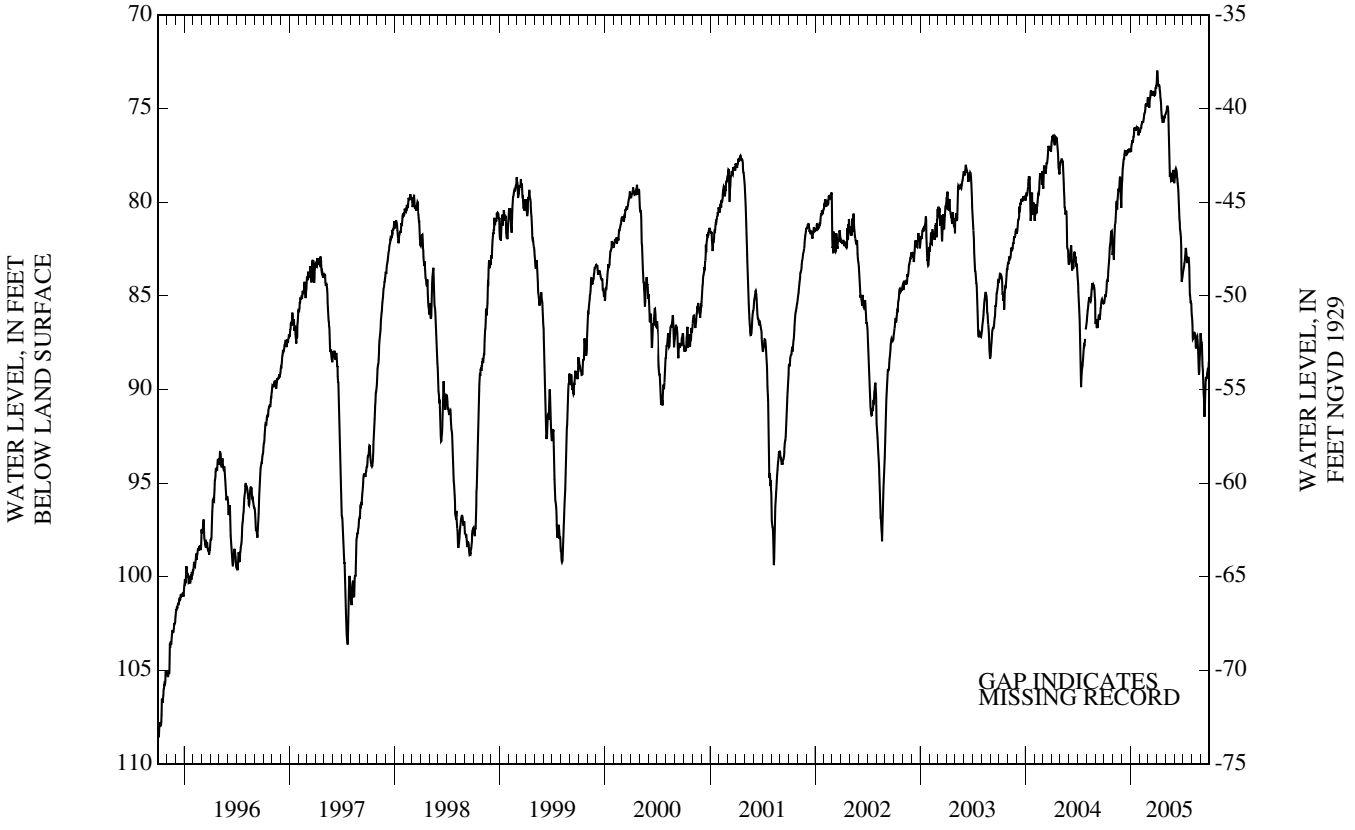
PERIOD OF RECORD.--June 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level 72.57 ft below land surface, Apr. 2, 2005; lowest 115.36 ft below land surface, July 19, 1988.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	85.06	81.94	78.08	76.84	76.03	74.62	73.47	75.14	78.33	83.43	87.31	87.58
10	84.25	80.74	77.45	76.51	75.69	74.31	73.78	74.96	78.49	82.64	87.11	89.82
15	83.67	80.39	77.49	76.16	75.52	74.22	74.54	77.68	79.41	83.10	87.76	91.10
20	82.46	79.31	77.35	76.04	75.09	74.05	75.44	78.75	81.09	82.93	87.15	89.36
25	81.57	78.63	77.26	76.03	74.79	74.29	75.54	78.77	82.41	84.98	88.85	89.01
EOM	82.64	79.77	77.27	76.17	74.62	73.80	75.36	78.58	83.92	85.72	87.08	88.48
MEAN	83.44	80.37	77.56	76.38	75.45	74.26	74.58	77.11	80.38	83.64	87.50	89.15
MAX	85.37	83.07	79.08	77.27	76.27	74.95	75.74	78.85	84.24	85.72	89.21	91.46
MIN	81.55	78.63	77.14	75.94	74.62	73.80	72.96	74.88	78.19	82.45	86.06	86.99

WTR YR 2005 MEAN 80.01 HIGH 72.96 APR 3 LOW 91.46 SEP 14



15-0712 Stefka 1 Obs

NJ-WRD Well Number, 15-0712. Site I.D., 394808075172401. Local I.D., Stefka 1 Obs. NJ Permit Number, 30-04347.

LOCATION.--Lat 39°48'08", long 75°17'23", Hydrologic Unit 02040202, near the intersection of Swedesboro and Tomlin Station Roads, Greenwich Township.

AQUIFER.--Lower Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 295 ft, screened 275 to 290 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval.

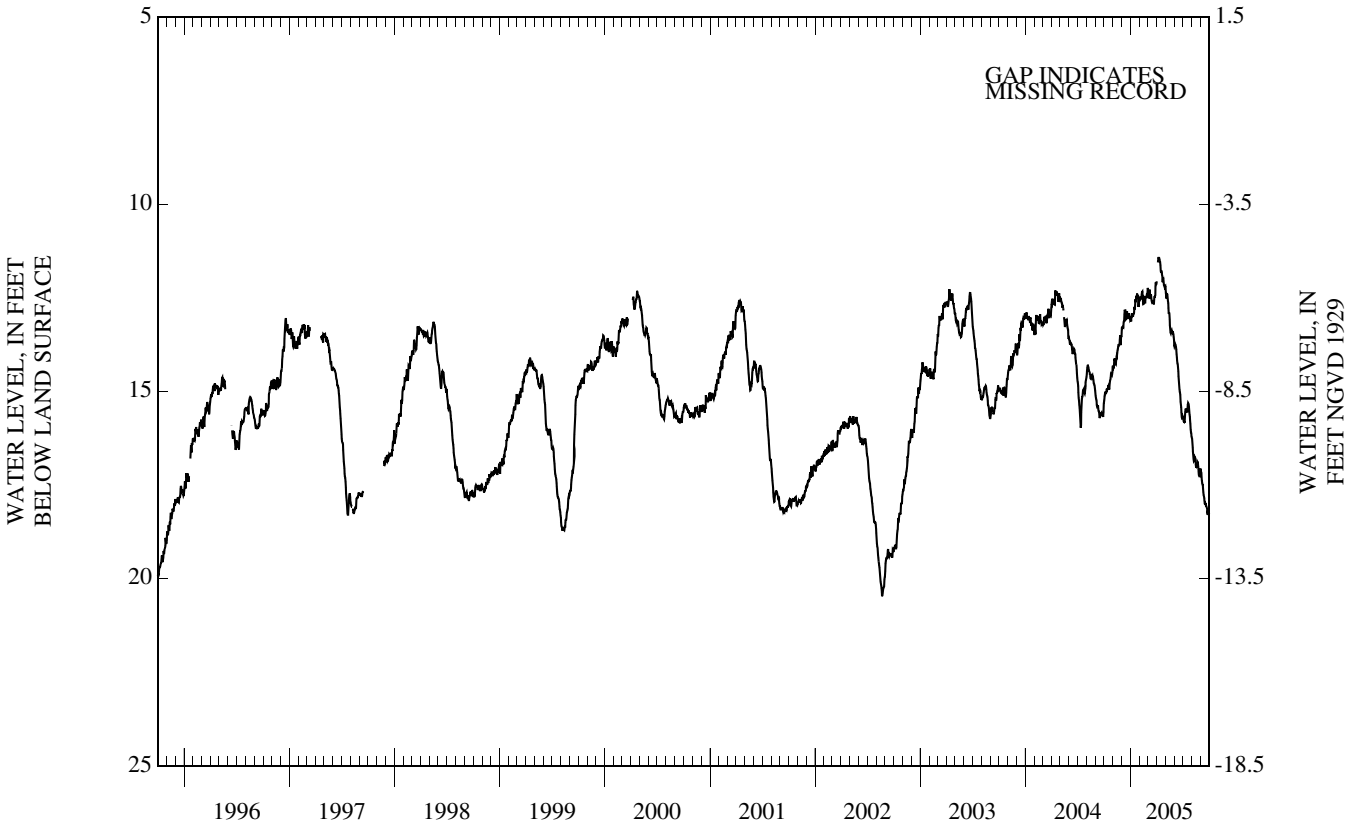
DATUM.--Land surface is 6.50 ft above NGVD of 1929. Measuring point: Top of shelf, 2.20 ft above land surface.

PERIOD OF RECORD.--Mar. 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 11.37 ft below land surface, Apr. 8, 2005; lowest, 20.58 ft below land surface, Sept. 16, 1995.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	15.04	14.12	13.28	13.01	12.50	12.49	11.55	12.52	13.75	15.82	16.60	17.39
10	14.93	14.28	12.94	12.91	12.33	12.53	11.46	12.59	14.09	15.49	16.77	17.69
15	14.85	13.97	13.08	12.81	12.56	12.60	11.78	12.93	14.46	15.53	16.96	17.99
20	14.78	13.78	12.94	12.44	12.63	12.60	11.89	13.44	15.00	15.33	16.96	18.05
25	14.51	13.50	12.98	12.46	12.43	12.46	12.08	13.42	15.44	15.67	17.19	18.25
EOM	14.31	13.50	13.07	12.51	12.35	12.13	12.21	13.63	15.68	16.20	17.06	18.27
MEAN	14.81	13.95	13.05	12.74	12.50	12.45	---	12.99	14.62	15.65	16.88	17.84
MAX	15.23	14.39	13.32	13.13	12.67	12.68	---	13.63	15.71	16.20	17.27	18.30
MIN	14.31	13.50	12.82	12.38	12.33	12.09	---	12.19	13.73	15.31	16.23	17.11



15-0713 Stefka 2 Obs

NJ-WRD Well Number, 15-0713. Site I.D., 394808075172402. Local I.D., Stefka 2 Obs. NJ Permit Number, 30-04348.

LOCATION.--Lat 39°48'08", long 75°17'23", Hydrologic Unit 02040202, near the intersection of Swedesboro and Tomlin Station Roads, Greenwich Township.

AQUIFER.--Middle Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 8 in., depth 155 ft, screened 125 to 155 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval.

DATUM.--Land surface is 5.64 ft above NGVD of 1929. Measuring point: Top of shelf, 3.00 ft above land surface.

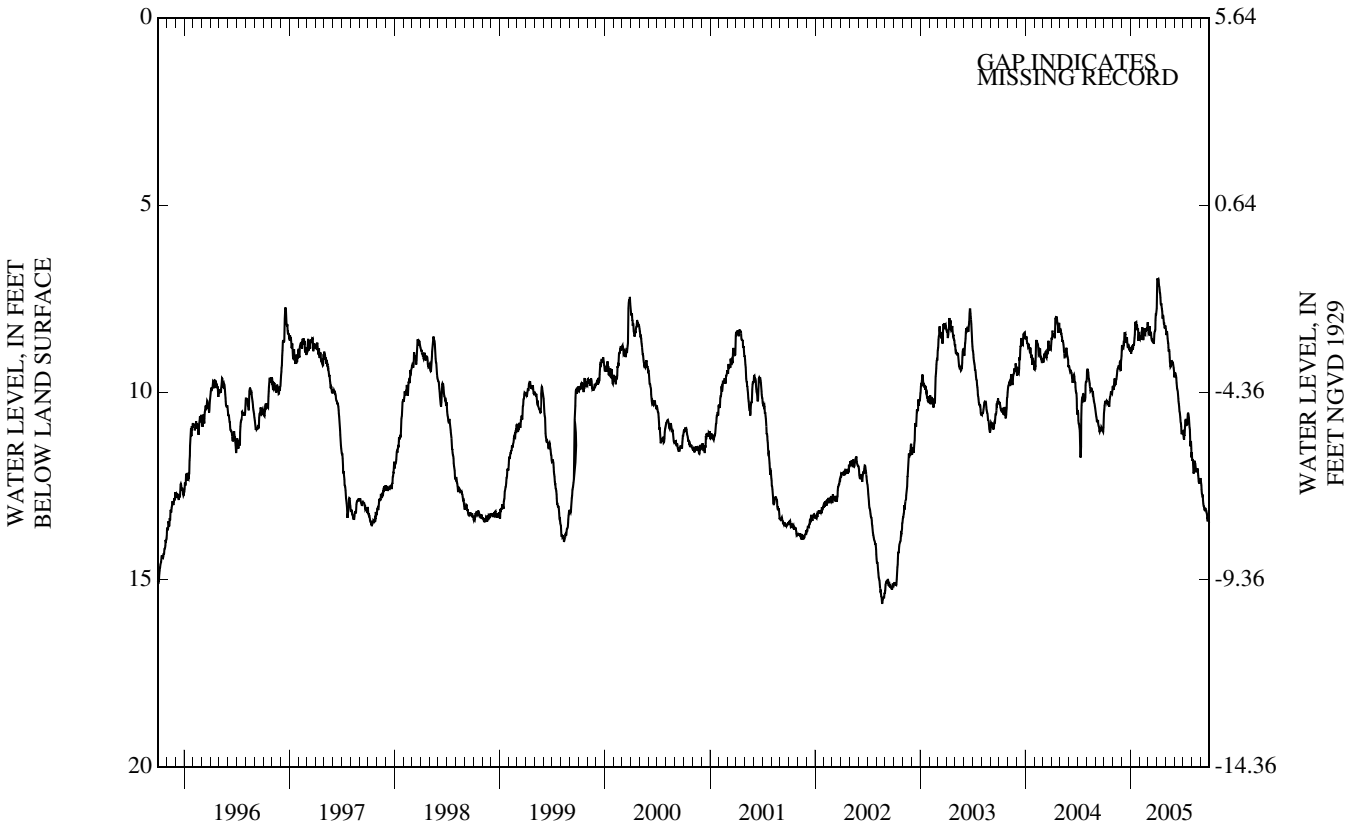
PERIOD OF RECORD.--May 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 6.92 ft below land surface, Apr. 4, 2005; lowest, 15.65 ft below land surface, Aug. 21, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	10.26	9.65	8.80	8.86	8.56	8.41	6.98	8.46	9.48	11.25	11.81	12.69
10	10.22	9.76	8.45	8.70	8.25	8.46	7.16	8.63	9.83	10.72	11.84	12.97
15	10.23	9.42	8.67	8.45	8.42	8.60	7.62	8.89	10.16	10.85	12.09	13.13
20	10.18	9.31	8.68	8.11	8.46	8.63	7.82	9.29	10.52	10.56	12.05	13.13
25	9.98	9.14	8.80	8.29	8.29	8.36	8.07	9.22	10.90	10.98	12.37	13.37
EOM	9.84	9.02	8.87	8.51	8.18	7.83	8.23	9.42	11.03	11.73	12.28	13.47
MEAN	10.17	9.48	8.70	8.52	8.40	8.39	7.59	8.89	10.22	10.97	12.07	13.03
MAX	10.46	9.92	8.91	8.96	8.59	8.70	8.28	9.42	11.11	11.73	12.41	13.47
MIN	9.84	9.02	8.38	8.11	8.18	7.83	6.94	8.20	9.46	10.53	11.59	12.36

WTR YR 2005 MEAN 9.71 HIGH 6.94 APR 4 LOW 13.47 SEP 30



15-0727 Stefka 3 Obs

NJ-WRD Well Number, 15-0727. Site I.D., 394808075172403. Local I.D., Stefka 3 Obs. NJ Permit Number, 30-04548.

LOCATION.--Lat 39°48'08", long 75°17'23", Hydrologic Unit 02040202, near the intersection of Swedesboro and Tomlin Station Roads, Greenwich Township.

AQUIFER.--Middle Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 210 ft, screened 195 to 205 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level recorder, Jun. 1987 to Nov. 1988.

DATUM.--Land surface is 5.06 ft above NGVD of 1929. Measuring point: Top of shelf, 2.90 ft above land surface.

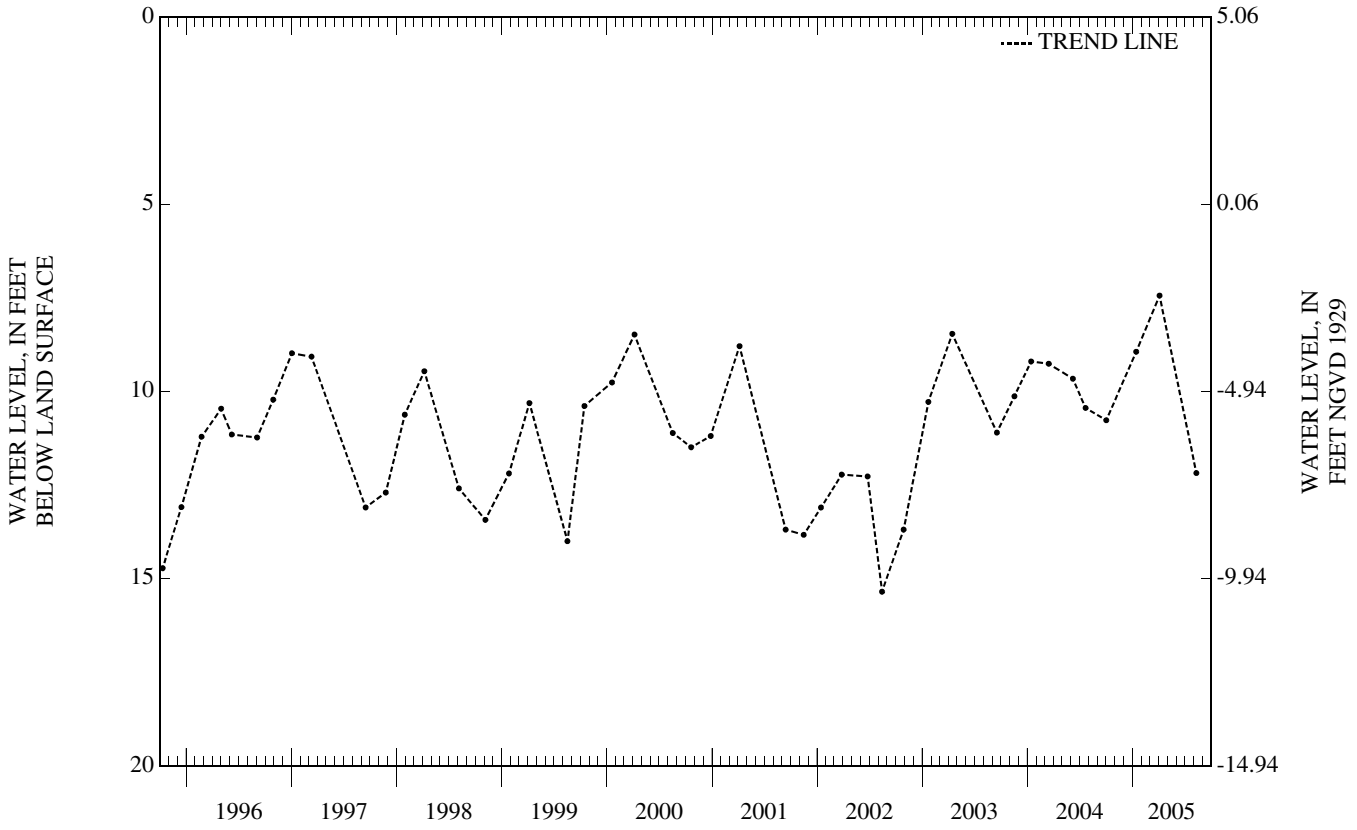
PERIOD OF RECORD.--June 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 8.46 ft below land surface, Apr. 15, 2003; lowest, 15.35 ft below land surface, Aug. 14, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	10.77	JAN 13	8.94	APR 04	7.44	AUG 10	12.18

WATER YEAR 2005 HIGHEST 7.44 APR 04, 2005 LOWEST 12.18 AUG 10, 2005



15-0728 Stefka 4 Obs

NJ-WRD Well Number, 15-0728. Site I.D., 394808075172404. Local I.D., Stefka 4 Obs. NJ Permit Number, 30-04549.

LOCATION.--Lat 39°48'08", long 75°17'23", Hydrologic Unit 02040202, near the intersection of Swedesboro and Tomlin Station Roads, Greenwich Township.

AQUIFER.--Upper Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in., depth 56 ft, screened 46 to 56 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval.

DATUM.--Land surface is 4.46 ft above NGVD of 1929. Measuring point: Top of shelf, 3.20 ft above land surface.

PERIOD OF RECORD.--May 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 5.63 ft below land surface, Apr. 4, 2005; lowest, 14.34 ft below land surface, Aug. 22, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.93	8.35	7.49	7.59	7.26	7.13	5.67	7.15	8.19	9.90	10.47	11.35
10	8.90	8.48	7.16	7.41	6.98	7.18	5.86	7.31	8.52	9.41	10.52	11.63
15	8.92	8.13	7.36	7.17	7.14	7.29	6.32	7.59	8.82	9.51	10.73	11.83
20	8.87	8.01	7.37	6.83	7.18	7.35	6.53	8.00	9.21	9.23	10.72	11.84
25	8.67	7.85	7.51	7.01	7.01	7.08	6.79	7.92	9.57	9.63	11.03	12.06
EOM	8.54	7.72	7.59	7.21	6.92	6.54	6.96	8.12	9.70	10.39	10.94	12.14
MEAN	8.85	8.18	7.40	7.24	7.12	7.10	6.30	7.59	8.91	9.63	10.73	11.72
MAX	9.14	8.62	7.61	7.67	7.29	7.40	7.00	8.12	9.78	10.39	11.09	12.14
MIN	8.54	7.72	7.08	6.82	6.92	6.54	5.64	6.93	8.16	9.20	10.25	11.03

WTR YR 2005 MEAN 8.40 HIGH 5.64 APR 4 LOW 12.14 SEP 30

15-0741 Mantua Shallow Obs

NJ-WRD Well Number, 15-0741. Site I.D., 394652075100401. Local I.D., Mantua Shallow Obs.

LOCATION.--Lat 39°46'52", long 75°10'03", Hydrologic Unit 02040202, at the Township of Mantua Road Department, Main Street (County Rt. 553), Mantua Township.

AQUIFER.--Upper Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 313 ft, screened 293 to 313 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval.

DATUM.--Land surface is 82 ft above NGVD of 1929, from topographic map. Measuring point: Top of shelf, 4.00 ft above land surface.

REMARKS.--Water level is affected by nearby pumping.

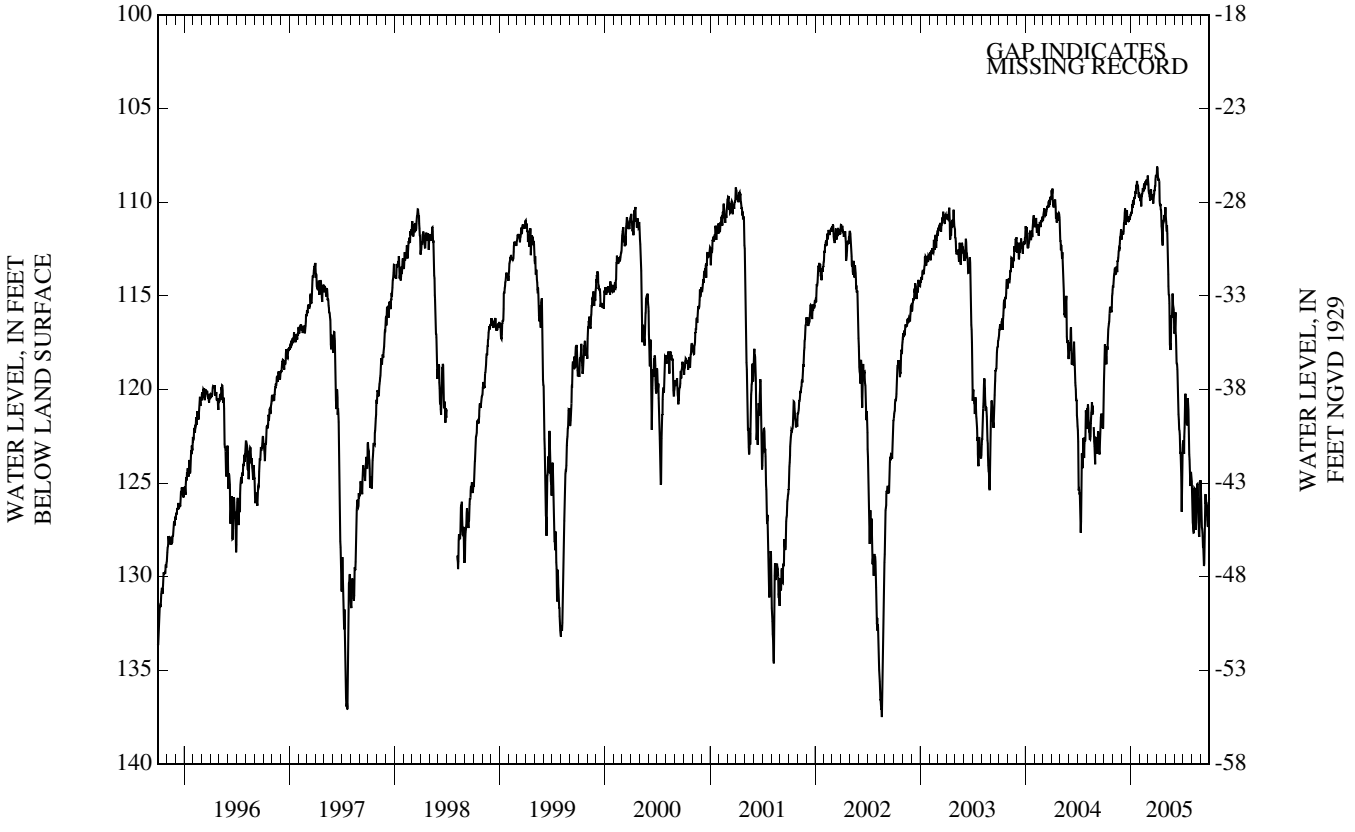
PERIOD OF RECORD.--July 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 107.93 ft below land surface, Apr. 3, 2005; lowest, 141.36 ft below land surface, Sept. 6-7, 1995.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	118.56	113.82	111.65	110.49	109.88	109.49	108.58	111.35	115.88	123.44	127.17	127.36
10	117.78	113.83	110.97	110.15	109.56	109.36	108.90	113.37	118.65	120.27	125.28	128.45
15	116.78	113.73	111.10	109.75	109.17	109.79	110.39	115.39	120.94	121.91	127.50	127.66
20	115.82	112.63	110.96	109.07	109.04	110.07	111.93	117.56	122.42	121.08	125.06	126.01
25	115.75	111.90	111.01	109.07	108.79	109.40	110.99	115.54	124.58	124.28	127.14	127.25
EOM	114.46	112.00	110.68	109.77	108.89	108.65	110.61	116.37	123.16	124.70	124.85	125.81
MEAN	116.77	113.07	111.03	109.73	109.34	109.39	110.13	114.48	120.73	122.51	126.33	127.02
MAX	119.07	114.56	111.72	110.67	110.22	110.07	112.30	117.89	126.53	125.16	127.87	129.43
MIN	114.46	111.44	110.33	108.87	108.79	108.54	108.13	110.27	115.88	120.27	124.85	125.00

WTR YR 2005 MEAN 115.91 HIGH 108.13 APR 2 LOW 129.43 SEP 12



15-0742 Mantua Deep Obs

NJ-WRD Well Number, 15-0742. Site I.D., 394652075100402. Local I.D., Mantua Deep Obs. NJ Permit Number 31-25266-4.

LOCATION.--Lat 39°46'52", long 75°10'03", Hydrologic Unit 02040202, at the Township of Mantua Road Department, Main Street (County Rt. 553), Mantua Township.

AQUIFER.--Lower Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 777 ft, screened 757 to 777 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval.

DATUM.--Land surface is 84 ft above NGVD of 1929, from topographic map. Measuring point: Top of shelf, 4.20 ft above land surface.

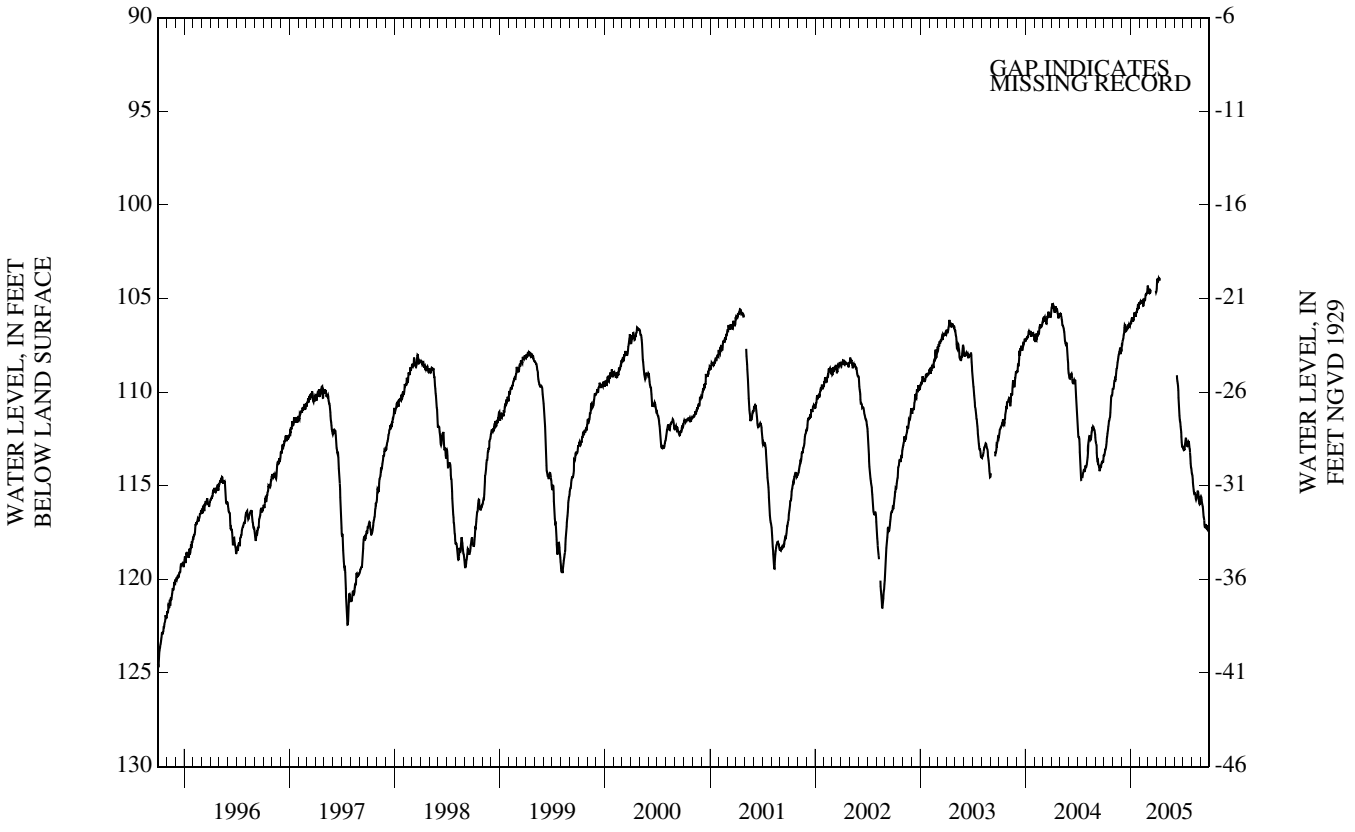
REMARKS.--Water level is affected by nearby pumping.

PERIOD OF RECORD.--Nov. 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 103.78 ft below land surface, Apr. 2-3, 2005; lowest, 127.89 ft below land surface, Sept. 8-9, 1995.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	113.08	109.41	107.21	106.12	105.19	104.69	104.11	---	---	113.08	114.82	115.87
10	112.48	109.22	106.56	106.12	105.12	104.67	103.93	---	109.09	112.59	115.41	116.47
15	111.84	108.57	106.76	105.97	105.26	---	---	---	109.92	112.77	115.69	117.20
20	111.41	108.02	106.59	105.70	105.06	---	---	---	111.47	112.70	115.47	117.11
25	110.27	107.63	106.44	105.47	104.70	---	---	---	112.14	113.08	115.74	117.36
EOM	109.79	107.79	106.36	105.26	104.49	104.62	---	---	112.94	114.16	115.61	117.25
MEAN	111.69	108.61	106.70	105.84	105.06	---	---	---	---	113.02	115.39	116.74
MAX	113.38	109.86	107.46	106.35	105.39	---	---	---	---	114.16	115.98	117.36
MIN	109.79	107.63	106.33	105.20	104.49	---	---	---	---	112.48	114.31	115.57



15-0772 National Park #3-ow-al

NJ-WRD Well Number, 15-0772. Site I.D., 395206075111801. Local I.D., National Park #3-ow-al. NJ Permit Number 31-26242.

LOCATION.--Lat 39°52'06", long 75°11'17", Hydrologic Unit 02040202, near the intersection of Hessian Ave. and S. Second St, National Park Borough.

AQUIFER.--Lower Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 2 in., depth 221 ft, screened 196 to 216 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 10 ft above NGVD of 1929, from topographic map. Measuring point: Top of base of aluminum locking cap, 1.60 ft above land surface.

PERIOD OF RECORD.--May 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 17.43 ft below land surface, Apr. 30, 2005; lowest, 33.39 ft below land surface, Aug. 18, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	22.18	22.22	22.18	20.75	19.95	21.27	19.44	19.11	21.57	23.23	23.23	23.21
10	22.16	22.23	20.97	20.52	19.56	21.43	21.19	19.23	22.13	22.44	22.62	23.43
15	21.06	21.95	21.33	19.92	19.80	20.59	20.60	20.27	22.79	22.61	23.58	22.96
20	22.33	21.62	21.73	20.07	20.13	20.18	20.35	22.55	23.17	22.59	22.67	23.38
25	22.92	22.40	21.98	20.21	20.03	20.10	19.80	20.76	25.22	22.63	20.69	23.56
EOM	22.33	22.55	21.74	19.79	20.45	19.83	18.75	21.91	25.23	23.34	21.48	23.43
MEAN	22.31	22.19	21.60	20.36	19.98	20.57	20.12	20.52	23.11	---	22.51	23.32
MAX	23.15	23.28	22.44	21.66	20.58	21.93	21.28	23.47	25.99	---	23.72	23.83
MIN	21.06	21.35	20.66	19.79	19.56	19.74	18.75	18.85	21.04	---	20.05	22.48

15-0773 National Park #5-ow-au

NJ-WRD Well Number, 15-0773. Site I.D., 395206075111802. Local I.D., National Park #5-ow-au. NJ Permit Number 31-26238.

LOCATION.--Lat 39°52'06", long 75°11'17", Hydrologic Unit 02040202, near the intersection of Hessian Ave. and S. Second St, National Park Borough.

AQUIFER.--Upper Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 2 in., depth 55 ft, screened 30 to 50 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape.

DATUM.--Land surface is 10 ft above NGVD of 1929, from topographic map. Measuring point: Top of base of aluminum locking cap, 2.40 ft above land surface.

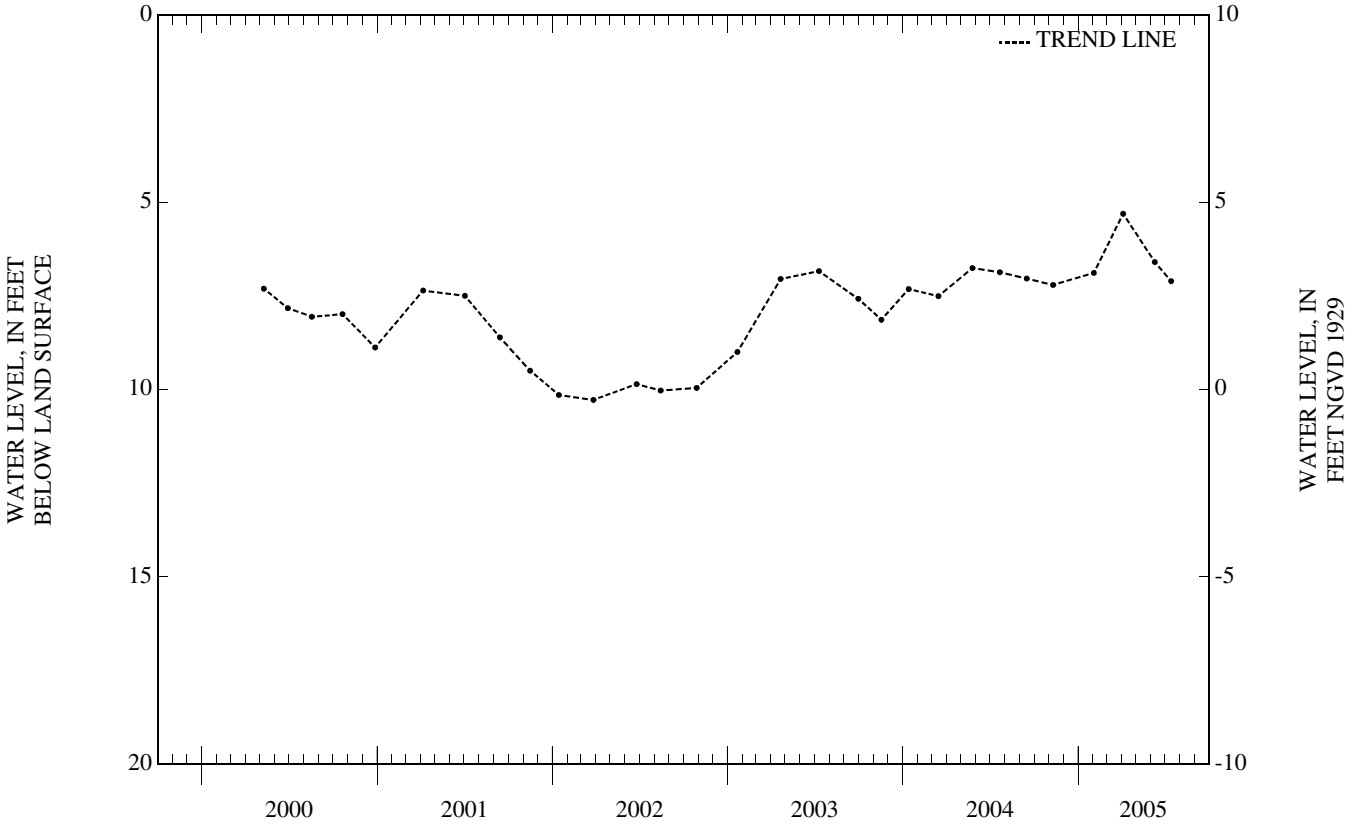
PERIOD OF RECORD.--May 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 5.30 ft below land surface, Apr. 4, 2005; lowest, 10.27 ft below land surface, Mar. 27, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 09	7.20	FEB 02	6.88	APR 04	5.30	JUN 09	6.59	JUL 13	7.10

WATER YEAR 2005 HIGHEST 5.3 APR 04, 2005 LOWEST 7.2 NOV 09, 2004



15-0774 National Park #4-ow-am

NJ-WRD Well Number, 15-0774. Site I.D., 395206075111803. Local I.D., National Park #4-ow-am. NJ Permit Number 31-26241.

LOCATION.--Lat 39°52'06", long 75°11'17", Hydrologic Unit 02040202, near the intersection of Hessian Ave. and S. Second St, National Park Borough.

AQUIFER.--Middle Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 2 in., depth 118 ft, screened 93 to 113 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape.

DATUM.--Land surface is 10 ft above NGVD of 1929, from topographic map. Measuring point: Top of base of aluminum locking cap, 2.60 ft above land surface.

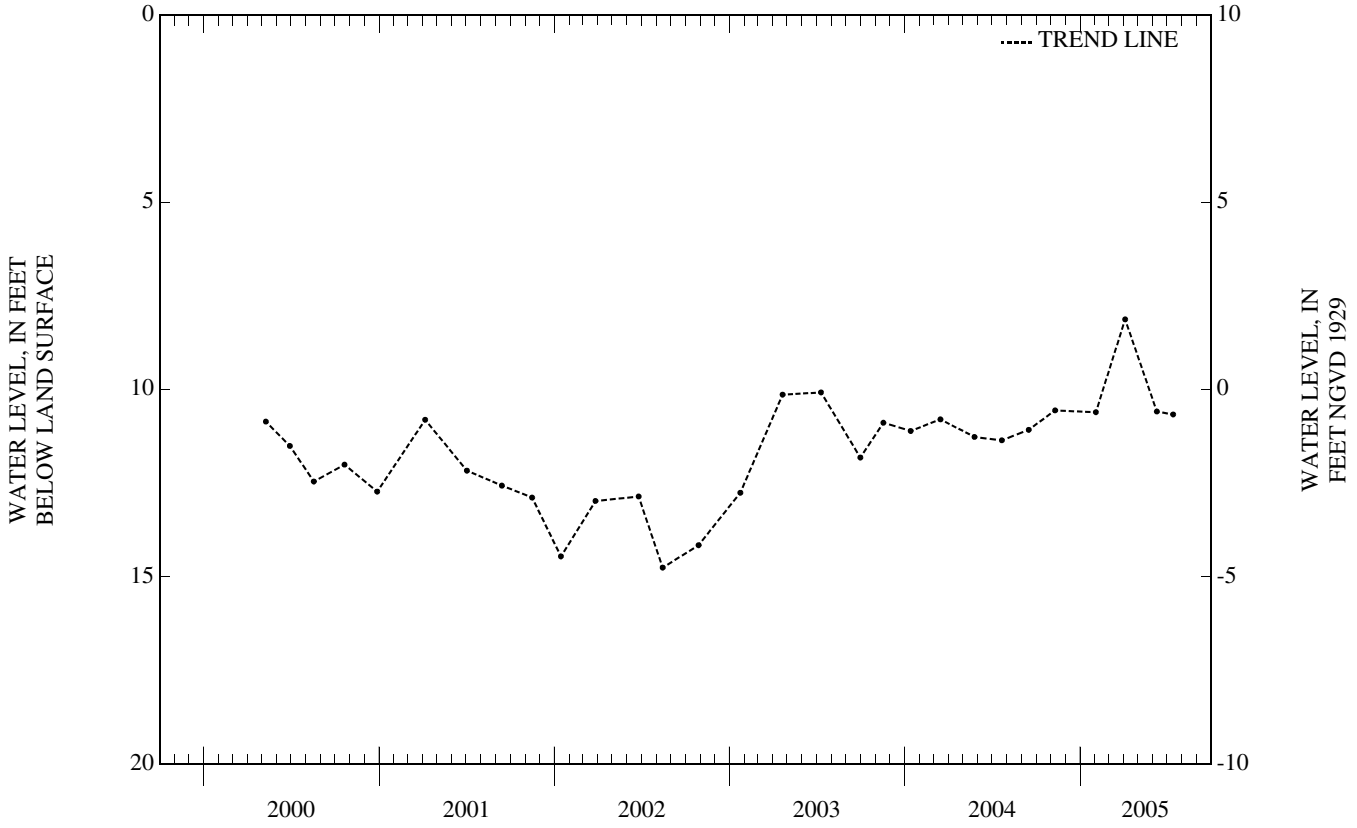
PERIOD OF RECORD.--May 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 8.12 ft below land surface, Apr. 4, 2005; lowest, 14.75 ft below land surface, Aug. 14, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 09	10.55	FEB 02	10.60	APR 04	8.12	JUN 09	10.58	JUL 13	10.66

WATER YEAR 2005 HIGHEST 8.12 APR 04, 2005 LOWEST 10.66 JUL 13, 2005



15-1033 Washington Twp 1 Obs

NJ-WRD Well Number, 15-1033. Site I.D., 394354075025901. Local I.D., Washington Twp 1 Obs. NJ Permit Number, 31-31399.

LOCATION.--Lat 39°43'54", long 75°02'58", Hydrologic Unit 02040202, near the intersection of White Birches Rd. and Rt. 655 (Fries Mill Rd.), Washington Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 4 in., depth 54 ft, screened 44 to 54 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 150 ft above NGVD of 1929, from topographic map. Measuring point: Top of protective casing, 2.50 ft above land surface.

PERIOD OF RECORD.--Aug. 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 12.98 ft below land surface, Apr. 13, 1997; lowest, 20.99 ft below land surface, Oct. 10-11, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	15.81	16.07	15.91	15.81	15.68	15.44	14.41	14.25	14.63	15.22	15.69	16.27
10	15.86	16.16	15.79	15.80	15.59	15.42	14.17	14.27	14.76	15.22	15.75	16.36
15	15.91	16.05	15.83	15.84	15.66	15.40	14.16	14.29	14.83	15.32	15.86	16.45
20	15.98	16.00	15.76	15.60	15.59	15.34	14.05	14.41	14.98	15.36	15.92	16.53
25	16.01	15.99	15.77	15.55	15.50	15.29	14.09	14.45	15.08	15.44	16.04	16.64
EOM	16.06	16.03	15.79	15.63	15.44	15.07	14.13	14.57	15.12	15.59	16.11	16.74
MEAN	15.92	16.07	15.81	15.72	15.60	15.35	14.23	14.34	14.86	15.33	15.87	16.45
MAX	16.06	16.16	15.96	15.85	15.72	15.47	15.00	14.57	15.12	15.59	16.11	16.74
MIN	15.75	15.99	15.72	15.53	15.44	15.07	14.01	14.14	14.60	15.13	15.60	16.16

WTR YR 2005 MEAN 15.46 HIGH 14.01 APR 23 LOW 16.74 SEP 30

15-1054 GSC Obs-1 Shallow

NJ-WRD Well Number, 15-1054. Site I.D., 394221075072201. Local I.D., GSC Obs-1 Shallow. NJ Permit Number, 31-33949.

LOCATION.--Lat 39°42'21", long 75°07'21", Hydrologic Unit 02040202, at Rowan University, about 500 ft north of the intersection of Whitney and Oakwood Streets, Glassboro Borough.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 2 in., depth 36 ft, screened 31 to 36 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60-minute recording interval. Periodic measurements, Mar. 1991 to Nov. 1994.

DATUM.--Land surface is 153.9 ft above NGVD of 1929. Measuring point: Top of base of aluminum locking cap, 3.85 ft above land surface.

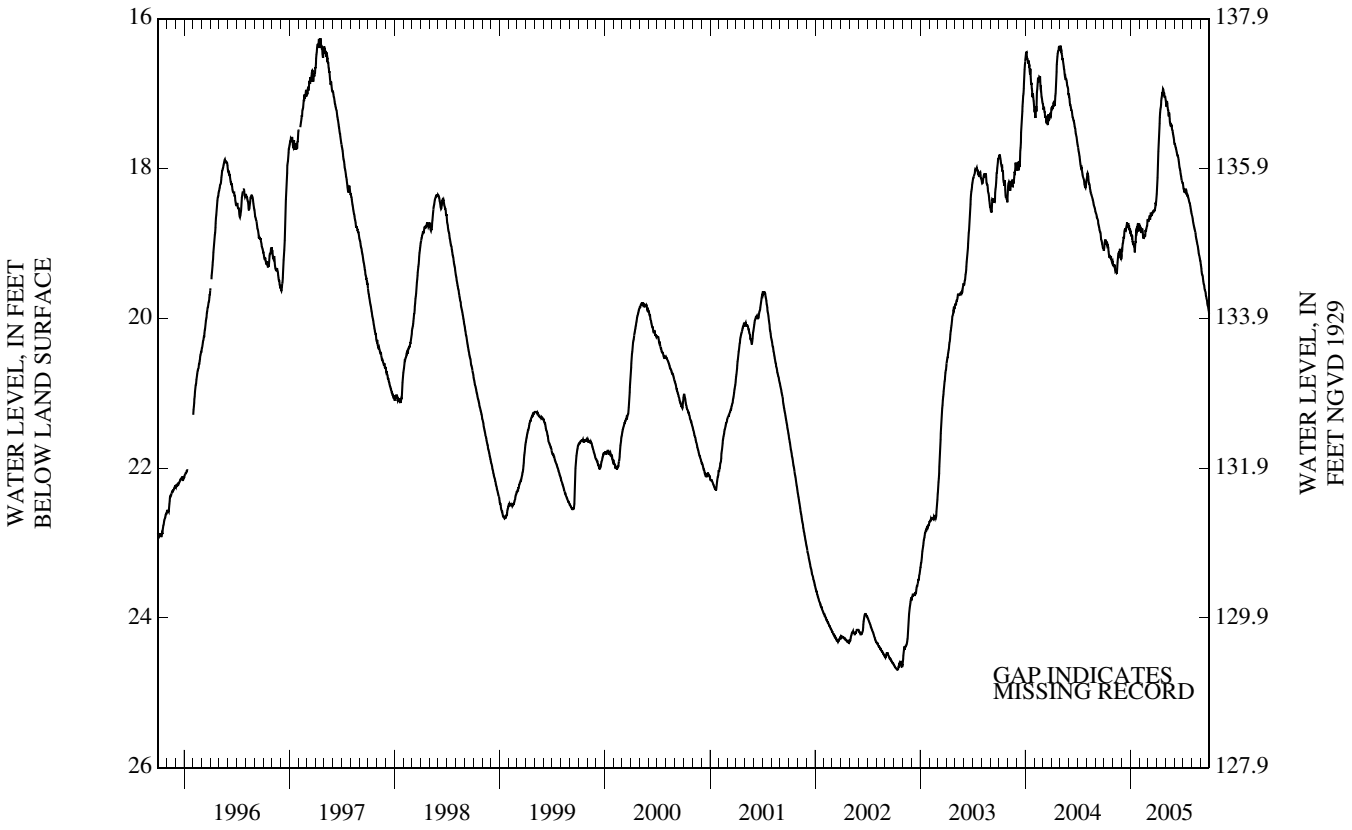
PERIOD OF RECORD.--Mar. 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 16.24 ft below land surface, Apr. 18, 1997; lowest, 24.70 ft below land surface, Oct. 12-14, 16, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	18.99	19.31	18.99	18.91	18.83	18.68	18.02	17.18	17.71	18.29	18.70	19.40
10	19.00	19.37	18.84	19.00	18.80	18.65	17.48	17.21	17.79	18.29	18.79	19.51
15	19.07	19.32	18.83	19.12	18.92	18.62	17.19	17.28	17.86	18.35	18.91	19.62
20	19.19	19.13	18.75	18.84	18.90	18.57	17.00	17.43	18.00	18.40	19.00	19.71
25	19.20	19.07	18.79	18.75	18.78	18.55	16.98	17.48	18.11	18.46	19.13	19.83
EOM	19.26	19.17	18.84	18.78	18.70	18.40	17.03	17.62	18.19	18.60	19.24	19.94
MEAN	19.11	19.25	18.85	18.90	18.84	18.59	17.37	17.33	17.91	18.37	18.93	19.62
MAX	19.26	19.40	19.09	19.12	18.93	18.71	18.34	17.62	18.19	18.60	19.24	19.94
MIN	18.95	19.07	18.72	18.73	18.70	18.40	16.94	17.06	17.65	18.19	18.61	19.28

WTR YR 2005 MEAN 18.59 HIGH 16.94 APR 23 LOW 19.94 SEP 30



15-1126 Glassboro ML-1 Obs

NJ-WRD Well Number, 15-1126. Site I.D., 394119075062701. Local I.D., Glassboro ML-1 Obs. NJ Permit Number, 31-34033-4.

LOCATION.--Lat 39°41'19", long 75°06'26", Hydrologic Unit 02040206, at the end of Pershing St., Glassboro Borough.

AQUIFER.--Wenonah-Mount Laurel aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 338 ft, screened 328 to 338 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements, Jan. to June 1995.

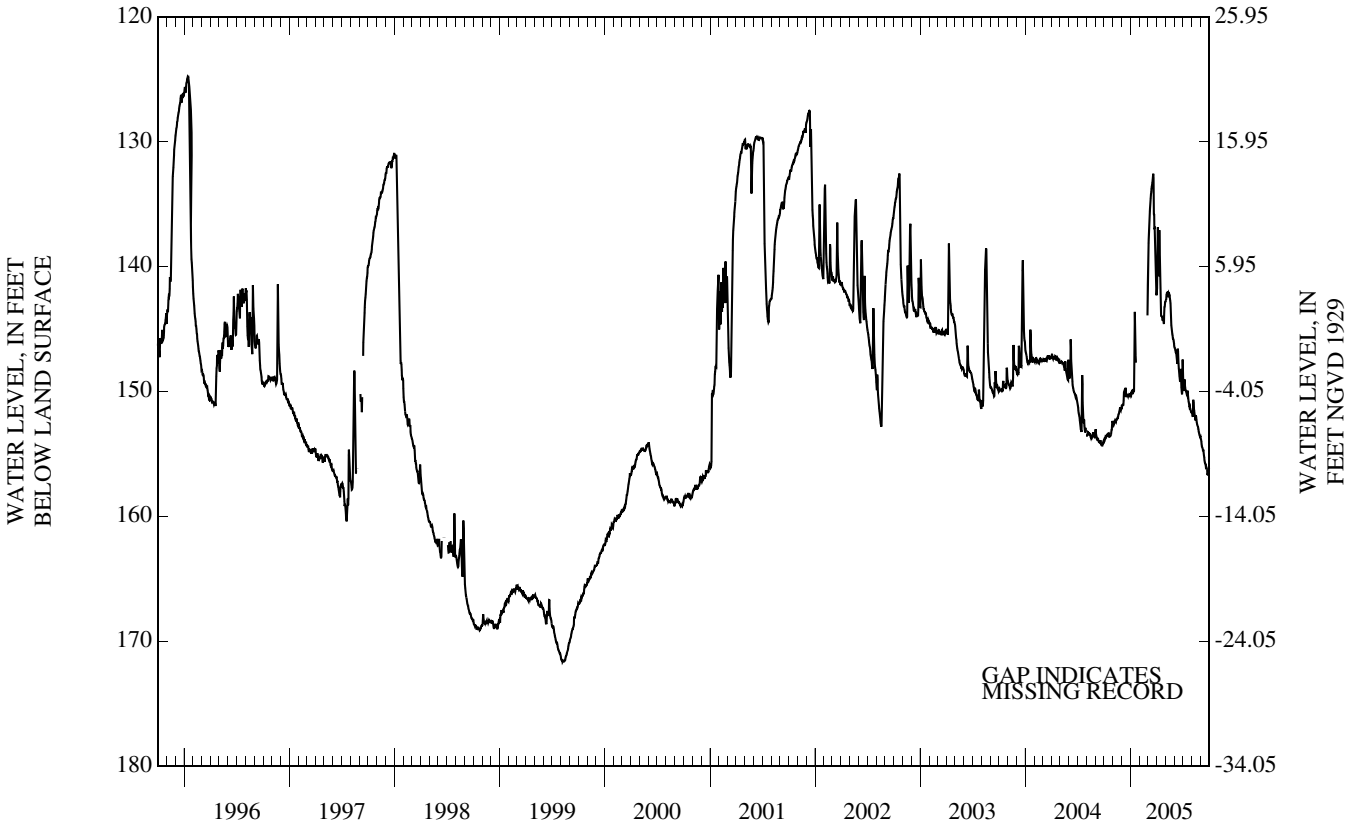
DATUM.--Land surface is 145.95 ft above NGVD of 1929. Measuring point: Top of recorder shelf, 2.20 ft above land surface.

PERIOD OF RECORD.--Jan. 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 124.76 ft below land surface, Jan. 12-13, 1996; lowest, 171.71 ft below land surface, Aug. 7, 1999.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	153.67	152.42	151.07	149.99	---	137.39	136.85	142.23	146.73	149.95	152.03	154.38
10	153.58	152.50	150.11	149.96	---	134.98	137.08	142.18	147.48	149.82	151.71	154.65
15	153.37	152.22	150.21	143.62	---	133.58	143.37	142.25	147.35	150.30	151.91	155.64
20	153.57	151.80	150.26	---	---	132.55	144.08	143.73	149.01	150.67	152.67	156.01
25	153.36	151.27	150.34	---	---	136.89	144.45	145.38	149.29	151.21	153.20	156.69
EOM	152.46	151.30	150.28	---	143.91	142.29	142.88	146.18	147.45	151.69	153.59	156.21
MEAN	153.42	152.03	150.41	---	---	136.50	142.03	143.51	147.94	150.31	152.37	155.44
MAX	154.03	152.69	151.16	---	---	142.29	144.60	146.18	150.23	151.69	153.61	156.73
MIN	152.36	151.27	149.70	---	---	132.55	136.85	142.08	146.34	147.96	150.67	153.77



15-1208 AG02

NJ-WRD Well Number, 15-1208. Site I.D., 394256075101001. Local I.D., AG02. NJ Permit Number, 31-49627.

LOCATION.--Lat 39°43'02", long 75°10'12", Hydrologic Unit 02040202, at Heritage Farm, Elmer-Barnsboro Rd., Richwood, Harrison Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.-- Drilled water-table observation well, diameter 2 in., depth 33 ft, screened 31 to 33 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

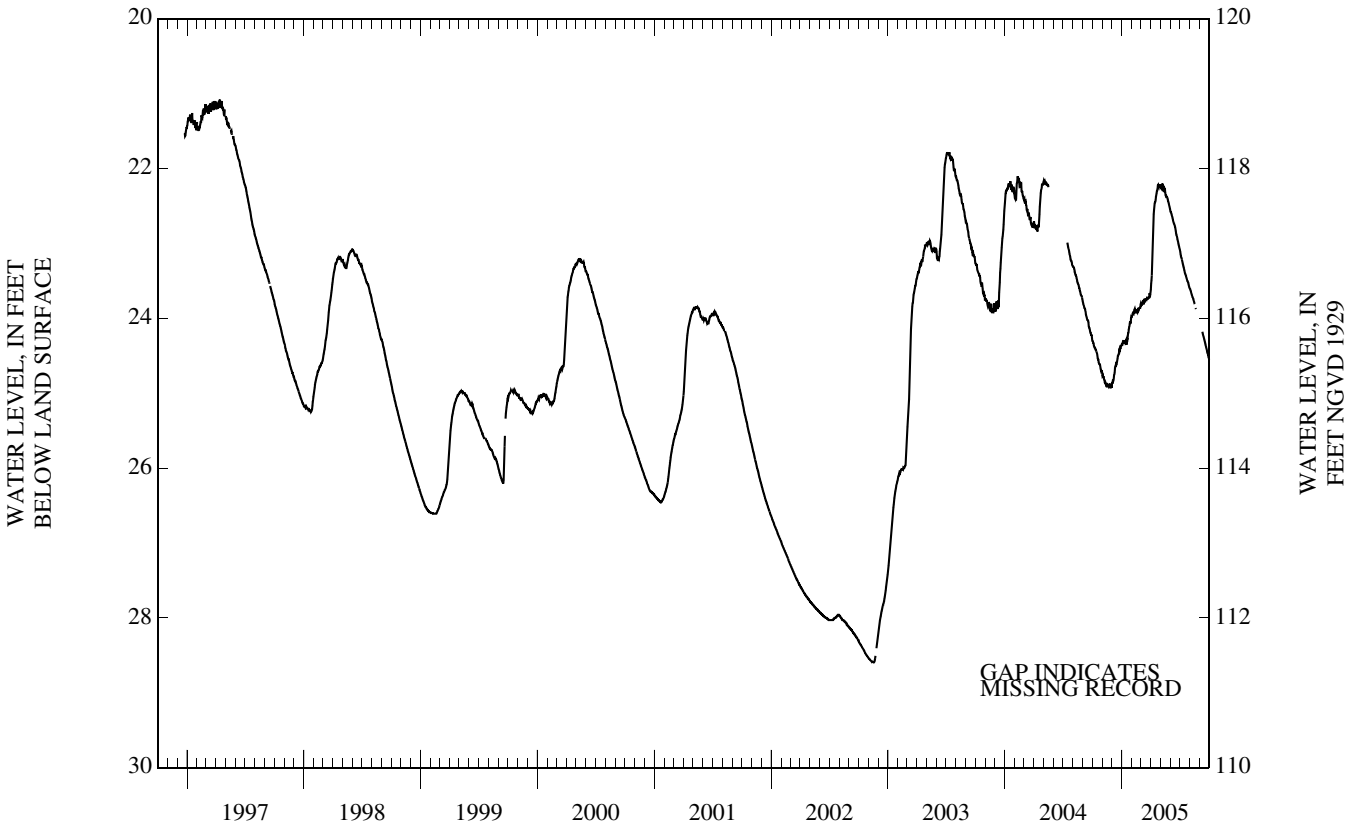
DATUM.-- Land surface is 140 ft above sea level, from topographic map. Measuring point: Top of protective casing, 2.95 ft above land surface.

PERIOD OF RECORD.--Dec. 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 21.01 ft below land surface, Mar. 26, Apr. 12-13, 1997; lowest, 28.61 ft below land surface, Nov. 17, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	24.37	24.80	24.84	24.31	23.94	23.81	23.28	22.28	22.62	23.18	23.65	---
10	24.41	24.87	24.67	24.30	23.87	23.80	22.61	22.27	22.70	23.27	23.72	24.20
15	24.47	24.89	24.62	24.35	23.91	23.78	22.44	22.27	22.77	23.36	23.80	24.28
20	24.59	24.90	24.50	24.20	23.91	23.73	22.30	22.37	22.89	23.44	23.88	24.37
25	24.64	24.87	24.42	24.08	23.86	23.73	22.23	22.43	22.98	23.50	---	24.46
EOM	24.73	24.91	24.35	23.98	23.82	23.66	22.21	22.54	23.07	23.60	---	24.55
MEAN	24.51	24.87	24.59	24.22	23.90	23.75	22.60	22.34	22.80	23.36	---	---
MAX	24.73	24.94	24.87	24.35	23.98	23.82	23.62	22.54	23.07	23.60	---	---
MIN	24.30	24.77	24.35	23.98	23.82	23.66	22.21	22.20	22.57	23.09	---	---



15-1213 UND06

NJ-WRD Well Number, 15-1213. Site I.D., 393749074550901. Local I.D., UND06. NJ Permit Number 31-49658.

LOCATION.--Lat 39°37'52", long 74°55'13", Hydrologic Unit 02040302, at Winslow Wildlife Management Area, Monroe Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 2 in., depth 15 ft, screened 13 to 15 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.--Land surface is 97 ft above sea level, from topographic map. Measuring point: Top of protective casing, 2.30 ft above land surface.

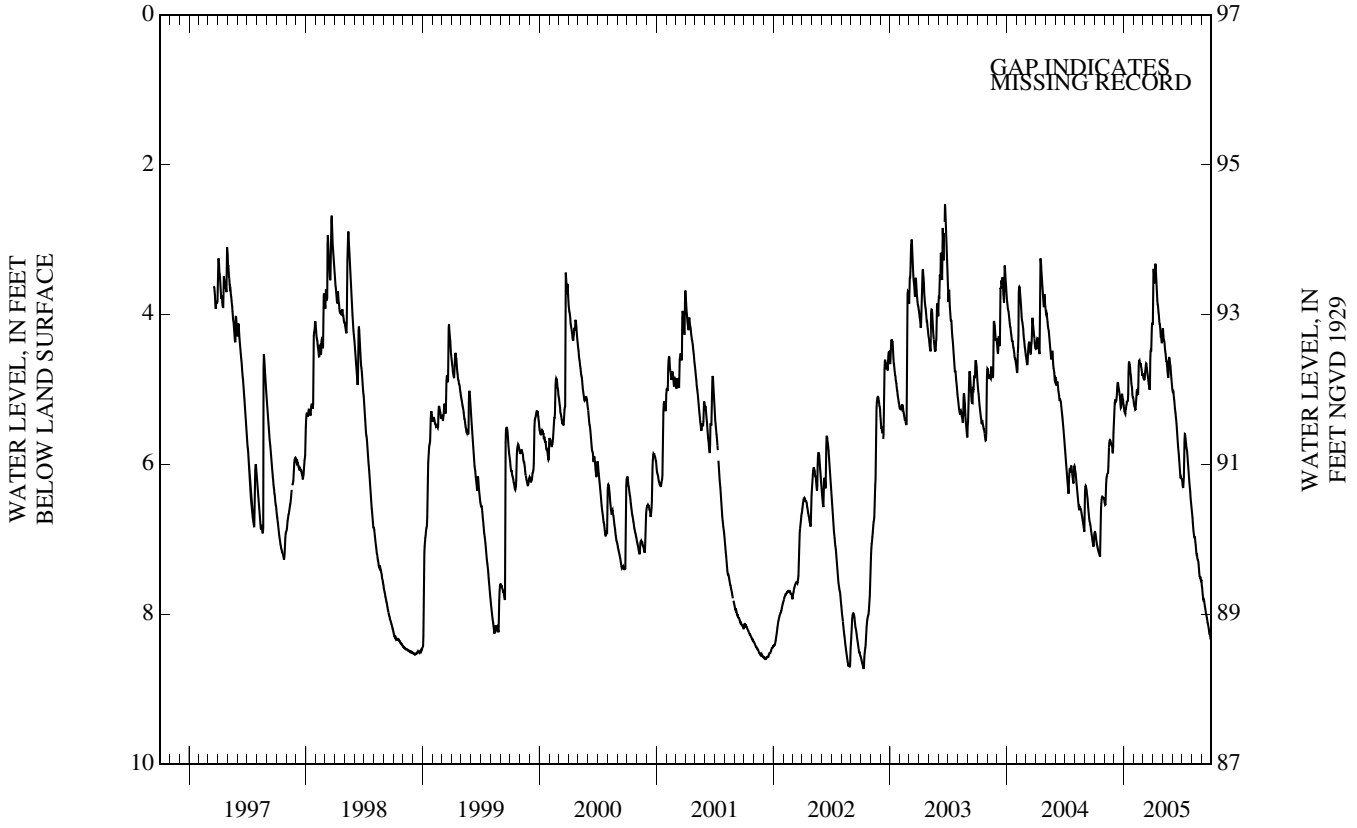
PERIOD OF RECORD.--March 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.50 ft below land surface, June 21, 2003; lowest, 8.73 ft below land surface, Oct. 9-11, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.96	6.40	5.15	5.33	5.27	4.87	3.47	4.33	5.07	6.31	6.83	7.79
10	7.10	6.13	5.04	5.15	5.01	4.68	3.37	4.50	5.29	5.60	6.96	7.88
15	7.18	5.77	4.98	4.77	4.85	4.78	3.81	4.66	5.52	5.78	7.19	8.01
20	6.76	5.69	5.15	4.71	4.67	4.94	4.02	4.80	5.82	5.98	7.28	8.13
25	6.43	5.76	5.08	4.95	4.73	4.48	4.24	4.66	6.10	6.27	7.50	8.26
EOM	6.46	5.48	5.21	5.16	4.79	4.11	4.37	4.95	6.20	6.58	7.54	8.36
MEAN	6.85	5.96	5.11	5.03	4.92	4.70	3.86	4.59	5.59	6.08	7.16	8.01
MAX	7.24	6.54	5.39	5.33	5.27	5.00	4.38	4.95	6.20	6.58	7.55	8.36
MIN	6.43	5.48	4.90	4.63	4.61	4.11	3.32	4.19	5.00	5.60	6.62	7.62

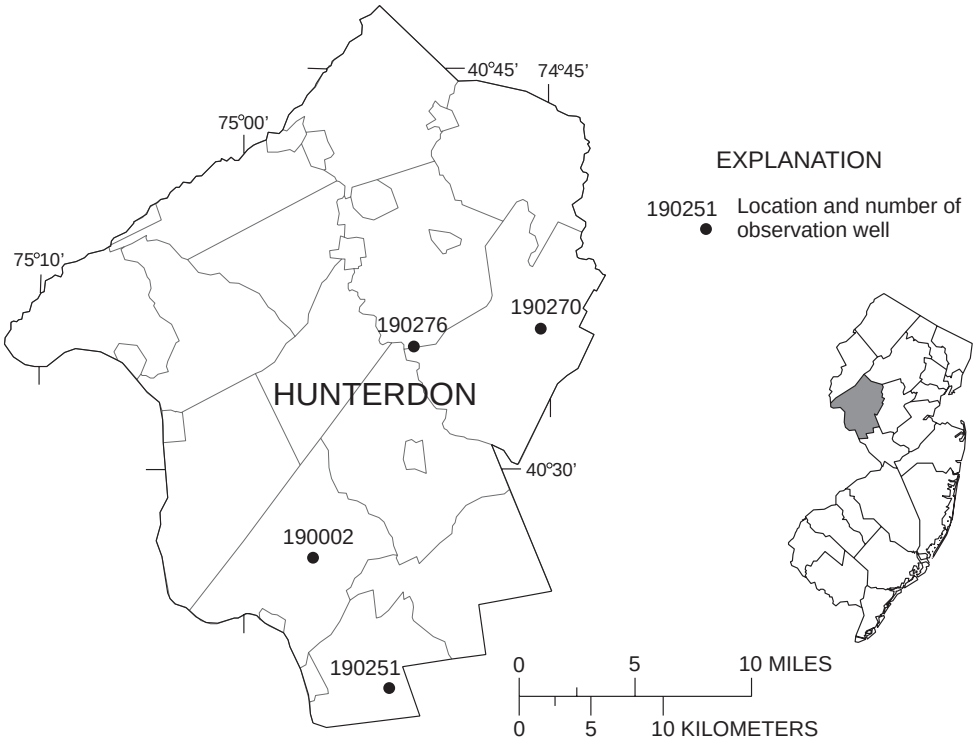
WTR YR 2005 MEAN 5.66 HIGH 3.32 APR 9 LOW 8.36 SEP 30



HUNTERDON COUNTY

NJ-WRD well number	Local identifier	Township	Well depth	Aquifer	Type of data
190002	BIRD OBS	DELAWARE TWP	21	SCKN	DAILY
190251	CORSALO RD TB1 OBS	WEST AMWELL TWP	299	PSSC	DAILY
190270	READINGTON 11 OBS	READINGTON TWP	101	PSSC	DAILY
190276	ENVIRONMENTAL CTR 1 OBS	CLINTON TWP	175	SCKN	DAILY

Aquifer names
PSSC - Passaic Formation
SCKN - Stockton Formation



19-0002 Bird Obs

NJ-WRD Well Number, 19-0002. Site I.D., 402644074563601. Local I.D., Bird Obs.

LOCATION.--Lat 40°26'44", long 74°56'35", Hydrologic Unit 02040105, near U.S. Post Office, Sergeantsville, Delaware Township.

AQUIFER.--Stockton Formation of Triassic age.

WELL CHARACTERISTICS.--Dug water-table observation well, diameter 36 in., depth 21 ft, lined with stone.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements, July 1970 to May 1977. Water-level recorder, June 1965 to July 1970.

DATUM.--Land surface is 342.08 ft above NGVD of 1929. Measuring point: Top of recorder shelf, 1.50 ft above land surface.

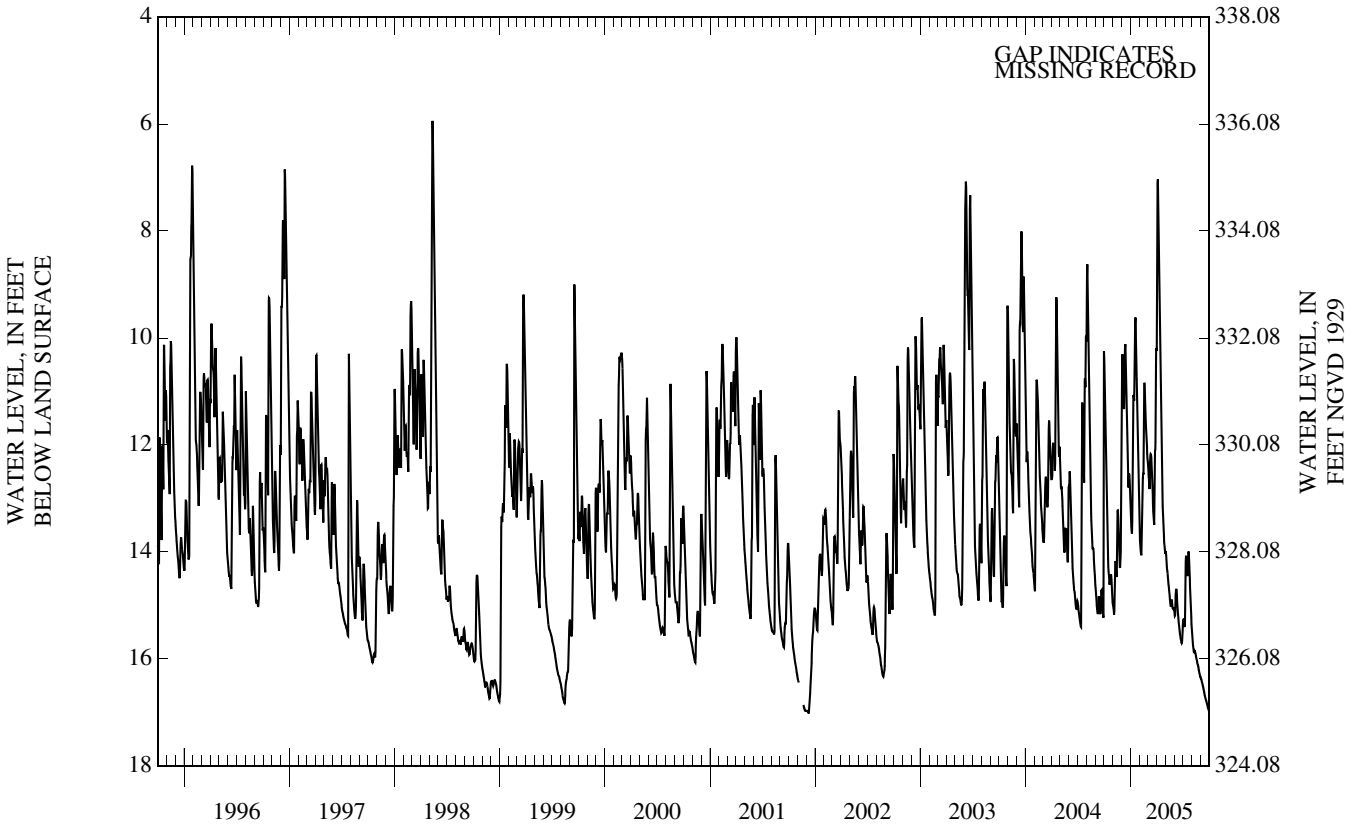
PERIOD OF RECORD.--June 1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 5.27 ft below land surface, Mar. 29, 1993; lowest, 17.04 ft below land surface, Jan. 26-28, 1981.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	11.89	15.10	10.67	13.66	14.02	12.66	7.03	14.17	14.99	15.28	15.73	16.43
10	13.45	14.26	11.08	11.07	13.50	12.21	8.56	14.49	14.80	14.51	15.87	16.54
15	14.28	13.42	10.50	9.97	11.84	12.45	10.84	14.77	15.23	14.29	15.93	16.68
20	14.59	13.71	11.94	10.24	11.17	13.25	12.67	15.03	15.50	14.02	16.08	16.78
25	14.43	14.30	12.63	12.00	11.89	12.46	13.57	14.99	15.67	14.51	16.20	16.89
EOM	14.98	10.97	13.12	13.48	12.26	10.19	14.01	15.06	15.46	15.35	16.33	16.98
MEAN	13.66	13.99	11.49	11.79	12.52	12.39	10.90	14.68	15.26	14.70	15.98	16.67
MAX	14.98	15.18	13.12	13.66	14.06	13.49	14.01	15.07	15.71	15.40	16.33	16.98
MIN	10.39	10.97	10.12	9.62	10.84	10.19	7.03	13.99	14.69	13.99	15.46	16.35

WTR YR 2005 MEAN 13.67 HIGH 7.03 APR 5 LOW 16.98 SEP 30



19-0251 Corsalo Rd TB 1 Obs

NJ-WRD Well Number, 19-0251. Site I.D., 402151074525301. Local I.D., Corsalo Rd TB 1 Obs. NJ Permit Number, 27-10124.

LOCATION.--Lat 40°21'51", long 74°52'52", Hydrologic Unit 02040105, 1,100 ft east of the intersection of County Rt. 518 and Corsalo Rd., West Amwell Township.

AQUIFER.--Passaic Formation of Triassic-Jurassic age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 3 in., depth 299 ft, open hole 21.5 to 299 ft.

INSTRUMENTATION.--Data collection platform with satellite telemetry--60 minute recording interval. Submersible logger pressure transducer, July 1999 to Aug. 2002. Water-level recorder, June 1989 to July 1999.

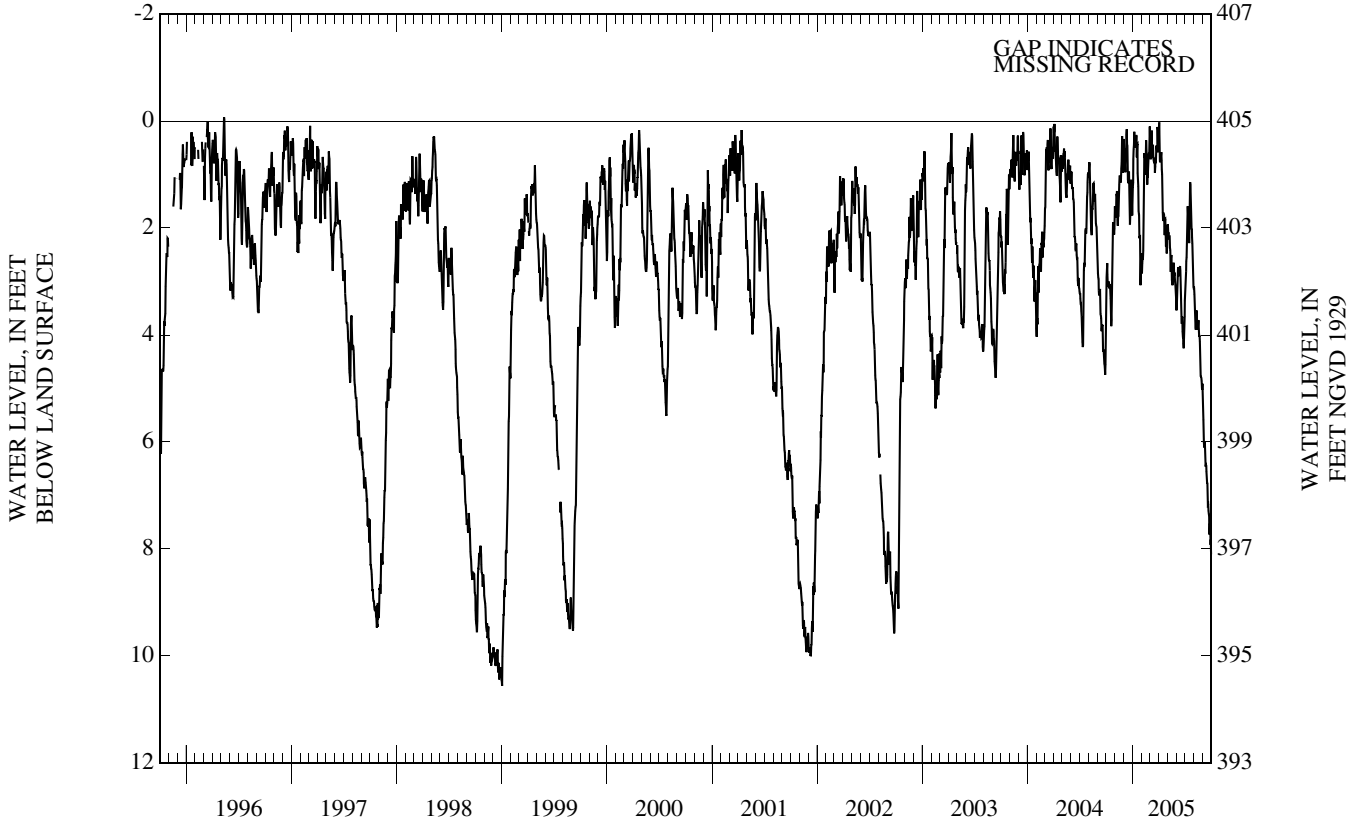
DATUM.--Land surface is 405 ft above NGVD of 1929, from topographic map. Measuring point: Top of casing, 2.35 ft above land surface.

PERIOD OF RECORD.--June 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 0.51 ft above land surface, Mar. 13, 1993; lowest, 10.65 ft below land surface, Jan. 1-2, 1999.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.87	1.39	0.83	0.45	2.59	0.68	0.75	2.22	3.01	2.81	3.55	6.00
10	3.00	1.96	0.26	0.28	0.60	0.69	0.58	2.37	2.90	1.67	3.54	6.30
15	3.19	1.19	1.09	0.68	0.62	0.75	1.71	2.50	2.79	2.12	3.90	6.67
20	3.35	1.15	1.18	1.22	1.19	0.85	1.80	3.02	3.79	1.19	4.03	7.16
25	1.89	0.28	1.27	2.16	0.62	0.48	2.06	2.89	4.07	2.03	4.77	7.74
EOM	1.59	0.74	1.57	2.71	0.31	0.58	2.37	3.29	3.65	3.10	4.91	8.10
MEAN	2.79	1.24	1.03	1.21	1.22	0.57	1.38	---	3.37	2.20	4.02	6.75
MAX	3.83	1.96	1.94	3.07	2.85	0.97	2.48	---	4.25	3.36	5.03	8.10
MIN	1.59	0.28	0.15	0.20	0.31	0.10	0.03	---	2.71	1.14	3.12	5.23



19-0270 Readington 11 Obs

NJ-WRD Well Number, 19-0270. Site I.D., 403517074452501. Local I.D., Readington 11 Obs. NJ Permit Number, 25-33679-7.

LOCATION.--Lat 40°35'17", long 74°45'24", Hydrologic Unit 02030105, behind Readington School, on Readington Rd. (County Rd. 620), Readington Township.

AQUIFER.--Passaic Formation of Triassic-Jurassic age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 101 ft, open hole 50 to 101 ft.

INSTRUMENTATION.--Data collection platform with satellite telemetry--60 minute recording interval. Water-level recorder, Apr. 1990 to May 2001.

DATUM.--Land surface is 224.99 ft above NGVD of 1929. Measuring point: Top of casing, 2.13 ft above land surface.

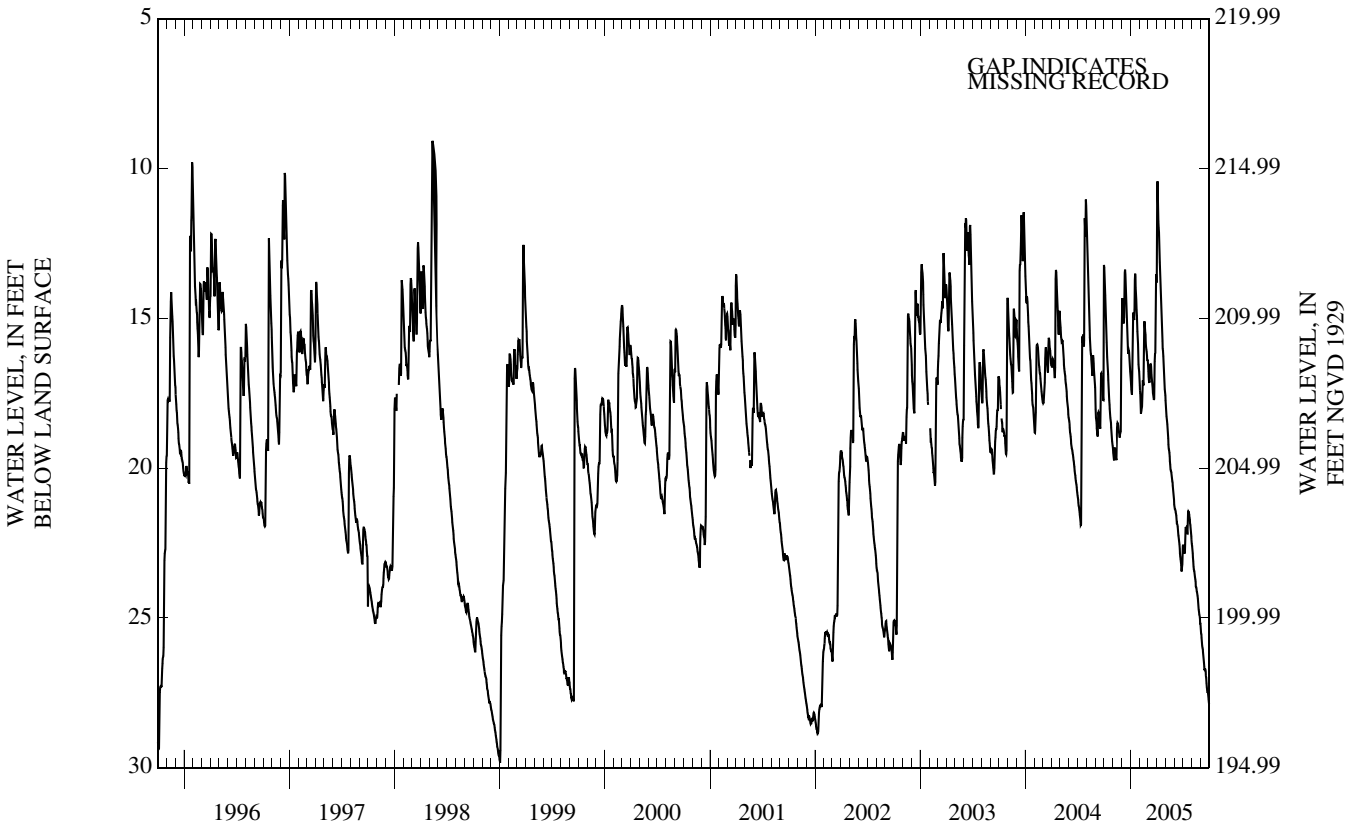
PERIOD OF RECORD.--Apr. 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 8.64 ft below land surface, Mar. 26, 1993; lowest, 29.86 ft below land surface, Jan. 2-3, 1999.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	14.64	19.52	14.73	17.55	18.18	17.06	10.90	18.28	21.41	22.70	22.97	25.81
10	16.03	19.65	14.40	14.81	17.68	16.54	12.39	18.88	21.87	22.05	23.46	26.26
15	17.06	18.56	14.28	13.72	16.38	17.03	14.22	19.49	22.24	22.08	23.96	26.73
20	18.03	18.72	15.49	14.38	15.47	17.57	15.50	20.09	22.70	21.53	24.20	27.01
25	18.65	18.84	16.07	15.64	16.12	16.45	16.54	20.43	23.25	21.72	24.72	27.48
EOM	19.33	15.87	16.91	17.03	16.40	13.63	17.47	21.06	22.91	22.40	25.19	27.88
MEAN	16.96	18.89	15.19	15.60	16.72	16.60	14.25	19.49	22.29	22.12	23.94	26.70
MAX	19.33	19.74	16.91	17.55	18.18	17.73	17.47	21.06	23.45	22.85	25.19	27.88
MIN	13.31	15.87	13.38	13.51	15.10	13.53	10.43	17.58	21.22	21.43	22.54	25.37

WTR YR 2005 MEAN 19.07 HIGH 10.43 APR 4 LOW 27.88 SEP 30



19-0276 Environmental Ctr 1 Obs

NJ-WRD Well Number, 19-0276. Site I.D., 403455074514801. Local I.D., Environmental Ctr 1 Obs. NJ Permit Number, 24-25826.

LOCATION.--Lat 40°34'38", long 74°51'38", Hydrologic Unit 02030105, at the Hunterdon County Arboretum, Rt. 31, Clinton Township.

AQUIFER.--Stockton Formation of Triassic age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 175 ft, open hole 55 to 175 ft.

INSTRUMENTATION.--Data collection platform with satellite telemetry--60 minute recording interval. Water-level recorder, May 1992 to Aug. 2002. Periodic measurements, Mar. 1991 to May 1992.

DATUM.--Land surface is 170.4 ft above NGVD of 1929. Measuring point: Top of casing, 1.36 ft above land surface.

REMARKS.--Water level is affected by nearby pumping.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 8.44 ft below land surface, Mar. 29, 1994; lowest, 12.75 ft below land surface, Aug. 11, 1995.

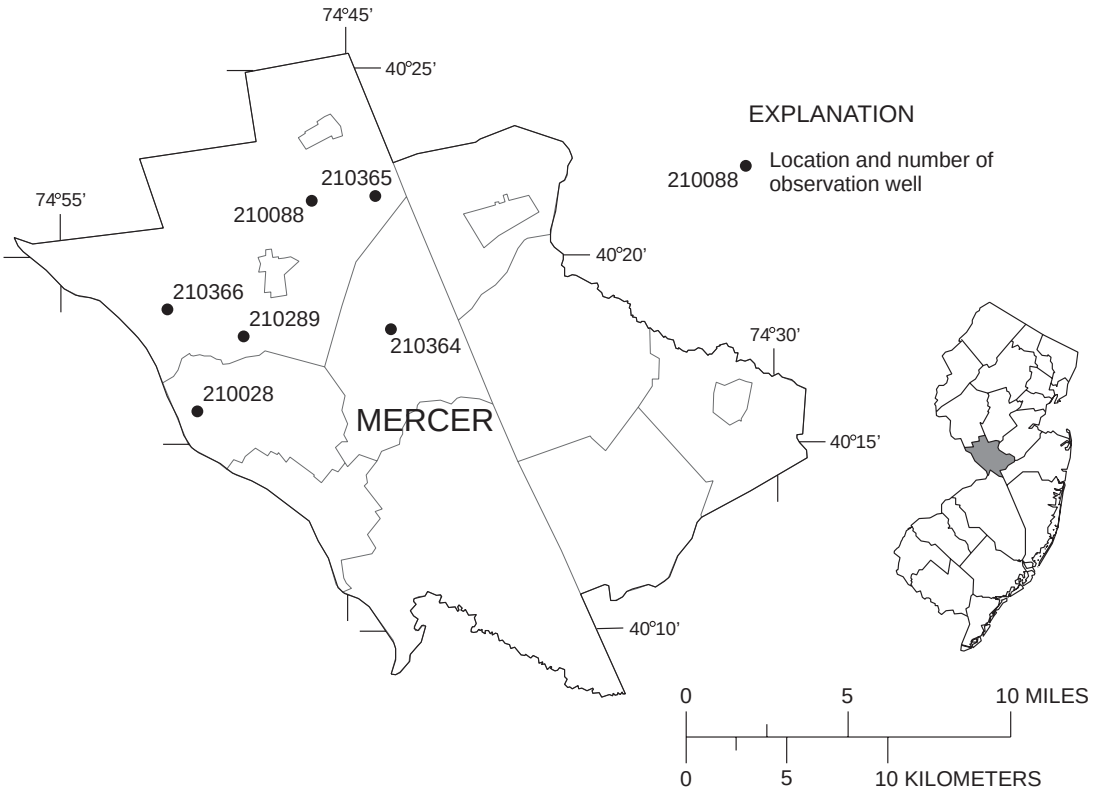
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	10.25	10.25	9.90	9.94	10.19	9.98	9.73	10.24	10.57	10.65	11.59	11.29
10	10.25	10.49	9.45	9.69	9.78	9.90	9.70	10.33	10.70	10.32	10.84	11.40
15	10.27	10.23	9.90	9.66	9.61	9.99	10.02	10.39	10.85	10.56	10.85	11.46
20	10.39	10.26	9.95	9.76	9.92	9.97	10.08	10.48	10.98	10.59	10.90	11.56
25	10.40	10.01	9.92	9.95	9.88	9.70	10.13	10.50	10.93	10.60	11.22	11.57
EOM	10.39	9.91	9.98	10.17	9.83	9.75	10.13	10.70	10.39	10.81	11.02	11.80
MEAN	10.32	10.25	9.85	9.86	9.95	9.86	9.89	10.40	10.78	10.55	11.01	---
MAX	10.50	10.51	10.09	10.18	10.23	10.03	10.24	10.70	11.12	10.81	11.59	---
MIN	10.14	9.74	9.45	9.51	9.61	9.42	9.24	10.07	10.39	10.13	10.84	---

MERCER COUNTY

NJ-WRD well number	Local identifier	Township	Well depth	Aquifer	Type of data
210028	CIVIL DEFENSE OBS	EWING TWP	300	LCKG	DAILY
210088	HONEY BR 10 OBS	HOPEWELL TWP	150	PSSC	MANUAL
210289	BRISTOL-MYERS 100 OBS	HOPEWELL TWP	300	PSSC	DAILY
210364	CRANSTON FARMS 15 OBS	LAWRENCE TWP	200	SCKN	DAILY
210365	AT&T NORTH OBS	HOPEWELL TWP	99	PSSC	DAILY
210366	WASH CROSSING PK 14 OBS	HOPEWELL TWP	225	PSSC	DAILY

Aquifer names
LCKG - Lockatong Formation
PSSC - Passaic Formation
SCKN - Stockton Formation



21-0028 Civil Defense Obs

NJ-WRD Well Number, 21-0028. Site I.D., 401552074501801. Local I.D., Civil Defense Obs. NJ Permit Number, 27-04214.

LOCATION.--Lat 40°15'53", long 74°50'11", Hydrologic Unit 02040105, at the State Police Headquarters, Ewing Township.

AQUIFER.--Lockatong Formation of Triassic age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 300 ft, open hole 33 to 300 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60-minute recording interval. Periodic measurements, July 1970 to Sept. 1976 and Apr. 1978 to Apr. 2001. Water-level recorder, June 1964 to July 1970.

DATUM.--Land surface is 122.99 ft above NGVD of 1929. Measuring point: Top of base of aluminum locking cap, 0.0 ft above land surface.

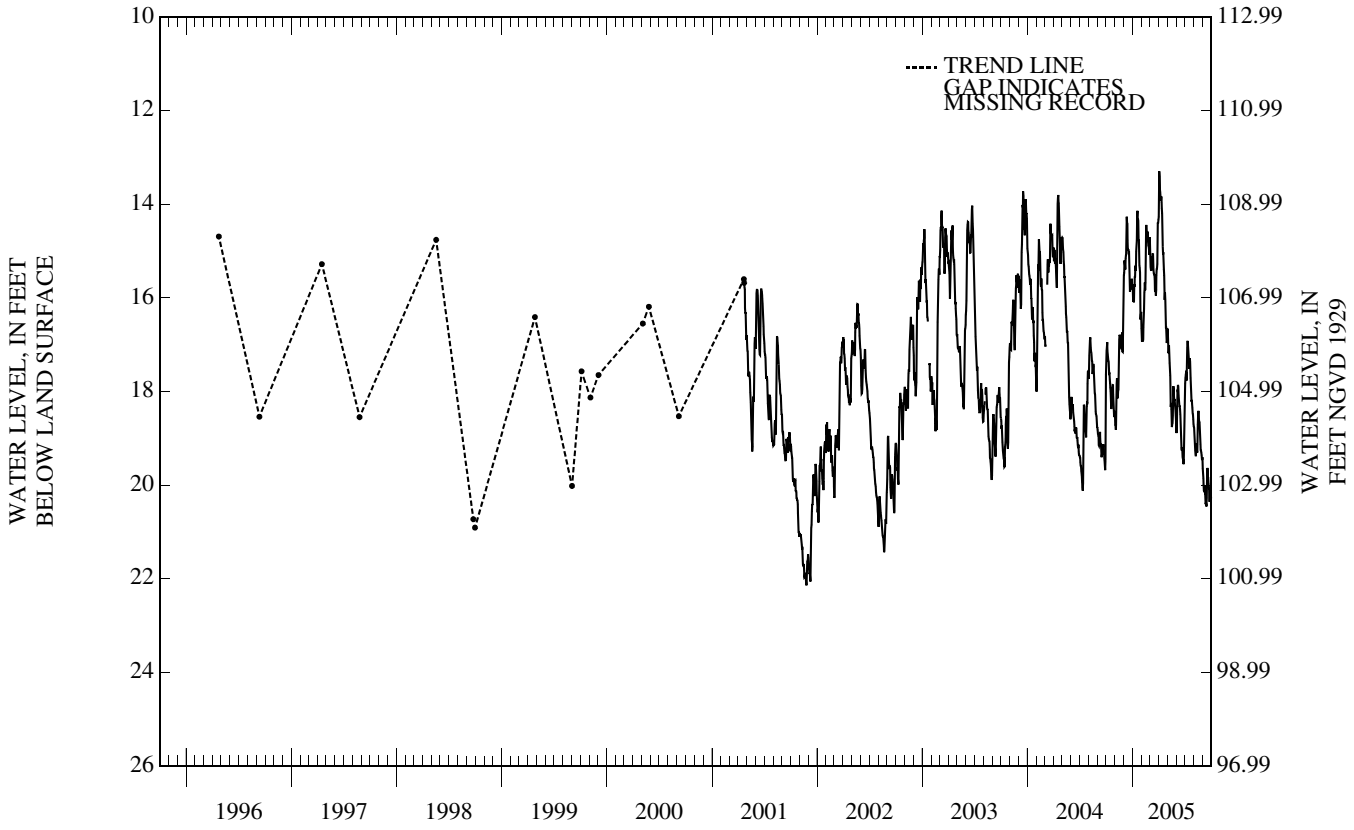
PERIOD OF RECORD.--June 1964 to Sept. 1976, Apr. 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 13.26 ft below land surface, Apr. 3, 2005; lowest, 49.69 ft below land surface, June 17, 1964.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.12	18.10	15.31	16.09	16.93	15.40	13.67	17.18	18.00	17.59	19.13	20.11
10	17.45	18.15	14.54	15.31	15.88	15.29	13.83	17.51	18.17	16.93	19.11	20.27
15	17.92	16.89	14.99	14.77	15.05	15.47	14.91	18.38	18.50	17.37	18.71	20.28
20	17.96	17.03	15.37	14.35	14.81	15.80	15.52	18.52	19.26	17.56	18.64	19.84
25	18.06	16.74	15.75	15.36	14.90	15.39	16.35	18.20	19.47	18.18	19.25	20.35
EOM	18.44	16.02	15.77	16.65	14.83	14.33	16.91	18.64	18.29	18.70	19.41	20.28
MEAN	17.80	17.43	15.27	15.39	15.58	15.28	14.98	17.90	18.70	17.73	19.04	20.09
MAX	18.55	18.82	15.87	16.65	16.93	15.95	16.96	18.76	19.55	18.70	19.46	20.46
MIN	16.95	16.02	14.27	14.14	14.44	14.33	13.30	16.65	17.86	16.92	18.41	19.63

WTR YR 2005 MEAN 17.11 HIGH 13.30 APR 3 LOW 20.46 SEP 14



21-0088 Honey Branch 10 Obs

NJ-WRD Well Number, 21-0088. Site I.D., 402131074461201. Local I.D., Honey Branch 10 Obs.

LOCATION.--Lat 40°21'31", long 74°46'10", Hydrologic Unit 02030105, at the Stony Brook-Millstone Watersheds Reserve, Wargo Rd., near Pennington, Hopewell Township.

AQUIFER.--Passaic Formation of Triassic-Jurassic age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 150 ft, open hole 20 to 150 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level recorder, Apr. 1994 to Mar. 1995. Periodic measurements, Oct. 1988 to Apr. 1994. Water-level recorder, Jan. 1987 to Oct. 1988. Periodic measurements, July 1984 to Jan. 1987. Water-level recorder, Apr. 1977 to July 1984. Periodic measurements, Aug. 1975 to Apr. 1977. Water-level recorder, June 1967 to Aug. 1975.

DATUM.--Land surface is 179.53 ft above NGVD of 1929. Measuring point: Top of base of locking well cap, 3.78 ft above land surface.

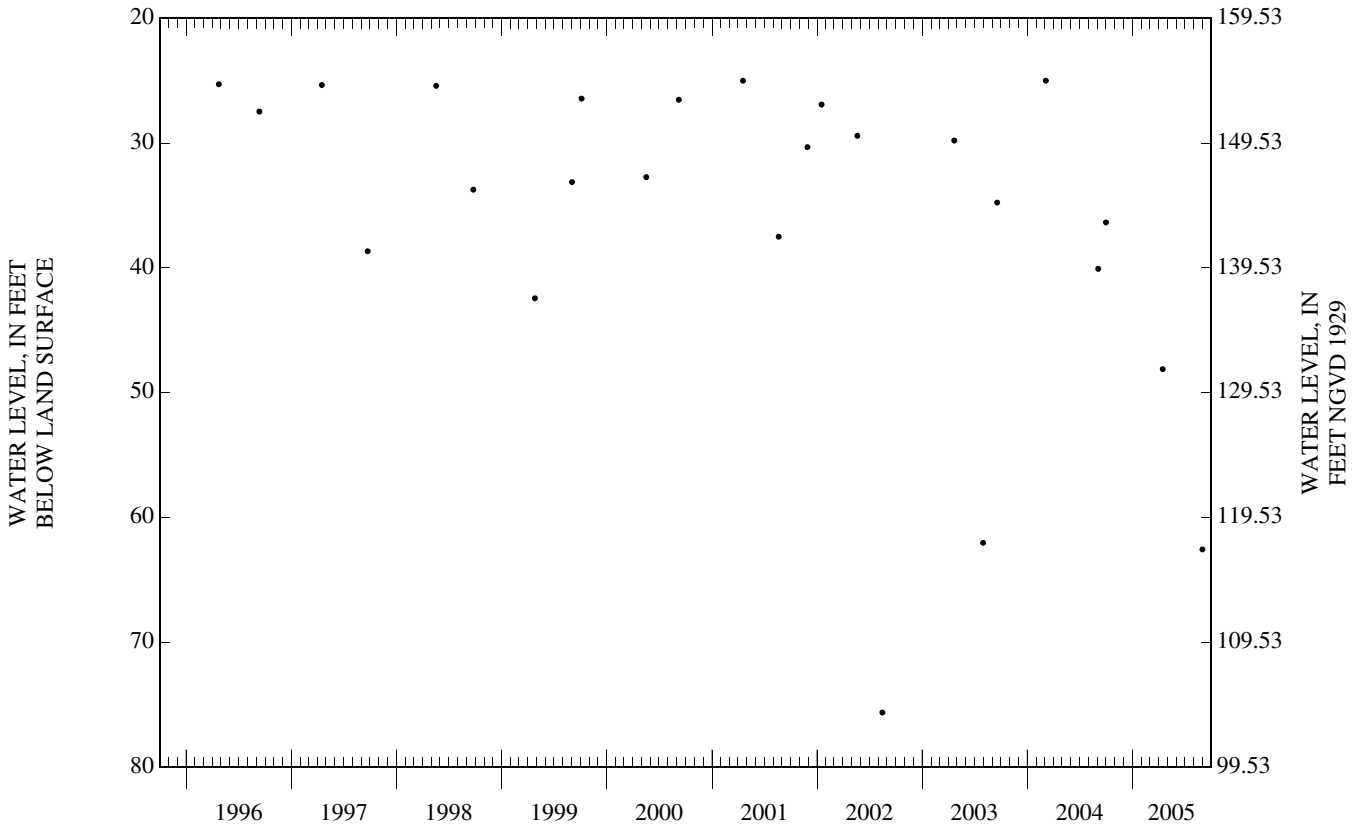
REMARKS.--Water level is affected by nearby pumping.

PERIOD OF RECORD.--June 1967 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 24.63 ft below land surface, July 21, 1967; lowest, 75.62 ft below land surface, Aug. 15, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 15	48.11	AUG 31	62.55



21-0289 Bristol-Myers 100 Obs

NJ-WRD Well Number, 21-0289. Site I.D., 401753074483501. Local I.D., Bristol-Myers 100 Obs.

LOCATION.--Lat 40°17'53", long 74°48'34", Hydrologic Unit 02040105, about 600 ft east of Scotch Rd. and about 1.1 mi north of I-95, interchange 3, Hopewell Township.

AQUIFER.--Passaic Formation of Triassic-Jurassic age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in., depth 300 ft, open hole 12 to 300 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval.

DATUM.--Land surface is 212 ft above NGVD of 1929, from topographic map. Measuring point: Top of shelf, 1.65 ft above land surface.

REMARKS.--Water level is occasionally affected by pumping of nearby irrigation well. Water level was affected by Mercuri and Assoc. aquifer tests between June and Aug. 2000.

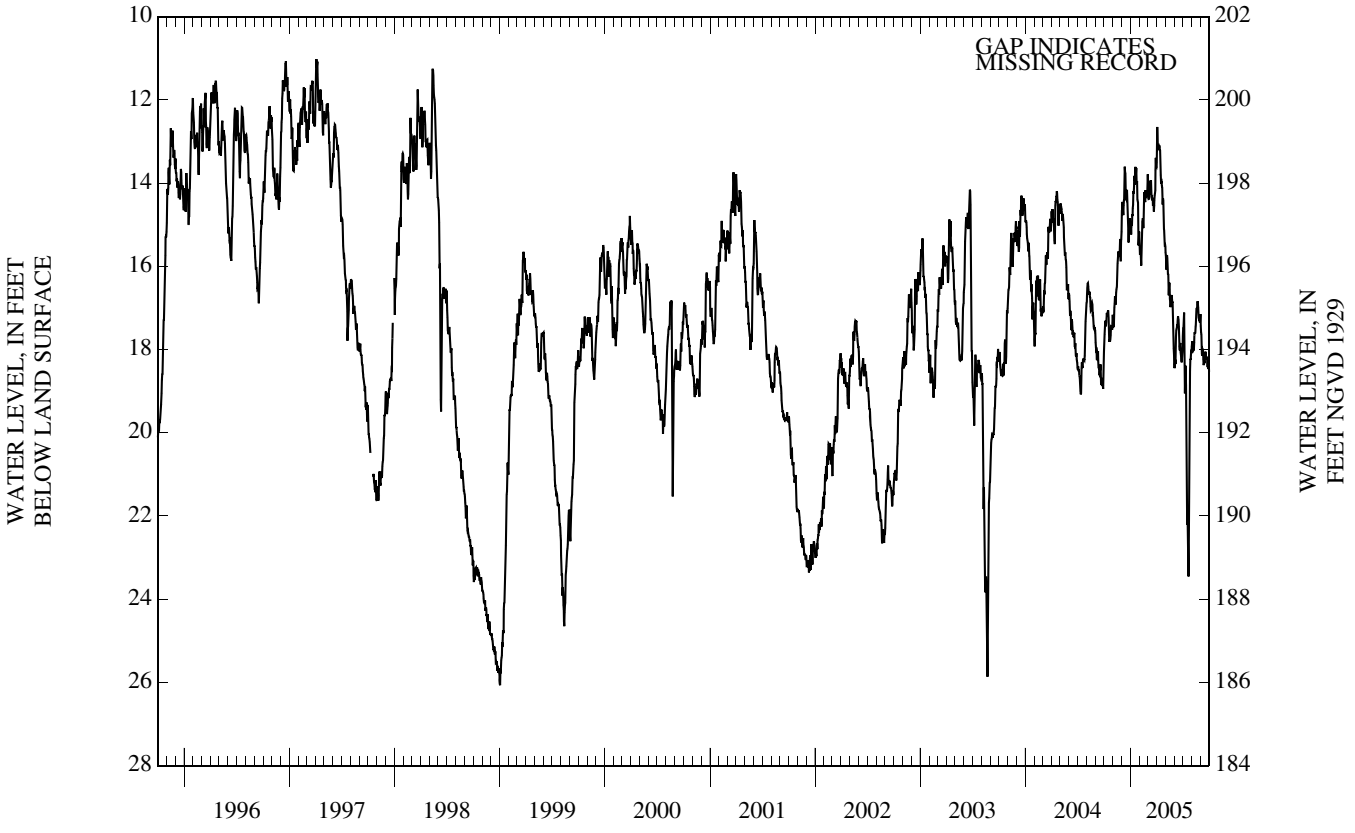
PERIOD OF RECORD.--Dec. 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 10.96 ft below land surface, Apr. 4, 1997; lowest, 26.54 ft below land surface, Aug. 22, 2003.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.39	16.99	14.65	15.02	15.80	14.38	13.19	16.08	18.35	17.11	17.89	18.11
10	17.12	16.90	13.94	14.20	14.94	14.21	13.09	16.20	17.47	18.39	17.67	18.23
15	17.09	16.20	14.39	14.04	14.69	14.39	13.81	16.39	17.26	21.77	17.41	18.30
20	17.77	15.70	14.40	13.64	14.46	14.52	14.09	16.92	18.02	23.42	16.93	18.16
25	17.45	15.34	15.43	14.43	14.20	14.30	14.74	16.87	18.21	18.86	17.23	18.41
EOM	17.17	15.17	15.01	15.43	14.02	13.62	15.48	18.14	17.90	18.07	17.15	18.53
MEAN	17.43	16.26	14.58	14.48	14.86	14.19	13.89	16.56	17.86	19.51	17.43	18.16
MAX	17.89	17.45	15.43	15.50	15.98	14.68	15.49	18.14	18.45	23.46	18.02	18.53
MIN	17.06	15.17	13.61	13.61	14.02	13.39	12.65	15.53	17.21	17.11	16.84	17.43

WTR YR 2005 MEAN 16.27 HIGH 12.65 APR 3 LOW 23.46 JUL 21



21-0364 Cranston Farms 15 Obs

NJ-WRD Well Number, 21-0364. Site I.D., 401804074432601. Local I.D., Cranston Farms 15 Obs. NJ Permit Number, 28-230000-1.

LOCATION.--Lat 40°18'04", long 74°43'25", Hydrologic Unit 02040105, 1,200 ft north of intersection of Cold Soil Rd. and Rt. 206, Lawrenceville, Lawrence Township.

AQUIFER.--Stockton Formation of Triassic age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 200 ft, open hole 50 to 200 ft.

INSTRUMENTATION.--Data collection platform with satellite telemetry--60 minute recording interval. Water-level recorder, Mar. 1990 to May 2001.

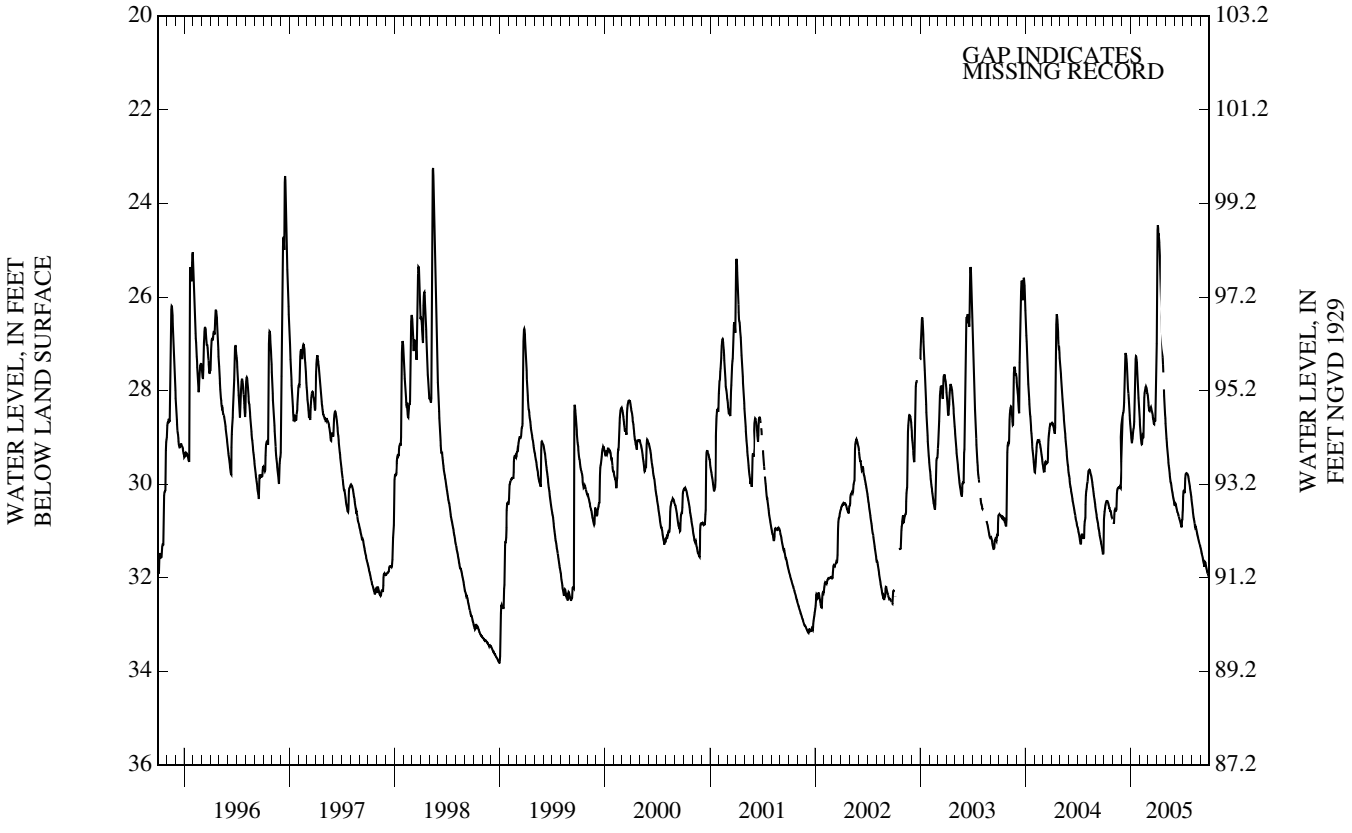
DATUM.--Land surface is 123.2 ft above NGVD of 1929. Measuring point: Top of casing, 2.22 ft above land surface.

PERIOD OF RECORD.--Mar. 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 22.58 ft below land surface, Apr. 2-3, 1993; lowest, 33.85 ft below land surface, Dec. 30, 1998.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	30.45	30.64	28.49	29.12	29.02	28.38	24.46	29.02	30.41	30.14	30.59	31.49
10	30.35	30.57	27.97	28.83	29.03	28.39	24.83	29.40	30.54	29.80	30.80	31.64
15	30.41	30.12	27.22	27.89	28.55	28.43	25.85	29.71	30.65	29.77	30.91	31.72
20	30.52	30.07	27.66	27.27	27.97	28.61	26.89	29.97	30.76	29.84	31.06	31.77
25	30.64	30.05	28.16	27.73	27.96	28.62	---	30.16	30.89	30.04	31.20	31.90
EOM	---	29.36	28.78	28.49	28.06	27.15	28.51	30.37	30.59	30.32	31.34	31.99
MEAN	---	---	28.07	28.25	28.51	28.36	---	29.67	30.64	30.01	30.94	31.71
MAX	---	---	29.12	29.12	29.14	28.71	---	30.37	30.92	30.55	31.34	31.99
MIN	---	---	27.20	27.26	27.91	27.15	---	28.59	30.40	29.76	30.38	31.37



21-0365 AT&T North Obs

NJ-WRD Well Number, 21-0365. Site I.D., 402138074435801. Local I.D., AT&T North Obs.

LOCATION.--Lat 40°21'38", long 74°43'57", Hydrologic Unit 02030105, AT&T, Carter Rd., Hopewell Township.

AQUIFER.--Passaic Formation of Triassic-Jurassic age.

WELL CHARACTERISTICS.--Drilled observation well, depth 99 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval.

DATUM.--Land surface is 231 ft above NGVD of 1929, by altimeter. Measuring point: Top of shelf, 3.00 ft above land surface.

REMARKS.--Water level is affected by nearby pumping.

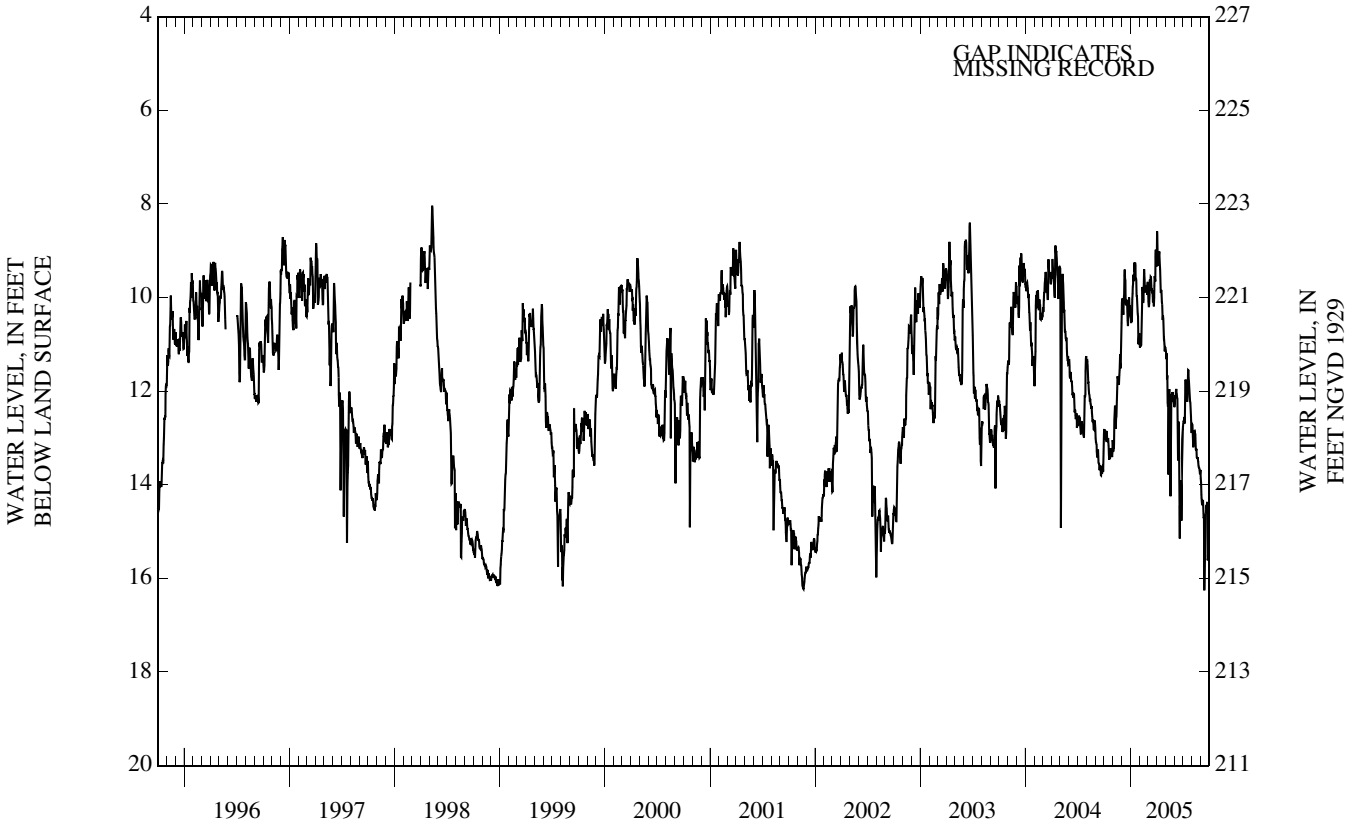
PERIOD OF RECORD.--Feb. 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 7.74 ft below land surface, Apr. 2, 2005; lowest, 16.88 ft below land surface, Sep. 19, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	12.96	12.61	10.27	10.45	11.02	10.21	9.30	11.32	12.14	12.61	13.01	14.38
10	12.85	12.80	9.53	9.51	9.77	9.73	9.02	12.34	12.09	11.76	12.85	14.55
15	13.07	11.85	10.14	9.45	9.61	9.83	9.90	11.96	13.17	12.16	13.25	15.48
20	13.39	11.86	10.30	9.63	9.89	10.09	10.15	12.91	15.15	11.56	13.44	14.49
25	13.28	11.21	10.15	10.35	9.77	9.54	10.71	12.08	14.08	12.15	13.61	15.62
EOM	13.07	10.54	10.38	10.97	9.71	9.32	11.06	12.22	13.09	12.89	13.68	14.76
MEAN	13.14	12.04	10.11	10.05	10.12	9.78	9.84	12.18	13.09	12.22	13.25	14.76
MAX	13.46	13.29	10.61	11.00	11.07	10.21	11.15	14.25	15.15	12.89	13.78	16.26
MIN	12.82	10.54	9.40	9.25	9.40	8.98	8.59	11.07	11.95	11.55	12.70	13.86

WTR YR 2005 MEAN 11.72 HIGH 8.59 APR 2 LOW 16.26 SEP 13



21-0366 Washington Crossing Park 14 Obs

NJ-WRD Well Number, 21-0366. Site I.D., 401834074515501. Local I.D., Washington Crossing Park 14 Obs. NJ Permit Number, 27-10248-3.

LOCATION.--Lat 40°18'37", long 74°51'14", Hydrologic Unit 02040105, off Brick Yard Rd., in Washington Crossing State Park, Hopewell Township.

AQUIFER.--Passaic Formation of Triassic-Jurassic age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 225 ft, open hole 50 to 225 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements, Apr. 1991 to Apr. 1992.

DATUM.--Land surface is 183.3 ft above NGVD of 1929. Measuring point: Top of shelf, 2.10 ft above land surface.

REMARKS.--Water level is affected by nearby pumping.

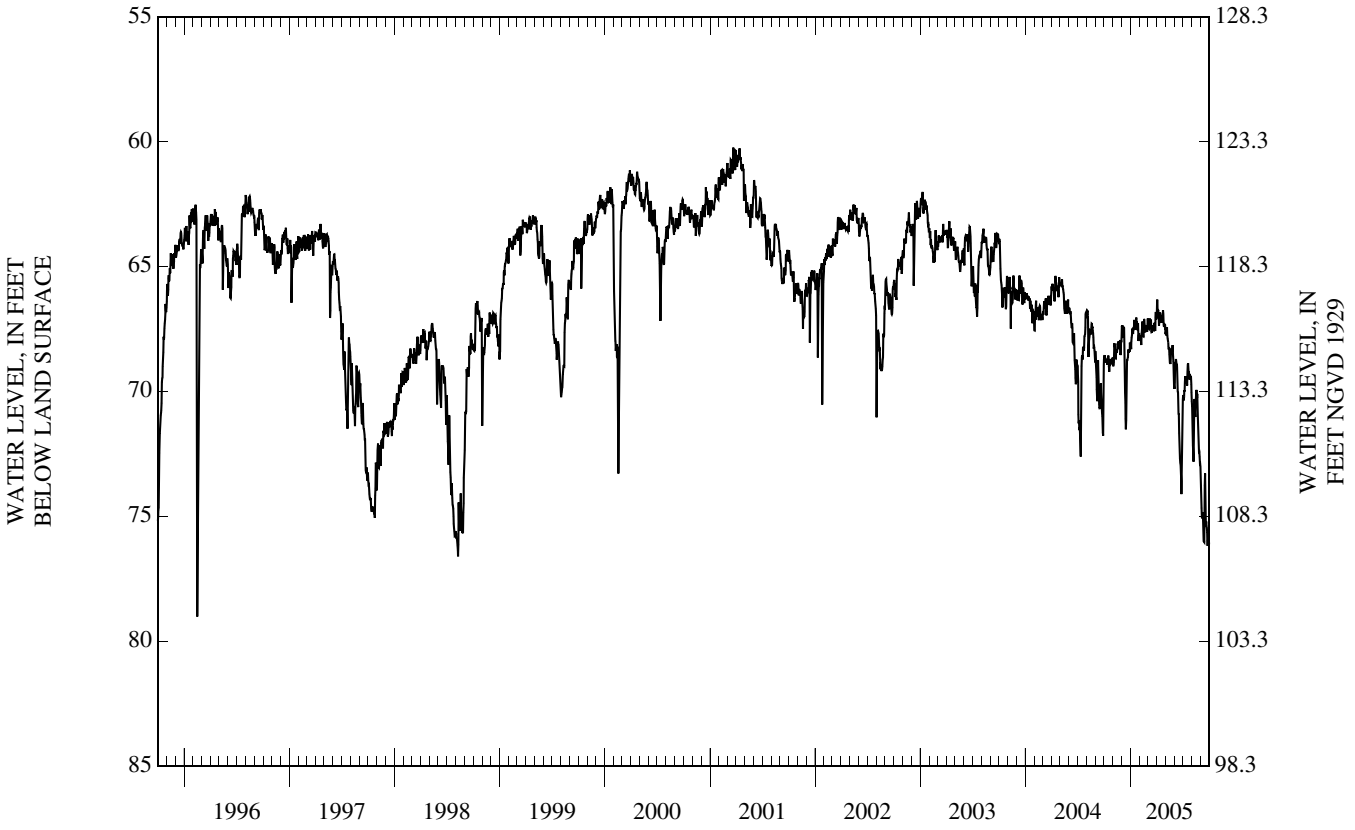
PERIOD OF RECORD.--Apr. 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 59.76 ft below land surface, Apr. 13, 2001; lowest, 95.09 ft below land surface, Sept. 3, 1995.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	68.77	68.07	67.76	67.75	67.94	67.47	66.83	67.76	68.97	70.22	72.16	75.05
10	68.75	68.68	67.94	67.48	67.20	67.38	67.19	67.96	68.89	69.53	70.30	75.58
15	68.56	68.30	71.52	67.52	67.35	67.62	67.06	68.52	70.57	69.70	70.39	73.76
20	68.87	68.19	68.74	67.04	67.63	67.48	67.03	68.59	72.39	69.09	70.10	75.20
25	68.86	67.94	68.44	67.38	67.35	67.38	67.31	68.32	73.59	69.34	72.08	76.18
EOM	68.80	67.87	68.11	67.90	67.34	67.09	67.32	69.76	70.57	70.04	73.01	76.12
MEAN	68.78	68.31	68.62	67.55	67.56	67.36	67.02	68.29	70.83	69.61	71.32	75.20
MAX	69.21	68.99	71.52	68.31	68.14	67.63	67.40	69.76	74.12	70.37	73.01	76.18
MIN	68.55	67.87	67.35	67.04	67.09	66.82	66.32	67.44	68.70	68.87	69.93	73.29

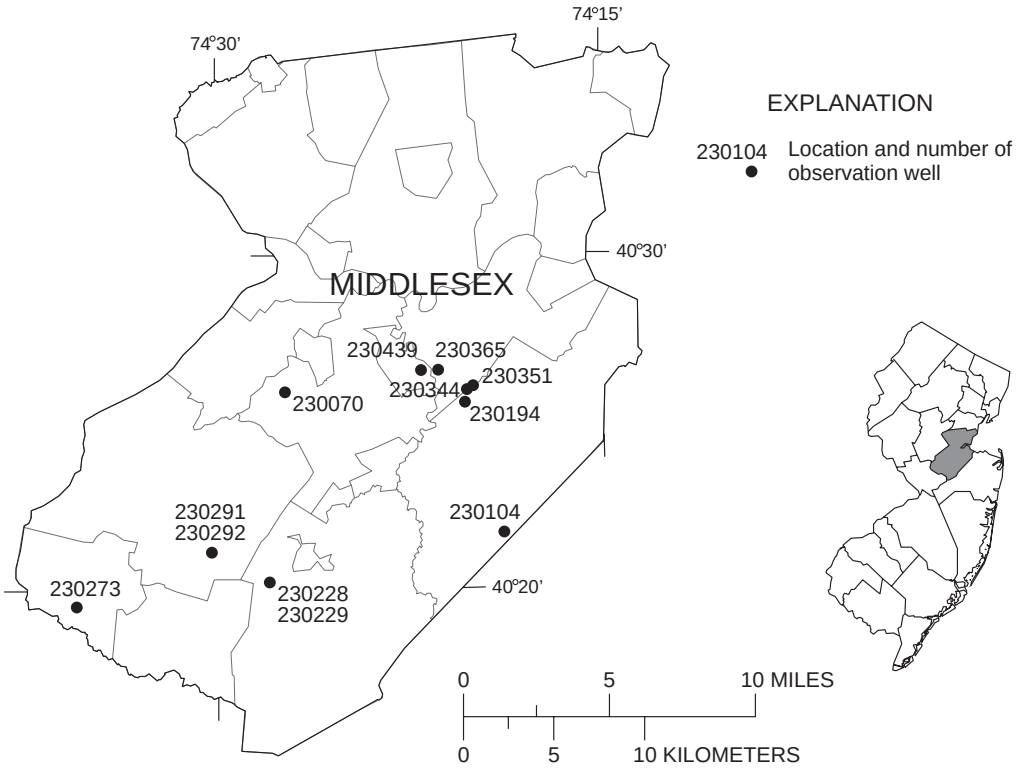
WTR YR 2005 MEAN 69.21 HIGH 66.32 APR 3 LOW 76.18 SEP 25



MIDDLESEX COUNTY

NJ-WRD well number	Local identifier	Township	Well depth	Aquifer	Type of data
230070	FISCHER OBS	EAST BRUNSWICK TWP	21	FRNG	DAILY
230104	MORRELL 1 OBS	OLD BRIDGE TWP	11	EGLS	DAILY
230194	RUNYON 1 OBS	OLD BRIDGE TWP	281	FRNG	MANUAL
230228	FORSGATE 3 OBS	MONROE TWP	138	ODBG	MANUAL
230229	FORSGATE 4 OBS	MONROE TWP	330	FRNG	DAILY
230273	PLAINSBORO POND OBS	PLAINSBORO TWP	75	MRPAM	MANUAL
230291	FORSGATE 1 OBS	SOUTH BRUNSWICK TWP	203	FRNG	DAILY
230292	FORSGATE 2 OBS	SOUTH BRUNSWICK TWP	104	ODBG	DAILY
230344	SAYREVILLE 2 OBS	SAYREVILLE BORO	37	ODBG	MANUAL
230351	SAYREVILLE 1 OBS	SAYREVILLE BORO	82	ODBG	MANUAL
230365	DUH SAY 4 OBS	SAYREVILLE BORO	160	FRNG	MANUAL
230439	SOUTH RIVER 2 OBS	SOUTH RIVER BORO	126	FRNG	MANUAL

Aquifer names
- EGLS - Englishtown aquifer system
- FRNG - Farrington aquifer
- MRPAM - Middle Potomac-Raritan-Magothy aquifer
- ODBG - Old Bridge aquifer



23-0070 Fischer Obs

NJ-WRD Well Number, 23-0070. Site I.D., 402553074271701. Local I.D., Fischer Obs.

LOCATION.--Lat 40°25'55", long 74°27'18", Hydrologic Unit 02030105, 32 Beaver Dam Drive and Hardenburg Lane, East Brunswick Township.

AQUIFER.--Farrington aquifer, Potomac-Raritan-Magothy aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Dug water-table observation well, diameter 54 in., depth 21 ft, lined with concrete blocks.

INSTRUMENTATION.--Data collection platform with satellite telemetry--60 minute recording interval. Water-level recorder, Apr. 1985 to May 2005. Water-level extremes recorder, Jan. 1977 to Apr. 1985. Water-level recorder, July 1936 to April 1975.

DATUM.--Land surface is 73.00 ft above NGVD of 1929. Measuring point: Top of angle iron at bottom of shelter doors, 1.70 ft above land surface.

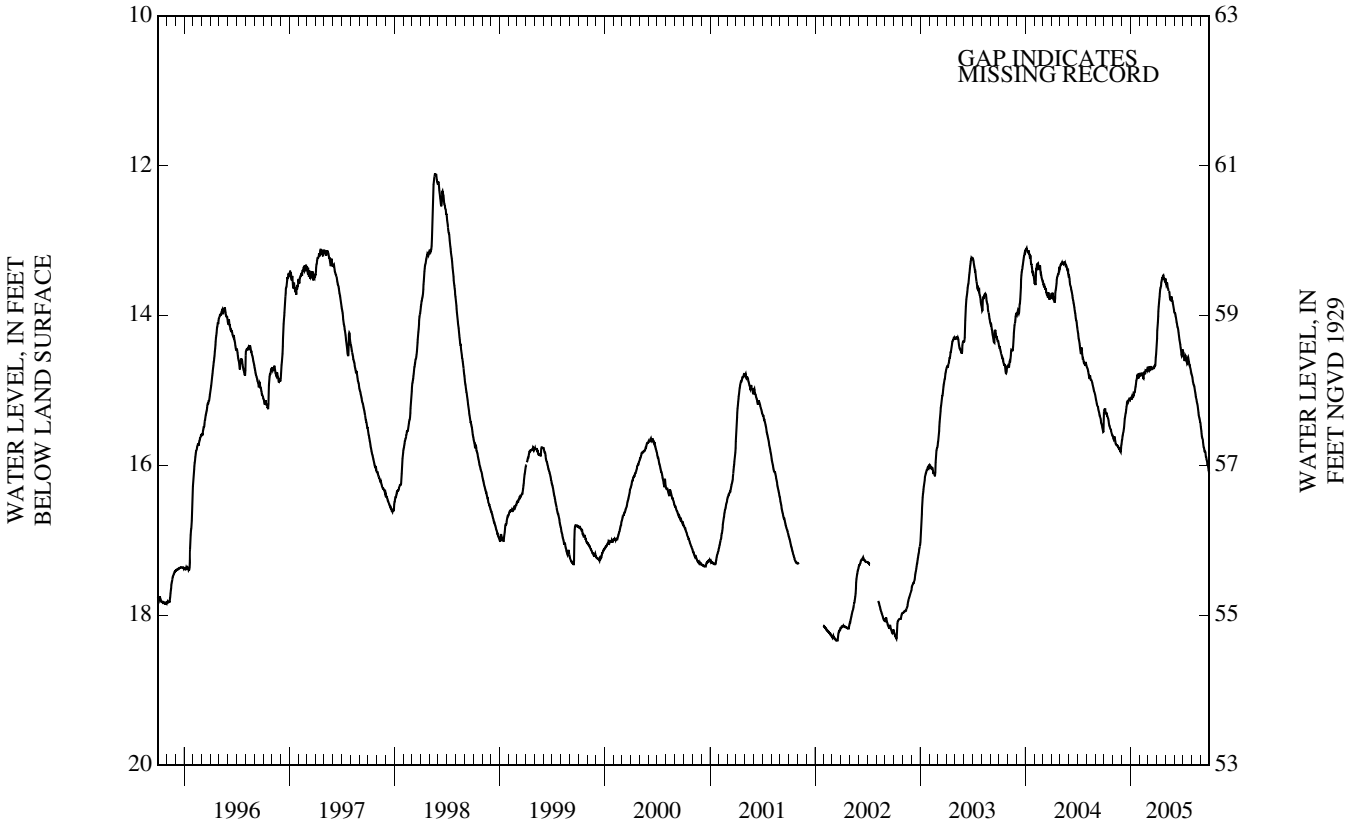
REMARKS.--Well deepened on Oct. 29, 1965 from 17 to 21 ft.

PERIOD OF RECORD.--June 1936 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 8.88 ft below land surface, Apr. 26-27, 1939; lowest, 19.11 ft below land surface, between July 24 and Oct. 6, 1981. Well was dry many times from 1963 to 1965, before deepening.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	15.28	15.61	15.58	15.10	14.79	14.72	14.09	13.60	13.99	14.57	14.88	15.61
10	15.32	15.72	15.43	15.05	14.76	14.72	13.78	13.64	14.10	14.54	14.95	15.72
15	15.38	15.73	15.29	15.02	14.79	14.72	13.62	13.68	14.20	14.63	15.08	15.81
20	15.48	15.77	15.15	14.87	14.77	14.70	13.50	13.80	14.35	14.58	15.18	15.89
25	15.54	15.76	15.13	14.79	14.73	14.67	13.48	13.80	14.48	14.67	15.33	16.00
EOM	15.61	15.71	15.10	14.79	14.71	14.45	13.52	13.93	14.46	14.78	15.43	16.11
MEAN	15.42	15.72	15.31	14.96	14.77	14.68	13.72	---	14.23	14.61	15.11	15.81
MAX	15.61	15.82	15.67	15.12	14.84	14.73	14.39	---	14.53	14.78	15.43	16.11
MIN	15.25	15.61	15.10	14.77	14.71	14.45	13.46	---	13.95	14.45	14.79	15.48



23-0104 Morrell 1 Obs

NJ-WRD Well Number, 23-0104. Site I.D., 402143074185201. Local I.D., Morrell 1 Obs.

LOCATION.--Lat 40°21'43", long 74°18'48", Hydrologic Unit 02030105, on the north side of Texas Rd., about 0.4 mi west of Rt. 9, Old Bridge Township.

AQUIFER.--Englishtown aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Dug water-table observation well, diameter 17 in., depth 11 ft, cased with precast concrete rings.

INSTRUMENTATION.--Data collection platform with satellite telemetry--60 minute recording interval. Water-level recorder, Dec. 1984 to May 2001. Periodic measurements, Aug. 1975 to Dec. 1984. Water-level recorder, Oct. 1923 to Aug. 1975.

DATUM.--Land surface is 76.75 ft above NGVD of 1929. Measuring point: Top of concrete ring, 0.20 ft above land surface.

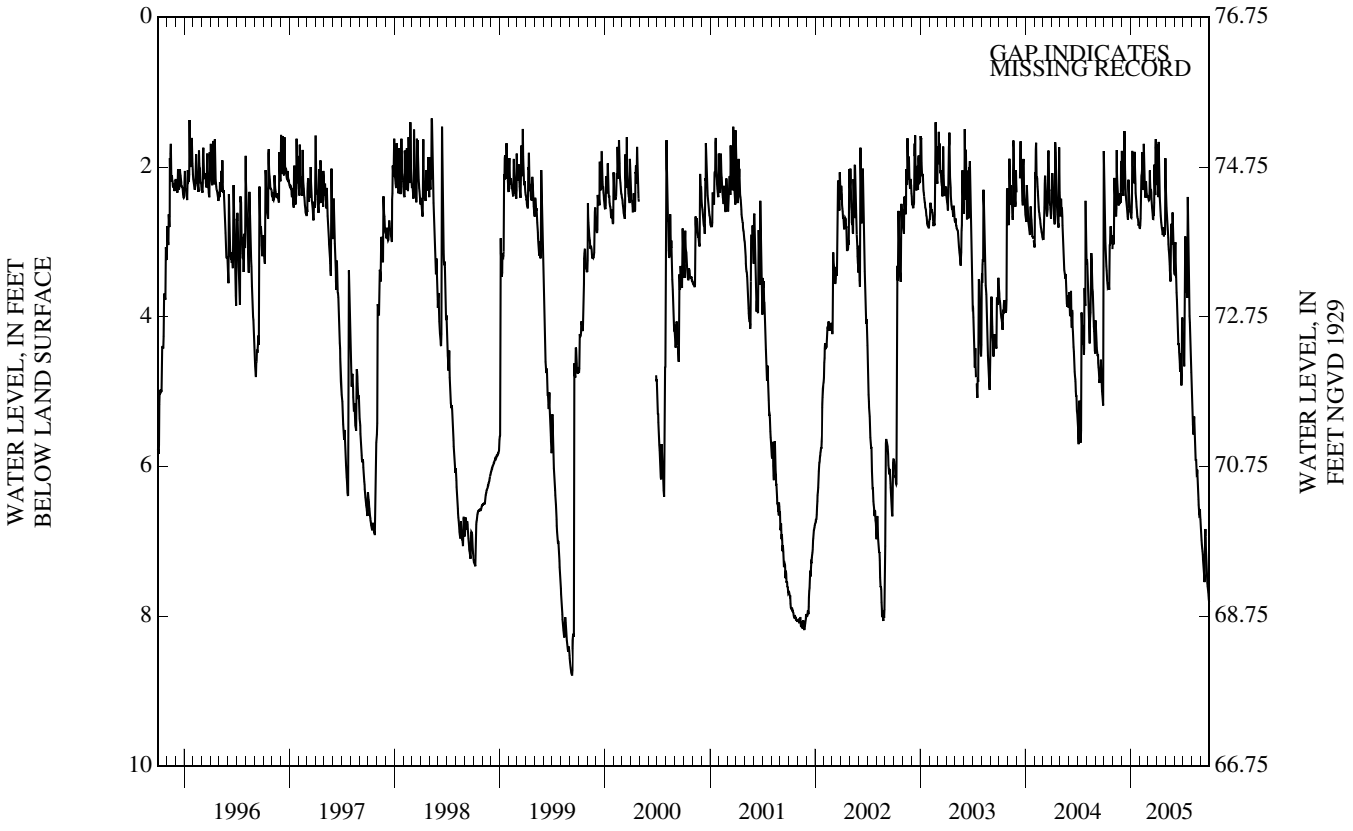
REMARKS.--Well depth was 6 ft before deepening in Sept. 1932.

PERIOD OF RECORD.--Oct. 1923 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 0.84 ft below land surface, Jan. 19, 1996; lowest, 10.40 ft below land surface, Oct. 13, 1953. Well was dry, Aug. to Sept. 1932, before deepening.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.01	2.14	2.33	2.44	2.40	2.44	2.24	2.54	3.00	4.66	5.43	7.04
10	3.43	2.61	1.52	---	1.80	2.28	2.18	2.88	3.77	3.13	5.43	7.29
15	3.56	2.19	2.38	1.91	1.69	2.49	2.65	3.22	4.37	3.63	5.92	7.45
20	3.04	2.51	2.60	2.46	2.39	2.69	2.84	3.26	4.61	3.01	6.04	7.18
25	2.92	2.35	2.29	2.68	2.35	2.15	2.85	2.92	4.76	4.08	6.51	7.60
EOM	2.91	2.13	2.60	2.81	2.37	2.14	2.83	3.29	4.05	4.82	6.71	7.80
MEAN	---	2.42	2.29	---	2.27	2.33	2.52	2.89	4.06	3.88	5.93	7.29
MAX	---	3.03	2.70	---	2.81	2.69	2.92	3.53	4.92	4.82	6.71	7.80
MIN	---	1.77	1.52	---	1.69	1.62	1.66	1.88	3.00	2.40	4.92	6.79



23-0194 Runyon 1 Obs

NJ-WRD Well Number, 23-0194. Site I.D., 402536074201801. Local I.D., Runyon 1 Obs.

LOCATION.--Lat 40°25'36", long 74°20'17", Hydrologic Unit 02030105, at the Runyon Watershed, Old Waterworks Rd., Old Bridge Township.

AQUIFER.--Farrington aquifer, Potomac-Raritan-Magothy aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 18 in., depth 281 ft, screened 201 to 231 ft and 251 to 281 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level recorder, Aug. 1934 to Aug. 1975.

DATUM.--Land surface is 18.30 ft above NGVD of 1929. Measuring point: Top of casing, 0.00 ft above land surface.

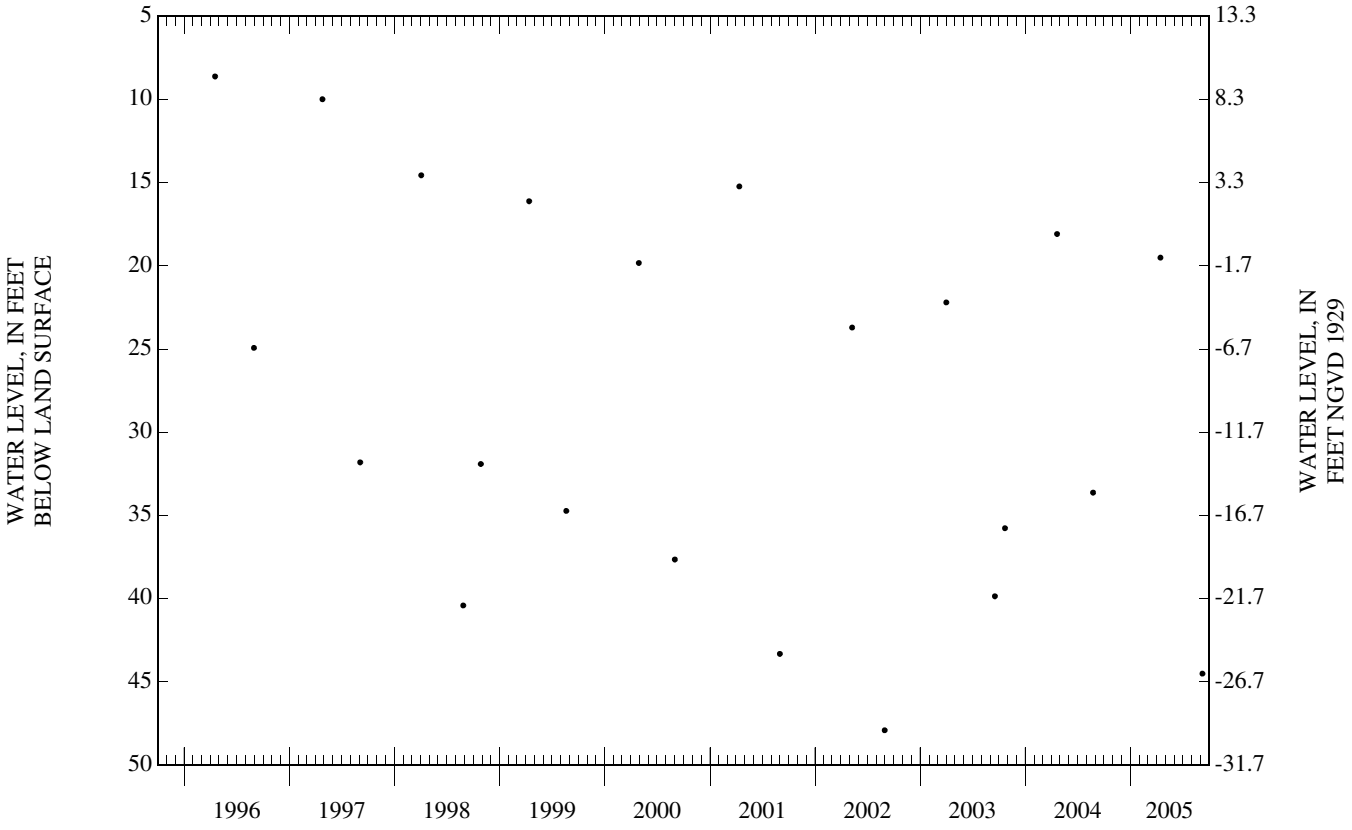
REMARKS.--Water level is affected by nearby pumping.

PERIOD OF RECORD.--Aug. 1934 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 5.50 ft below land surface, Mar. 1, 1943, Mar. 26, 1944; lowest, 109.32 ft below land surface, Oct. 21, 1981.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 14	19.5	SEP 07	44.50



23-0228 Forsgate 3 Obs

NJ-WRD Well Number, 23-0228. Site I.D., 402015074275701. Local I.D., Forsgate 3 Obs. NJ Permit Number, 28-04251.

LOCATION.--Lat 40°20'15", long 74°27'56", Hydrologic Unit 02030105, Hanover Lane at Rossmoor, Monroe Township.

AQUIFER.--Old Bridge aquifer, Potomac-Raritan-Magothy aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 138 ft, screened 128 to 138 ft.

INSTRUMENTATION.--Water-level extremes recorder. Periodic measurements, Feb. 1975 to Jan. 1977. Water-level recorder, Oct. 1961 to Feb. 1975.

DATUM.--Land surface is 147.34 ft above NGVD of 1929. Measuring point: Front edge of cutout in recorder housing, 1.40 ft below land surface.

REMARKS.--Water level is affected by nearby pumping.

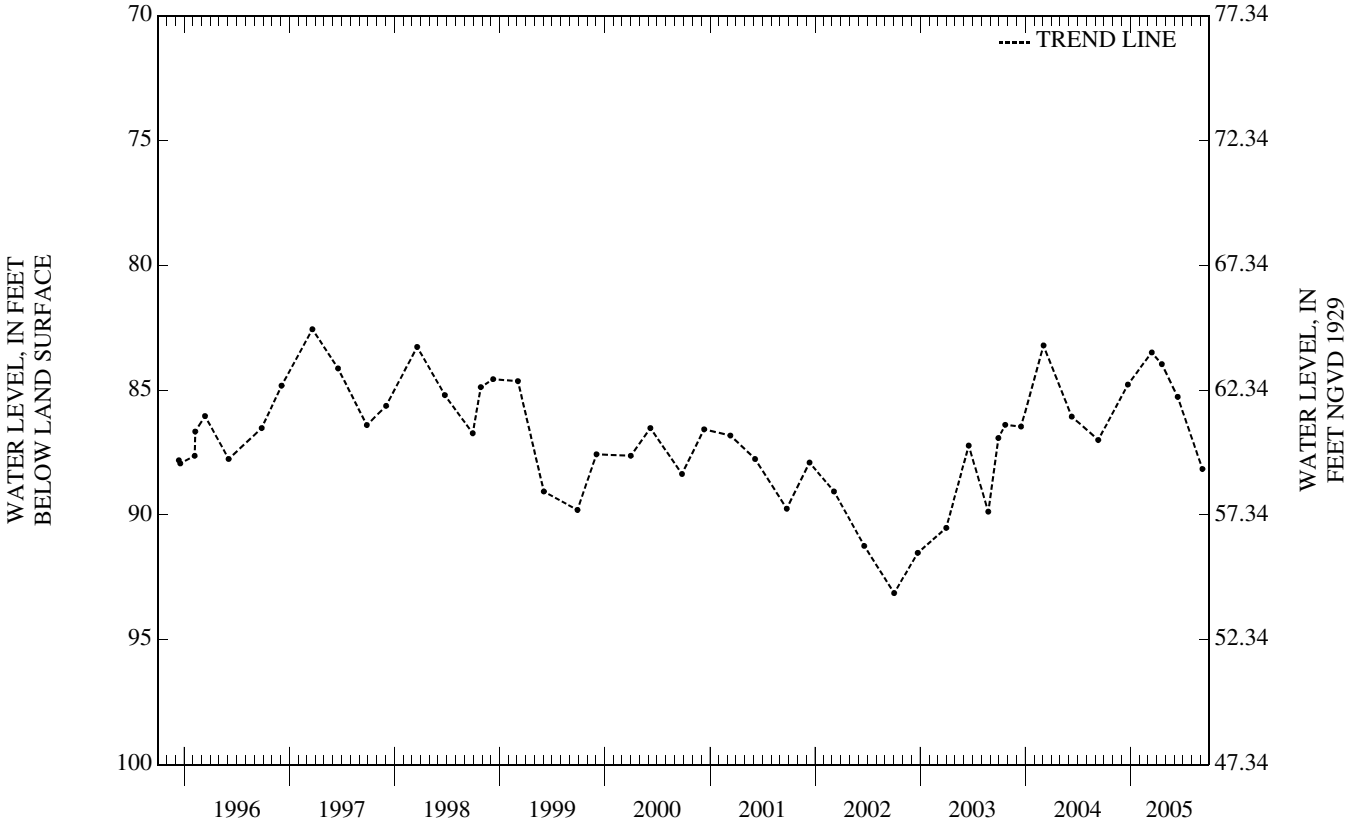
PERIOD OF RECORD.--Oct. 1961 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 70.32 ft below land surface, May 6, 1962; lowest, 94.57 ft below land surface, between June 20 and Oct. 2, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 22	84.78	MAR 15	83.49	APR 19	83.96	JUN 13	85.27	SEP 07	88.16

WATER YEAR 2005 HIGHEST 83.49 MAR 15, 2005 LOWEST 88.16 SEP 07, 2005



23-0229 Forsgate 4 Obs

NJ-WRD Well Number, 23-0229. Site I.D., 402015074275702. Local I.D., Forsgate 4 Obs. NJ Permit Number, 28-04252.

LOCATION.--Lat 40°20'15", long 74°27'56", Hydrologic Unit 02030105, Hanover Lane at Rossmoor, Monroe Township.

AQUIFER.--Farrington aquifer, Potomac-Raritan-Magothy aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 330 ft, screened 319 to 330 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Water-level extremes recorder, Jan. 1977 to Apr. 2005. Periodic measurements, Oct. 1975 to Jan. 1977. Water-level recorder, Apr. 1965 to Oct. 1975.

DATUM.--Land surface is 147.34 ft above NGVD of 1929. Measuring point: Front edge of cutout in recorder housing, 1.50 ft below land surface.

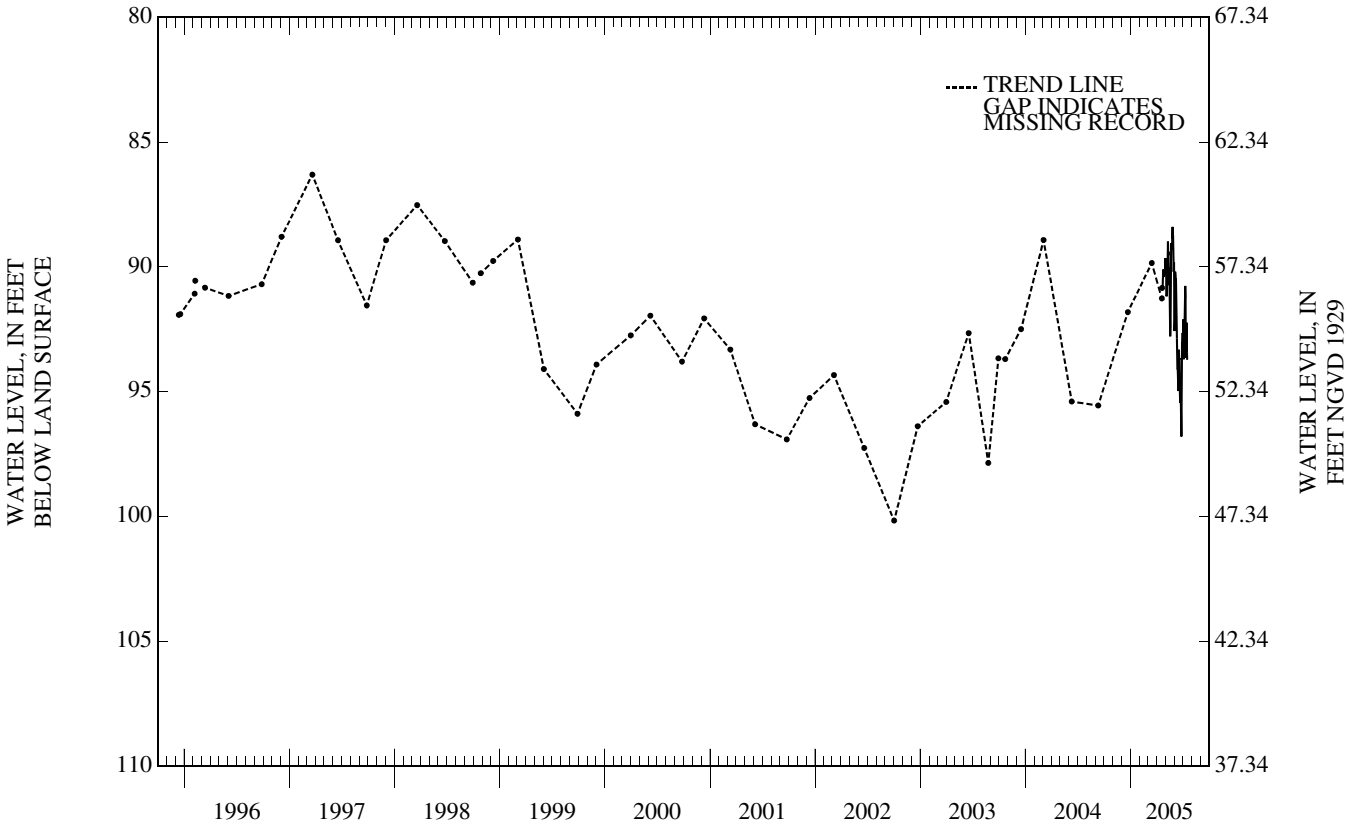
REMARKS.--Water level is affected by nearby pumping.

PERIOD OF RECORD.--Apr. 1965 to July 2005 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 80.09 ft below land surface, July 16, 1973; lowest, 104.24 ft below land surface, between June 20 and Oct. 2, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	---	91.17	90.36	93.10	---	---
10	---	---	---	---	---	---	---	88.99	92.87	91.17	---	---
15	---	---	---	---	---	---	---	90.20	94.97	93.41	---	---
20	---	---	---	---	---	---	90.84	91.10	94.44	---	---	---
25	---	---	---	---	---	---	90.22	88.86	96.49	---	---	---
EOM	---	---	---	---	---	---	90.13	89.83	92.64	---	---	---
MEAN	---	---	---	---	---	---	---	90.08	93.54	---	---	---
MAX	---	---	---	---	---	---	---	92.78	96.79	---	---	---
MIN	---	---	---	---	---	---	---	88.39	90.19	---	---	---



23-0273 Plainsboro Pond Obs

NJ-WRD Well Number, 23-0273. Site I.D., 401932074352901. Local I.D., Plainsboro Pond Obs.

LOCATION.--Lat 40°19'32", long 74°35'28", Hydrologic Unit 02030105, near Plainsboro High School, Grovers Mill Rd. Plainsboro Township.

AQUIFER.--Middle Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 4 in., depth 75 ft, screened 70 to 75 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape.

DATUM.--Land surface is 76 ft above NGVD of 1929, from topographic map. Measuring point: Top of shelf, 1.40 ft above land surface.

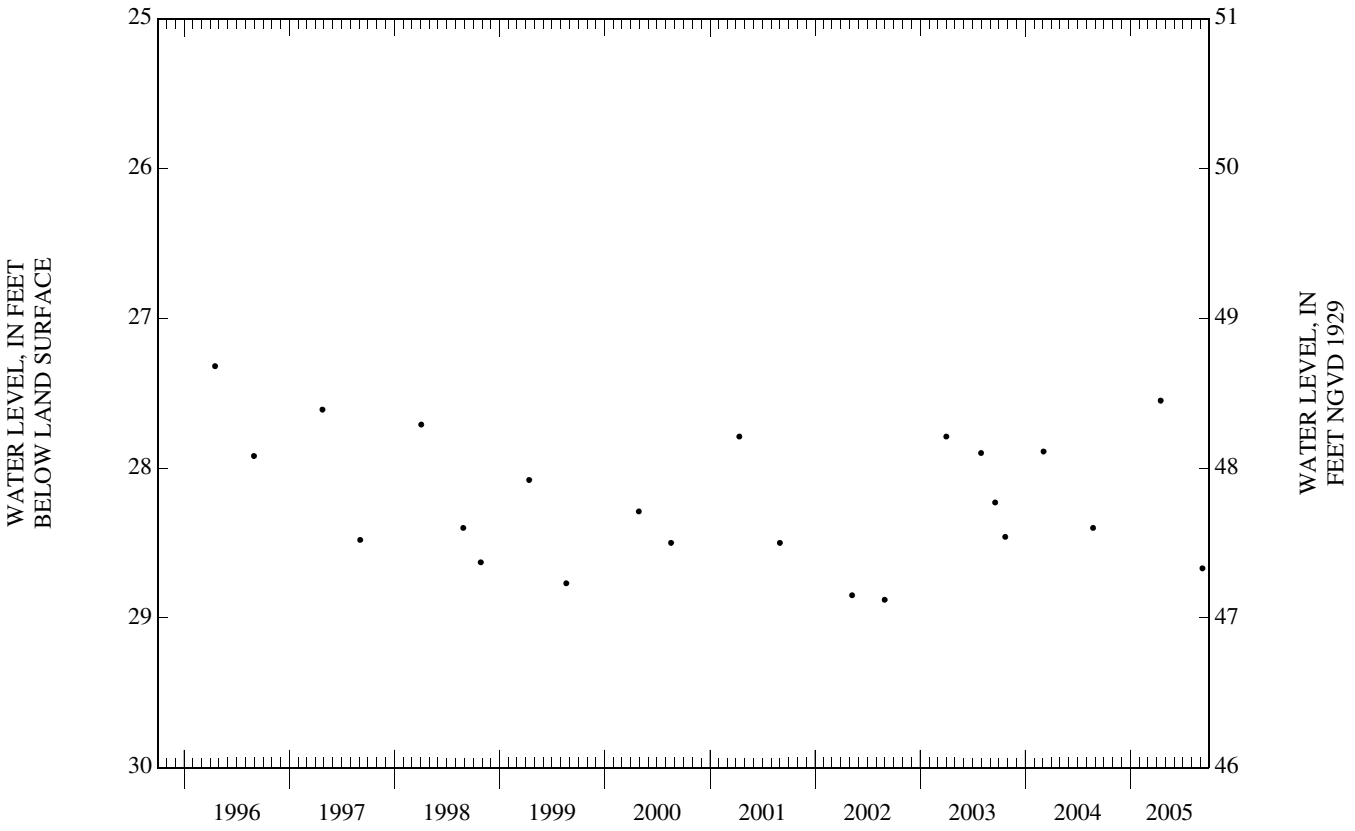
REMARKS.--Water level is affected by the stage of Plainsboro Pond.

PERIOD OF RECORD.--Dec. 1970 to Nov. 1984, Apr. 1987 to Sept. 1987, Apr. 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 26.49 ft below land surface, May 20, 1983; lowest, 29.94 ft below land surface, July 27, 1971.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 15	27.55	SEP 07	28.67



23-0291 Forsgate 1 Obs

NJ-WRD Well Number, 23-0291. Site I.D., 402109074301301. Local I.D., Forsgate 1 Obs. NJ Permit Number, 28-04249.

LOCATION.--Lat 40°21'09", long 74°30'12", Hydrologic Unit 02030105, on the south side of Friendship Rd., about 0.4 mi west of Rt. 130, South Brunswick Township.

AQUIFER.--Farrington aquifer, Potomac-Raritan-Magothy aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 203 ft, screened 192 to 203 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level extremes recorder, Jan. 1977 to Sept. 1984. Periodic measurements, Oct. 1975 to Jan. 1977. Water-level recorder, Apr. 1965 to Oct. 1975.

DATUM.--Land surface is 106.79 ft above NGVD of 1929. Measuring point: Top of shelf, 1.90 ft above land surface.

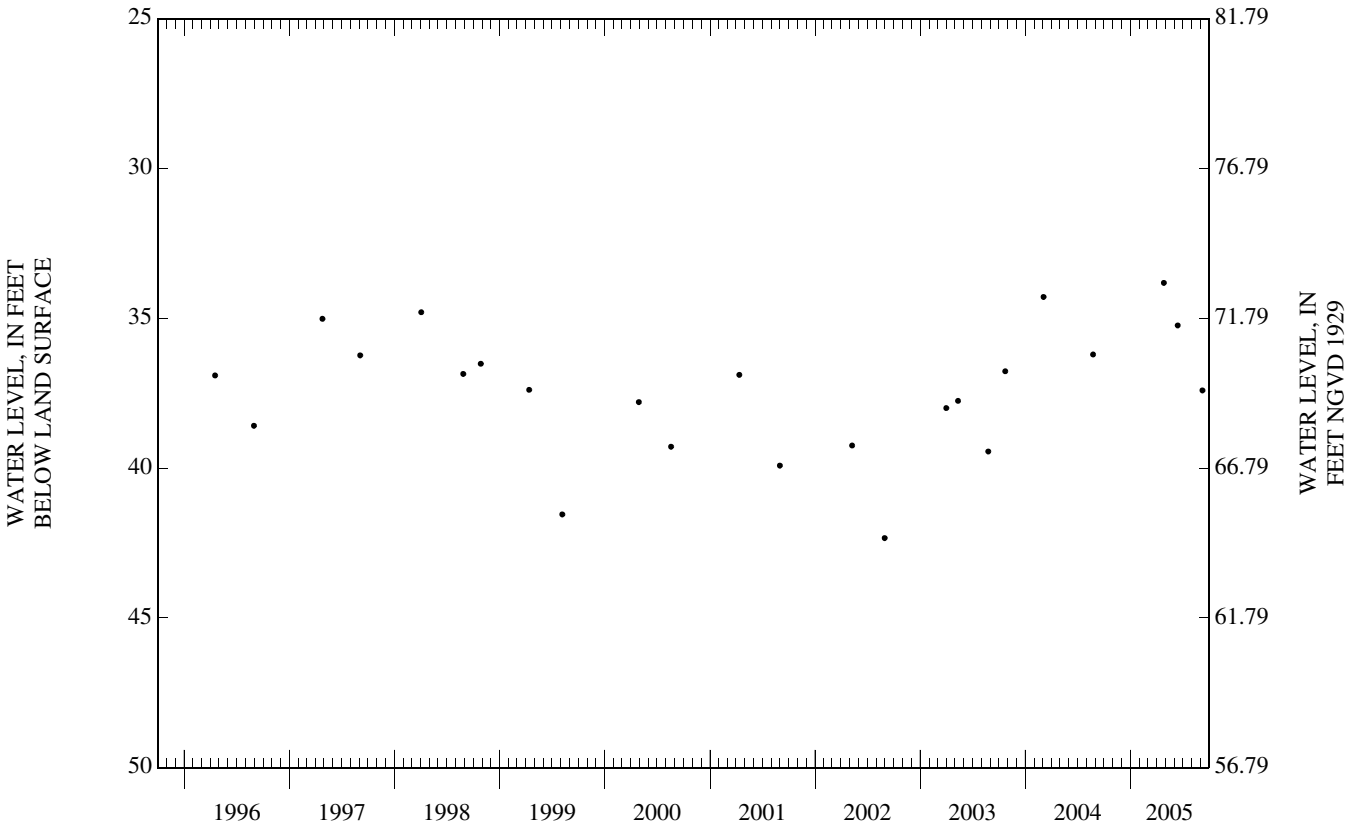
PERIOD OF RECORD.--Apr. 1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 24.70 ft below land surface, July 5, 1973; lowest, 44.31 ft below land surface, between Jan. 12 and Apr. 21, 1983.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 26	33.82	JUN 13	35.24	SEP 07	37.41

WATER YEAR 2005 HIGHEST 33.82 APR 26, 2005 LOWEST 37.41 SEP 07, 2005



23-0292 Forsgate 2 Obs

NJ-WRD Well Number, 23-0292. Site I.D., 402109074301302. Local I.D., Forsgate 2 Obs. NJ Permit Number, 28-04250.

LOCATION.--Lat 40°21'09", long 74°30'11", Hydrologic Unit 02030105, on the south side of Friendship Rd., about 0.4 mi west of Rt. 130, South Brunswick Township.

AQUIFER.--Old Bridge aquifer, Potomac-Raritan-Magothy aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 104 ft, screened 93 to 104 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Periodic measurements, Sept. 1985 to June 2005. Water-level extremes recorder, Aug. 1983 to Sept. 1985. Periodic measurements, Oct. 1975 to Aug. 1983. Water-level recorder, Oct. 1961 to Oct. 1975.

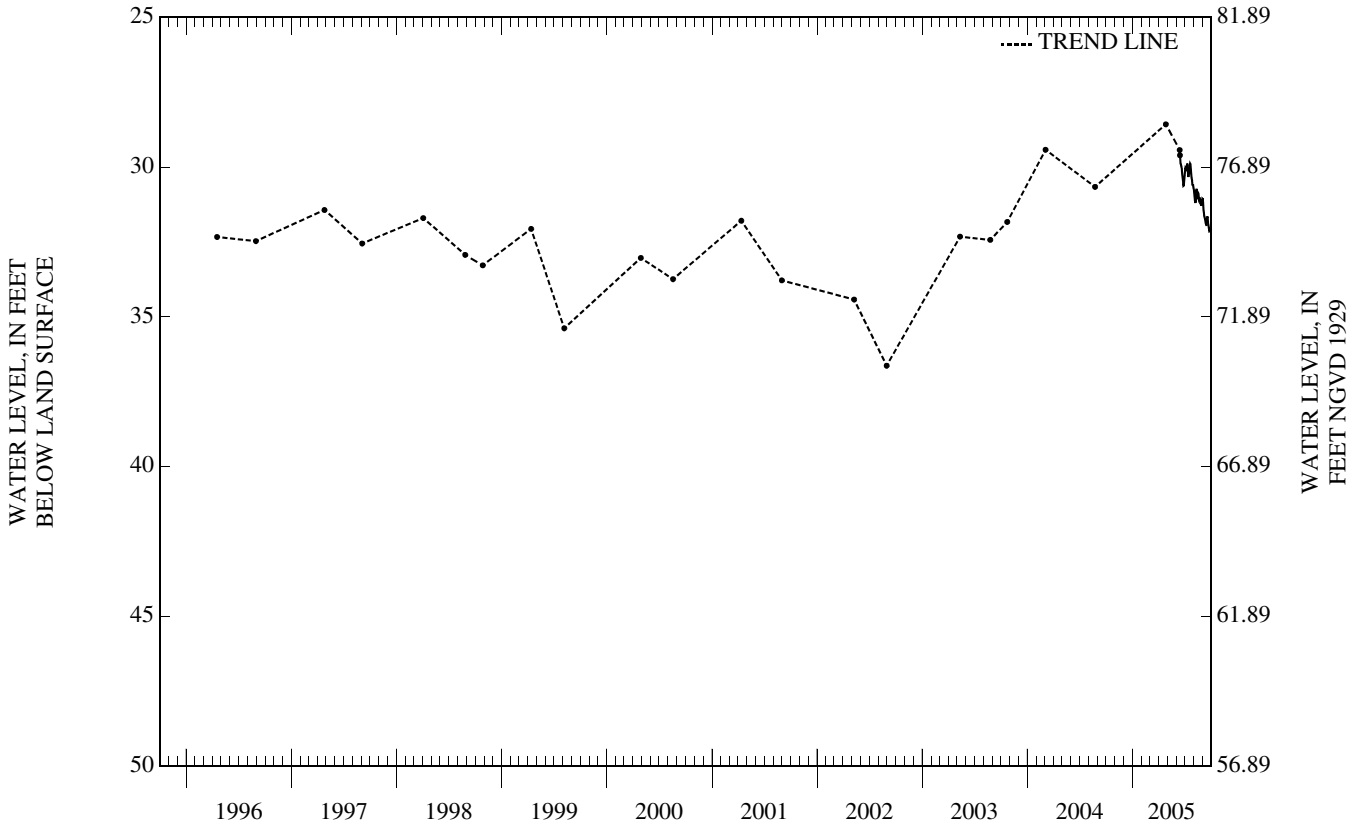
DATUM.--Land surface is 106.89 ft above NGVD of 1929. Measuring point: Top of shelf, 2.60 ft above land surface.

PERIOD OF RECORD.--October 1961 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 21.09 ft below land surface, May 2-3, 1962; lowest, 36.98 ft below land surface, Sept. 29, 1982.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	---	---	---	30.08	31.11	31.51
10	---	---	---	---	---	---	---	---	---	29.95	30.75	31.79
15	---	---	---	---	---	---	---	---	29.76	30.20	30.90	31.79
20	---	---	---	---	---	---	---	---	30.04	29.90	31.08	31.91
25	---	---	---	---	---	---	---	---	30.54	30.41	31.23	32.14
EOM	---	---	---	---	---	---	---	---	30.27	30.69	31.05	32.10
MEAN	---	---	---	---	---	---	---	---	---	30.20	31.04	31.79
MAX	---	---	---	---	---	---	---	---	---	30.69	31.29	32.14
MIN	---	---	---	---	---	---	---	---	---	29.88	30.73	31.06



23-0344 Sayreville 2 Obs

NJ-WRD Well Number, 23-0344. Site I.D., 402558074201301. Local I.D., Sayreville 2 Obs.

LOCATION.--Lat 40°25'58", long 74°20'12", Hydrologic Unit 02030105, 1,200 ft west of the Sayreville Water Treatment Plant, Old Bridge-South Amboy Rd., Sayreville Borough.

AQUIFER.--Old Bridge aquifer, Potomac-Raritan-Magothy aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 6 in., depth 37 ft, screened 31 to 37 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level recorder, Oct. 1968 to July 1975.

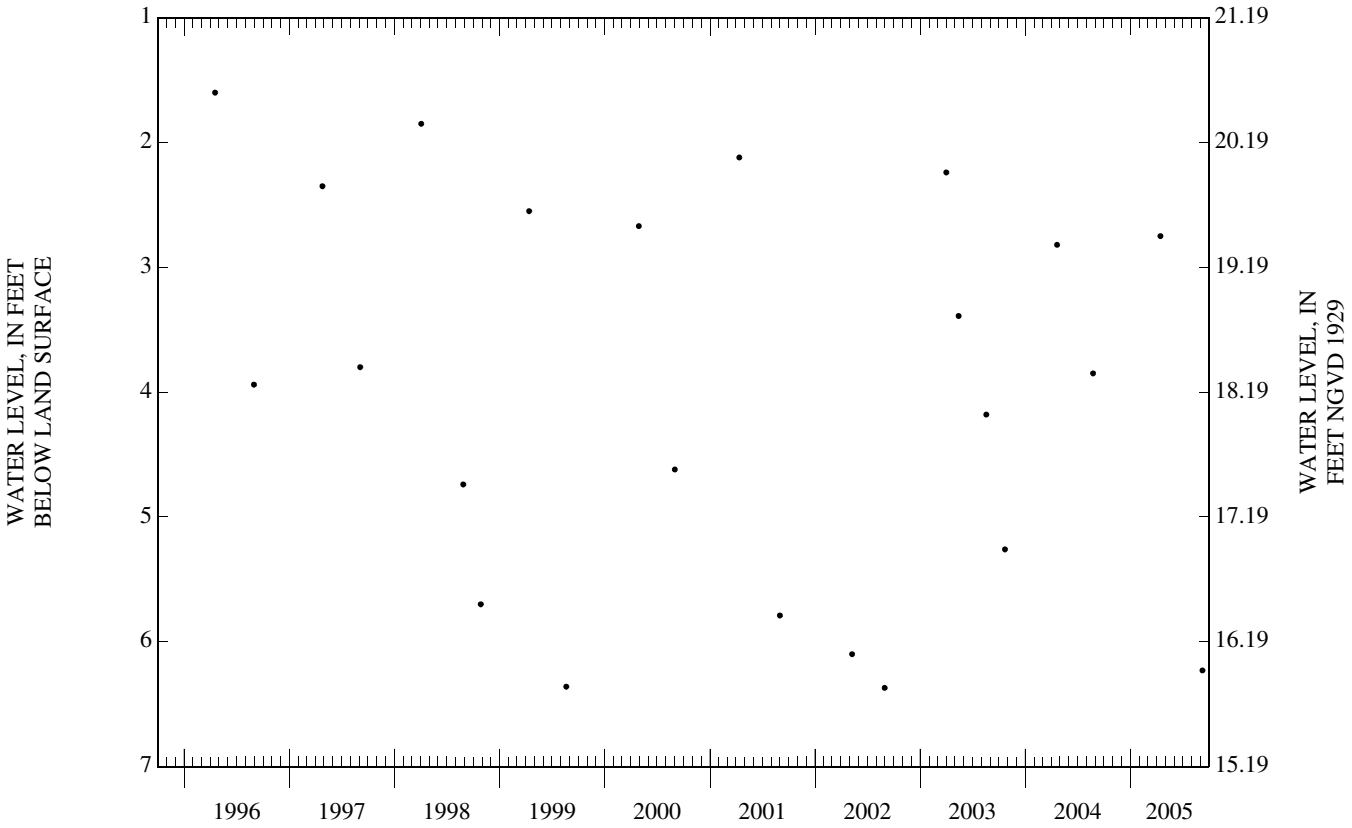
DATUM.--Land surface is 22.19 ft above NGVD of 1929. Measuring point: Top of shelf, 2.00 ft above land surface.

PERIOD OF RECORD.--Nov. 1968 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.60 ft below land surface, Apr. 17, 1996; lowest, 14.04 ft below land surface, Nov. 30, 1969, Dec. 16, 1969, Nov. 17-22, 1970.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 14	2.75	SEP 07	6.23



23-0351 Sayerville 1 Obs

NJ-WRD Well Number, 23-0351. Site I.D., 402608074195701. Local I.D., Sayerville 1 Obs.

LOCATION.--Lat 40°26'05", long 74°19'58", Hydrologic Unit 02030105, near the Sayreville Water Treatment Plant, Old Bridge-South Amboy Rd, Sayreville Borough.

AQUIFER.--Old Bridge aquifer, Potomac-Raritan-Magothy aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 6 in., depth 82 ft, screened 76 to 82 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape.

DATUM.--Land surface is 35.27 ft above NGVD of 1929. Measuring point: Top of casing, 1.70 ft above land surface.

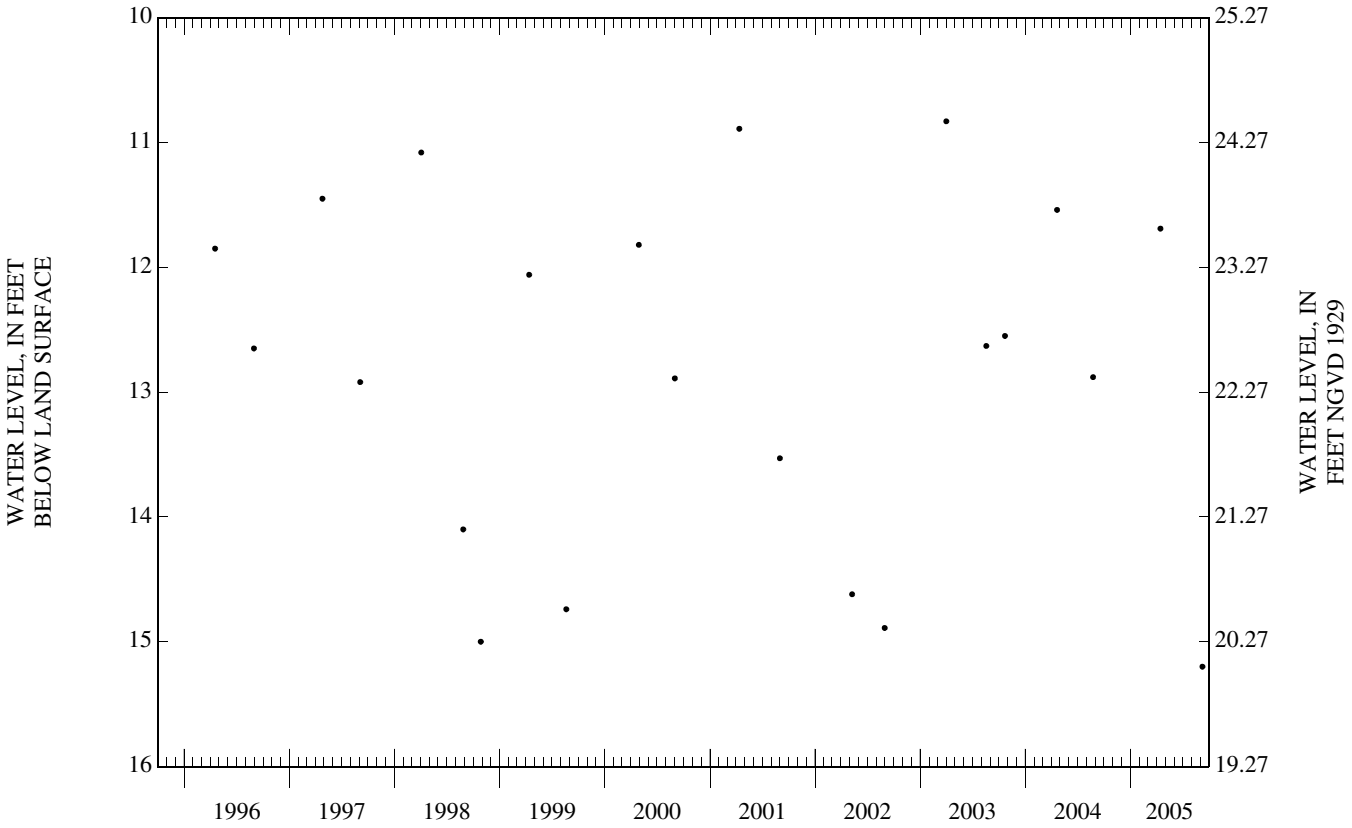
REMARKS.--Water level is affected by nearby pumping.

PERIOD OF RECORD.--Nov. 1968 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 10.83 ft below land surface, Apr. 1, 2003; lowest, 27.20 ft below land surface, Dec. 16, 1969.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 14	11.69	SEP 07	15.20



23-0365 Duh Say 4 Obs

NJ-WRD Well Number, 23-0365. Site I.D., 402623074212701. Local I.D., Duh Say 4 Obs.

LOCATION.--Lat 40°26'33", long 74°21'19", Hydrologic Unit 02030105, in the Maristat Inc. Auto Exchange, Jernee Mill Rd, Sayreville Borough.

AQUIFER.--Farrington aquifer, Potomac-Raritan-Magothy aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, depth 160 ft, screened 148 to 160 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level recorder, Jan. 1936 to Dec. 1973.

DATUM.--Land surface is 5.70 ft above NGVD of 1929. Measuring point: Top of shelf, 3.00 ft above land surface.

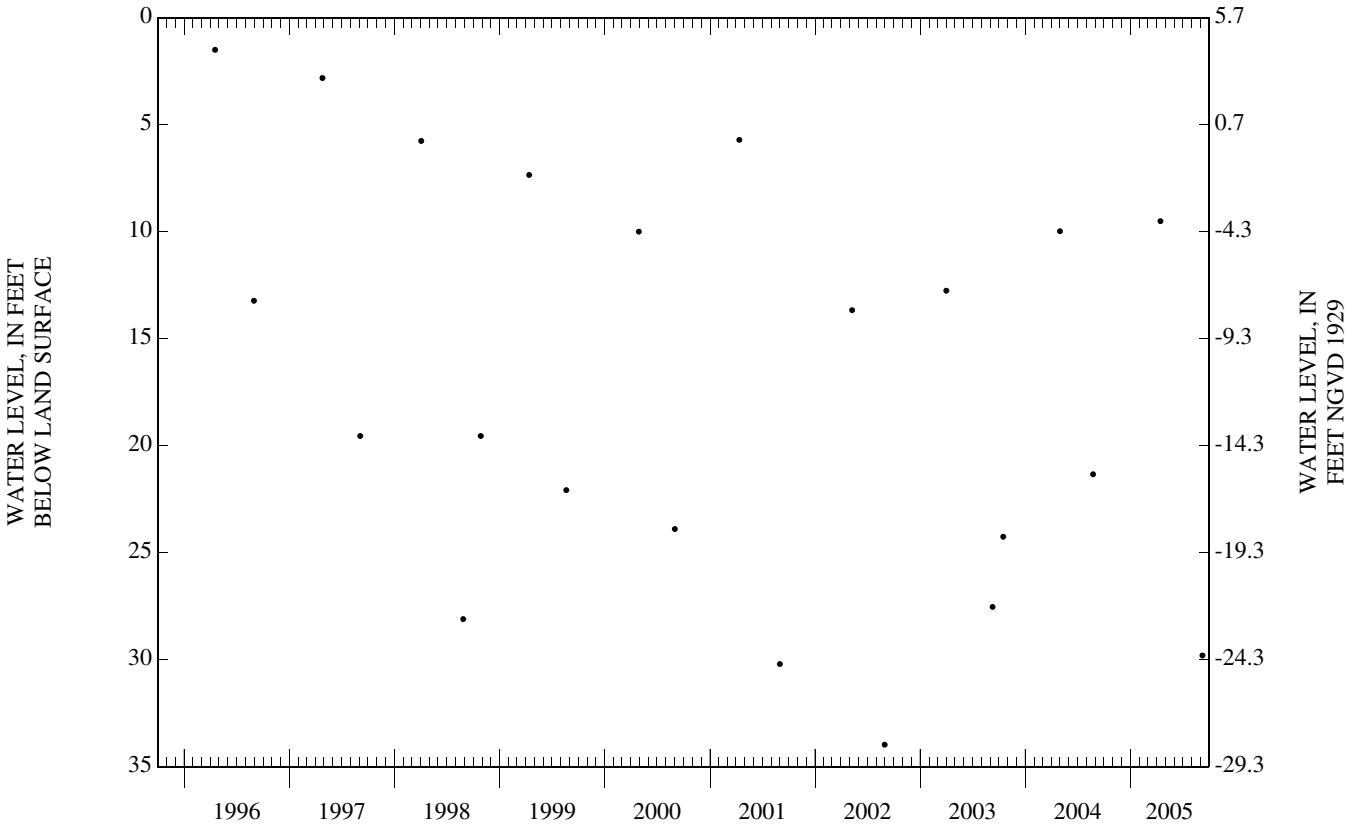
REMARKS.--Water level is affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--Jan. 1936 to Nov. 1984, May 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 5.87 ft above land surface, Mar. 27, 1944; lowest, 72.00 ft below land surface, Oct. 21, 1981.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 14	9.51	SEP 07	29.81



23-0439 South River 2 Obs

NJ-WRD Well Number, 23-0439. Site I.D., 402633074220001. Local I.D., South River 2 Obs. NJ Permit Number, 28-05987.

LOCATION.--Lat 40°26'33", long 74°21'59", Hydrologic Unit 02030105, at the corner of Whitehead Ave. and Anne St. South River Borough.

AQUIFER.--Farrington aquifer, Potomac-Raritan-Magothy aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 5 in., depth 126 ft, screened 121 to 126 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level extremes recorder, Jan. 1977 to Sept. 1987. Periodic measurements, Apr. 1975 to Jan. 1977. Water-level recorder, Jan. 1968 to Apr. 1975.

DATUM.--Land surface is 20.69 ft above NGVD of 1929. Measuring point: Top of coupling, 2.12 ft above land surface.

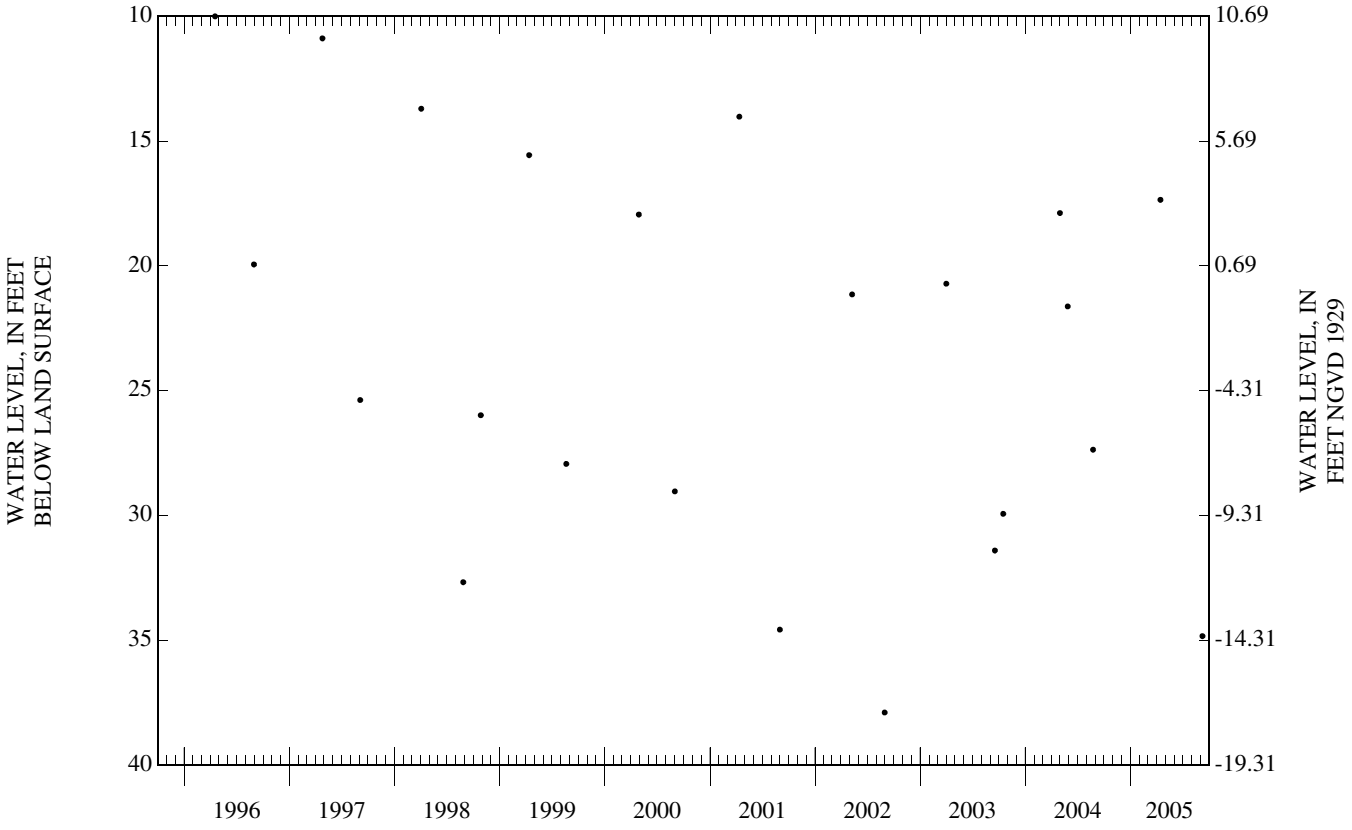
REMARKS.--Water level is affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--January 1968 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 10.00 ft below land surface, Apr. 17, 1996; lowest, 73.64 ft below land surface, between Aug. 25 and Oct. 16, 1980.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

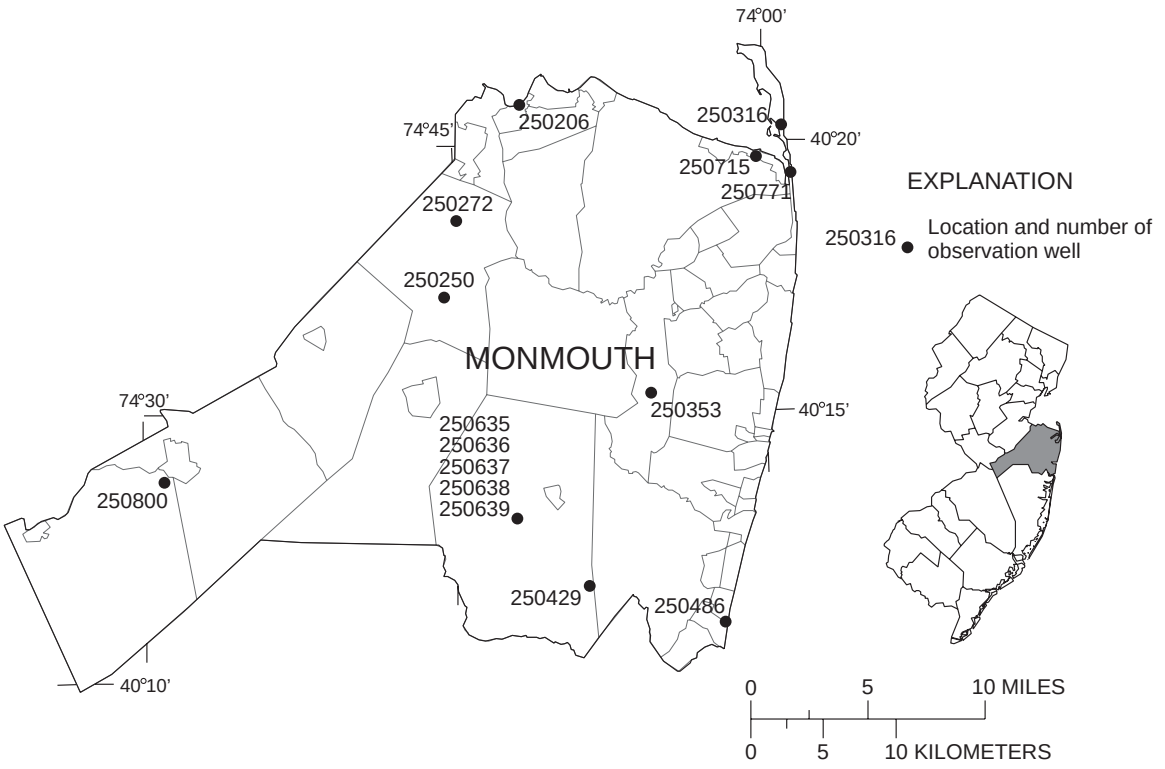
DATE	WATER LEVEL	DATE	WATER LEVEL
APR 14	17.35	SEP 07	34.83



MONMOUTH COUNTY

NJ-WRD well number	Local identifier	Township	Well depth	Aquifer	Type of data
250206	KEYPORT 4 OBS	KEYPORT BORO	249	ODBG	MANUAL
250250	VILLAGE 215 OBS	MARLBORO TWP	215	EGLS	DAILY
250272	MARLBORO 1 OBS	MARLBORO TWP	680	FRNG	DAILY
250316	SANDY HOOK SP1 OBS	MIDDLETOWN TWP	397	ODBG	MANUAL
250353	FORT MONMOUTH 1-NCO OBS	TINTON FALLS BORO	327	MLRW	DAILY
250429	ALLAIRE STATE PARK C OBS	HOWELL TWP	633	EGLS	DAILY
250486	DOE-SEA GIRT OBS	SEA GIRT BORO	614	MLRW	DAILY
250635	HOWELL TWP 1 OBS	HOWELL TWP	1360	MRPA	DAILY
250636	HOWELL TWP 2 OBS	HOWELL TWP	100	VNCN	DAILY
250637	HOWELL TWP 3 OBS	HOWELL TWP	324	MLRW	DAILY
250638	HOWELL TWP 4 OBS	HOWELL TWP	499	EGLS	DAILY
250639	HOWELL TWP 5 OBS	HOWELL TWP	907	MRPAU	DAILY
250715	ATLANTIC HIGHLANDS B OBS	ATLANTIC HIGHLANDS BORO	360	EGLS	DAILY
250771	SANDY HOOK 2 OBS	SEA BRIGHT BORO	278	EGLS	DAILY
250800	MW72	UPPER FREEHOLD TWP	18.5	MLRW	DAILY

Aquifer names
- EGLS - Englishtown aquifer system
- FRNG - Farrington aquifer
- MLRW - Wenonah-Mount Laurel aquifer
- MRPA - Potomac-Raritan-Magothy aquifer
- MRPAU - Upper Potomac-Raritan-Magothy aquifer
- ODBG - Old Bridge aquifer
- VNCN - Vincentown aquifer



25-0206 Keyport 4 Obs

NJ-WRD Well Number, 25-0206. Site I.D., 402626074114204. Local I.D., Keyport 4 Obs.

LOCATION.--Lat 40°26'25", long 74°11'44", Hydrologic Unit 02030104, at the Benjamin C. Terry Park, Myrtle Ave., Keyport Borough.

AQUIFER.--Old Bridge aquifer, Potomac-Raritan-Magothy aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 8 in., depth 249 ft, screened 225 to 249 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level extremes recorder, Nov. 1987 to Sept. 2005. Water-level recorder, June 1978 to Nov. 1987.

DATUM.--Land surface is 14.47 ft above NGVD of 1929. Measuring point: Front edge of cutout in recorder housing, 2.47 ft above land surface.

REMARKS.--Water level is affected by tidal fluctuation and nearby pumping.

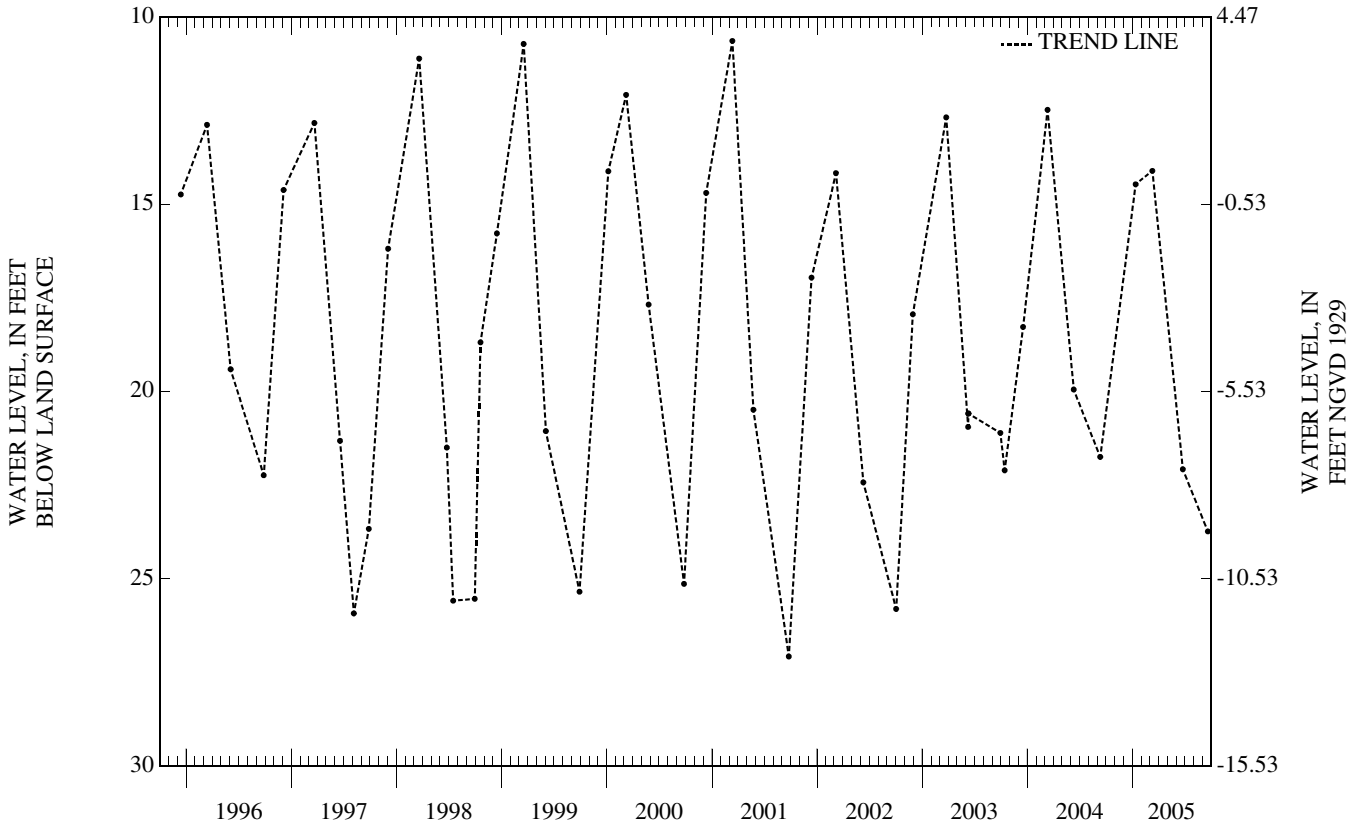
PERIOD OF RECORD.--June 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 9.20 ft below land surface, between Mar. 8 and June 14, 1993; lowest, 35.22 ft below land surface, between June 20 and Sept. 28, 1988.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 11	14.46	MAR 10	14.10	JUN 24	22.07	SEP 19	23.73

WATER YEAR 2005 HIGHEST 14.10 MAR 10, 2005 LOWEST 23.73 SEP 19, 2005



25-0250 Village 215 Obs

NJ-WRD Well Number, 25-0250. Site I.D., 401906074151401. Local I.D., Village 215 Obs. NJ Permit Number, 29-04437.

LOCATION.--Lat 40°19'18", long 74°15'28", Hydrologic Unit 02030104, near the intersection of River Dr. and Newport Rd., Marlboro Township.

AQUIFER.--Englishtown aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 8 in., depth 215 ft, screened 185 to 215 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Periodic measurements, May 1986 to Dec. 2002. No record, Sept. 1984 to May 1986. Periodic measurements, July 1975 to Sept. 1984. Water-level recorder, Apr. 1971 to July 1975.

DATUM.--Land surface is 138.60 ft above NGVD of 1929. Measuring point: Top of base of aluminum locking cap, 2.26 ft above land surface.

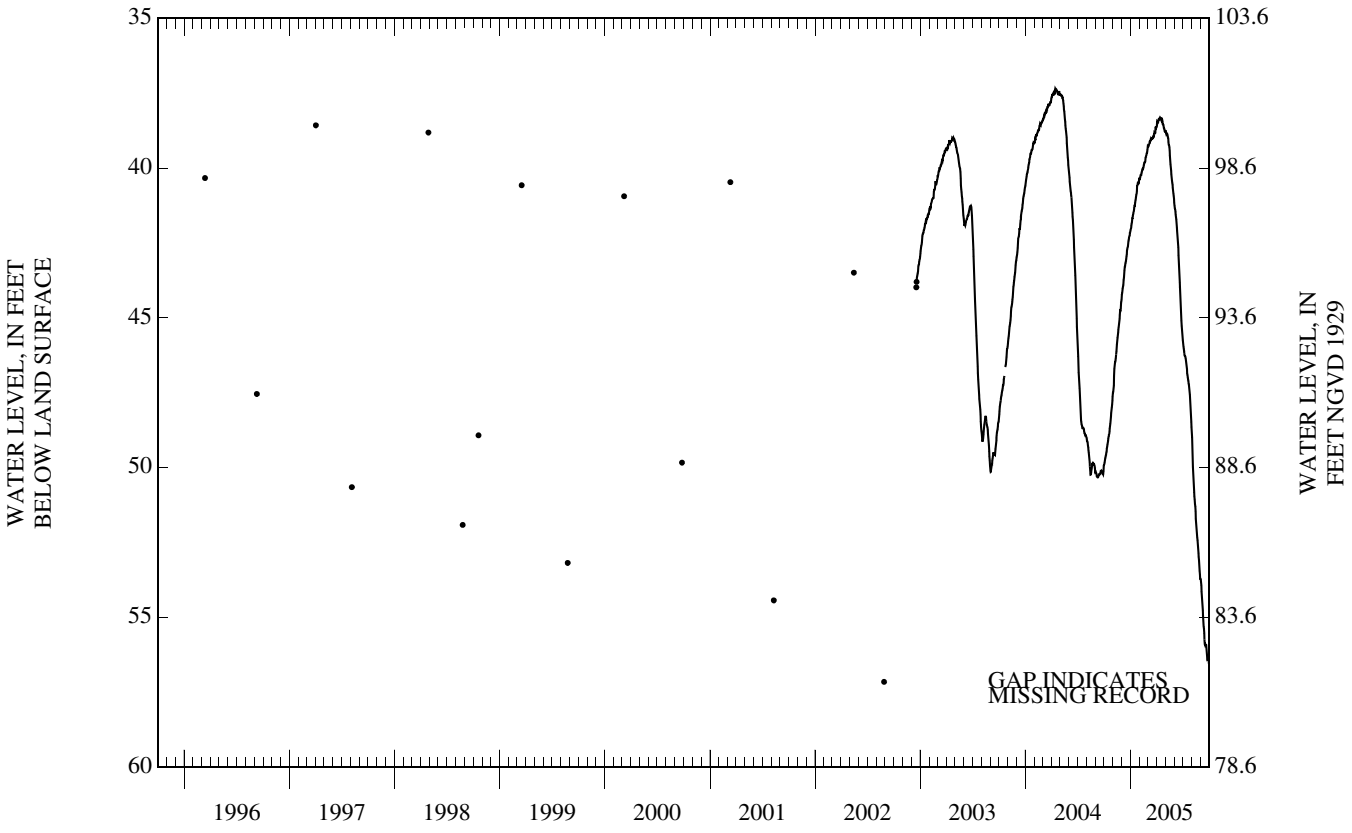
PERIOD OF RECORD.--Apr. 1971 to Sept. 1984, May 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 33.92 ft below land surface, between Mar. 27 and July 12, 1984, lowest, 57.15 ft below land surface, Aug. 28, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	49.67	46.70	43.96	41.80	40.23	39.24	38.49	38.89	41.46	46.12	49.98	54.30
10	49.36	46.34	43.42	41.49	40.03	39.10	38.35	38.97	41.99	46.33	50.96	55.12
15	49.03	45.78	43.11	41.25	39.90	39.03	38.36	39.31	42.66	46.71	51.71	55.89
20	48.70	45.31	42.70	40.90	39.78	38.94	38.37	39.97	43.80	47.11	52.34	55.92
25	48.17	44.76	42.39	40.51	39.50	38.83	38.61	40.49	44.88	47.56	52.98	56.41
EOM	47.51	44.40	42.08	40.38	39.38	38.64	38.78	41.03	45.67	48.64	53.70	56.46
MEAN	48.88	45.78	43.06	41.15	39.91	38.99	38.47	39.65	43.10	46.92	51.66	55.49
MAX	49.89	47.46	44.22	42.04	40.37	39.29	38.78	41.03	45.67	48.64	53.70	56.48
MIN	47.51	44.40	42.08	40.37	39.38	38.62	38.31	38.73	41.15	45.75	48.81	53.73

WTR YR 2005 MEAN 44.44 HIGH 38.31 APR 13 LOW 56.48 SEP 29



25-0272 Marlboro 1 Obs

NJ-WRD Well Number, 25-0272. Site I.D., 402208074145201. Local I.D., Marlboro 1 Obs. NJ Permit Number, 29-06527.

LOCATION.--Lat 40°22'08", long 74°14'51", Hydrologic Unit 02030105, on the west side of NJ Rt. 79, 0.9 mi south of Morganville, Marlboro Township.

AQUIFER.--Farrington aquifer, Potomac-Raritan-Magothy aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 680 ft, screened 670 to 680 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Water-level recorder, Jan. 1973 to May 1998.

DATUM.--Land surface is 116.93 ft above NGVD of 1929. Measuring point: Top of well seal, 2.54 ft above land surface.

REMARKS.--Water level is affected by nearby pumping.

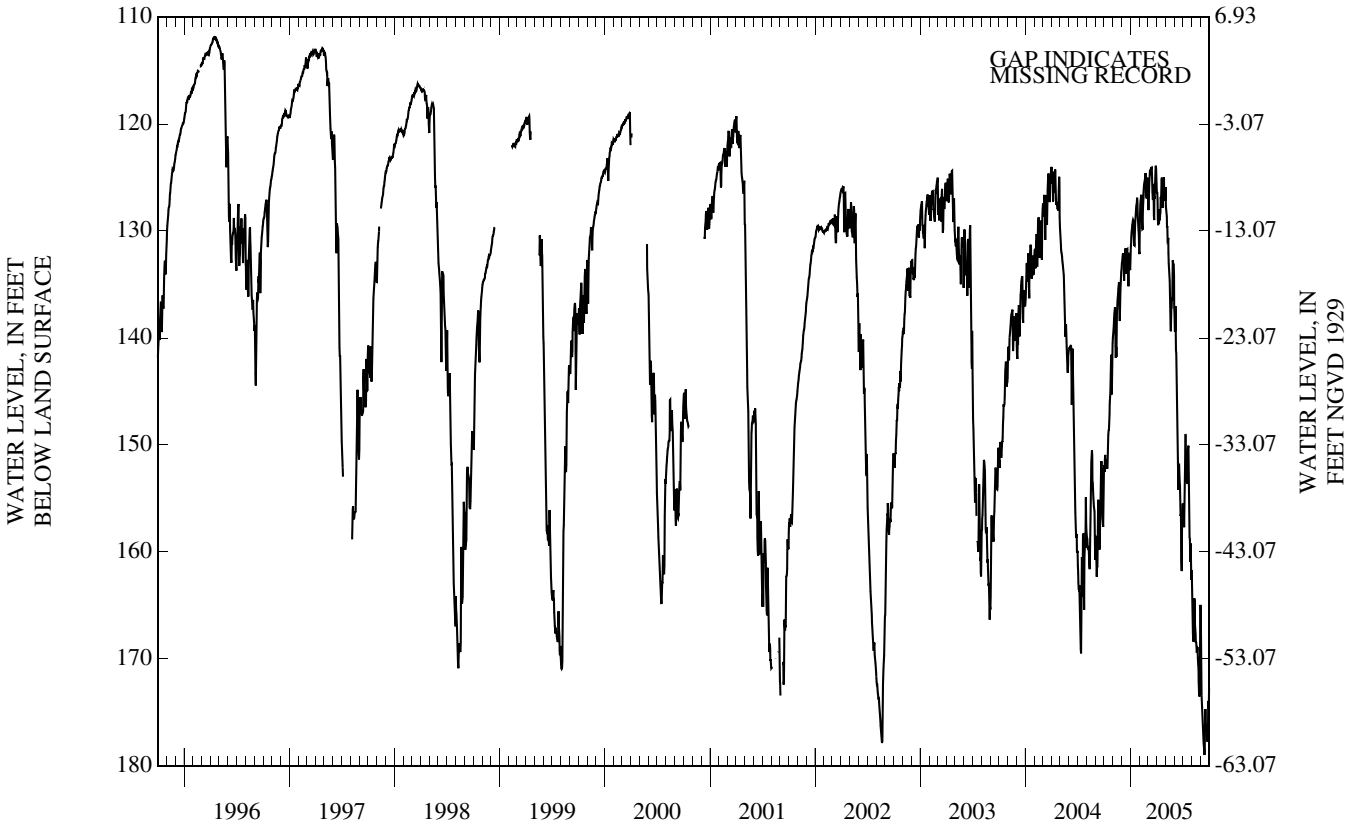
PERIOD OF RECORD.--Jan. 1973 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 111.77 ft below land surface, Apr. 16, 1996; lowest, 207.78 ft below land surface, July 16, 1988.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	151.84	137.73	132.10	129.78	126.86	126.83	128.94	128.31	137.03	157.70	167.64	174.08
10	152.03	141.88	133.65	129.04	129.85	124.51	128.44	130.94	145.28	149.01	164.33	177.26
15	149.07	136.99	133.26	130.25	126.31	124.07	126.81	134.04	154.19	150.84	168.49	178.41
20	146.12	135.08	131.69	127.66	124.99	125.81	126.18	139.37	153.63	150.07	168.93	176.26
25	141.57	137.39	133.15	128.47	126.95	126.96	125.46	136.52	159.19	158.82	172.17	177.53
EOM	139.93	133.54	132.28	132.17	125.18	125.47	127.17	134.22	156.54	161.70	164.95	172.78
MEAN	147.79	137.34	132.99	129.53	126.83	125.71	127.17	132.90	149.58	155.01	168.19	175.43
MAX	152.52	141.88	135.17	132.17	129.85	128.98	129.45	139.37	161.80	162.60	173.52	178.98
MIN	139.93	133.54	131.63	126.89	124.58	123.90	124.98	125.89	137.03	149.01	161.91	165.39

WTR YR 2005 MEAN 142.45 HIGH 123.90 MAR 29 LOW 178.98 SEP 14



25-0316 Sandy Hook SP 1 Obs

NJ-WRD Well Number, 25-0316. Site I.D., 402536073590501. Local I.D., Sandy Hook SP 1 Obs. NJ Permit Number, 29-04299.

LOCATION.--Lat 40°25'36", long 73°59'03", Hydrologic Unit 02030104, about 1.9 mi north of the main entrance of Sandy Hook National Park, Middletown Township.

AQUIFER.--Old Bridge aquifer, Potomac-Raritan-Magothy aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 8 in., depth 397 ft, screened 371 to 397 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level extremes recorder, Feb. 1977 to Dec. 1984. Periodic measurements, Aug. 1975 to Feb. 1977. Water-level recorder, May 1965 to Aug. 1975.

DATUM.--Land surface is 10.91 ft above NGVD of 1929. Measuring point: Top of base of aluminum locking cap, 1.76 ft above land surface.

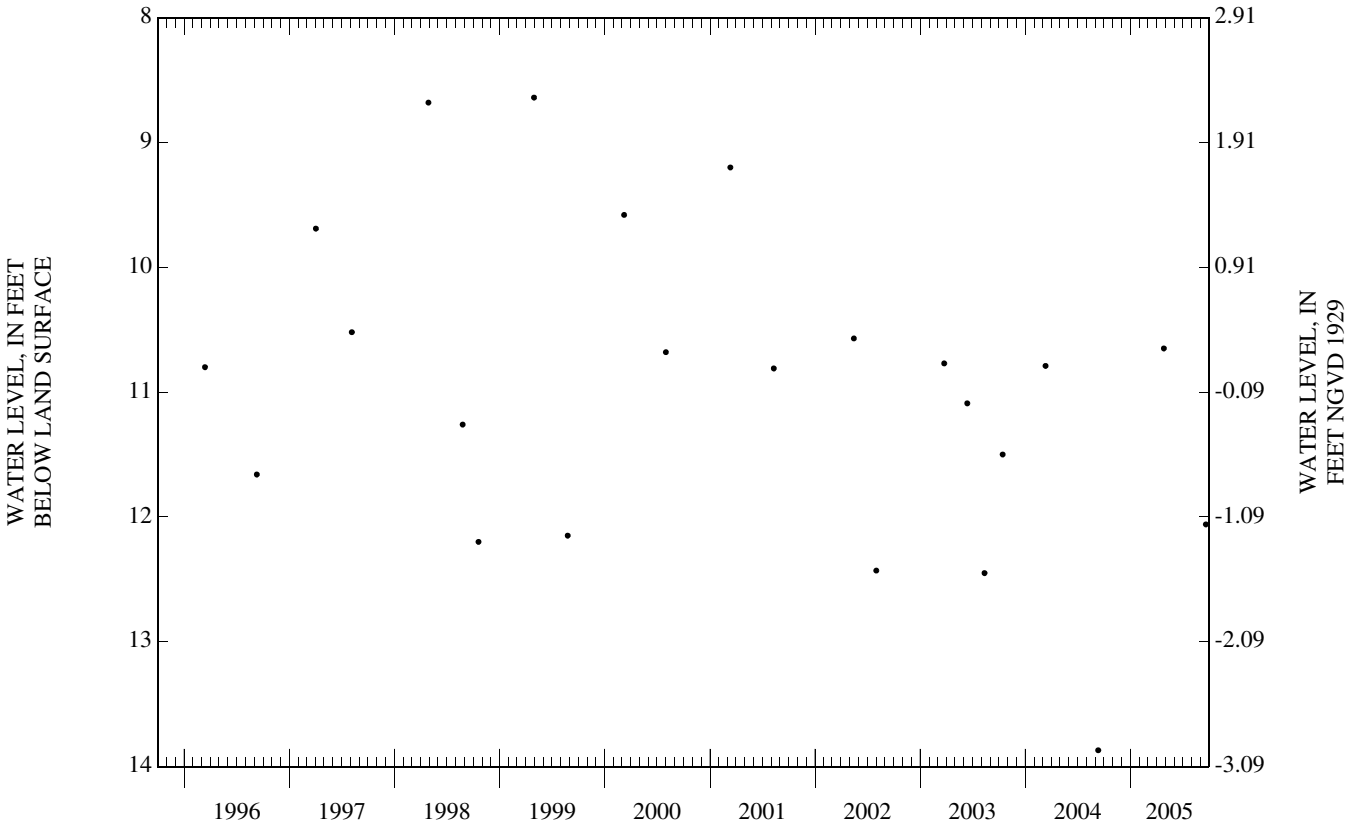
REMARKS.--Water level is affected by tidal fluctuation.

PERIOD OF RECORD.--May 1965 to Dec. 1984, Aug. 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 8.64 ft below land surface, Apr. 30, 1999; lowest, 20.12 ft below land surface, between Sept. 7 and Nov. 2, 1977.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 26	10.65	SEP 19	12.06



25-0353 Fort Monmouth 1-NCO Obs

NJ-WRD Well Number, 25-0353. Site I.D., 401542074053001. Local I.D., Fort Monmouth 1-NCO Obs.

LOCATION.--Lat 40°15'42", long 74°05'29", Hydrologic Unit 02030104, at Training Center, Wyckoff Rd. and Wayside Rd., Tinton Falls Borough.

AQUIFER.--Wenonah-Mount Laurel aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 3.5 in., depth 327 ft, screened 321 to 327 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval.

DATUM.--Land surface is 140 ft above NGVD of 1929, from topographic map. Measuring point: Top of shelf, 1.50 ft above land surface.

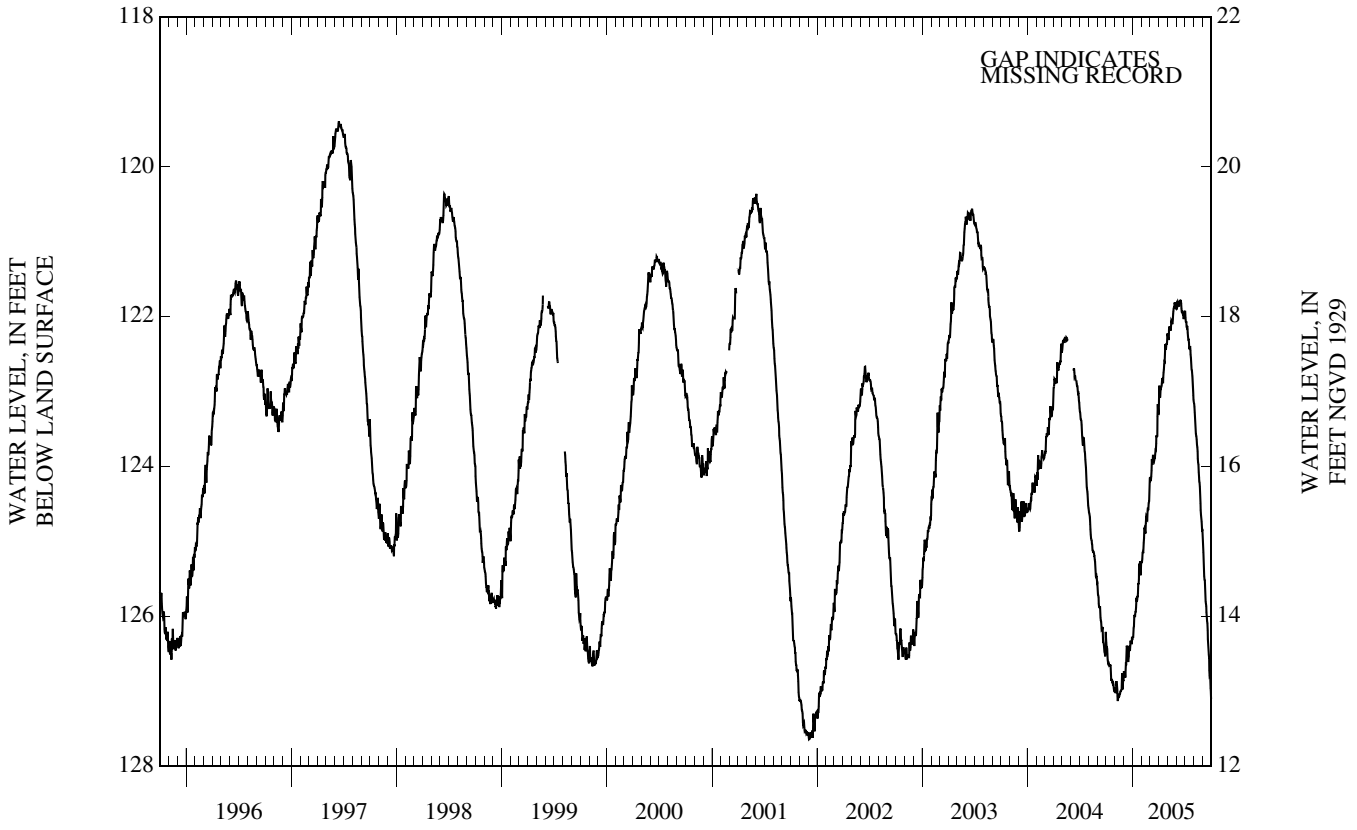
PERIOD OF RECORD.--Feb. 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level 119.39 ft below land surface, June 13-14, 1997; lowest, 155.63 ft below land surface, Dec. 22-23, 1988.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	126.51	126.87	126.76	126.14	125.14	124.19	123.07	122.31	121.82	122.08	123.34	125.38
10	126.64	127.13	126.51	125.94	124.83	123.98	122.94	122.16	121.85	122.17	123.60	125.69
15	126.66	127.07	126.56	125.81	124.77	123.92	122.87	122.05	121.79	122.35	123.90	126.01
20	126.84	127.00	126.40	125.56	124.72	123.84	122.64	122.04	121.94	122.45	124.20	126.37
25	126.89	126.76	126.35	125.33	124.49	123.60	122.38	121.88	121.98	122.72	124.58	126.80
EOM	126.95	126.87	126.31	125.27	124.34	123.30	122.34	121.86	121.96	123.11	124.86	127.11
MEAN	126.73	126.98	126.51	125.74	124.82	123.82	122.76	122.06	121.88	122.42	123.99	126.06
MAX	127.00	127.13	126.82	126.29	125.28	124.19	123.30	122.31	122.03	123.11	124.86	127.11
MIN	126.35	126.76	126.31	125.27	124.34	123.17	122.34	121.81	121.79	121.92	123.14	124.96

WTR YR 2005 MEAN 124.48 HIGH 121.79 JUN 14 LOW 127.13 NOV 10



25-0429 Allaire State Park C Obs

NJ-WRD Well Number, 25-0429. Site I.D., 400832074082101. Local I.D., Allaire State Park C Obs. NJ Permit Number, 29-04140.

LOCATION.--Lat 40°08'34", long 74°08'33", Hydrologic Unit 02040301, about 1.3 mi southeast of Lower Squankum off County Rt. 21, in Allaire State Park, Howell Township.

AQUIFER.--Englishtown aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 633 ft, screened 623 to 633 ft.

INSTRUMENTATION.--Submersible logger pressure transducer-60 minute recording interval. Water-level extremes recorder, Feb. 1977 to Mar. 2005. Periodic measurements, July 1975 to Feb. 1977. Water-level recorder, Feb. 1964 to July 1975.

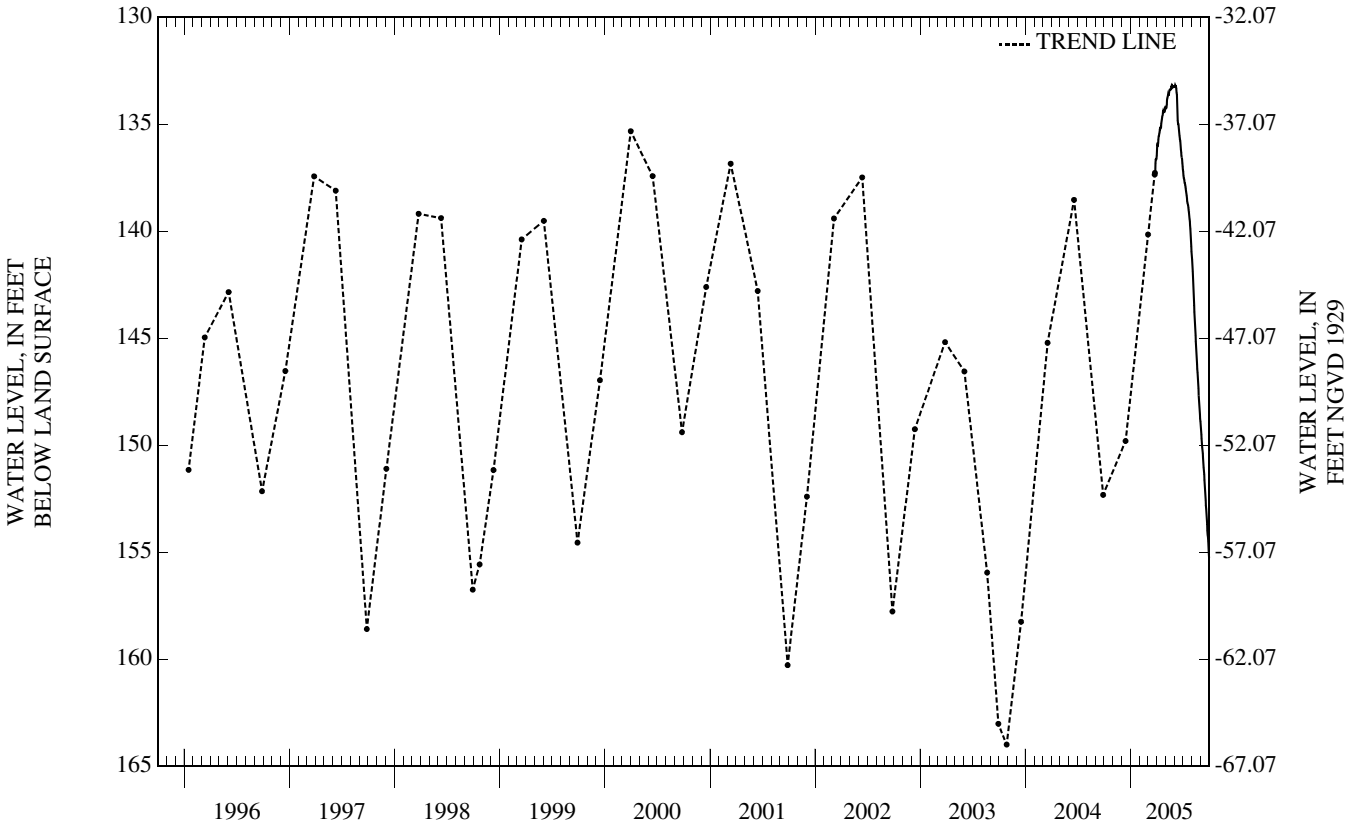
DATUM.--Land surface is 97.93 ft above NGVD of 1929. Measuring point: Top well seal, 1.54 ft above land surface.

PERIOD OF RECORD.--Feb. 1964 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 132.96 ft below land surface, between Mar. 31 and June 15, 2000; lowest, 249.89 ft below land surface, between June 24 and Sept. 28, 1988.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	135.97	134.21	133.20	137.55	142.16	149.91
10	---	---	---	---	---	---	135.42	133.65	133.61	137.94	143.76	150.81
15	---	---	---	---	---	---	135.17	133.42	134.97	138.46	145.15	151.89
20	---	---	---	---	---	---	134.66	133.36	135.64	138.91	146.42	152.98
25	---	---	---	---	---	137.35	134.39	133.26	136.31	139.53	147.66	154.19
EOM	---	---	---	---	---	136.60	134.27	133.21	136.98	140.95	148.89	155.27
MEAN	---	---	---	---	---	---	135.11	133.56	134.87	138.67	145.25	152.07
MAX	---	---	---	---	---	---	136.47	134.24	136.98	140.95	148.89	155.27
MIN	---	---	---	---	---	---	134.27	133.20	133.16	137.10	141.13	149.12



25-0486 Sea Girt Obs

NJ-WRD Well Number, 25-0486. Site I.D., 400711074020201. Local I.D., DOE - Sea Girt Obs.

LOCATION.--Lat 40°07'11", long 74°02'00", Hydrologic Unit 02040301, at the National Guard Camp, Sea Girt Borough.

AQUIFER.--Wenonah-Mount Laurel aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 614 ft, perforated casing 604 to 614 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval.

DATUM.--Land surface is 10 ft above NGVD of 1929, from topographic map. Measuring point: Top of shelf, 3.00 ft above land surface.

REMARKS.--Water level is affected by tidal fluctuation and nearby pumping. Well damaged by construction equipment, Oct. 1997; repaired June 1998.

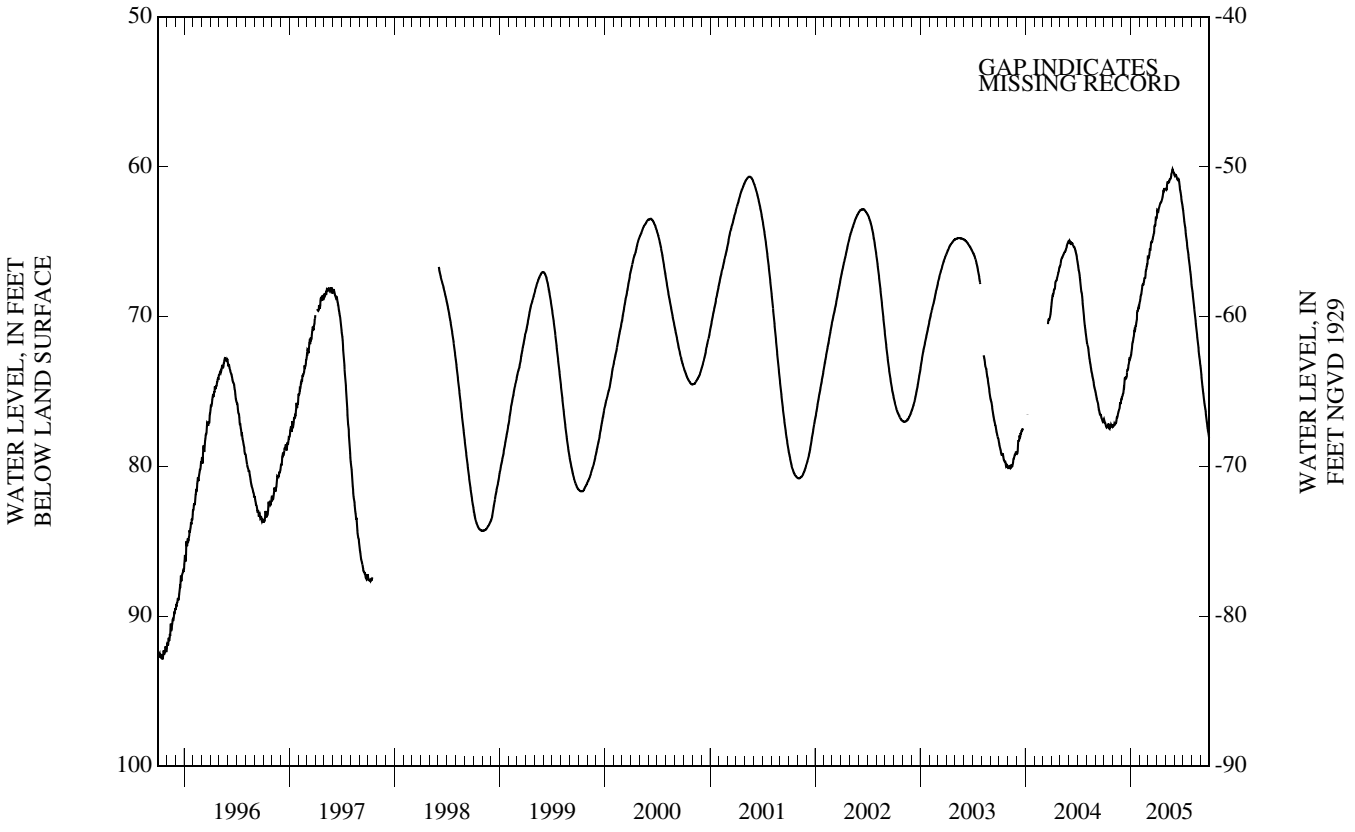
PERIOD OF RECORD.--May 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 60.13 ft below land surface, May 26, 2005; lowest, 195.60 ft below land surface, Sept. 17, 1988.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	77.15	77.16	75.17	72.12	68.56	66.02	63.00	61.52	60.52	63.50	68.63	74.29
10	77.40	77.14	74.42	71.45	67.93	65.59	62.70	61.02	60.72	64.25	69.55	75.14
15	77.18	76.73	74.14	70.95	67.70	65.04	62.39	60.92	60.82	65.08	70.48	75.93
20	77.41	76.33	73.56	70.43	67.41	64.67	62.15	60.76	61.34	65.88	71.38	76.71
25	77.21	75.73	73.19	69.63	66.66	63.93	61.57	60.25	62.01	66.71	72.30	77.46
EOM	77.26	75.53	72.72	69.12	66.50	63.45	61.52	60.42	62.69	67.84	73.28	78.10
MEAN	77.28	76.58	74.01	70.79	67.72	64.88	62.35	60.85	61.20	65.25	70.65	75.96
MAX	77.50	77.31	75.38	72.62	69.03	66.10	63.39	61.52	62.69	67.84	73.28	78.10
MIN	76.93	75.53	72.72	69.12	66.50	63.41	61.52	60.16	60.49	62.80	68.02	73.45

WTR YR 2005 MEAN 68.97 HIGH 60.16 MAY 26 LOW 78.10 SEP 30



25-0635 Howell Twp 1 Obs

NJ-WRD Well Number, 25-0635. Site I.D., 401105074120201. Local I.D., Howell Twp 1 Obs. NJ Permit Number, 29-18402-9.

LOCATION.--Lat 40°11'05", long 74°12'01", Hydrologic Unit 02040301, on the south side of Peskin Rd., about 5,000 ft east of the intersection of Georgia Tavern Rd. and Peskin Rd., Howell Township.

AQUIFER.--Potomac-Raritan-Magothy aquifer system, undifferentiated, of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 2 in., depth 1,360 ft, screened 1,226 to 1,240, and 1,280 to 1,290 and 1,320 to 1,330 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval.

DATUM.--Land surface is 111.3 ft above NGVD of 1929. Measuring point: Top of shelf, 2.10 ft above land surface.

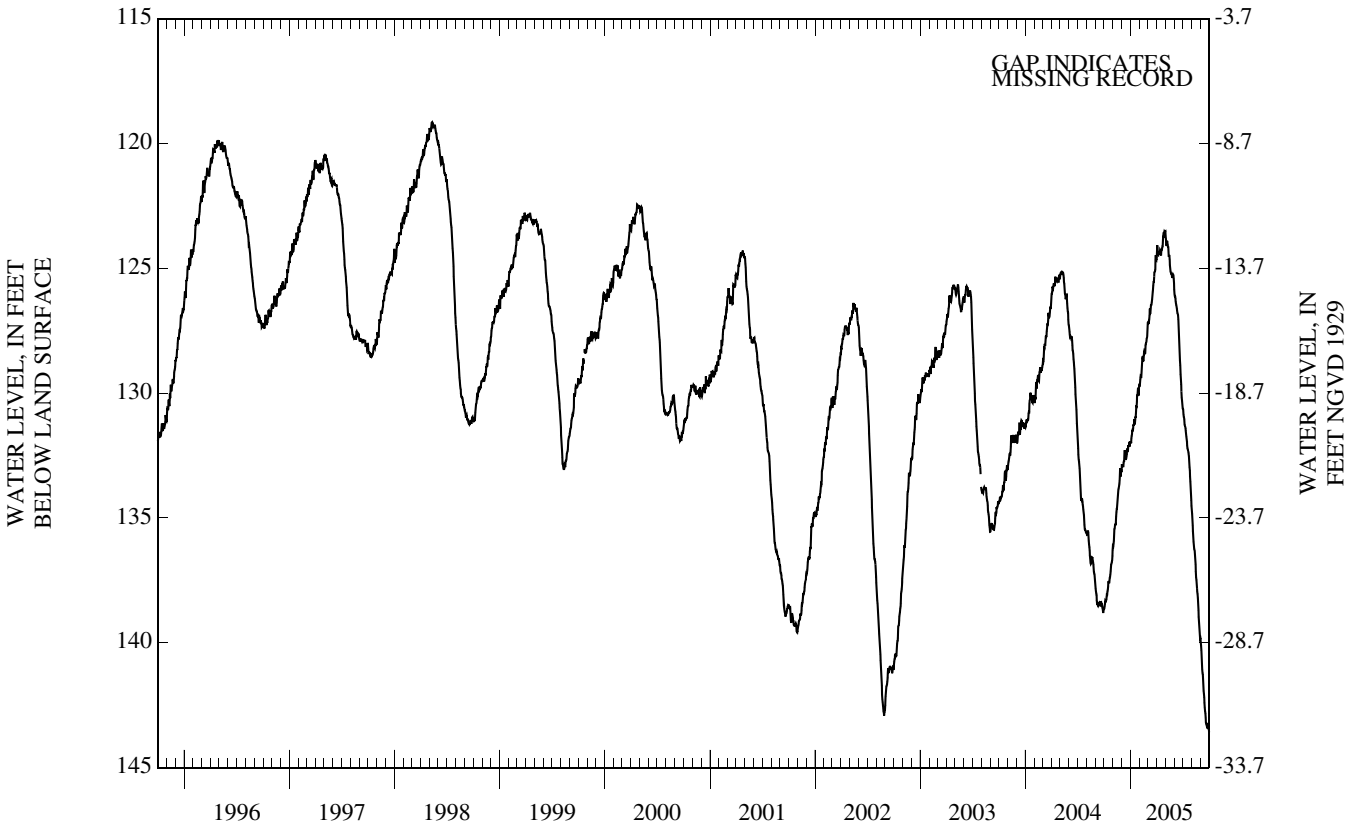
PERIOD OF RECORD.--Dec. 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 119.12 ft below land surface, May. 11, 1998; lowest, 150.32 ft below land surface, Sept. 2, 1988.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	138.35	135.46	132.93	131.66	129.35	127.15	124.45	124.10	126.22	130.99	135.52	140.85
10	138.07	135.23	132.42	131.26	128.60	126.80	124.41	124.13	126.62	131.42	136.26	141.69
15	137.61	134.45	132.68	131.25	128.50	126.35	124.43	124.50	127.06	131.96	137.15	142.59
20	137.41	133.81	132.24	130.54	128.40	125.69	124.17	125.16	128.53	132.37	137.96	143.24
25	136.88	133.01	132.15	129.96	127.82	125.15	123.71	125.38	129.67	133.10	138.96	143.43
EOM	136.12	133.14	131.98	129.66	127.47	124.66	123.52	125.60	130.60	134.52	139.83	143.58
MEAN	137.59	134.41	132.44	130.86	128.59	126.05	124.14	124.66	127.80	132.19	137.33	142.28
MAX	138.64	136.14	132.96	132.01	129.68	127.23	124.56	125.60	130.60	134.52	139.85	143.58
MIN	136.12	133.01	131.94	129.66	127.47	124.47	123.52	123.51	125.85	130.63	134.69	139.98

WTR YR 2005 MEAN 131.55 HIGH 123.51 MAY 1 LOW 143.58 SEP 30



25-0636 Howell Twp 2 Obs

NJ-WRD Well Number, 25-0636. Site I.D., 401105074120202. Local I.D., Howell Twp 2 Obs. NJ Permit Number, 29-18404-5

LOCATION.--Lat 40°11'05", long 74°12'01", Hydrologic Unit 02040301, on the south side of Peskin Rd., about 5,000 ft east of the intersection of Georgia Tavern Rd. and Peskin Rd., Howell Township.

AQUIFER.--Vincentown aquifer of Paleocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in., depth 100 ft, screened 85 to 95 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval.

DATUM.--Land surface is 111.9 ft above NGVD of 1929. Measuring point: Top of shelf, 1.20 ft above land surface.

REMARKS.--Water level is affected by the stage of the Manasquan Reservoir and by nearby pumping.

PERIOD OF RECORD.--Dec. 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 35.15 ft below land surface, May. 12, 1998; lowest, 56.09 ft below land surface, Apr. 29, 1988.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	38.71	38.64	38.25	38.09	38.10	37.73	36.81	37.34	37.73	38.41	39.35	40.11
10	38.82	38.88	37.85	37.82	37.83	37.61	36.74	37.49	38.16	38.23	39.32	40.27
15	38.87	38.50	38.07	37.66	37.61	37.66	37.08	37.58	38.30	38.52	39.50	40.34
20	38.87	38.51	37.96	37.64	37.65	37.71	37.27	37.72	38.67	38.36	39.60	40.29
25	38.68	38.31	37.93	37.83	37.60	37.50	37.41	37.65	38.85	38.76	39.81	40.53
EOM	38.75	38.32	38.09	38.08	37.61	37.05	37.31	37.87	38.49	39.10	39.68	40.61
MEAN	38.80	38.59	38.02	37.87	37.79	37.55	37.07	37.53	38.33	38.54	39.52	40.28
MAX	39.04	38.89	38.29	38.17	38.14	37.75	37.49	37.87	38.96	39.10	39.87	40.61
MIN	38.63	38.29	37.72	37.56	37.46	36.91	36.54	37.10	37.73	38.21	39.05	39.77

WTR YR 2005 MEAN 38.33 HIGH 36.54 APR 3 LOW 40.61 SEP 30

25-0637 Howell Twp 3 Obs

NJ-WRD Well Number, 25-0637. Site I.D., 401105074120203. Local I.D., Howell Twp 3 Obs. NJ Permit Number, 29-18400-2.

LOCATION.--Lat 40°11'05", long 74°12'01", Hydrologic Unit 02040301, on the south side of Peskin Rd., about 5,000 ft east of the intersection of Georgia Tavern Rd. and Peskin Rd., Howell Township.

AQUIFER.--Wenonah-Mount Laurel aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 324 ft, screened 307 to 317 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval.

DATUM.--Land surface is 111.9 ft above NGVD of 1929. Measuring point: Top of shelf, 1.80 ft above land surface.

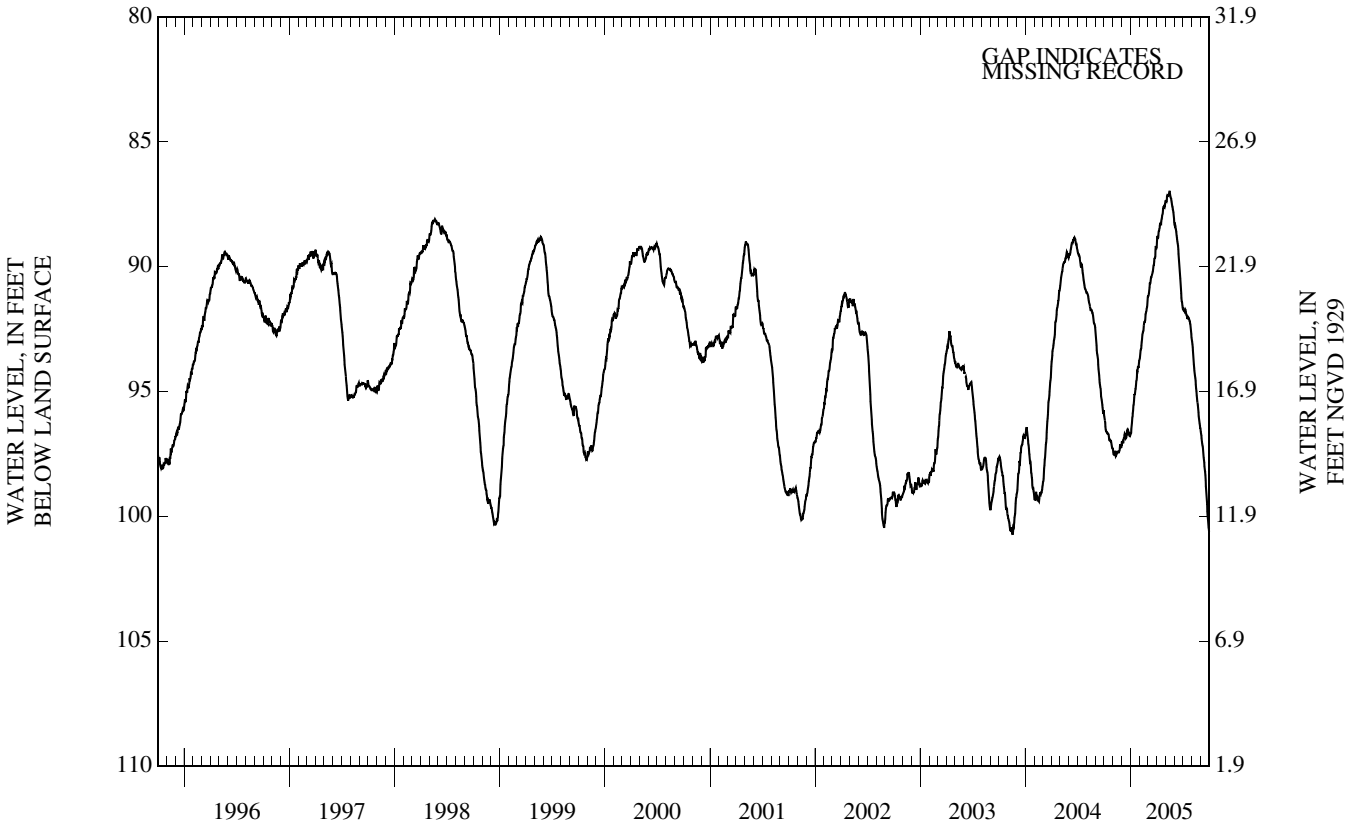
PERIOD OF RECORD.--Dec. 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 86.98 ft below land surface, May 16, 2005; lowest, 140.65 ft below land surface, Oct. 6-7, 1988.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	96.41	97.38	97.04	96.26	93.31	91.07	88.89	87.39	88.39	91.76	93.36	97.00
10	96.62	97.59	96.76	95.57	92.74	90.67	88.51	87.17	88.83	91.73	94.17	97.47
15	96.70	97.43	96.88	95.14	92.37	90.37	88.31	86.99	89.31	92.00	94.72	98.11
20	96.92	97.44	96.54	94.60	92.14	90.05	87.96	87.25	90.22	92.03	95.39	98.97
25	97.03	97.11	96.68	94.11	91.69	89.66	87.64	87.58	91.06	92.20	95.98	100.00
EOM	97.30	97.17	96.73	93.74	91.42	89.26	87.51	88.08	91.64	92.83	96.48	100.61
MEAN	96.77	97.40	96.79	95.08	92.51	90.26	88.23	87.36	89.67	92.03	94.83	98.41
MAX	97.30	97.59	97.06	96.67	93.70	91.21	89.18	88.08	91.64	92.83	96.48	100.61
MIN	96.00	97.11	96.54	93.74	91.42	89.17	87.51	86.99	88.23	91.68	92.92	96.61

WTR YR 2005 MEAN 93.28 HIGH 86.99 MAY 15 LOW 100.61 SEP 30



25-0638 Howell Twp 4 Obs

NJ-WRD Well Number, 25-0638. Site I.D., 401105074120204. Local I.D., Howell Twp 4 Obs. NJ Permit Number, 29-18401-1.

LOCATION.--Lat 40°11'05", long 74°12'01", Hydrologic Unit 02040301, on the south side of Peskin Rd., about 5,000 ft east of the intersection of Georgia Tavern Rd. and Peskin Rd., Howell Township.

AQUIFER.--Englishtown aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 499 ft, screened 483 to 493 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval.

DATUM.--Land surface is 112.1 ft above NGVD of 1929. Measuring point: Top of shelf, 1.80 ft above land surface.

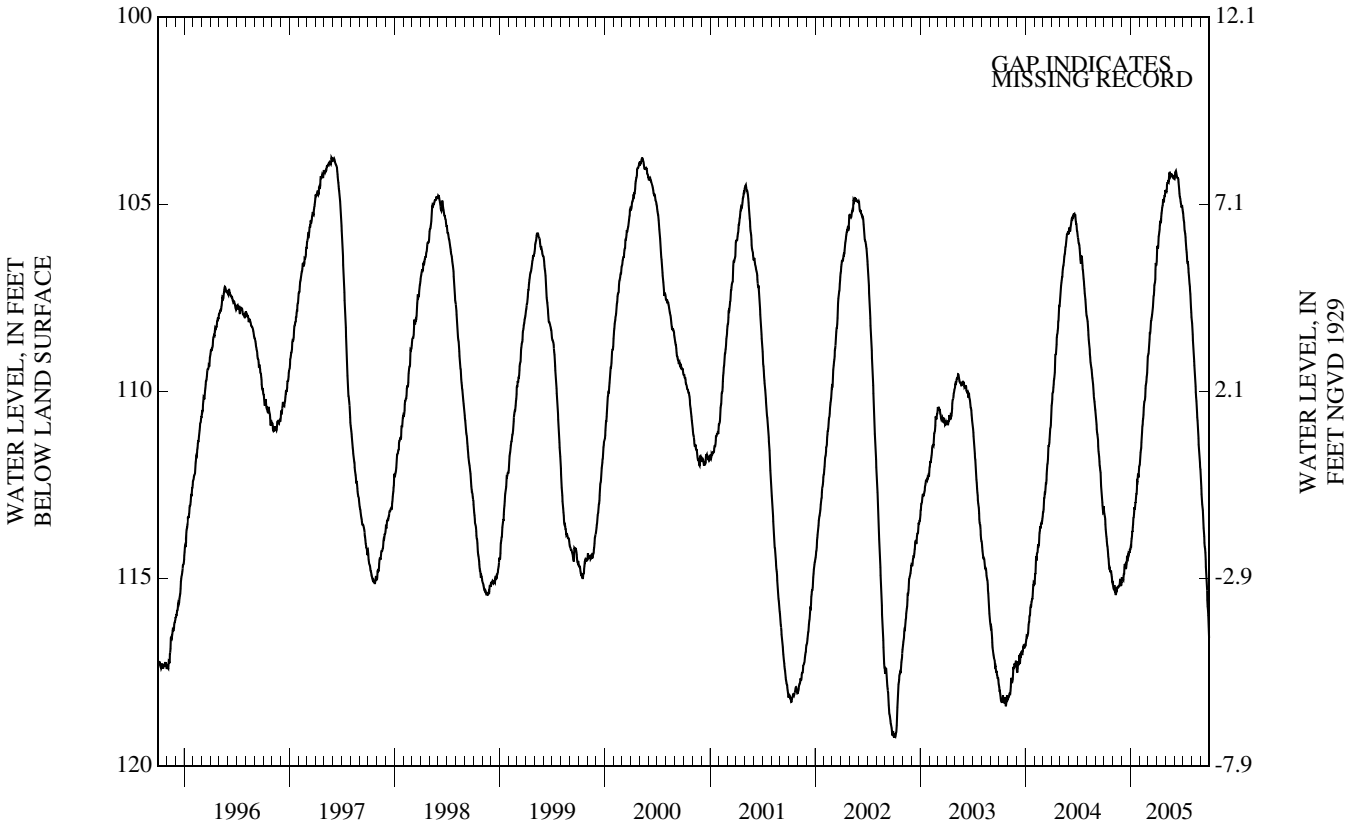
PERIOD OF RECORD.--Dec. 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 103.74 ft below land surface, May 26-27, 1997; lowest, 165.02 ft below land surface, Oct. 21, 1988.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	113.55	115.17	115.02	113.88	111.56	108.87	106.19	104.67	104.14	105.48	108.63	112.89
10	114.00	115.44	114.69	113.38	110.93	108.41	105.74	104.41	104.26	105.88	109.30	113.48
15	114.42	115.27	114.74	113.15	110.43	108.01	105.49	104.16	104.34	106.41	110.02	114.15
20	114.72	115.22	114.40	112.74	110.14	107.60	105.08	104.22	104.80	106.72	110.69	114.81
25	114.82	115.00	114.35	112.31	109.62	107.12	104.91	104.26	105.01	107.20	111.42	115.74
EOM	115.10	115.11	114.18	111.99	109.30	106.62	104.72	104.28	105.16	108.01	112.09	116.58
MEAN	114.35	115.23	114.61	113.04	110.60	107.88	105.45	104.35	104.56	106.46	110.14	114.29
MAX	115.10	115.44	115.04	114.13	111.95	109.08	106.52	104.67	105.16	108.01	112.09	116.58
MIN	113.25	115.00	114.18	111.99	109.30	106.57	104.72	104.16	104.12	105.20	108.10	112.28

WTR YR 2005 MEAN 110.08 HIGH 104.12 JUN 7 LOW 116.58 SEP 30



25-0639 Howell Twp 5 Obs

NJ-WRD Well Number, 25-0639. Site I.D., 401105074120205. Local I.D., Howell Twp 5 Obs. NJ Permit Number, 29-18403-7.

LOCATION.--Lat 40°11'05", long 74°12'01", Hydrologic Unit 02040301, on the south side of Peskin Rd., about 5,000 ft east of the intersection of Georgia Tavern Rd. and Peskin Rd., Howell Township.

AQUIFER.--Upper Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 907 ft, screened 891 to 901 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval.

DATUM.--Land surface is 111.7 ft above NGVD of 1929. Measuring point: Top of shelf, 2.40 ft above land surface.

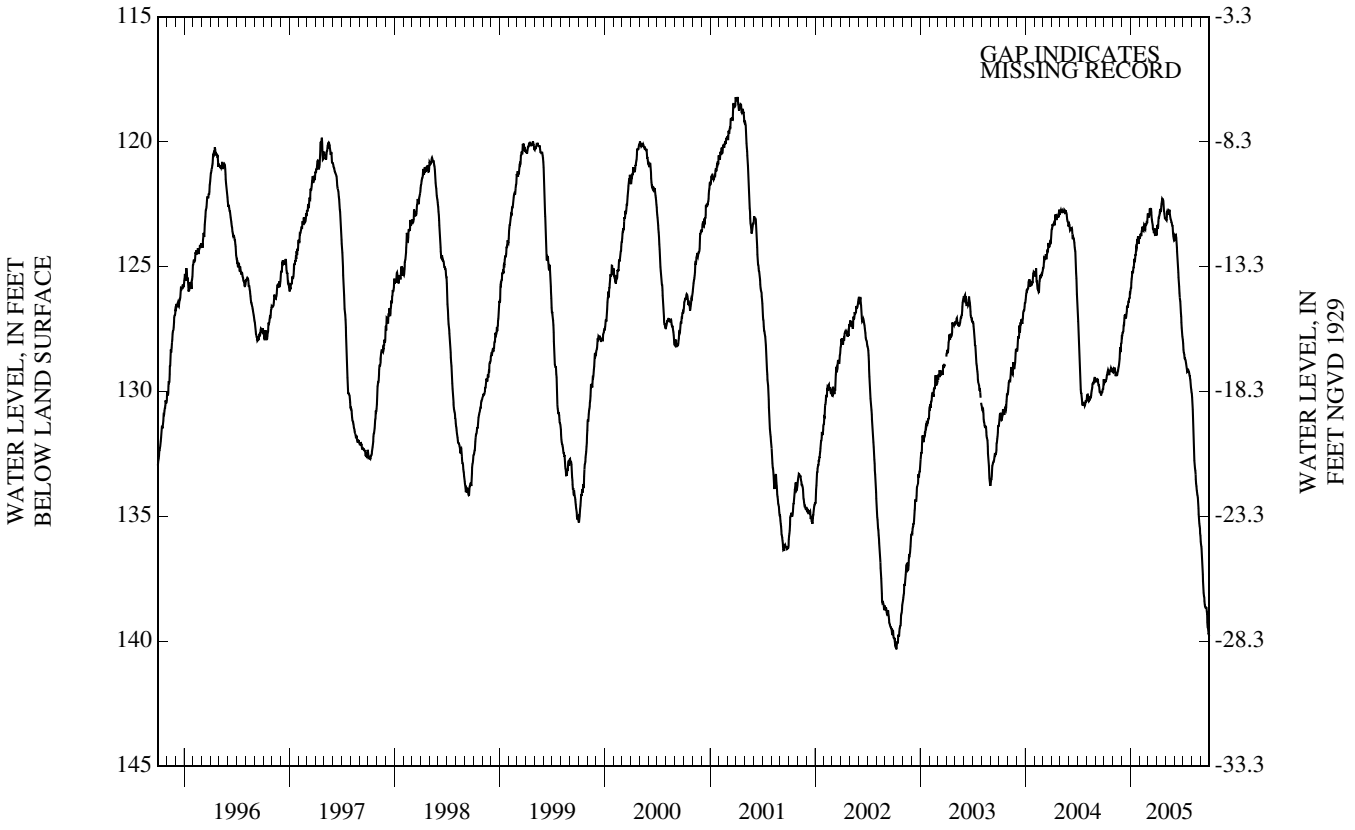
PERIOD OF RECORD.--Mar. 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 118.12 ft below land surface, Mar. 30, 2001; lowest, 149.23 ft below land surface, Oct. 6-7, 1988.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	129.56	129.04	127.61	125.39	123.72	123.00	123.47	123.14	123.76	128.48	131.01	136.62
10	129.35	129.39	127.05	125.04	123.40	122.81	122.95	122.82	124.23	128.75	132.77	137.85
15	129.15	129.32	127.08	124.82	123.43	123.10	122.78	122.72	125.24	129.14	133.52	138.53
20	129.20	129.01	126.58	124.22	123.51	123.49	122.27	123.11	126.24	129.15	134.11	138.65
25	129.08	128.24	126.40	123.89	123.22	123.65	122.54	123.35	127.02	129.38	134.91	139.44
EOM	129.09	128.02	125.96	123.84	123.07	123.75	123.06	123.91	127.88	130.02	135.78	139.80
MEAN	129.30	128.95	126.88	124.65	123.48	123.22	122.86	123.13	125.44	129.04	133.36	138.21
MAX	129.65	129.39	127.77	125.86	123.86	123.76	123.71	123.91	127.88	130.02	135.78	139.80
MIN	129.05	128.02	125.96	123.78	123.07	122.66	122.27	122.72	123.74	127.93	130.07	136.02

WTR YR 2005 MEAN 127.39 HIGH 122.27 APR 20 LOW 139.80 SEP 30



25-0715 Atlantic Highlands B Obs

NJ-WRD Well Number, 25-0715. Site I.D., 402426074001901. Local I.D., Atlantic Highlands B Obs. NJ Permit Number, 29-25384.

LOCATION.--Lat 40°24'26", long 74°00'17", Hydrologic Unit 02030104, near the intersection of Highland Ave. and Beverot Pl., Atlantic Highlands Borough.

AQUIFER.--Englishtown aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 360 ft, screened 350 to 360 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval.

DATUM.--Land surface is 228.8 ft above NGVD of 1929. Measuring point: Top of shelf, 2.90 ft above land surface.

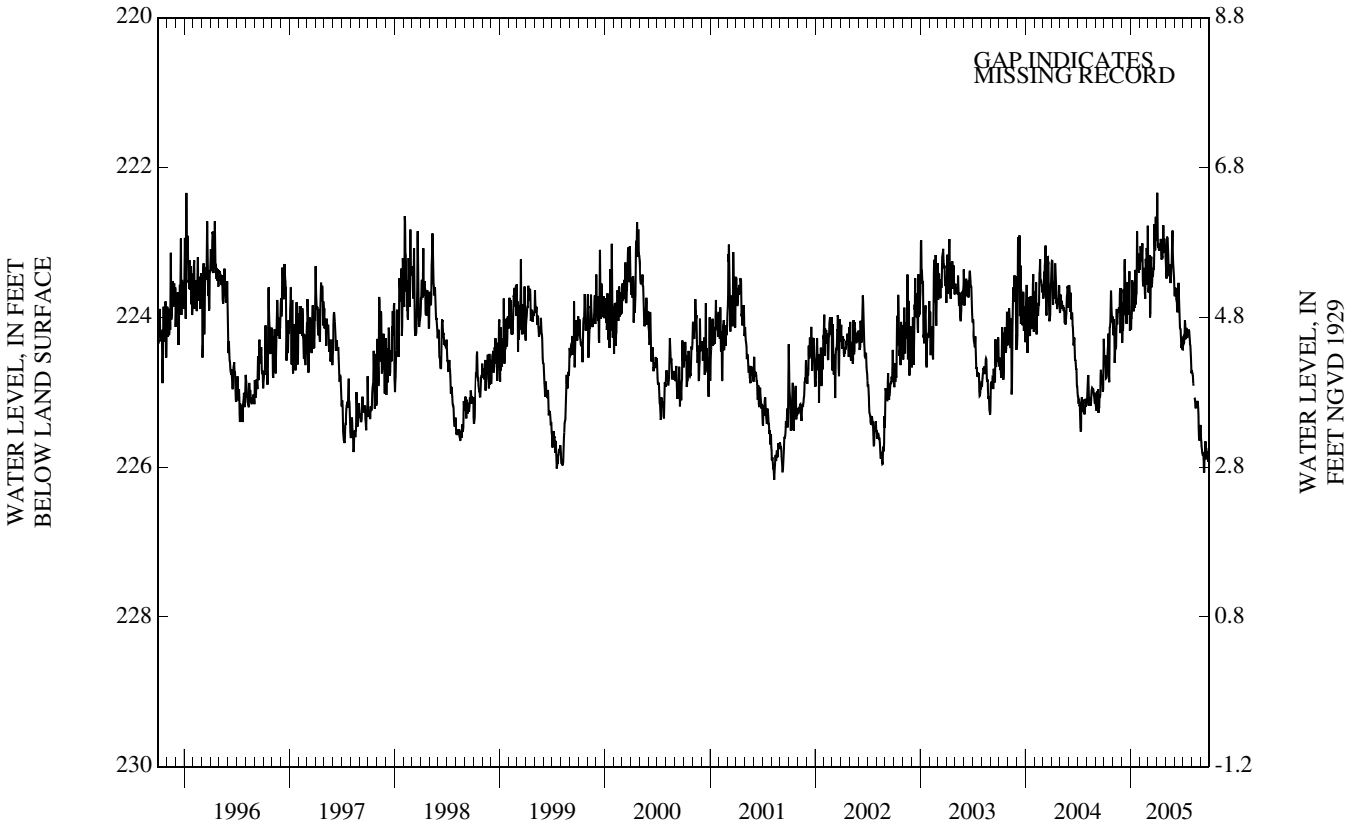
REMARKS.--Water level is affected by tidal fluctuation and nearby pumping.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 221.79 ft below land surface, Mar. 14, 1993; lowest, 226.47 ft below land surface, Aug. 11, 2001.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	224.60	224.17	224.18	223.89	223.12	223.59	223.05	223.48	223.63	224.34	224.78	225.77
10	224.72	224.38	223.35	223.78	223.01	223.94	223.07	223.06	223.81	224.29	225.07	225.83
15	224.22	224.10	223.99	223.88	223.34	223.60	222.95	223.30	223.62	224.24	225.22	225.85
20	224.14	223.91	223.65	223.70	223.75	223.39	223.19	223.51	224.05	224.22	225.13	225.79
25	223.69	223.61	223.81	223.38	223.08	222.93	222.96	222.89	224.35	224.31	225.48	225.82
EOM	223.99	223.90	224.02	223.15	223.42	222.98	223.04	223.48	224.43	224.75	225.44	225.95
MEAN	224.35	224.07	223.84	223.61	223.32	223.30	223.00	223.26	223.94	224.29	---	225.81
MAX	224.87	224.61	224.34	224.15	223.75	224.00	223.23	223.54	224.43	224.75	---	226.07
MIN	223.65	223.61	223.23	222.86	223.01	222.66	222.34	222.84	223.54	224.04	---	225.57



25-0771 Sandy Hook 2 Obs

NJ-WRD Well Number, 25-0771. Site I.D., 402350073583901. Local I.D., Sandy Hook 2 Obs. NJ Permit Number, 29-36217.

LOCATION.--Lat 40°23'50", long 73°58'37", Hydrologic Unit 02030104, near the main entrance of Sandy Hook National Park, Sea Bright Boro.

AQUIFER.--Englishtown aquifer system of Cretaceous age.

WELL CHARACTERISTICS.-- Drilled artesian observation well, diameter 4 in., depth 278 ft, screened 258 to 278 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

DATUM.-- Land surface is 8.4 ft above NGVD of 1929. Measuring point: Top of casing, 4.4 ft above land surface

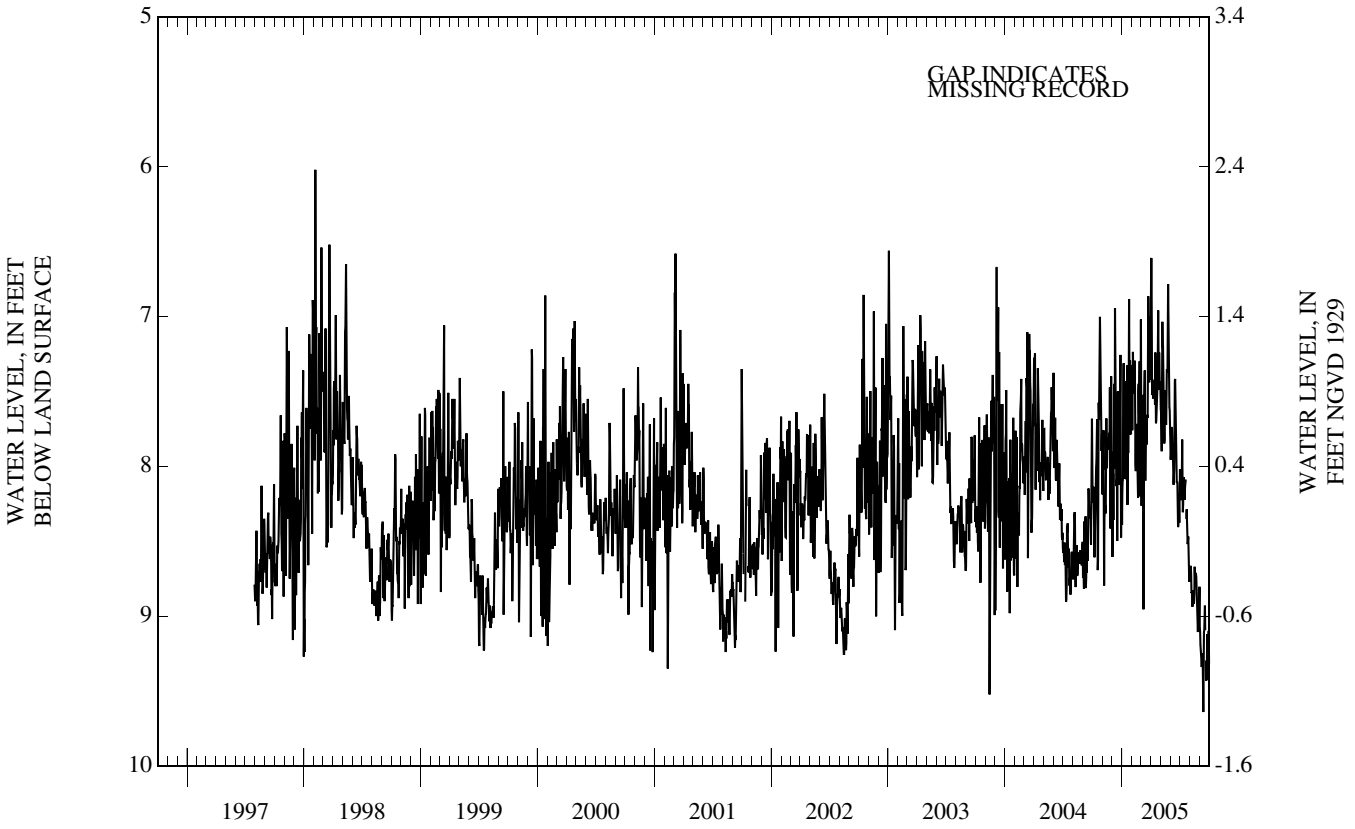
REMARKS.--Water-level affected by tidal fluctuation.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 4.63 ft below land surface, Feb. 24, 1998; lowest, 10.96 ft below land surface, Sept. 19, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.31	8.41	8.36	7.87	7.42	8.01	7.52	7.90	7.76	8.21	8.72	9.26
10	8.34	8.26	6.94	7.81	7.29	8.26	7.52	7.40	8.00	8.31	8.83	9.26
15	7.69	8.01	8.13	8.09	7.82	8.09	7.24	7.50	7.43	8.21	8.85	9.09
20	7.57	7.82	7.93	7.91	8.21	7.69	7.57	7.59	8.04	---	8.72	9.30
25	7.24	7.61	7.83	7.79	7.30	7.27	7.35	6.78	8.41	8.52	9.05	9.29
EOM	7.79	7.90	8.08	7.32	7.62	7.42	7.43	7.70	8.27	8.74	8.80	9.32
MEAN	7.98	7.98	7.92	7.72	7.67	7.66	7.39	7.49	7.98	---	8.84	---
MAX	8.69	8.80	8.61	8.39	8.21	8.96	7.71	7.90	8.41	---	9.11	---
MIN	7.00	7.40	6.94	6.88	7.24	6.86	6.61	6.78	7.42	---	8.66	---



25-0800 MW 72

NJ-WRD Well Number, 25-0800. Site I.D., 401229074290001. Local I.D., MW 72. NJ Permit Number, 28-48499.

LOCATION.--Lat 40°12'29", long 74°29'00", Hydrologic Unit 02030105, Mitchell Rd, Assunpink Wildlife Management Area, Upper Freehold Twp.

AQUIFER.--Wenonah-Mount Laurel aquifer of Cretaceous age.

WELL CHARACTERISTICS.-- Drilled water-table observation well, diameter 2 in., depth 18.5 ft, screened 13.5 to 18.5 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

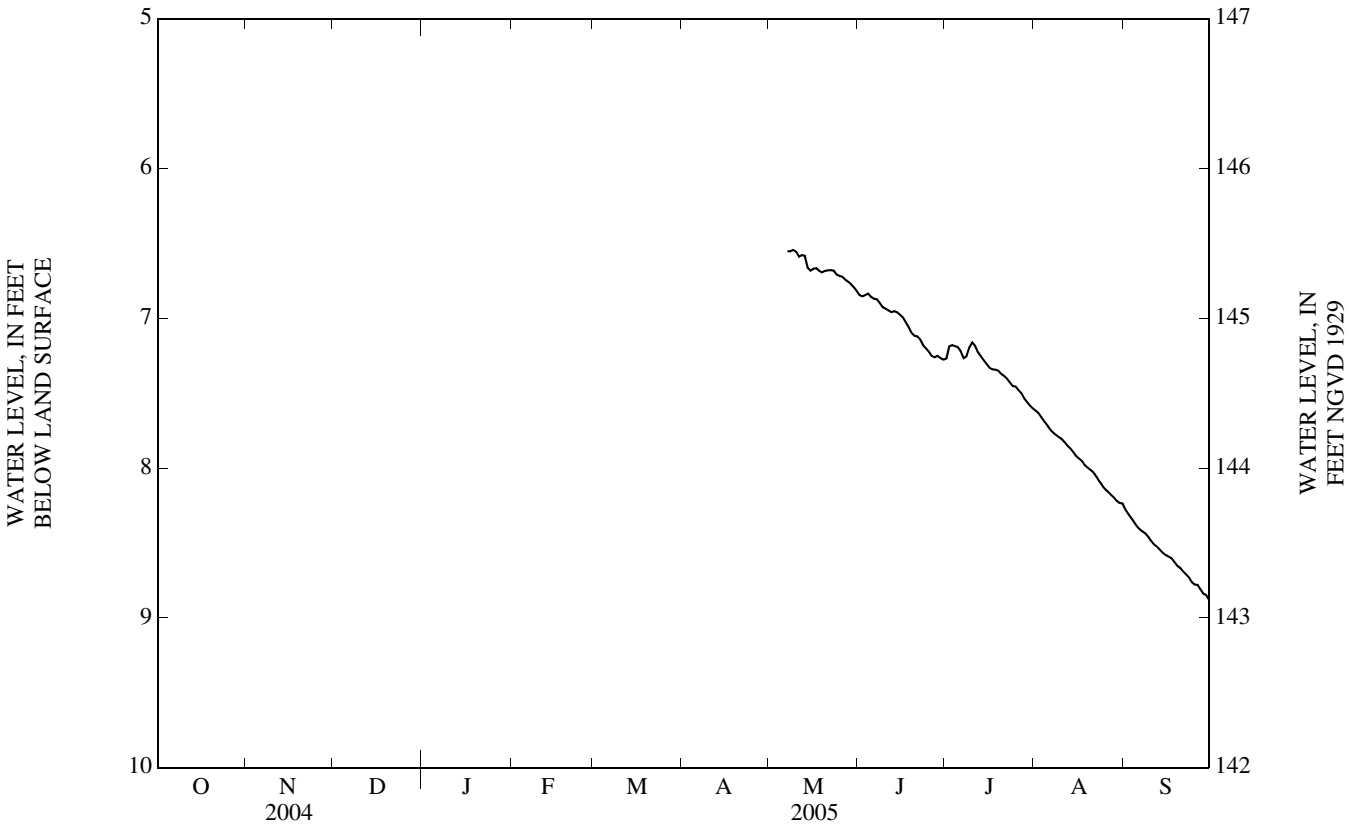
DATUM.-- Land surface is 152 ft above NGVD of 1929 from topographic map. Measuring point: Top of protective casing, 1.83 ft above land surface

PERIOD OF RECORD.--May 2005 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 6.47 ft below land surface, May 6, 2005; lowest, 8.89 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

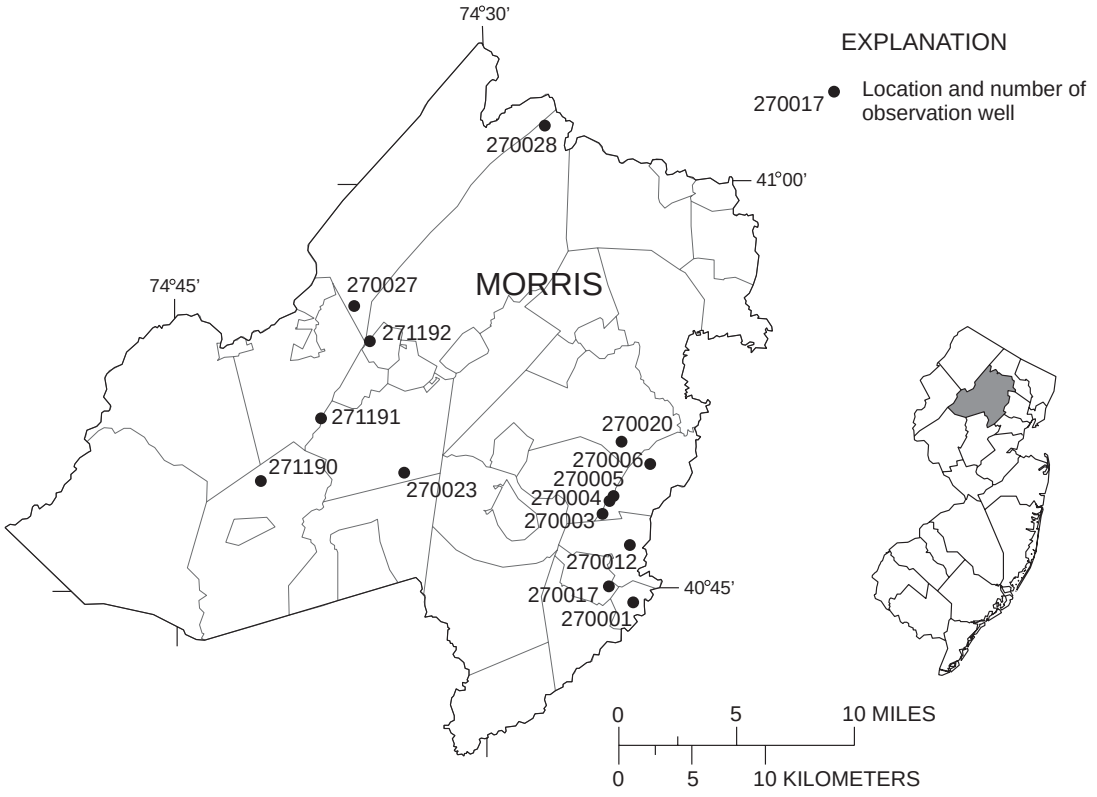
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	---	---	6.86	7.19	7.71	8.39
10	---	---	---	---	---	---	---	6.56	6.94	7.16	7.81	8.49
15	---	---	---	---	---	---	---	6.68	6.98	7.31	7.92	8.58
20	---	---	---	---	---	---	---	6.68	7.12	7.37	8.01	8.67
25	---	---	---	---	---	---	---	6.72	7.22	7.46	8.14	8.78
EOM	---	---	---	---	---	---	---	6.82	7.28	7.60	8.24	8.88
MEAN	---	---	---	---	---	---	---	---	7.03	7.34	7.94	8.59
MAX	---	---	---	---	---	---	---	---	7.28	7.60	8.24	8.88
MIN	---	---	---	---	---	---	---	---	6.84	7.16	7.62	8.28



MORRIS COUNTY

NJ-WRD well number	Local identifier	Township	Well depth	Aquifer	Type of data
270001	RECREATION FLD OBS	CHATHAM BORO	150	SFDF	MANUAL
270003	W B DRIVER 2 OBS	EAST HANOVER TWP	108	SFDF	MANUAL
270004	CLEMENS OBS	EAST HANOVER TWP	110	SFDF	MANUAL
270005	SANDOZ OBS	EAST HANOVER TWP	123	SFDF	MANUAL
270006	GREEN ACRES OBS	EAST HANOVER TWP	104	SFDF	MANUAL
270012	BRIARWOOD SCHOOL OBS	FLORHAM PARK BORO	110	SFDF	DAILY
270017	MADISON 4 OBS	MADISON BORO	100	SFDF	MANUAL
270020	TROY MEADOWS 1 OBS	PARSIP-TROY HILLS TWP	89	SFDF	DAILY
270023	MT FREEDOM 2 OBS	RANDOLPH TWP	218	PCMB	MANUAL
270027	BERKSHIRE VALLEY 9 OBS	JEFFERSON TWP	98	SFDF	DAILY
270028	GREEN POND 5 OBS	ROCKAWAY TWP	120	SFDF	DAILY
271190	BLACK RIVER 10 OBS	CHESTER TWP	200	PCMB	DAILY
271191	ROXBURY 1 OBS	ROXBURY TWP	154	SFDF	DAILY
271192	MORRIS MAINT YD 22 OBS	WHARTON BORO	100	SFDF	DAILY

Aquifer names
PCMB - Precambrian Erathem
SFDF - Stratified drift



27-0001 Recreation Fld Obs

NJ-WRD Well Number, 27-0001. Site I.D., 404432074225301. Local I.D., Recreation Fld Obs. NJ Permit Number, 25-14164.

LOCATION.--Lat 40°44'32", long 74°22'51", Hydrologic Unit 02030103, at Chatham Recreation Field, about 35 ft east of the intersection of Center Place and North Passaic St., Chatham Borough.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 150 ft, screened 140 to 150 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level recorder, Mar. 1967 to Aug. 1970.

DATUM.--Land surface is 218.8 ft above NGVD of 1929, by altimeter. Measuring point: Top of shelf, 3.20 ft above land surface.

REMARKS.--Water level is affected by nearby pumping.

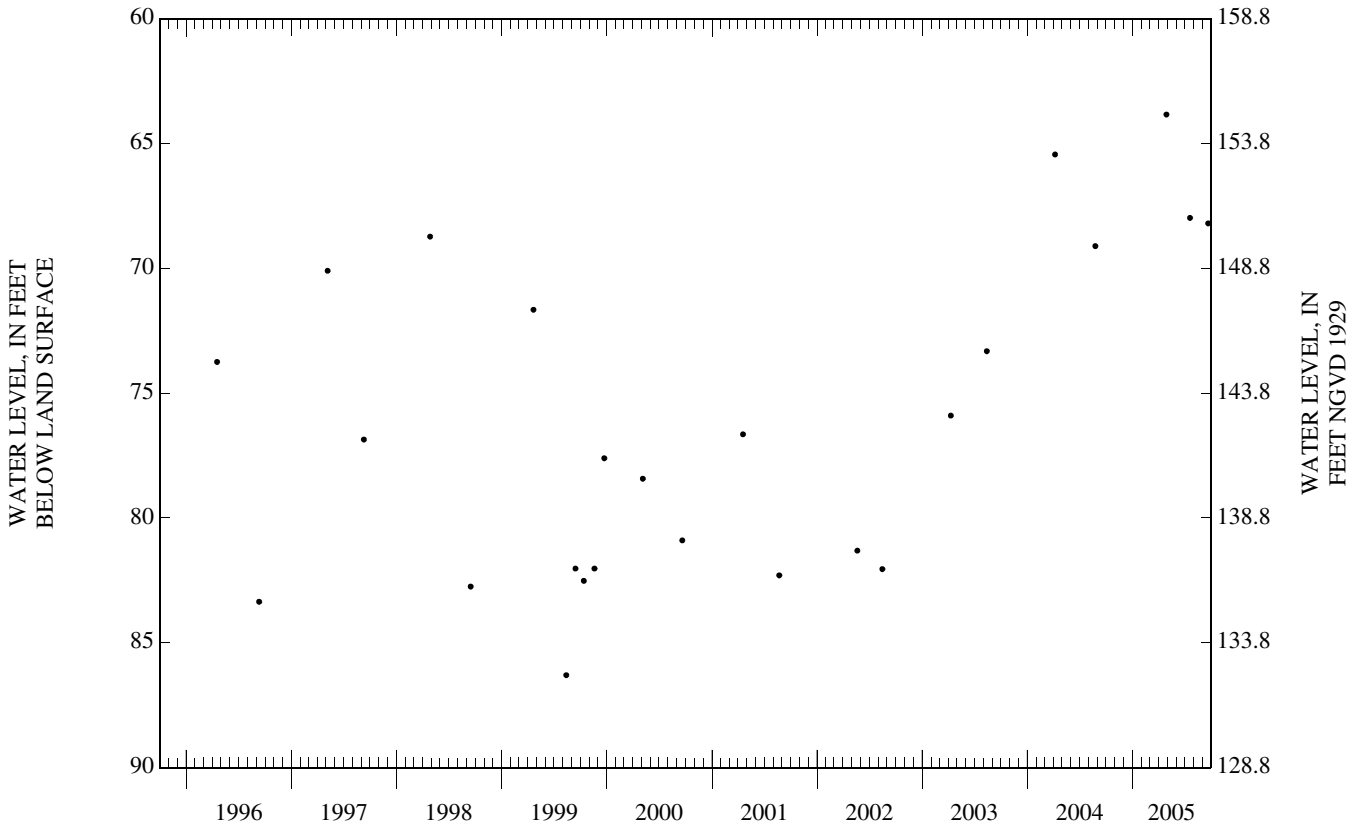
PERIOD OF RECORD.--Mar. 1967 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 63.84 ft below land surface, Apr. 28, 2005; lowest, 94.55 ft below land surface, Aug. 16, 1970.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 28	63.84	JUL 19	67.98	SEP 20	68.20

WATER YEAR 2005 HIGHEST 63.84 APR 28, 2005 LOWEST 68.20 SEP 20, 2005



27-0003 W B Driver 2 Obs

NJ-WRD Well Number, 27-0003. Site I.D., 404748074241901. Local I.D., W B Driver 2 Obs. NJ Permit Number, 25-13653.

LOCATION.--Lat 40°47'48", long 74°24'18", Hydrologic Unit 02030103, near the Precision Rolled Products Plant, about 2,500 ft north of Columbia Rd., East Hanover Township.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 108 ft, screened 99 to 108 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level recorder, Mar. 1966 to Apr. 1975.

DATUM.--Land surface is 178.26 ft above NGVD of 1929. Measuring point: Top of base of aluminum locking cap, 4.21 ft above land surface.

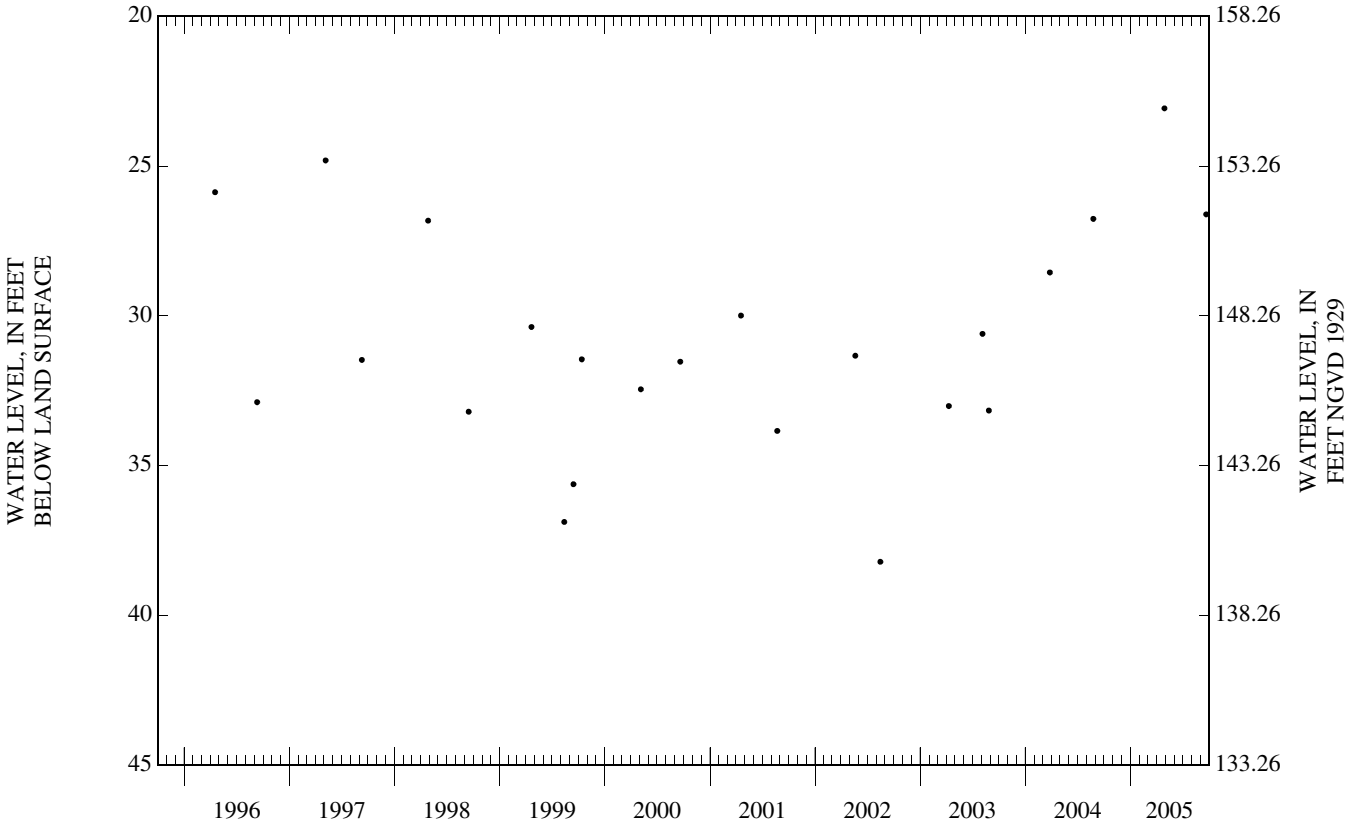
REMARKS.--Water level is affected by nearby pumping.

PERIOD OF RECORD.--Mar. 1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 3.56 ft below land surface, Apr. 10, 1967; lowest, 38.21 ft below land surface, Aug. 15, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 28	23.07	SEP 20	26.61



27-0004 Clemens Obs

NJ-WRD Well Number, 27-0004. Site I.D., 404816074235901. Local I.D., Clemens Obs.

LOCATION.--Lat 40°48'16", long 74°23'58", Hydrologic Unit 02030103, about 3,200 ft southwest of the intersection of Rt. 10 and Ridgedale Ave., East Hanover Township.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 110 ft, screened 100 to 110 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Periodic measurements, Feb. 1975 to Sept. 1984. Water-level recorder, May 1966 to Feb. 1975.

DATUM.--Land surface is 174.91 ft above NGVD of 1929. Measuring point: Top of bushing, 4.60 ft above land surface.

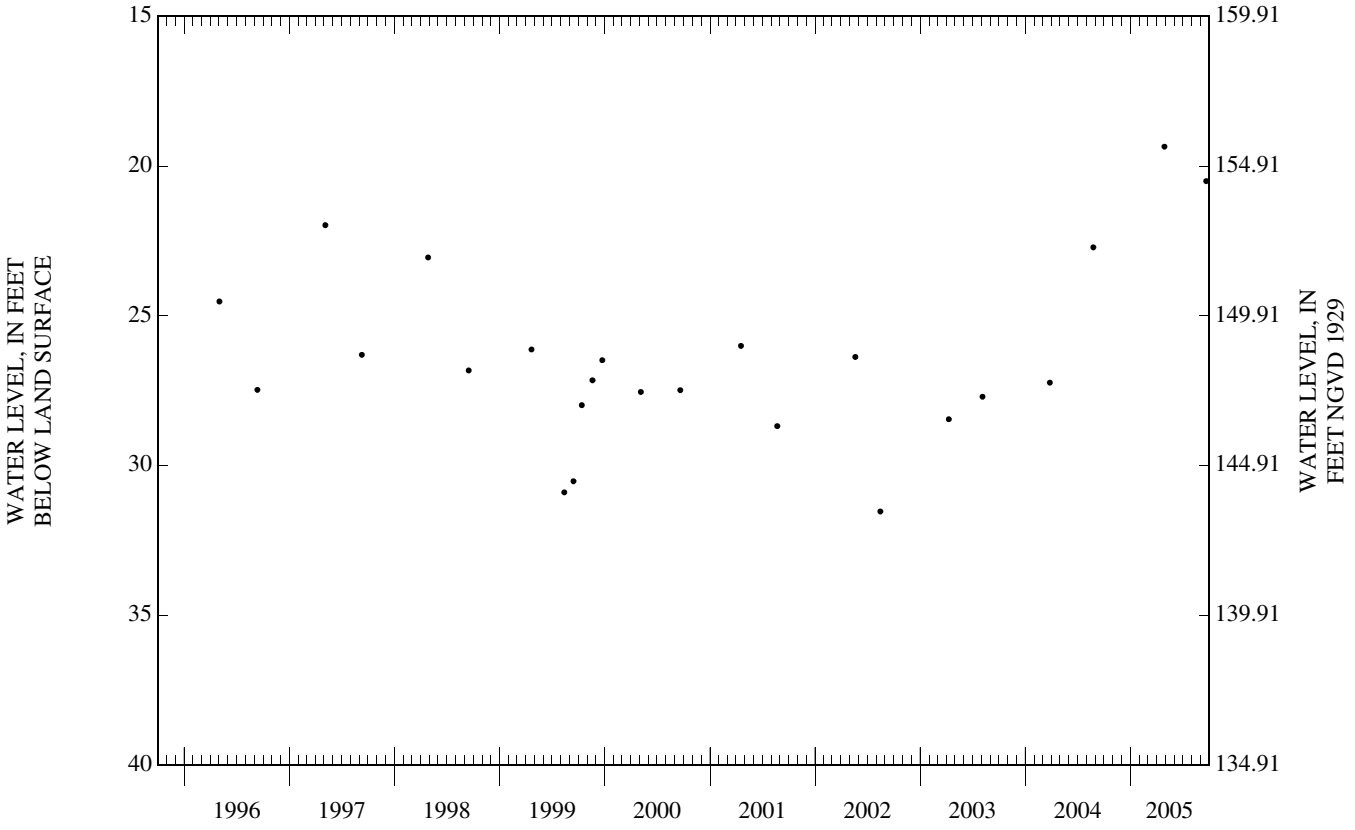
REMARKS.--Water level is affected by nearby pumping.

PERIOD OF RECORD.--May 1966 to Sept. 1984, Apr. 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.33 ft below land surface, May 7, 1967; lowest, 31.53 ft below land surface, Aug. 15, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 28	19.35	SEP 20	20.50



27-0005 Sandoz Obs

NJ-WRD Well Number, 27-0005. Site I.D., 404826074234701. Local I.D., Sandoz Obs. NJ Permit Number, 23-13476.

LOCATION.--Lat 40°48'26", long 74°23'46", Hydrologic Unit 02030103, about 600 ft west of Ridgedale Ave., and about 2,000 ft south of Rt. 10, East Hanover Township.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 123 ft, screened 113 to 123 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level recorder, Feb. 1966 to Oct. 1975.

DATUM.--Land surface is 188.25 ft above NGVD of 1929. Measuring point: Top of bushing, 3.94 ft above land surface.

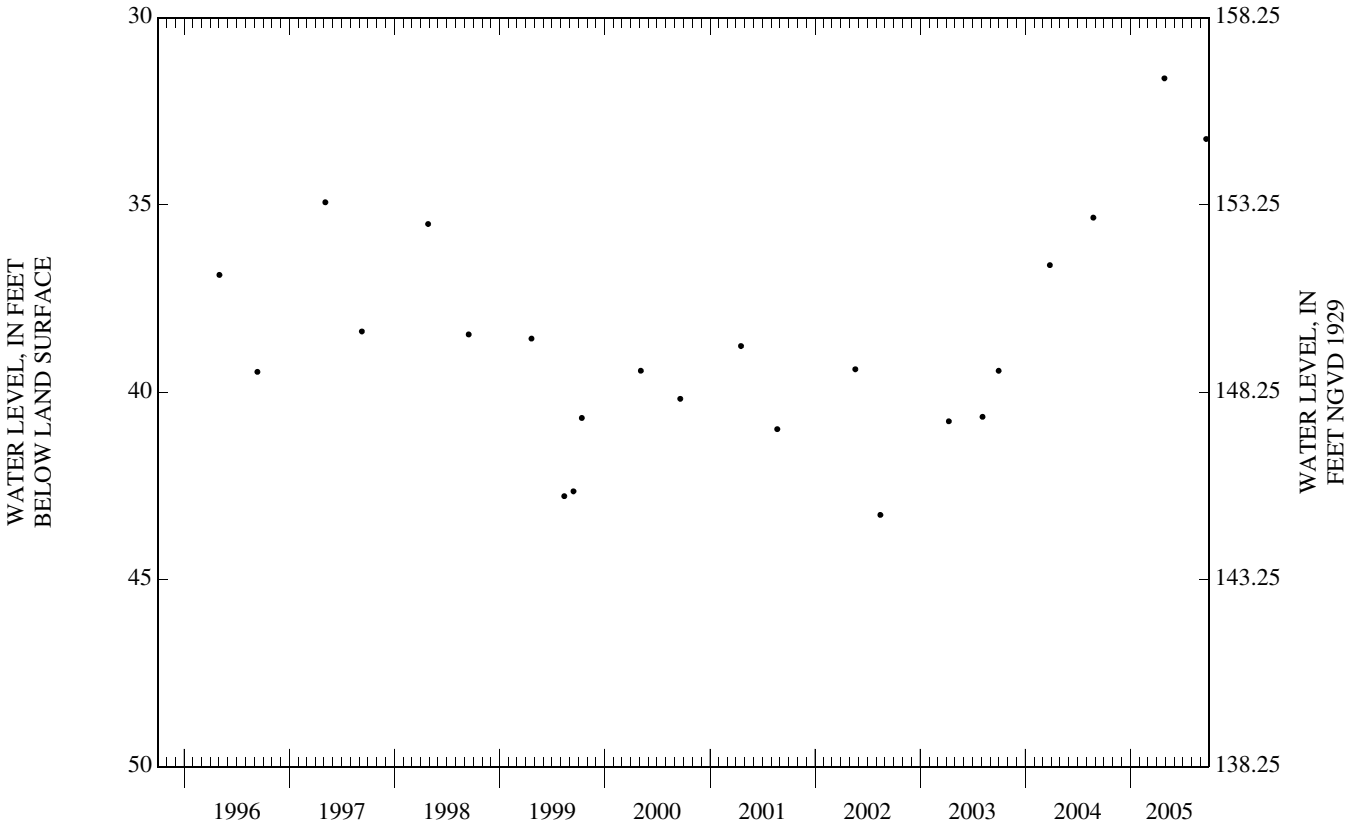
REMARKS.--Water level is affected by nearby pumping.

PERIOD OF RECORD.--Feb. 1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 16.17 ft below land surface, Jan. 15, 1968; lowest, 43.28 ft below land surface, Aug. 15, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 28	31.62	SEP 20	33.24



27-0006 Green Acres Obs

NJ-WRD Well Number, 27-0006. Site I.D., 404937074220001. Local I.D., Green Acres Obs.

LOCATION.--Lat 40°49'37", long 74°21'59", Hydrologic Unit 02030103, about 65 ft northwest of the end of the paved portion of Weaver Place, East Hanover Township.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 104 ft, screened 94 to 104 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level extremes recorder, Apr. 1977 to July 1984. Periodic measurements, Apr. 1975 to Apr. 1977. Water-level recorder, Mar. 1967 to Apr. 1975.

DATUM.--Land surface is 181 ft above NGVD of 1929, by altimeter. Measuring point: Top of base of aluminum locking cap, 3.86 ft above land surface.

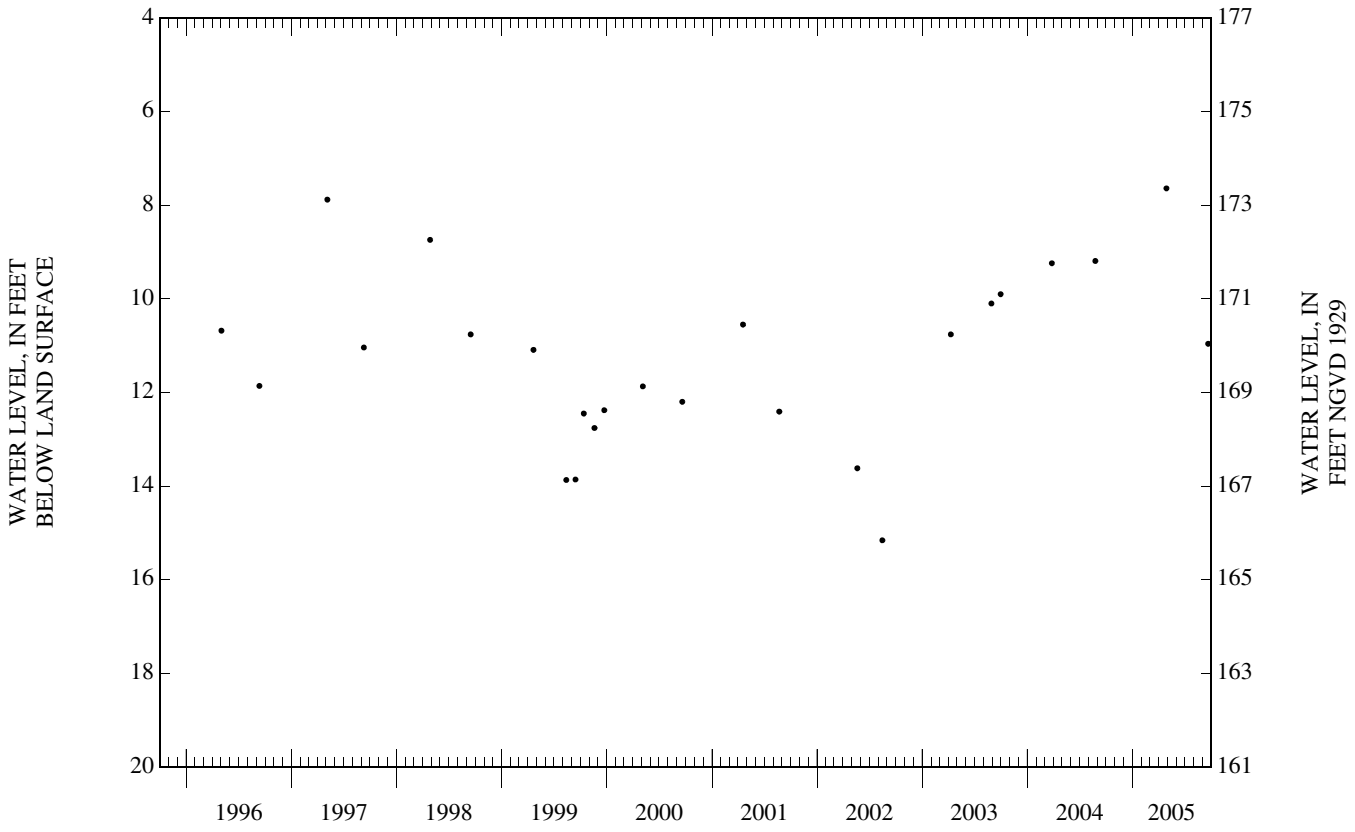
REMARKS.--Water level is affected by nearby pumping.

PERIOD OF RECORD.--Mar. 1967 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 4.15 ft below land surface, Apr. 10, 1973; lowest, 15.21 ft below land surface, between Apr. 3 and July 9, 1984.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 28	7.64	SEP 20	10.96



27-0012 Briarwood School Obs

NJ-WRD Well Number, 27-0012. Site I.D., 404639074230001. Local I.D., Briarwood School Obs. NJ Permit Number, 25-14149.

LOCATION.--Lat 40°46'39", long 74°22'59", Hydrologic Unit 02030103, at Briarwood School, Florham Park Borough.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 110 ft, screened 100 to 110 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements, Aug. 1975 to Mar. 1977. Water-level recorder, Mar. 1967 to Aug. 1975.

DATUM.--Land surface is 198 ft above NGVD of 1929, by altimeter. Measuring point: Top of shelf, 3.00 ft above land surface.

REMARKS.--Water level is affected by nearby pumping.

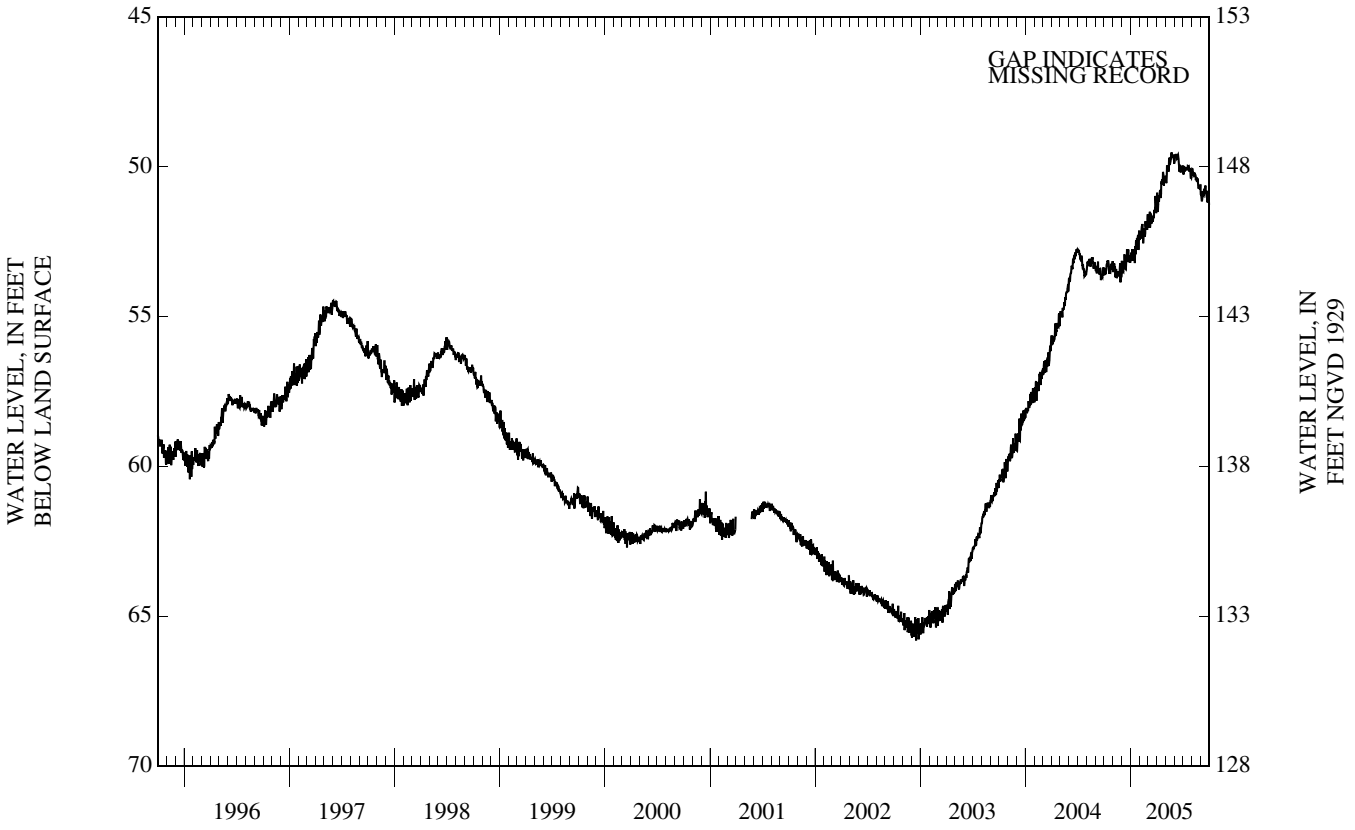
PERIOD OF RECORD.--Mar. 1967 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 34.17 ft below land surface, June 3, 1968; lowest, 65.91 ft below land surface, Dec. 26, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	53.59	53.25	53.50	52.93	52.34	51.86	51.51	50.52	49.65	50.02	50.17	51.15
10	53.26	53.61	52.95	52.78	51.91	51.89	50.96	50.12	49.72	50.07	50.19	50.96
15	53.12	53.54	53.43	53.21	52.22	51.85	51.04	49.72	49.69	50.10	50.45	50.77
20	53.48	53.63	53.04	52.45	52.21	51.66	50.42	49.75	50.11	50.05	50.44	50.81
25	53.32	53.21	53.13	52.36	51.96	51.45	50.49	49.63	50.06	50.04	50.73	51.05
EOM	53.24	53.55	52.96	52.44	51.73	51.48	50.30	49.79	50.02	50.32	50.59	51.27
MEAN	53.37	53.52	53.16	52.73	52.15	51.67	50.77	49.93	49.86	50.11	50.41	50.93
MAX	53.62	53.86	53.55	53.21	52.55	52.03	51.51	50.54	50.19	50.36	50.76	51.27
MIN	53.12	53.21	52.76	52.13	51.73	50.97	50.17	49.52	49.57	49.96	50.07	50.62

WTR YR 2005 MEAN 51.55 HIGH 49.52 MAY 23 LOW 53.86 NOV 26



27-0017 Madison 4 Obs

NJ-WRD Well Number, 27-0017. Site I.D., 404510074240201. Local I.D., Madison 4 Obs.

LOCATION.--Lat 40°45'08", long 74°24'01", Hydrologic Unit 02030103, at the Madison Borough Public Works facility, John Ave. and Dean St, Madison Borough.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, depth 100 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level recorder, Apr. 1955 to June 1970.

DATUM.--Land surface is 194.90 ft above NGVD of 1929. Measuring point: Top of shelf, 1.97 ft above land surface.

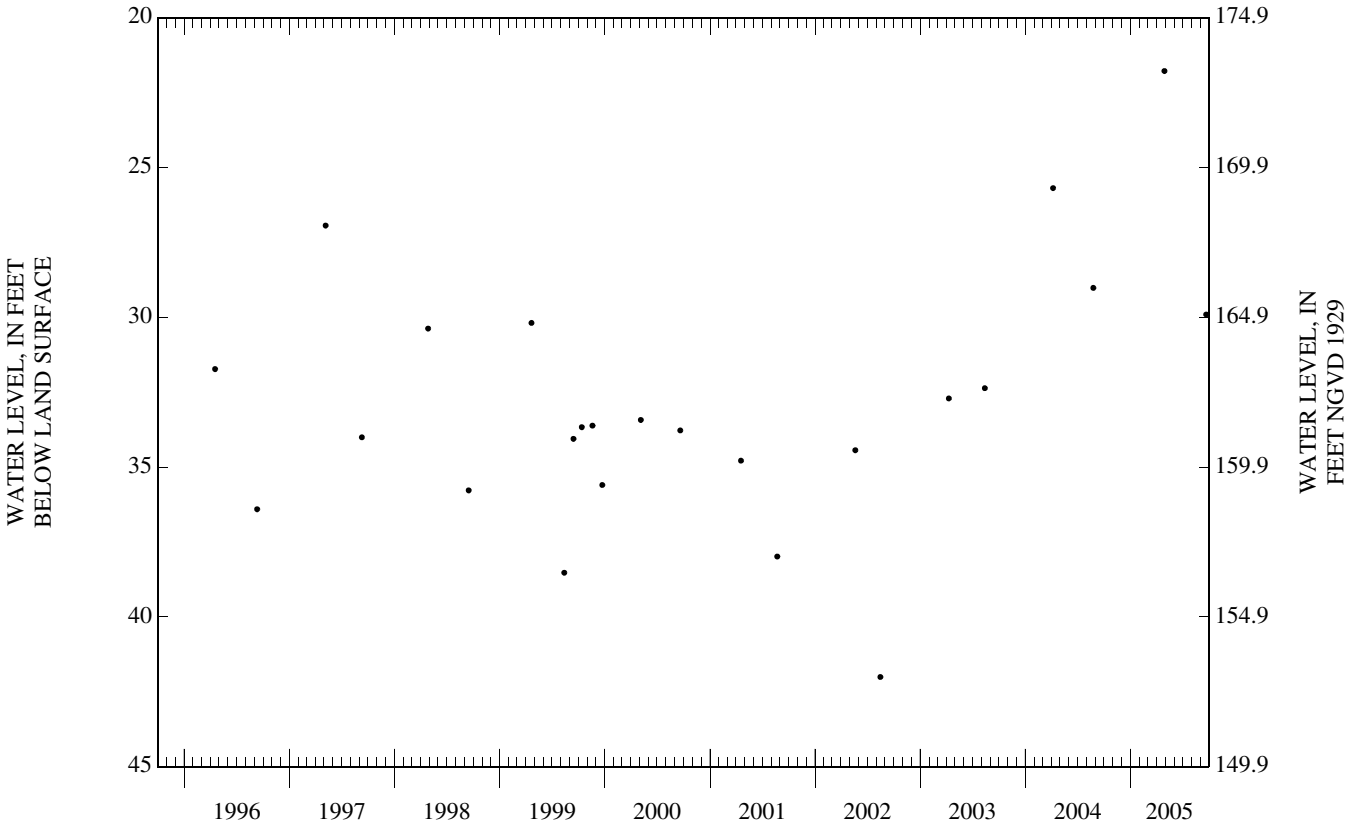
REMARKS.--Water level is affected by nearby pumping.

PERIOD OF RECORD.--Apr. 1955 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 8.50 ft below land surface, Apr. 30, 1955; lowest, 42.01 ft below land surface, Aug. 15, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 28	21.78	SEP 20	29.91



27-0020 Troy Meadows 1 Obs

NJ-WRD Well Number, 27-0020. Site I.D., 405027074232301. Local I.D., Troy Meadows 1 Obs.

LOCATION.--Lat 40°50'27", long 74°23'22", Hydrologic Unit 02030103, on the east side of Beverwyck Rd., 0.8 mi north of intersection with Troy Rd., Parsippany-Troy Hills Township.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 89 ft, screened 79 to 89 ft.

INSTRUMENTATION.--Waterl-level recorder--60 minute recording interval. Water-level extremes recorder, Apr. 1977 to Apr. 2005. Periodic measurements, July 1970 to Apr. 1977. Water-level recorder, Dec. 1965 to July 1970.

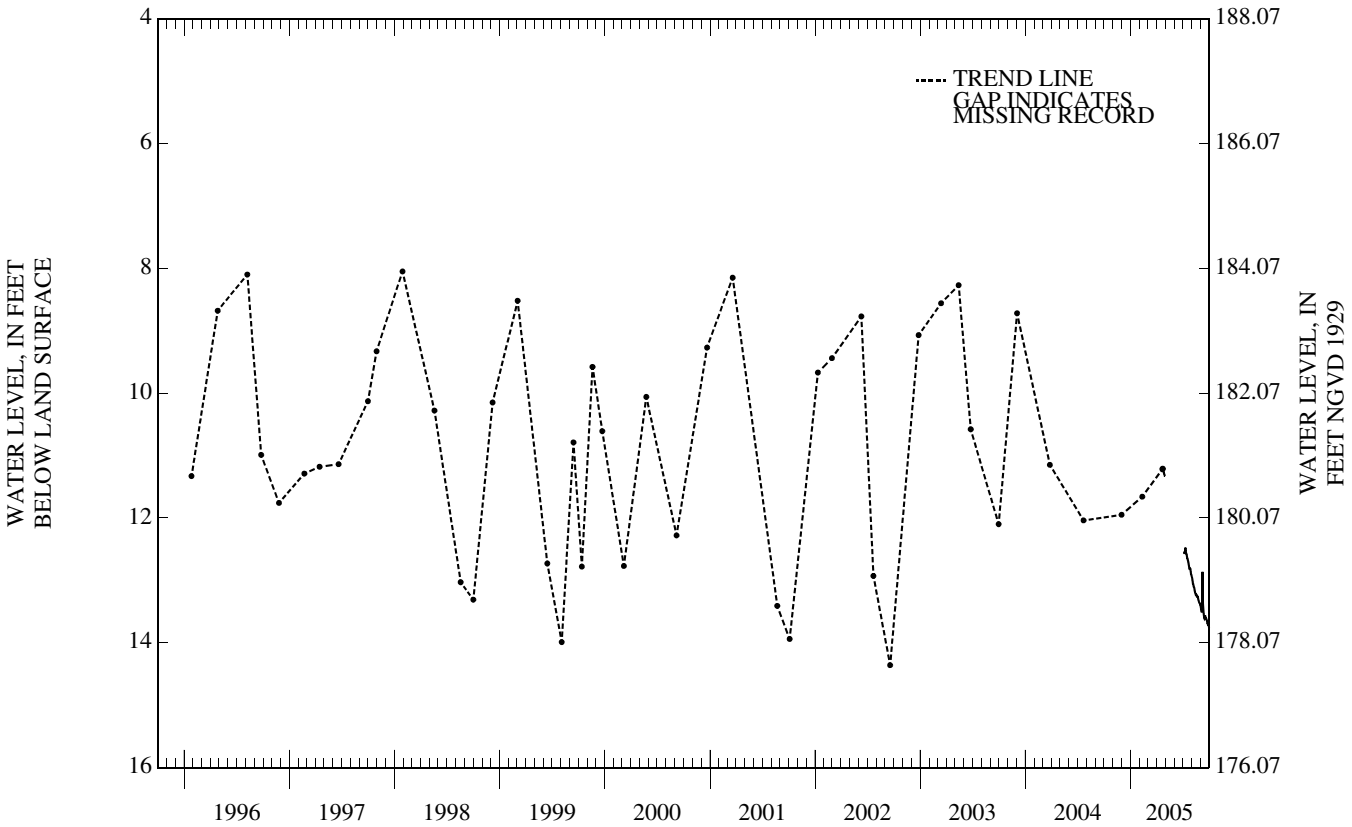
DATUM.--Land surface is 192.07 ft above NGVD of 1929. Measuring point: Top of shelf, 3.14 ft above land surface.

PERIOD OF RECORD.--Dec. 1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 6.00 ft below land surface, Mar. 15-16, 1967, June 15, 1968; lowest, 15.77 ft below land surface, between Feb. 10 and May 31, 1978.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	---	---	---	---	13.06	13.51
10	---	---	---	---	---	---	---	---	---	12.49	13.13	13.46
15	---	---	---	---	---	---	---	---	---	12.62	13.22	13.60
20	---	---	---	---	---	---	---	---	---	12.72	13.25	13.61
25	---	---	---	---	---	---	11.24	---	---	12.81	13.33	13.70
EOM	---	---	---	---	---	---	11.32	---	---	12.92	13.40	13.76
MEAN	---	---	---	---	---	---	---	---	---	---	13.21	13.55
MAX	---	---	---	---	---	---	---	---	---	---	13.40	13.76
MIN	---	---	---	---	---	---	---	---	---	---	12.94	12.86



27-0023 Mt Freedom 2 Obs

NJ-WRD Well Number, 27-0023. Site I.D., 404921074335601. Local I.D., Mt Freedom 2 Obs.

LOCATION.--Lat 40°49'21", long 74°33'55", Hydrologic Unit 02030103, 440 ft north of the intersection of Phyllis Place and Leonard Lane, Randolph Township.

AQUIFER.--Precambrian Erathem.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in., depth 218 ft, open hole 11 to 218 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level extremes recorder, Apr. 1977 to July 1984. Periodic measurements, July 1970 to Apr. 1977. Water-level recorder, Jan. 1964 to July 1970.

DATUM.--Land surface is 800 ft above NGVD of 1929, by altimeter. Measuring point: Top of base of aluminum locking cap, 4.61 ft above land surface.

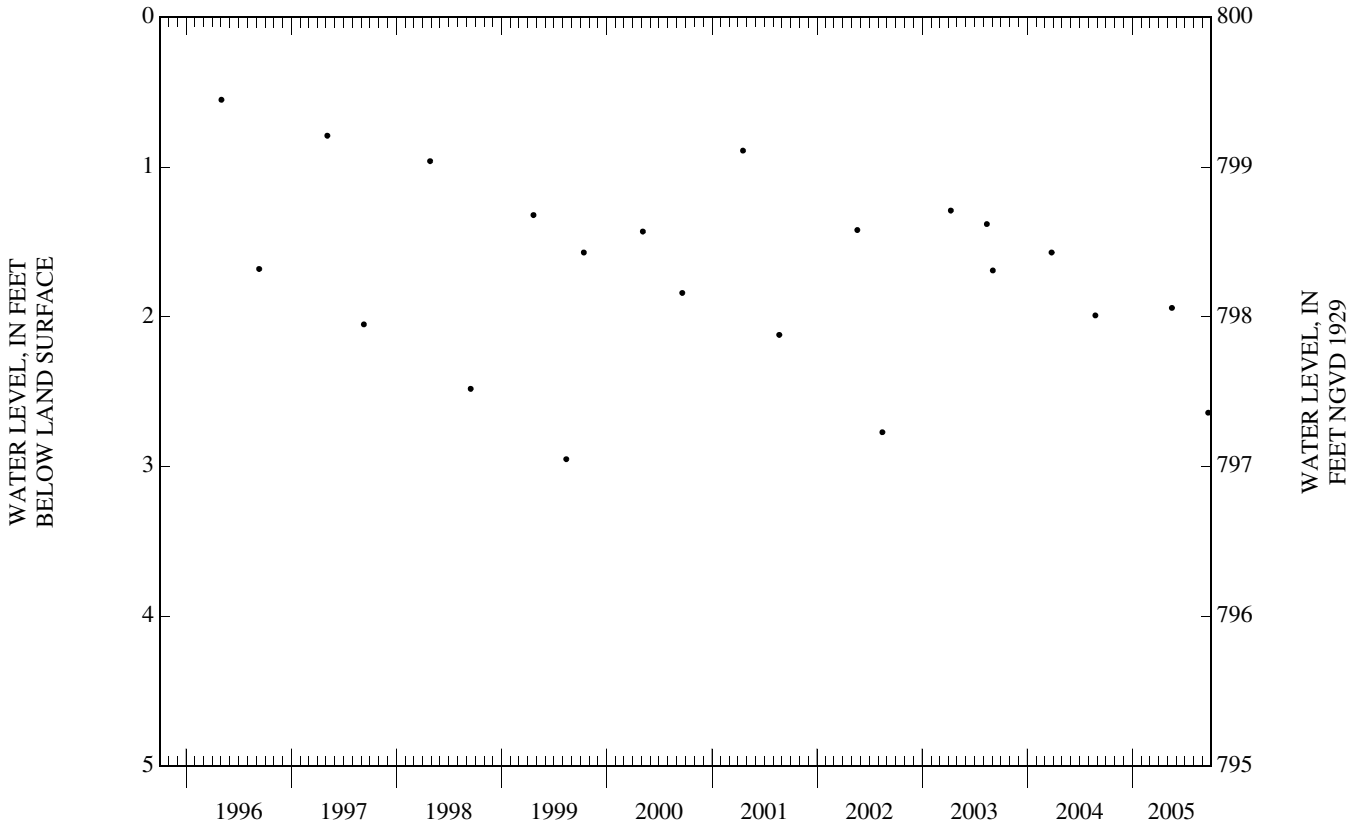
REMARKS.--Water level is occasionally affected by nearby pumping.

PERIOD OF RECORD.--Jan. 1964 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.02 ft above land surface, between Apr. 3 and July 9, 1984; lowest, 15.29 ft below land surface, between Aug. 26 and Oct. 8, 1980.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 17	1.94	SEP 20	2.64



27-0027 Berkshire Valley 9 Obs

NJ-WRD Well Number, 27-0027. Site I.D., 405531074361901. Local I.D., Berkshire Valley 9 Obs. NJ Permit Number, 25-22024.

LOCATION.--Lat 40°55'31", long 74°36'18", Hydrologic Unit 02030103, about 1,000 ft east of the intersection of Lower Berkshire Valley Rd. and Minnisink Rd., Jefferson Township.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 98 ft, screened 78 to 98 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements, Nov. 1981 to Mar. 1985.

DATUM.--Land surface is 725.64 ft above NGVD of 1929 (levels by Woodward-Clyde Consultants). Measuring point: Top of casing, 2.25 ft above land surface.

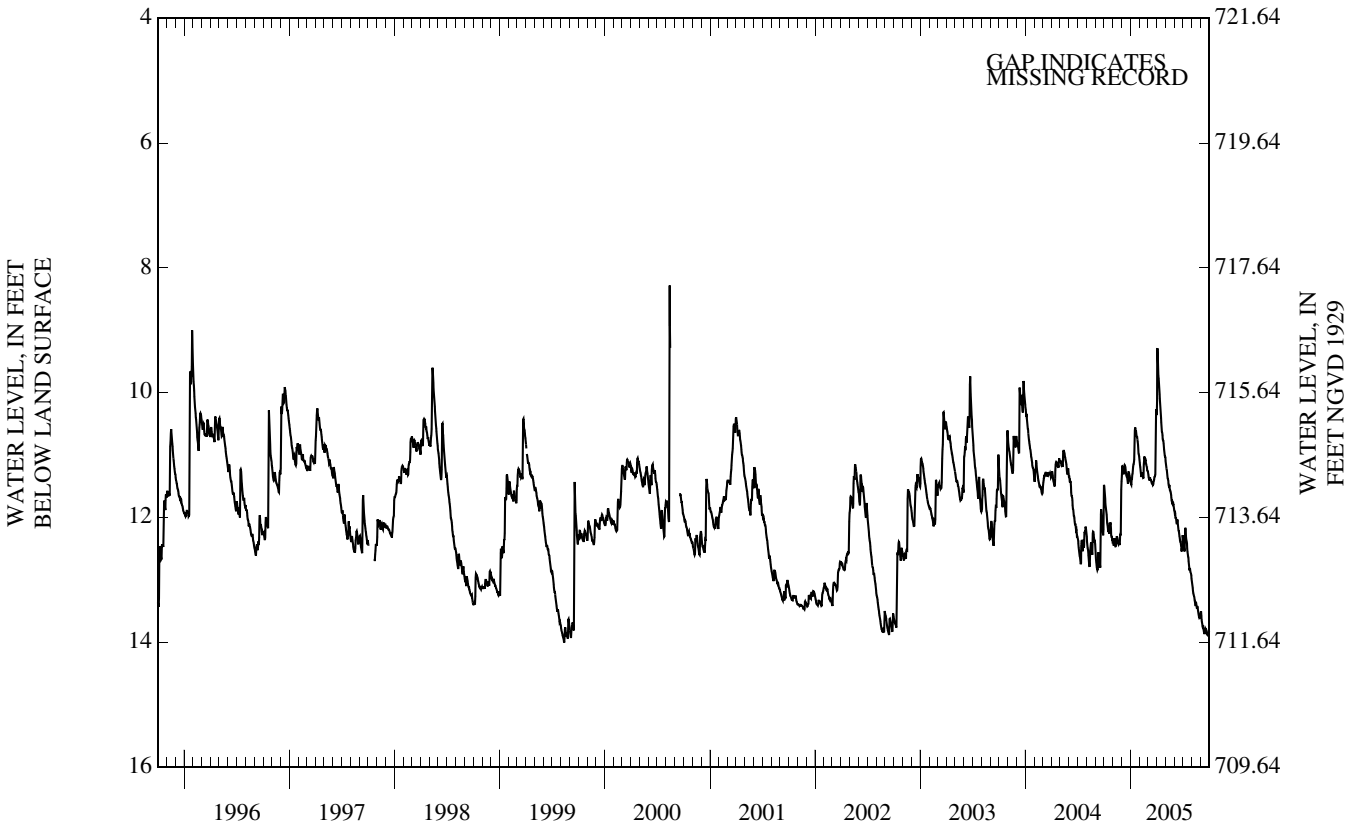
PERIOD OF RECORD.--Nov. 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 7.89 ft below land surface, Aug. 13, 2000; lowest, 14.01 ft below land surface, Aug. 13, 1999.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	11.78	12.33	11.27	11.38	11.30	11.37	9.47	11.22	11.98	12.50	13.17	13.67
10	12.01	12.44	11.19	11.15	11.28	11.39	9.95	11.38	12.09	12.18	13.28	13.77
15	12.23	12.31	11.28	10.60	11.14	11.45	10.32	11.47	12.18	12.41	13.36	13.84
20	12.08	12.43	11.38	10.65	11.09	11.47	10.63	11.61	12.33	12.65	13.42	13.83
25	12.28	12.29	11.27	10.78	11.18	11.34	10.82	11.74	12.47	12.81	13.56	13.88
EOM	12.35	11.42	11.42	11.08	11.25	10.30	11.03	11.86	12.28	12.97	13.58	13.83
MEAN	12.07	12.31	11.29	10.99	11.21	11.28	10.32	11.51	12.20	12.57	13.38	13.78
MAX	12.37	12.46	11.46	11.47	11.37	11.48	11.03	11.86	12.54	12.97	13.61	13.88
MIN	11.50	11.42	11.16	10.55	11.03	10.26	9.29	11.03	11.88	12.16	13.01	13.50

WTR YR 2005 MEAN 11.91 HIGH 9.29 APR 4 LOW 13.88 SEP 24



27-0028 Green Pond 5 Obs

NJ-WRD Well Number, 27-0028. Site I.D., 410207074270001. Local I.D., Green Pond 5 Obs.

LOCATION.--Lat 41°02'07", long 74°26'59", Hydrologic Unit 02030103, about 500 ft east of County Rt. 513 and 1.1 mi south of the intersection with Rt. 23, Rockaway Township.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 120 ft, screened 80 to 120 ft.

INSTRUMENTATION.--Data collection platform with satellite telemetry--60 minute recording interval. Water-level recorder, Nov. 1981 to June 2001.

DATUM.--Land surface is 758.56 ft above NGVD of 1929 (levels by Woodward-Clyde Consultants). Measuring point: Top of casing, 0.93 ft above land surface.

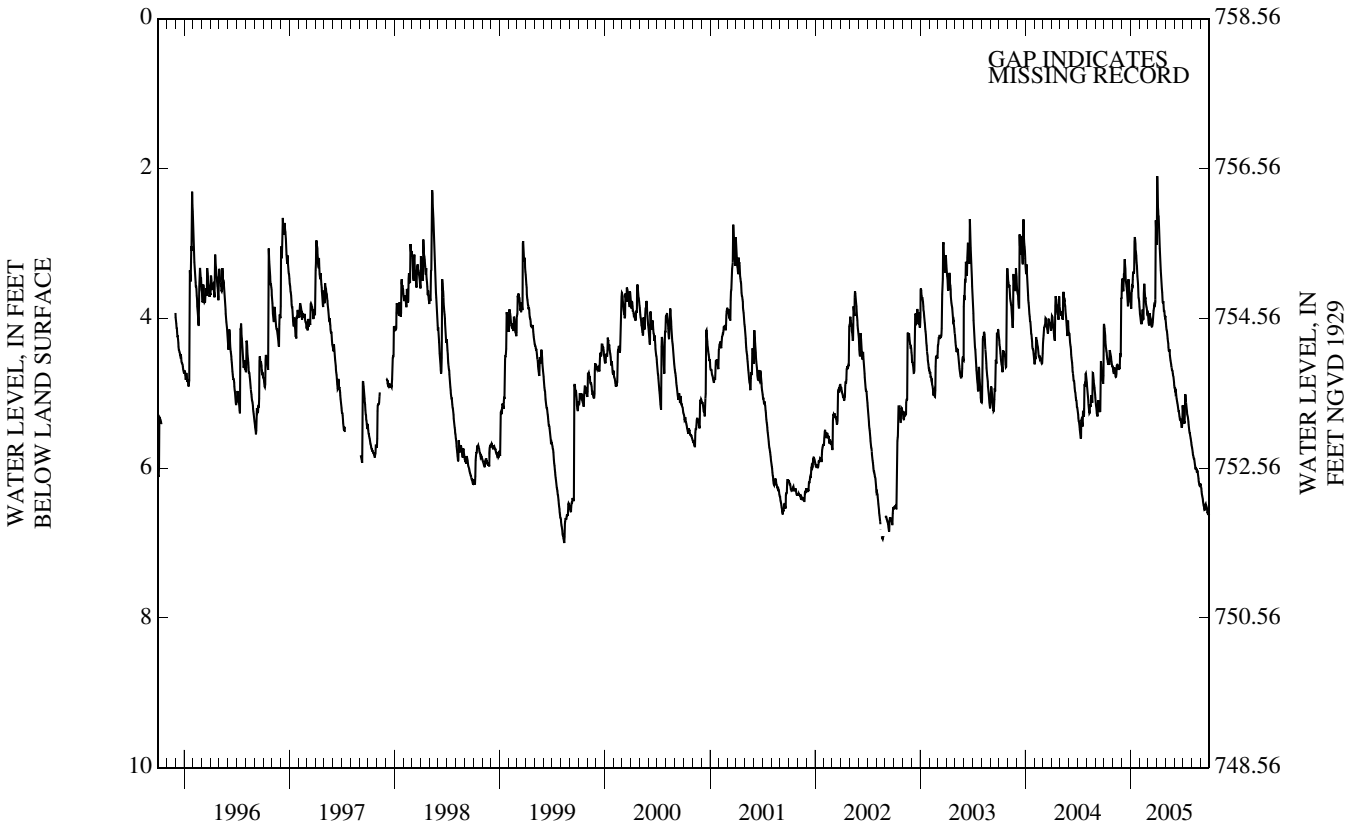
PERIOD OF RECORD.--Nov. 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.35 ft below land surface, Apr. 5, 1984; lowest, 7.24 ft below land surface, Sept. 2-4, 1993.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.31	4.65	3.60	3.63	4.05	4.08	2.50	4.15	4.97	5.39	5.82	6.35
10	4.49	4.78	3.28	3.38	3.90	3.99	2.88	4.31	5.09	5.03	5.90	6.48
15	4.62	4.62	3.51	2.91	3.67	4.11	3.36	4.41	5.23	5.24	6.01	6.56
20	4.43	4.69	3.70	3.16	3.73	3.97	3.65	4.59	5.33	5.39	6.04	6.50
25	4.55	4.47	3.53	3.49	3.86	3.84	3.84	4.70	5.40	5.53	6.18	6.60
EOM	4.66	3.74	3.79	3.85	3.92	2.96	3.99	4.86	5.16	5.69	6.21	6.62
MEAN	4.48	4.58	3.56	3.44	3.87	3.85	3.27	4.45	5.19	5.36	6.00	6.48
MAX	4.66	4.78	3.84	3.87	4.08	4.11	3.99	4.86	5.46	5.69	6.23	6.62
MIN	4.10	3.73	3.21	2.91	3.54	2.69	2.10	3.97	4.89	5.02	5.71	6.23

WTR YR 2005 MEAN 4.55 HIGH 2.10 APR 3 LOW 6.62 SEP 30



27-1190 Black River 10 Obs

NJ-WRD Well Number, 27-1190. Site I.D., 404934074400501. Local I.D., Black River 10 Obs. NJ Permit Number, 25336789.

LOCATION.--Lat 40°49'04", long 74°40'52", Hydrologic Unit 02030105, at the Black River Wildlife Management Area, Pleasant Hill Rd., Chester Township.

AQUIFER.--Precambrian Erathem.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 200 ft, open hole 87 to 200 ft.

INSTRUMENTATION.--Data collection platform with satellite telemetry--60 minute recording interval. Water-level recorder, May 1992 to July 2002. Periodic measurements, Apr. 1991 to May 1992.

DATUM.--Land surface is 890 ft above NGVD of 1929, from topographic map. Measuring point: Top of casing, 1.80 ft above land surface.

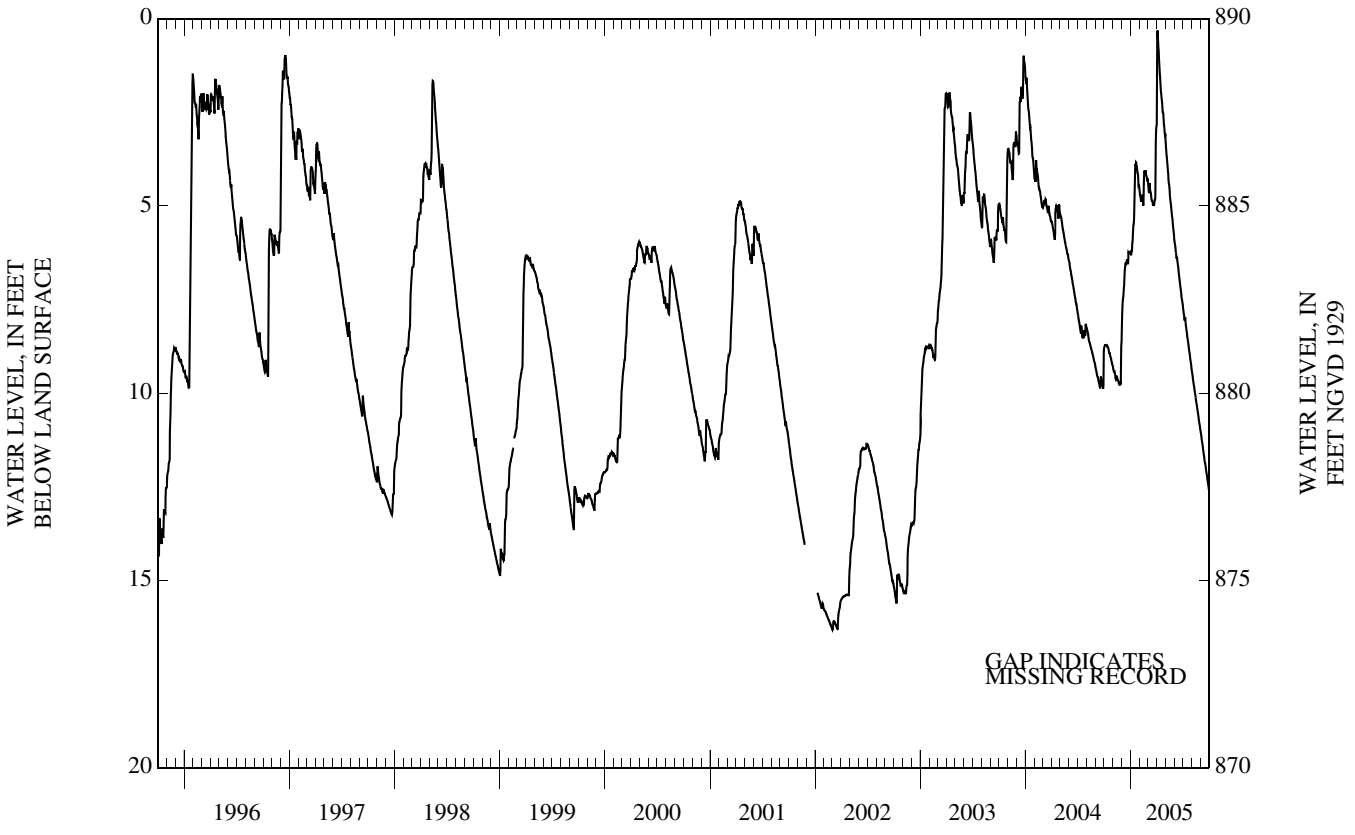
PERIOD OF RECORD.--Apr. 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 0.46 ft above land surface, Apr. 2, 1993; lowest, 16.34 ft below land surface, Mar. 2-3, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.72	9.40	7.48	6.19	4.85	4.62	0.50	3.63	6.13	7.93	9.63	11.28
10	8.73	9.63	6.88	5.52	4.70	4.62	1.20	4.07	6.36	8.09	9.89	11.55
15	8.80	9.59	6.56	4.29	4.43	4.86	1.89	4.51	6.67	8.42	10.16	11.83
20	8.93	9.72	6.47	3.85	4.11	4.96	2.27	4.96	7.02	8.70	10.41	12.08
25	9.10	9.68	6.25	4.13	4.22	4.84	2.69	5.32	7.33	8.98	10.69	12.35
EOM	9.29	8.63	6.25	4.58	4.30	2.87	3.12	5.79	7.62	9.34	10.99	12.62
MEAN	8.91	9.53	6.76	4.88	4.50	4.56	1.89	4.56	6.74	8.49	10.21	11.84
MAX	9.29	9.78	8.23	6.32	4.99	5.00	3.12	5.79	7.62	9.34	10.99	12.62
MIN	8.70	8.63	6.22	3.83	4.05	2.87	0.31	3.11	5.88	7.67	9.40	11.05

WTR YR 2005 MEAN 6.92 HIGH 0.31 APR 4 LOW 12.62 SEP 30



27-1191 Roxbury 1 Obs

NJ-WRD Well Number, 27-1191. Site I.D., 405123074375701. Local I.D., Roxbury 1 Obs. NJ Permit Number, 25-33680-1.

LOCATION.--Lat 40°51'23", long 74°37'56", Hydrologic Unit 02030105, 600 ft south of Horseshoe Lake, between the Roxbury Municipal Building and the Lamington River, Roxbury Township.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in., depth 154 ft, screened 134 to 154 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Water-level recorder, Nov. 1989 to Oct. 2002.

DATUM.--Land surface is 704.2 ft above NGVD of 1929. Measuring point: Top of shelf, 2.20 ft above land surface.

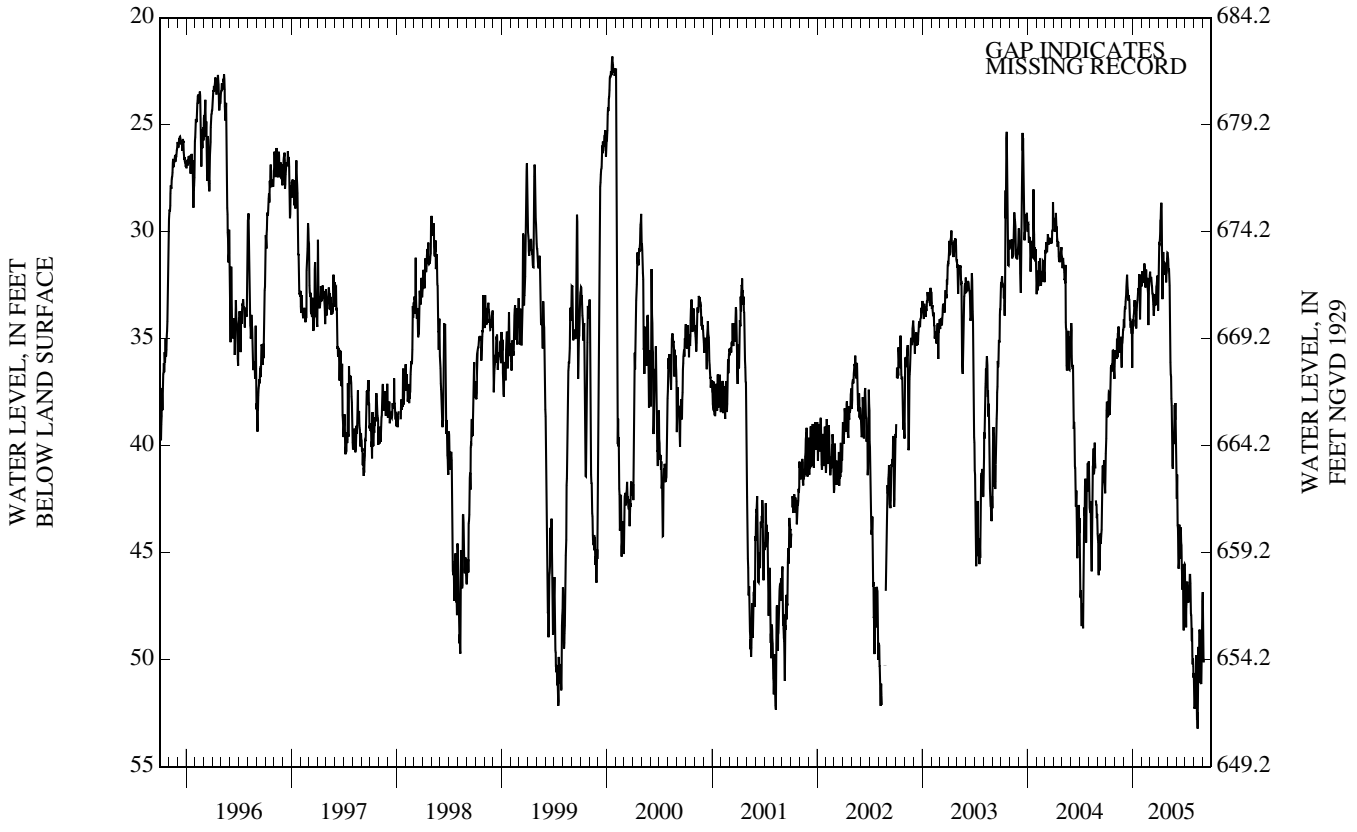
REMARKS.--Water level is affected by nearby pumping and by the stage of the Lamington River.

PERIOD OF RECORD.--Nov. 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 16.14 ft below land surface, Apr. 17, 1993; lowest, 53.54 ft below land surface, Aug. 15, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	38.17	35.58	33.49	33.84	31.88	32.17	30.37	31.74	42.09	48.49	52.19	49.96
10	37.50	34.89	32.55	33.38	31.49	32.88	28.65	34.10	45.48	46.64	50.84	---
15	37.87	35.64	32.76	33.47	32.22	33.93	32.41	37.80	45.29	47.18	52.14	---
20	36.54	35.26	33.17	32.64	32.22	33.23	31.40	41.08	45.74	46.44	49.13	---
25	36.12	35.25	34.50	33.40	33.07	32.51	31.64	39.34	46.73	49.14	51.08	---
EOM	35.88	34.49	34.76	32.48	32.30	32.88	31.25	39.87	45.54	50.84	47.27	---
MEAN	37.25	35.31	33.64	33.28	32.29	32.79	31.04	36.45	44.78	47.65	50.73	---
MAX	39.67	36.35	36.37	34.71	34.37	33.93	33.16	41.08	48.64	50.84	53.23	---
MIN	35.56	34.44	32.01	31.99	31.49	31.87	28.65	30.98	40.99	45.56	47.27	---



27-1192 Morris Maint Yd 22 Obs

NJ-WRD Well Number, 27-1192. Site I.D., 405414074354201. Local I.D., Morris Maint Yd 22 Obs. NJ Permit Number, 25-34668-7.

LOCATION.--Lat 40°54'13", long 74°35'32", Hydrologic Unit 02030103, about 600 ft north of the Rockaway River, at the Morris County Maintenance Yard, Dewey Ave., Wharton Borough.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in., depth 100 ft, screened 80 to 100 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements, Apr. 1991 to May 1992.

DATUM.--Land surface is 669.1 ft above NGVD of 1929. Measuring point: Top of shelf, 2.10 ft above land surface.

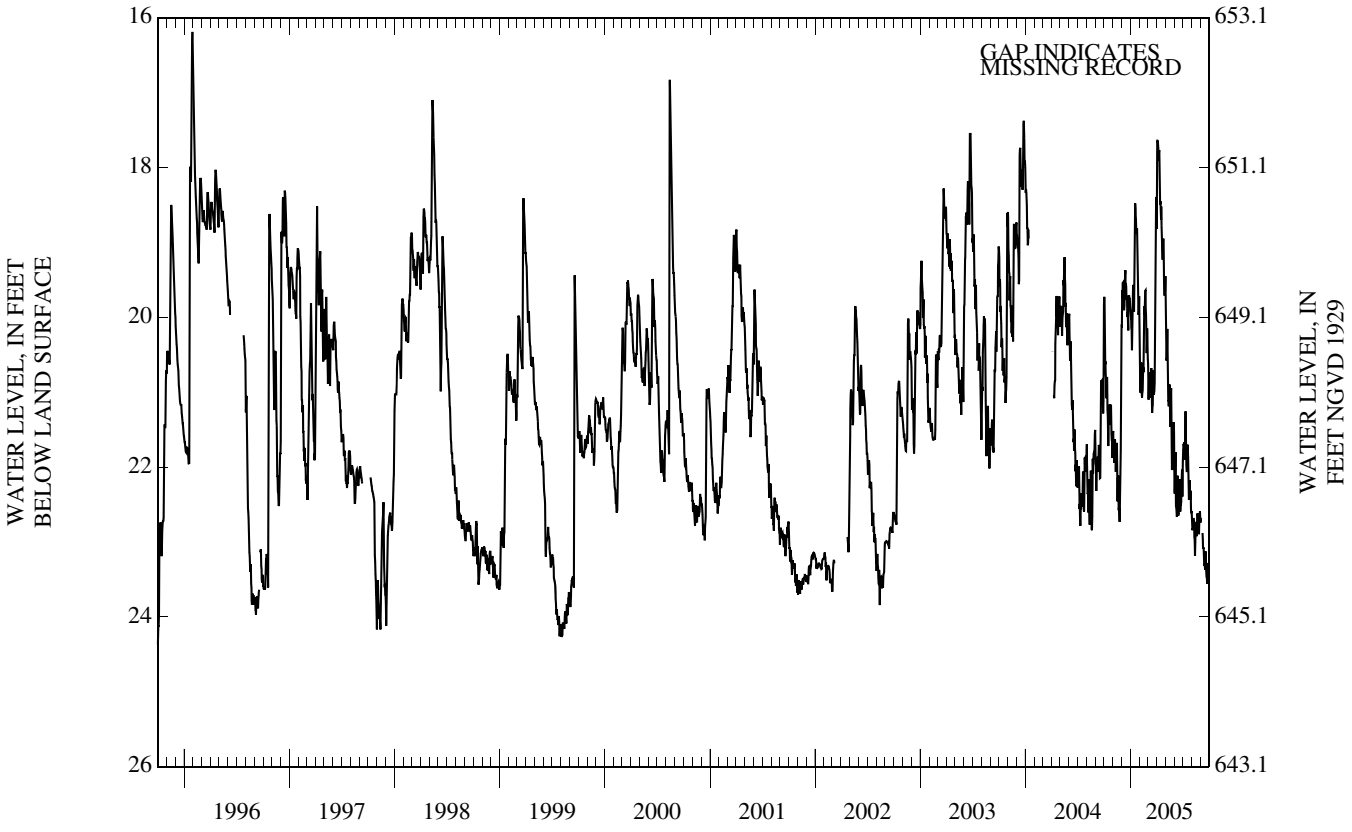
REMARKS.--Water level is affected by nearby pumping and by the stage of the Rockaway River.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 16.13 ft below land surface, Jan. 28-29, 1996; lowest, 25.09 ft below land surface, Sept. 11, 1995.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

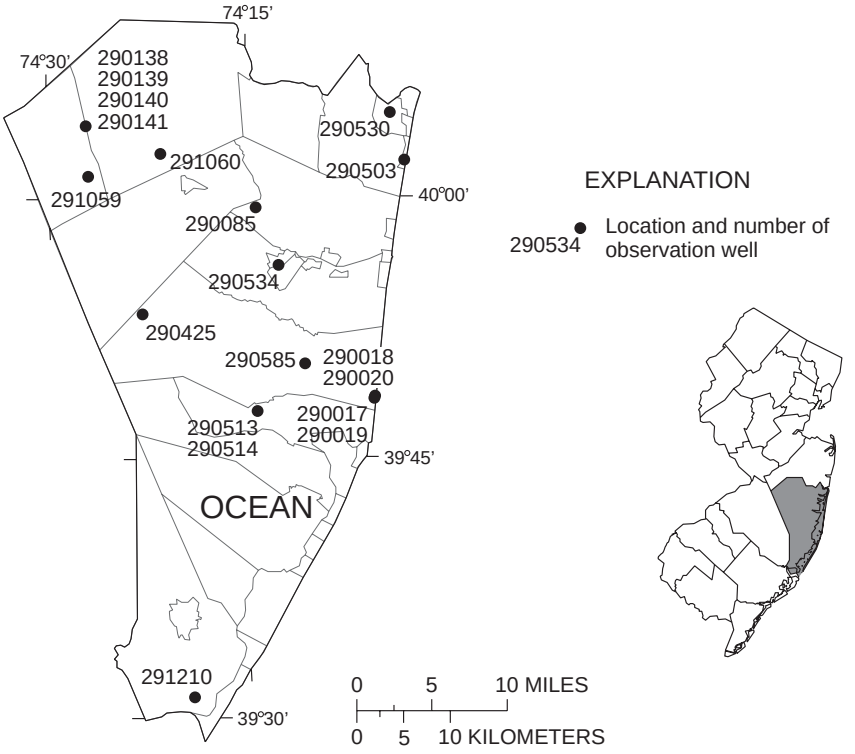
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	20.59	21.95	19.54	20.44	20.85	20.97	17.65	20.58	21.80	21.67	22.84	---
10	20.82	22.06	19.84	19.69	21.00	21.07	17.77	20.66	22.67	21.26	22.94	23.09
15	21.72	22.08	19.55	18.86	20.48	21.00	18.56	20.90	22.65	22.07	22.73	23.30
20	21.16	22.58	20.00	18.86	19.65	20.71	19.07	21.02	22.28	22.13	22.70	23.39
25	21.38	22.10	19.75	19.24	20.48	20.87	19.04	21.85	22.46	22.21	22.76	23.28
EOM	21.55	20.12	19.91	20.02	20.31	18.50	19.63	21.53	22.12	22.59	22.74	23.52
MEAN	21.13	21.91	19.76	19.52	20.44	20.65	18.60	21.01	22.35	22.00	22.79	---
MAX	21.88	22.73	20.18	20.44	21.07	21.28	19.71	22.04	22.67	22.62	23.19	---
MIN	19.73	20.12	19.37	18.48	19.64	18.39	17.64	19.45	21.80	21.26	22.59	---



OCEAN COUNTY

NJ-WRD well number	Local identifier	Township	Well depth	Aquifer	Type of data
290017	ISLAND BEACH 1 OBS	LACEY TWP	397	CKKD	MANUAL
290018	ISLAND BEACH 2 OBS	LACEY TWP	474	PNPN	MANUAL
290019	ISLAND BEACH 3 OBS	LACEY TWP	2756	MRPA	DAILY
290020	ISLAND BEACH 4 OBS	LACEY TWP	12	CKKD	MANUAL
290085	TOMS RIVER 84 OBS	DOVER TWP	1480	MRPA	DAILY
290138	COLLIERS MILLS 1 OBS	JACKSON TWP	427	EGLS	DAILY
290139	COLLIERS MILLS 2 OBS	JACKSON TWP	171	VNCN	MANUAL
290140	COLLIERS MILLS 3 OBS	JACKSON TWP	267	MLRW	DAILY
290141	COLLIERS MILLS 4 OBS	JACKSON TWP	71	CKKD	MANUAL
290425	WEBBS MILLS 2 OBS	LACEY TWP	348	PNPN	MANUAL
290503	MANTOLOKING 6 OBS	MANTOLOKING BORO	906	EGLS	DAILY
290513	GARDEN ST PKY 1 OBS	OCEAN TWP	21	CKKD	MANUAL
290514	GARDEN ST PKY 2 OBS	OCEAN TWP	316	CKKD	DAILY
290530	POINT PLEASANT 6 OBS	PT PLEASANT BORO	790	EGLS	MANUAL
290534	TOMS RIVER 2 OBS	SOUTH TOMS RIVER BORO	1146	EGLS	DAILY
290585	DOE-FORKED RIVER OBS	LACEY TWP	422	PNPN	DAILY
291059	RLF-30 OBS	PLUMSTED TWP	75	CKKD	DAILY
291060	LNAS-EC OBS	JACKSON TWP	38	CKKD	DAILY
291210	GREAT BAY BLVD 1 OBS	LITTLE EGG HARBOR TWP	880	PNPN	DAILY
291419	MW 61	LACEY TWP	20	CKKD	DAILY

Aquifer names
- CKKD - Kirkwood-Cohansey aquifer system
- EGLS - Englishtown aquifer system
- MLRW - Wenonah-Mount Laurel aquifer
- MRPA - Potomac-Raritan-Magothy aquifer
- MRPAU - Upper Potomac-Raritan-Magothy aquifer
- PNPN - Piney Point aquifer
- VNCN - Vincentown aquifer



29-0017 Island Beach 1 Obs

NJ-WRD Well Number, 29-0017. Site I.D., 394829074053501. Local I.D., Island Beach 1 Obs.

LOCATION.--Lat 39°48'29", long 74°05'33", Hydrologic Unit 02040301, in Island Beach State Park, about 6.6 mi south of the main entrance, Lacey Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 6 in., depth 397 ft, screened 377 to 397 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level extremes recorder, Oct. 1976 to Sept. 2004. Periodic measurements, Aug. 1975 to Feb. 1977. Water-level recorder, July 1962 to Aug. 1975.

DATUM.--Land surface is 8.50 ft above NGVD of 1929. Measuring point: Front edge of cutout in recorder housing, 3.40 ft above land surface.

REMARKS.--Water level is affected by tidal fluctuation.

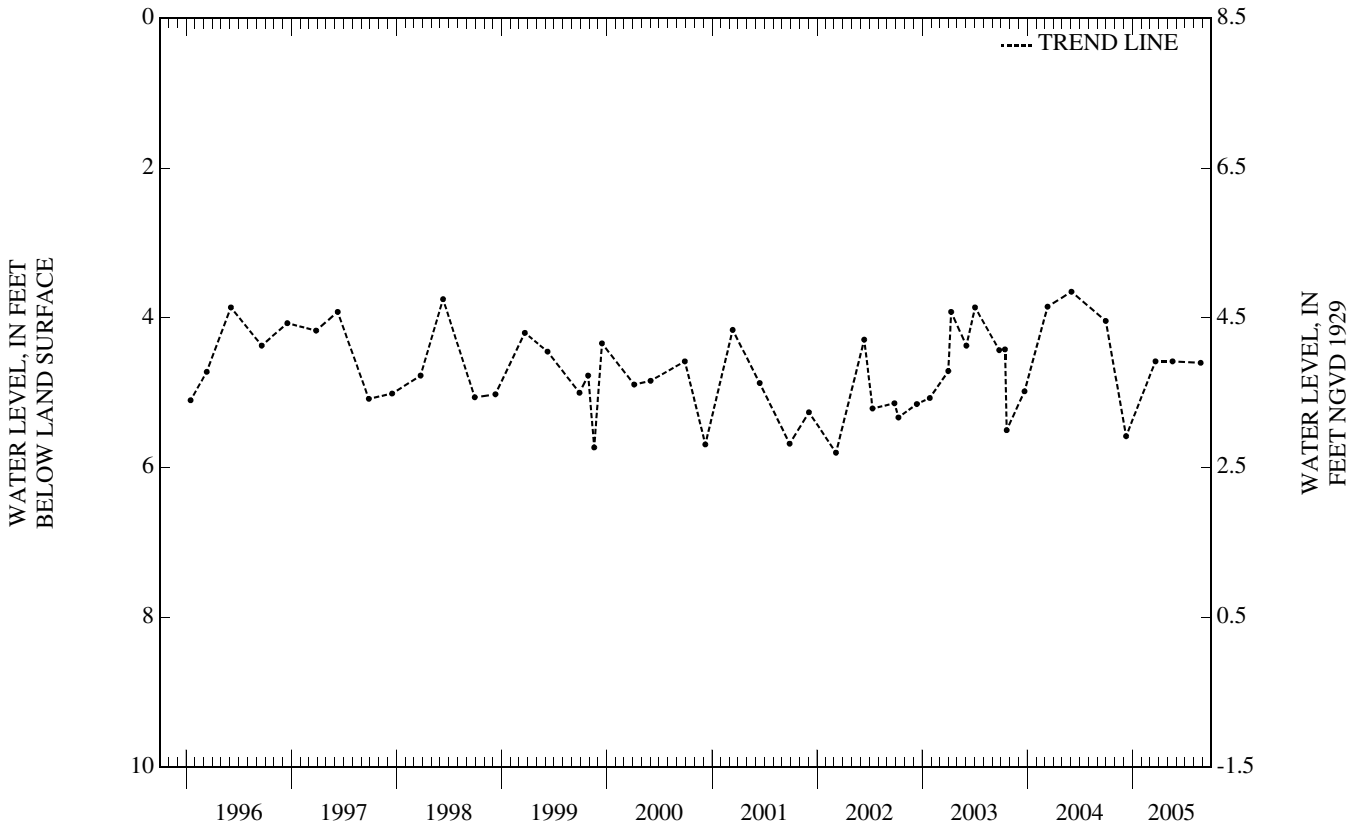
PERIOD OF RECORD.--July 1962 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 0.05 ft below land surface, Dec. 6, 1962; lowest, 6.57 ft below land surface, between Dec. 3, 2001 and Mar. 7, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 09	5.58	MAR 21	4.58	MAY 19	4.58	AUG 25	4.60

WATER YEAR 2005 HIGHEST 4.58 MAR 21, 2005 MAY 19, 2005 LOWEST 5.58 DEC 09, 2004



29-0018 Island Beach 2 Obs

NJ-WRD Well Number, 29-0018. Site I.D., 394829074053502. Local I.D., Island Beach 2 Obs.

LOCATION.--Lat 39°48'29", long 74°05'33", Hydrologic Unit 02040301, in Island Beach State Park, about 6.6 mi. south of the main entrance, Lacey Township.

AQUIFER.--Piney Point aquifer of Eocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, depth 474 ft, screened 468 to 474 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape.

DATUM.--Land surface is 8.50 ft above NGVD of 1929. Measuring point: Top of coupling, 0.13 ft above land surface.

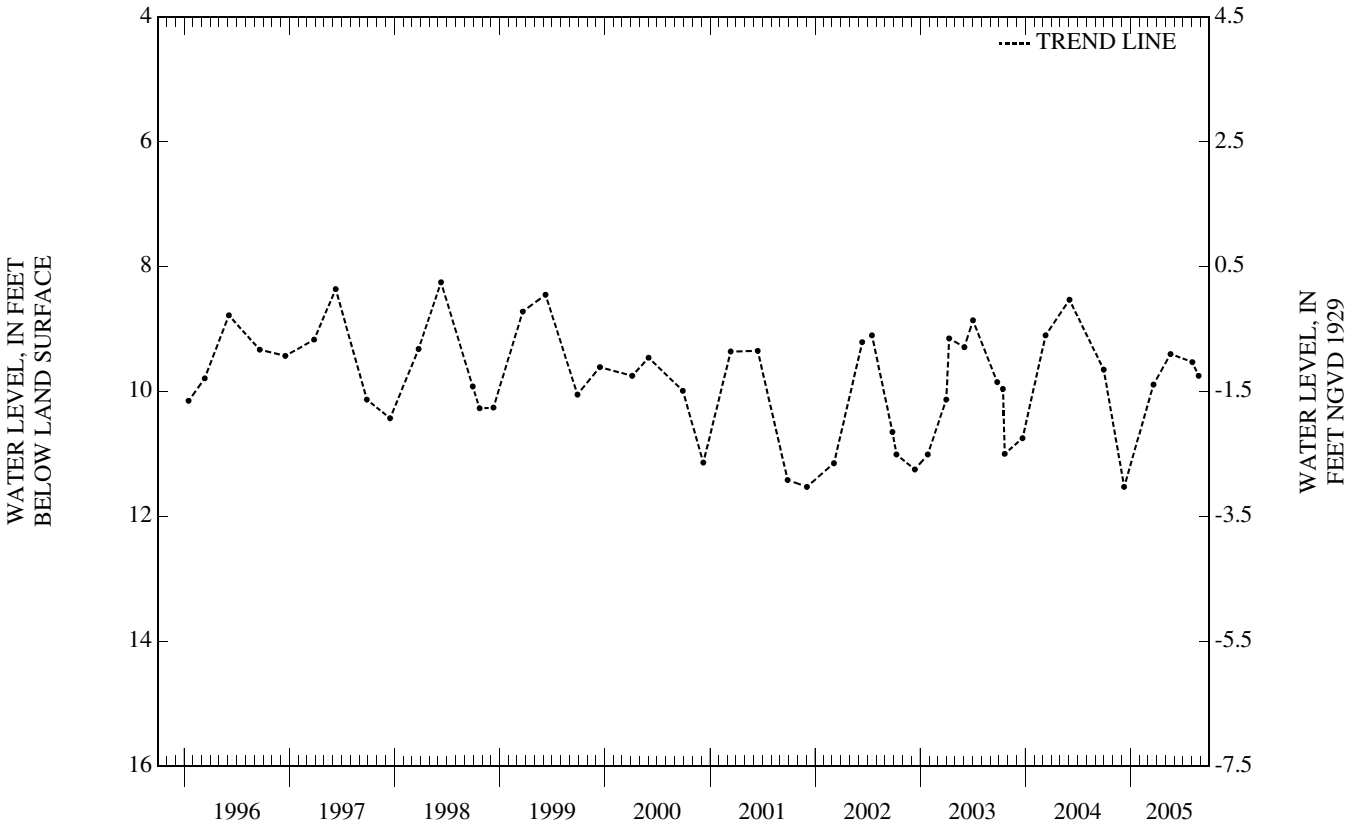
PERIOD OF RECORD.--July 1962 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 0.93 ft below land surface, June 7, 1963; lowest, 11.53 ft below land surface, Dec. 3, 2001, Dec. 9, 2004.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 09	11.53	MAR 21	9.89	MAY 19	9.40	AUG 03	9.53	AUG 25	9.75

WATER YEAR 2005 HIGHEST 9.4 MAY 19, 2005 LOWEST 11.53 DEC 09, 2004



29-0019 Island Beach 3 Obs

NJ-WRD Well Number, 29-0019. Site I.D., 394829074053503. Local I.D., Island Beach 3 Obs.

LOCATION.--Lat 39°48'29", long 74°05'33", Hydrologic Unit 02040301, in Island Beach State Park, about 6.6 mi south of the main entrance, Lacey Township.

AQUIFER.--Potomac-Raritan-Magothy aquifer system, undifferentiated, of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 2,756 ft, screened 2,736 to 2,756 ft.

INSTRUMENTATION.--Submersible logger pressure transducr--60 minute recording interval. Water-level extremes recorder, Feb. 1977 to Oct. 2004. Water-level recorder, Nov. 1968 to Feb. 1977.

DATUM.--Land surface is 9.02 ft above NGVD of 1929. Measuring point: Front edge of cutout in recorder housing, 5.11 ft above land surface.

REMARKS.--Water level is affected by tidal fluctuation.

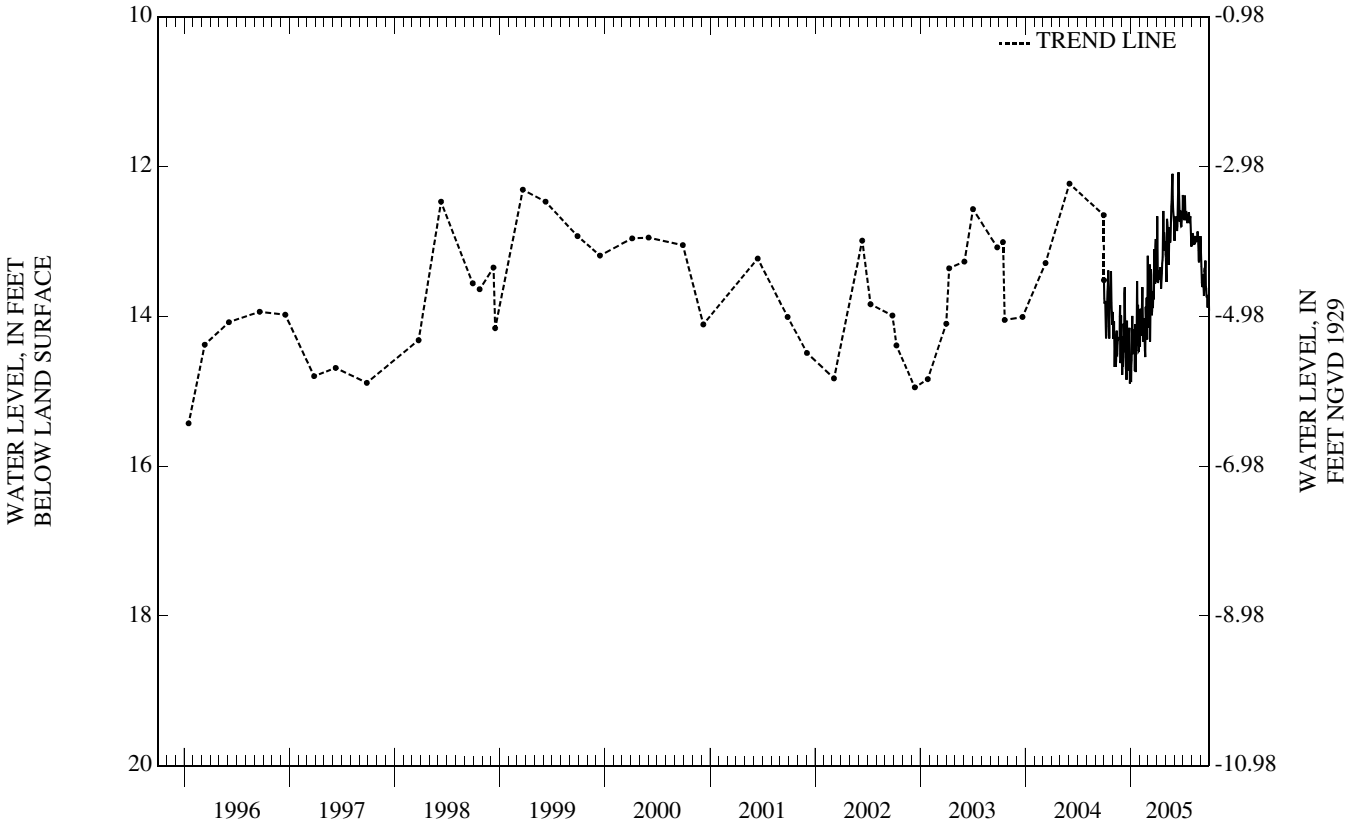
PERIOD OF RECORD.--Nov. 1968 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 5.95 ft above land surface, Apr. 23, 1969; lowest, 23.00 ft below land surface, between Dec. 12, 1989 and Mar. 22, 1990.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	13.98	14.26	14.67	14.42	14.08	14.04	13.56	13.54	12.71	12.66	12.93	13.55
10	13.97	14.67	13.69	14.36	13.61	14.08	13.47	12.94	12.84	12.72	12.93	13.52
15	13.39	14.51	14.71	14.73	14.17	13.99	13.42	12.81	12.15	12.69	13.00	13.40
20	13.68	14.29	14.31	14.32	14.55	13.73	13.29	12.82	12.74	12.68	12.93	13.63
25	13.56	13.85	14.52	14.17	13.75	13.36	12.85	12.10	12.80	12.73	13.26	13.88
EOM	13.94	14.46	14.75	14.04	13.85	13.54	13.04	12.75	12.57	13.07	12.93	13.93
MEAN	13.86	14.35	14.44	14.33	14.09	13.66	13.25	12.84	12.66	12.68	13.02	13.57
MAX	14.30	14.68	14.90	14.87	14.55	14.34	13.63	13.54	12.99	13.07	13.28	13.93
MIN	13.39	13.85	13.61	13.53	13.61	12.97	12.60	12.10	12.08	12.38	12.87	13.12

WTR YR 2005 MEAN 13.56 HIGH 12.08 JUN 16 LOW 14.90 DEC 29



29-0020 Island Beach 4 Obs

NJ-WRD Well Number, 29-0020. Site I.D., 394829074053504. Local I.D., Island Beach 4 Obs.

LOCATION.--Lat 39°48'29", long 74°05'33", Hydrologic Unit 02040301, in Island Beach State Park, about 6.6 mi. south of the main entrance, Lacey Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, depth 12 ft, screened 9 to 12 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level recorder, May 1962 to Dec. 1972.

DATUM.--Land surface is 8.19 ft above NGVD of 1929. Measuring point: Top of base of aluminum locking cap, 2.62 ft above land surface.

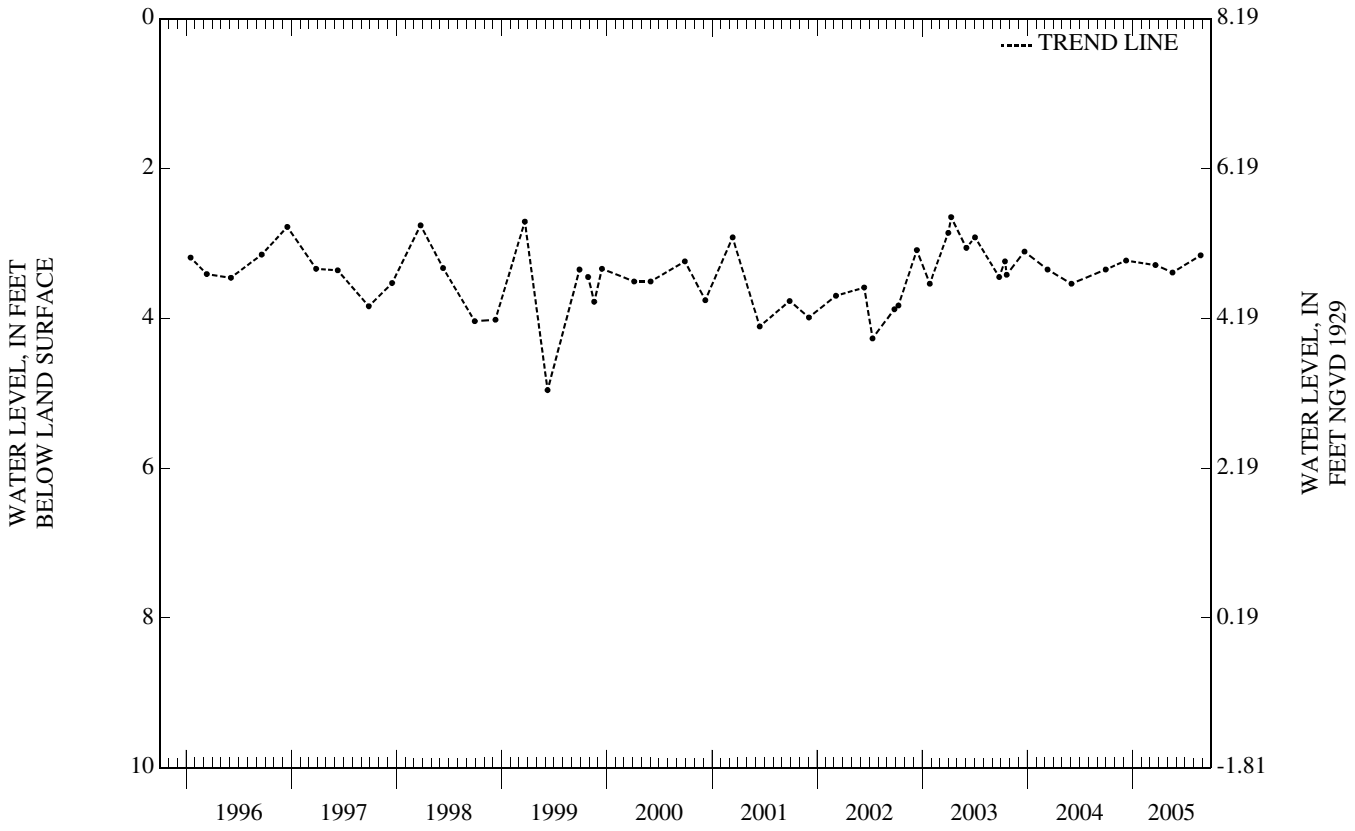
PERIOD OF RECORD.--May 1962 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.42 ft below land surface, June 24, 1964; lowest, 4.96 ft below land surface, June 9, 1999.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 09	3.23	MAR 21	3.29	MAY 19	3.39	AUG 25	3.16

WATER YEAR 2005 HIGHEST 3.16 AUG 25, 2005 LOWEST 3.39 MAY 19, 2005



29-0085 Toms River 84 Obs

NJ-WRD Well Number, 29-0085. Site I.D., 395930074142101. Local I.D., Toms River 84 Obs.

LOCATION.--Lat 39°59'29", long 74°14'19", Hydrologic Unit 02040301, at Toms River Plant, Ciba-Geigy Corporation, Dover Township.

AQUIFER.--Potomac-Raritan-Magothy aquifer system, undifferentiated, of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 8 in., depth 1,480 ft, screened 1,460 to 1,480 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements, July 1975 to Feb. 1977. Water-level recorder, July 1968 to July 1975.

DATUM.--Land surface is 66.71 ft above NGVD of 1929. Measuring point: Top of shelf, 2.70 ft above land surface.

PERIOD OF RECORD.--July 1968 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 62.32 ft below land surface, July 19, 1968, Feb. 9, 1969; lowest, 107.45 ft below land surface, Jan. 11, 1989.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	89.45	89.83	90.40	90.62	90.71	90.42	90.10	89.89	89.14	88.79	88.90	89.54
10	89.48	90.31	90.18	90.62	90.38	90.33	90.00	89.66	89.17	88.76	88.89	89.58
15	89.40	90.31	90.58	90.81	90.55	90.42	90.13	89.47	88.92	88.73	88.99	89.63
20	89.68	90.26	90.43	90.54	90.71	90.40	89.86	89.47	89.14	88.73	89.05	89.80
25	89.77	90.03	90.60	90.48	90.54	90.29	89.67	89.25	89.02	88.75	89.26	90.03
EOM	89.78	90.40	90.71	90.70	90.39	90.22	89.69	89.30	88.77	88.92	89.09	90.12
MEAN	89.60	90.19	90.45	90.64	90.59	90.31	89.91	89.51	89.06	88.77	89.02	89.69
MAX	89.94	90.43	90.74	90.88	90.79	90.46	90.18	89.89	89.38	88.92	89.26	90.12
MIN	89.30	89.83	90.10	90.40	90.38	89.98	89.58	89.19	88.77	88.70	88.85	89.21

WTR YR 2005 MEAN 89.81 HIGH 88.70 JUL 14 LOW 90.88 JAN 28

29-0138 Colliers Mills 1 Obs

NJ-WRD Well Number, 29-0138. Site I.D., 400416074270101. Local I.D., Colliers Mills 1 Obs.

LOCATION.--Lat 40°04'14", long 74°27'01", Hydrologic Unit 02040301, along western shore of Colliers Mills Pond, Jackson Township.

AQUIFER.--Englishtown aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 427 ft, screened 417 to 427 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60-minute recording interval. Water-level recorder, Mar. 1977 to June 2000. Water-level extremes recorder, Oct. 1976 to Mar. 1977. Periodic measurements, July 1975 to Oct. 1976. Water-level recorder, Feb. 1964 to July 1975.

DATUM.--Land surface is 136.52 ft above NGVD of 1929. Measuring point: Top of well seal, 2.22 ft above land surface.

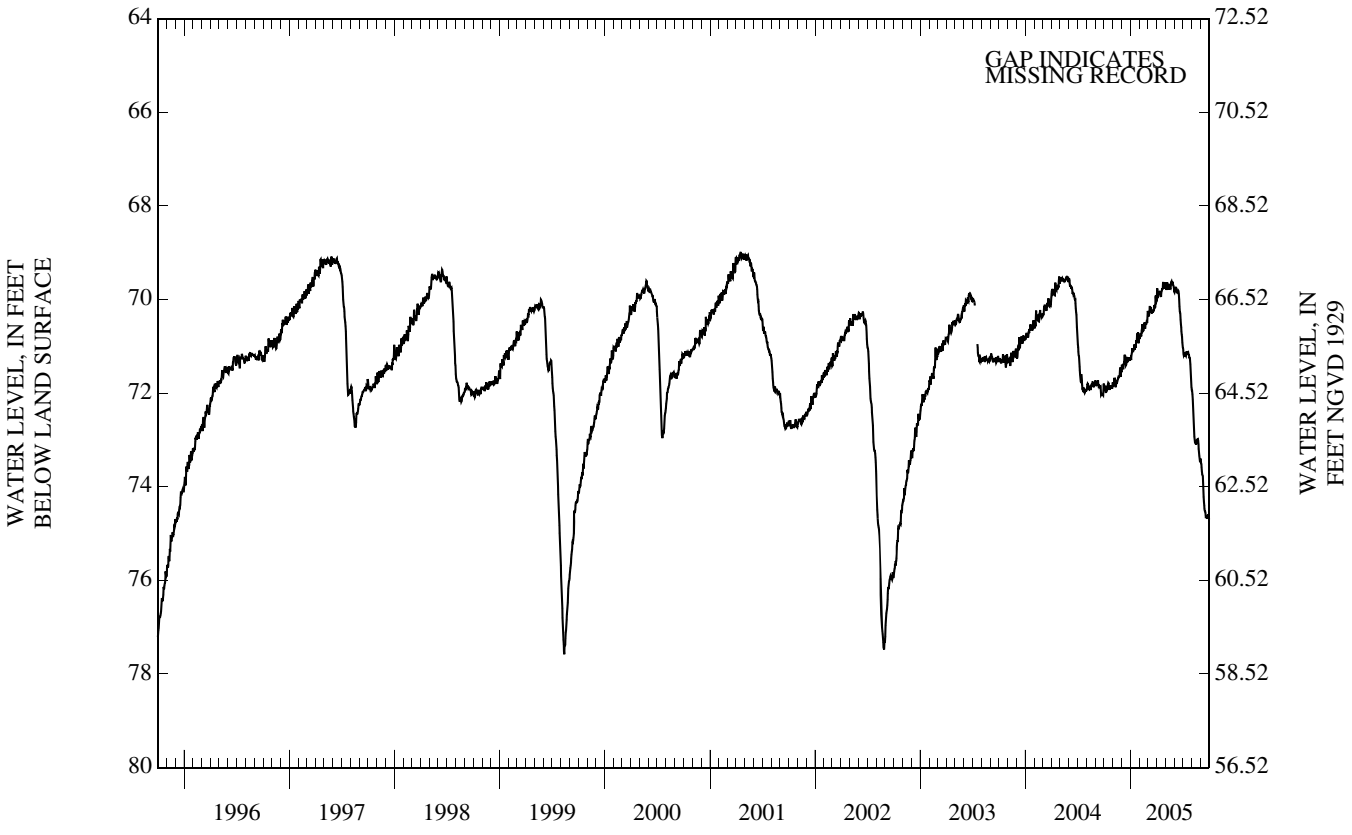
PERIOD OF RECORD.--Feb. 1964 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 52.02 ft below land surface, Feb. 19, 1964; lowest, 78.18 ft below land surface, Sept. 16, 1995.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	71.94	71.67	71.47	71.13	70.75	70.34	69.95	69.79	69.76	71.18	72.24	73.67
10	71.90	71.88	71.24	71.06	70.53	70.26	69.85	69.71	69.84	71.18	72.93	74.03
15	71.78	71.76	71.41	71.07	70.56	70.29	69.93	69.67	69.81	71.13	73.09	74.51
20	71.86	71.66	71.27	70.87	70.62	70.23	69.76	69.70	70.25	71.16	73.03	74.65
25	71.85	71.45	71.27	70.74	70.47	70.14	69.69	69.65	70.60	71.24	73.19	74.66
EOM	71.77	71.54	71.25	70.81	70.37	70.05	69.70	69.77	70.99	71.88	73.40	74.70
MEAN	71.88	71.70	71.32	70.98	70.60	70.21	69.82	69.70	70.11	71.25	72.90	74.28
MAX	71.98	71.88	71.49	71.29	70.83	70.36	70.02	69.79	70.99	71.88	73.46	74.70
MIN	71.77	71.45	71.18	70.70	70.37	69.91	69.63	69.61	69.73	71.03	71.92	73.46

WTR YR 2005 MEAN 71.23 HIGH 69.61 MAY 23 LOW 74.70 SEP 30



29-0139 Colliers Mills 2 Obs

NJ-WRD Well Number, 29-0139. Site I.D., 400416074270102. Local I.D., Colliers Mills 2 Obs. NJ Permit Number, 28-04784.

LOCATION.--Lat 40°04'14", long 74°27'01", Hydrologic Unit 02040301, along western shore of Colliers Mills Pond, Jackson Township.

AQUIFER.--Vincentown aquifer of Paleocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 171 ft, screened 161 to 171 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level extremes recorder, Oct. 1976 to Sept. 2004. Periodic measurements, July 1975 to Oct. 1976. Water-level recorder, Jan. 1964 to July 1975.

DATUM.--Land surface is 135.76 ft above NGVD of 1929. Measuring point: Top of shelf, 3.04 ft above land surface.

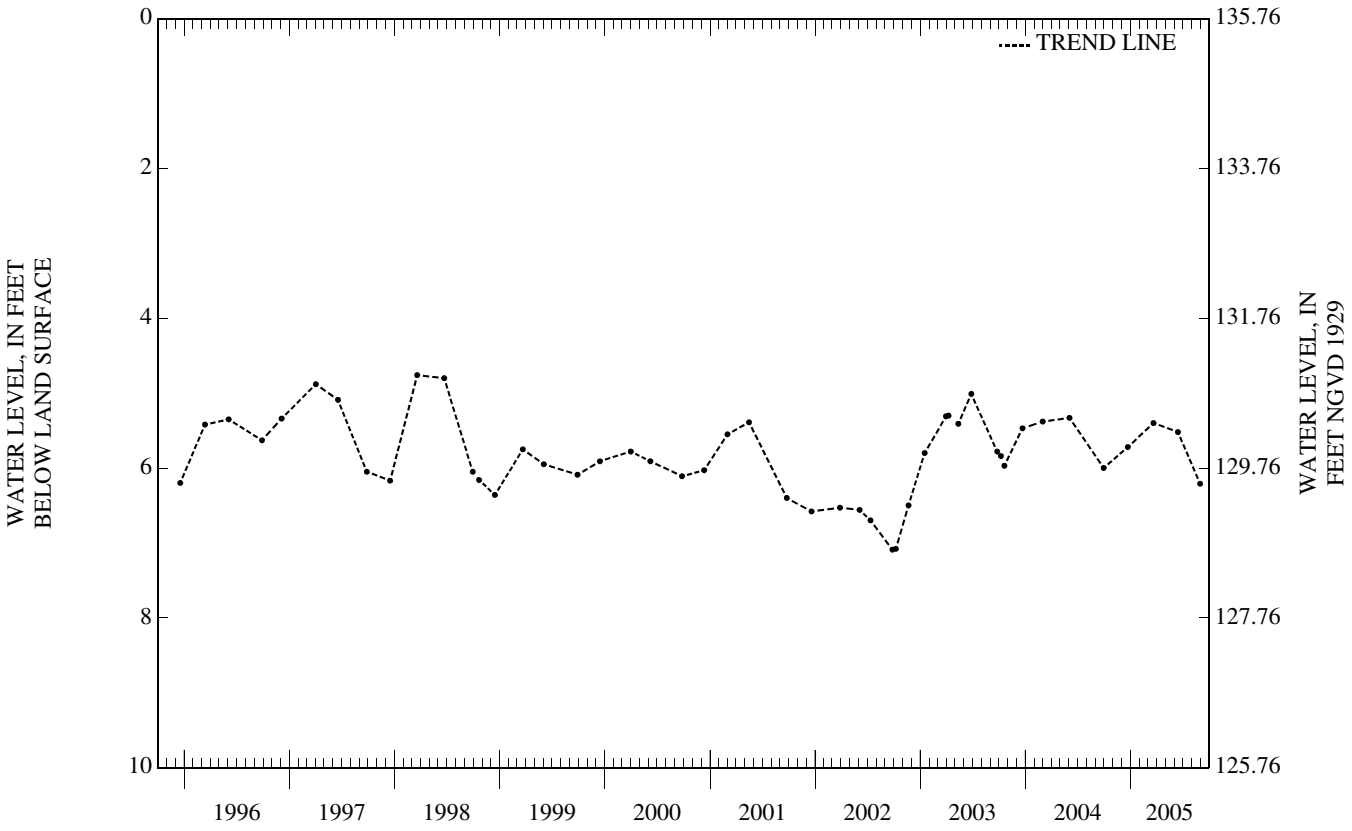
PERIOD OF RECORD.--Jan. 1964 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 3.92 ft below land surface, between Apr. 3 and July 11, 1984; lowest, 7.17 ft below land surface, between June 4 and Sept. 26, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 22	5.72	MAR 21	5.40	JUN 14	5.52	AUG 30	6.21

WATER YEAR 2005 HIGHEST 5.40 MAR 21, 2005 LOWEST 6.21 AUG 30, 2005



29-0140 Colliers Mills 3 Obs

NJ-WRD Well Number, 29-0140. Site I.D., 400416074270103. Local I.D., Colliers Mills 3 Obs. NJ Permit Number, 28-04785

LOCATION.--Lat 40°04'14", long 74°27'01", Hydrologic Unit 02040301, along western shore of Colliers Mills Pond, Jackson Township.

AQUIFER.--Wenonah-Mount Laurel aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 267 ft, screened 257 to 267 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Water-level extremes recorder, Oct. 1976 to Mar. 2001. Periodic measurements, July 1975 to Oct. 1976. Water-level recorder, Jan. 1964 to July 1975.

DATUM.--Land surface is 135.15 ft above NGVD of 1929. Measuring point: Top of well seal, 3.37 ft above land surface.

REMARKS.--Water level is affected by nearby pumping.

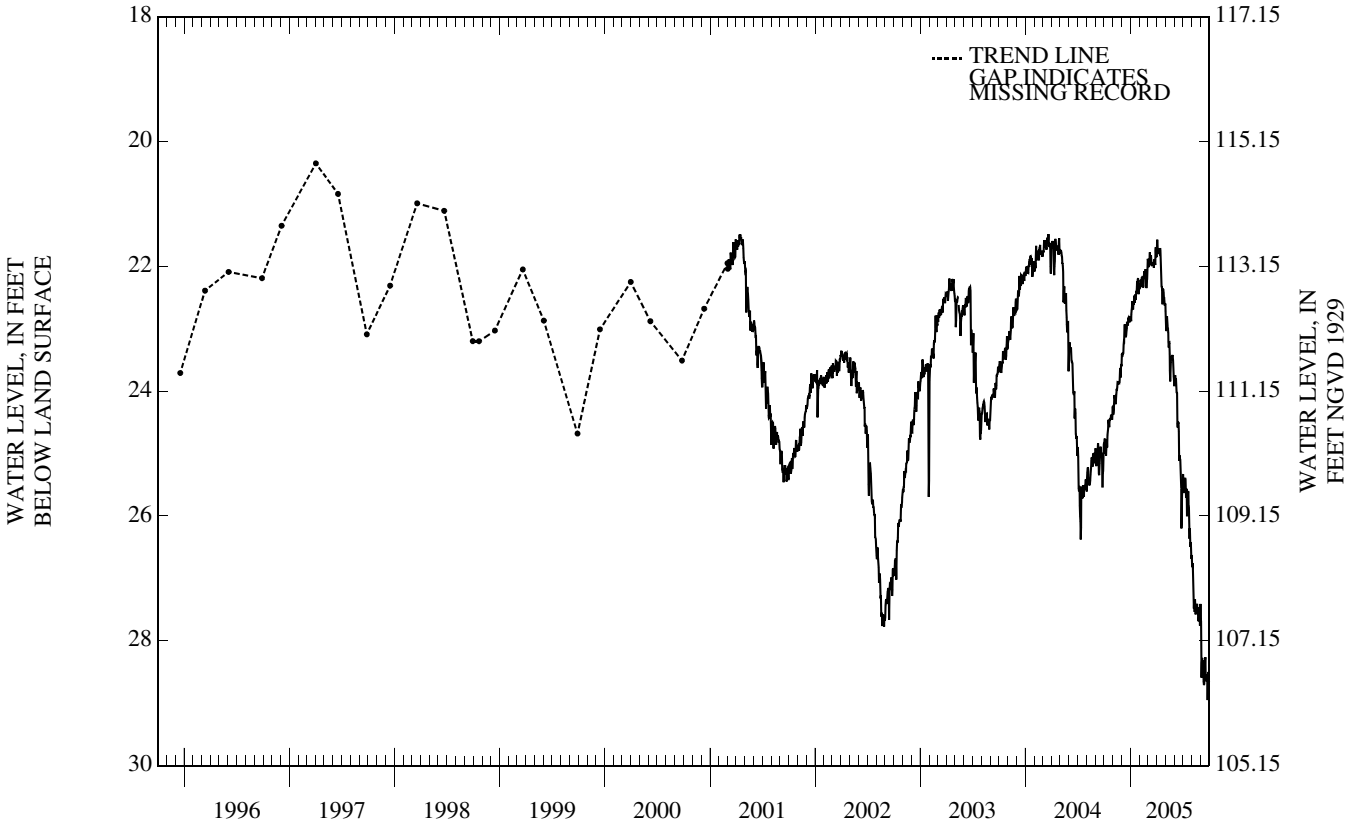
PERIOD OF RECORD.--Jan. 1964 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 15.72 ft below land surface, May 9, 1964; lowest, 29.22 ft below land surface, Sept. 25, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	25.00	24.07	23.41	22.66	22.26	21.99	21.77	23.00	23.81	25.47	26.84	28.36
10	24.77	24.21	23.01	22.60	22.18	21.95	21.78	23.00	24.03	25.42	27.36	28.50
15	24.49	23.94	23.14	22.59	22.19	21.98	21.93	23.23	24.52	26.00	27.54	28.51
20	24.45	23.87	22.90	22.39	22.20	21.96	22.39	23.54	25.07	25.63	27.50	28.57
25	24.38	23.63	22.86	22.22	22.26	21.90	22.42	23.44	25.56	26.20	27.64	28.95
EOM	24.25	23.59	22.81	22.31	22.02	21.85	22.61	23.84	25.43	26.68	27.41	28.66
MEAN	24.60	23.95	23.05	22.50	22.21	21.92	22.09	23.29	24.69	25.84	27.38	28.49
MAX	25.03	24.38	23.45	22.88	22.35	22.02	22.63	23.85	26.20	26.68	27.76	28.95
MIN	24.25	23.57	22.81	22.19	22.02	21.69	21.57	22.60	23.74	25.33	26.63	27.64

WTR YR 2005 MEAN 24.18 HIGH 21.57 APR 3 LOW 28.95 SEP 25



29-0141 Colliers Mills 4 Obs

NJ-WRD Well Number, 29-0141. Site I.D., 400416074270104. Local I.D., Colliers Mills 4 Obs.

LOCATION.--Lat 40°04'14", long 74°27'01", Hydrologic Unit 02040301, along western shore of Colliers Mills Pond, Jackson Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 6 in., depth 71 ft, gravel-filled hole 46 to 71 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level extremes recorder, Oct. 1976 to Sept. 2004. Periodic measurements, July 1975 to Oct. 1976. Water-level recorder, Mar. 1964 to July 1975.

DATUM.--Land surface is 135.31 ft above NGVD of 1929. Measuring point: Top of shelf, 2.70 ft above land surface.

REMARKS.--Water level is affected by the stage of Colliers Mills Pond.

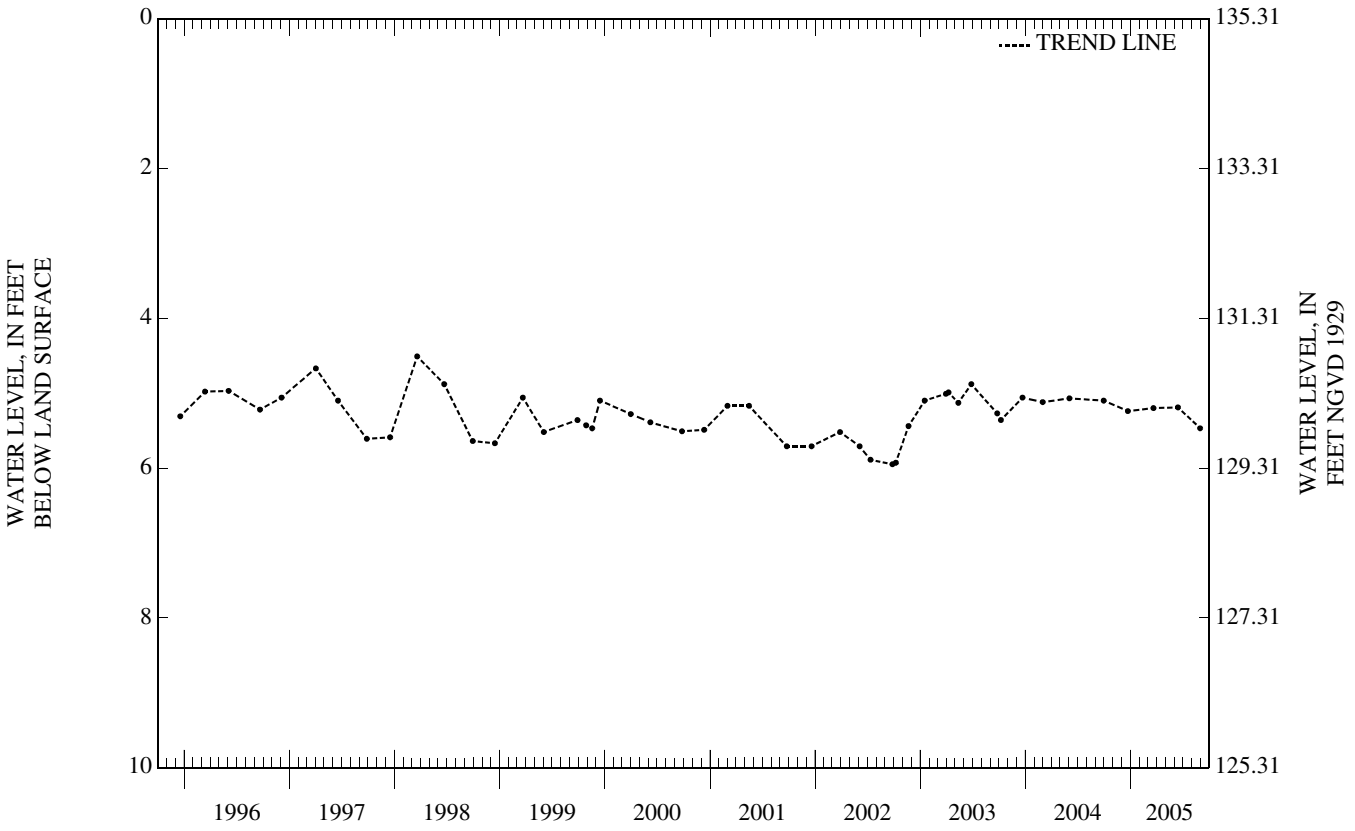
PERIOD OF RECORD.--Mar. 1964 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 3.68 ft below land surface, between Apr. 3 and July 11, 1984; lowest, 7.17 ft below land surface, between Dec. 4, 1984 and Mar. 6, 1985.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 22	5.24	MAR 21	5.20	JUN 14	5.19	AUG 30	5.47

WATER YEAR 2005 HIGHEST 5.19 JUN 14, 2005 LOWEST 5.47 AUG 30, 2005



29-0425 Webbs Mills 2 Obs

NJ-WRD Well Number, 29-0425. Site I.D., 395323074225501. Local I.D., Webbs Mills 2 Obs.

LOCATION.--Lat 39°53'22", long 74°22'51", Hydrologic Unit 02040301, about 180 ft west of County Rt. 539, and about 500 ft north of Webbs Mill Branch, Lacey Township.

AQUIFER.--Piney Point aquifer of Eocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, depth 348 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level recorder, Feb. 1962 to Jan. 1975.

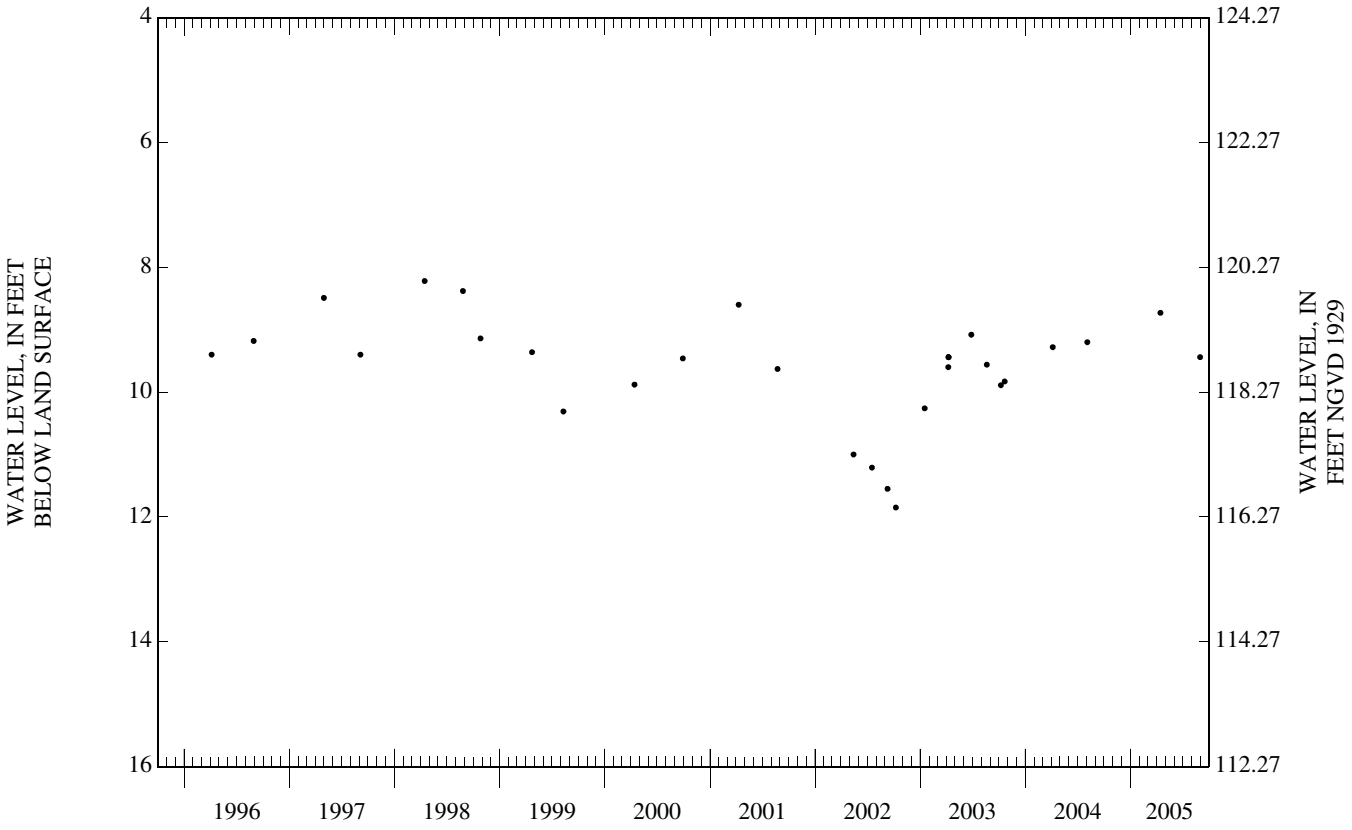
DATUM.--Land surface is 128.27 ft above NGVD of 1929. Measuring point: Top of shelf, 1.90 ft above land surface.

PERIOD OF RECORD.--Feb. 1962 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 7.01 ft below land surface, Apr. 20, 1973; lowest, 11.55 ft below land surface, Sept. 9, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 14	8.73	AUG 30	9.44



29-0503 Mantoloking 6 Obs

NJ-WRD Well Number, 29-0503. Site I.D., 400210074031001. Local I.D., Mantoloking 6 Obs. NJ Permit Number, 29-01325.

LOCATION.--Lat 40°02'10", long 74°03'08", Hydrologic Unit 02040301, Bay Ave., Mantoloking Borough.

AQUIFER.--Englishtown aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian unused public-supply well, diameter 8 in., depth 906 ft, screened 845 to 906 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements, Oct. 1983 to May 1984.

DATUM.--Land surface is 5 ft above NGVD of 1929, from topographic map. Measuring point: Top of shelf, 2.40 ft above land surface.

REMARKS.--Water level is affected by tidal fluctuation and nearby pumping.

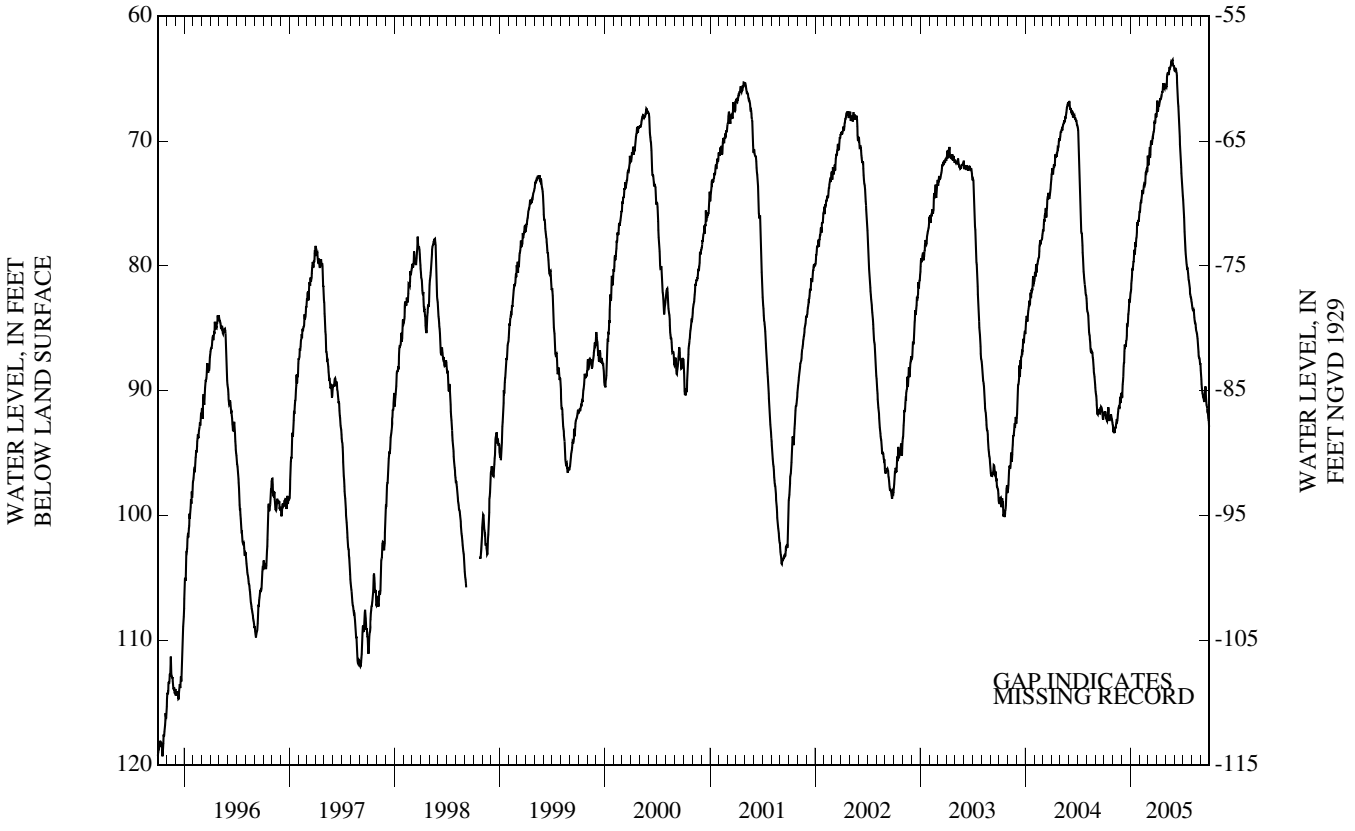
PERIOD OF RECORD.--Oct. 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 63.02 ft below land surface, May 26, 2005; lowest, 207.49 ft below land surface, Oct. 31, 1987.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	91.76	93.02	89.22	80.84	74.88	71.48	67.63	65.65	64.18	76.13	83.48	89.77
10	92.38	92.88	86.83	79.66	73.91	71.06	67.02	64.56	64.75	78.65	84.12	90.53
15	91.32	92.40	86.39	79.07	73.61	70.29	66.63	64.14	67.20	80.12	84.93	90.35
20	91.97	91.34	84.84	77.80	73.38	69.44	66.06	63.92	69.67	80.89	85.62	90.71
25	91.97	90.48	83.56	76.77	72.22	68.47	65.61	63.52	72.12	81.80	87.21	91.76
EOM	92.78	90.53	82.18	75.64	72.14	68.04	65.61	64.00	74.14	82.84	87.79	92.89
MEAN	92.09	92.01	85.95	78.60	73.75	69.86	66.51	64.39	68.01	79.57	85.26	90.65
MAX	92.78	93.38	90.55	82.06	75.68	71.93	67.86	65.65	74.14	82.84	87.87	92.89
MIN	91.32	90.19	82.18	75.64	72.14	67.79	65.34	63.48	64.16	74.37	82.95	88.37

WTR YR 2005 MEAN 78.92 HIGH 63.48 MAY 26 LOW 93.38 NOV 6



29-0513 Garden St Pky 1 Obs

NJ-WRD Well Number, 29-0513. Site I.D., 394742074142001. Local I.D., Garden St Pky 1 Obs.

LOCATION.--Lat 39°47'44", long 74°14'17", Hydrologic Unit 02040301, near the intersection of the Garden State Parkway and Rt. 532 (Waretown-Brookville Rd), Ocean Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, depth 21 ft, screened 18 to 21 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape.

DATUM.--Land surface is 44.25 ft above NGVD of 1929. Measuring point: Top of coupling, 1.00 ft above land surface.

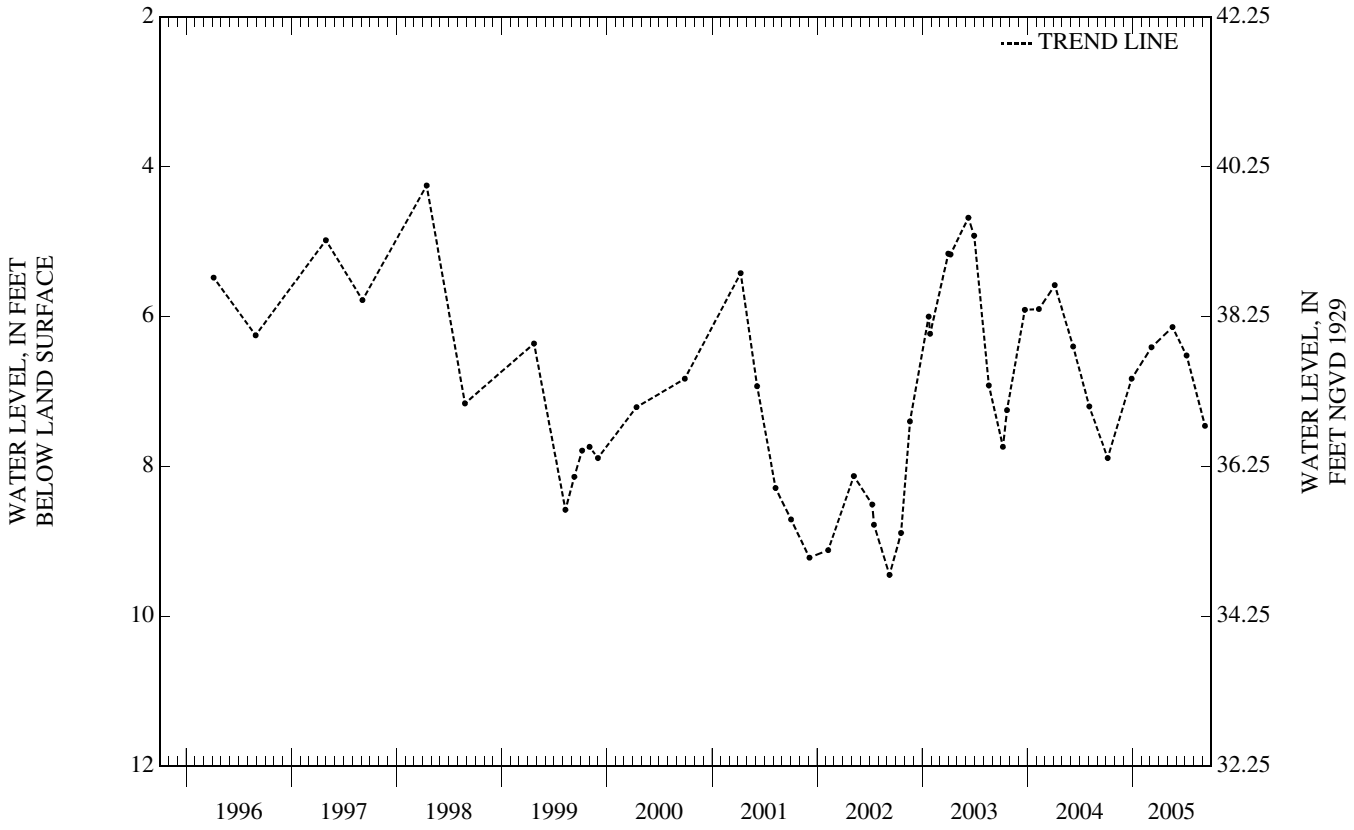
PERIOD OF RECORD.--May 1962 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.99 ft below land surface, Apr. 3, 1984; lowest, 9.60 ft below land surface, Oct. 8, 1985.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 06	7.89	DEC 28	6.83	MAR 07	6.41	MAY 19	6.14	JUL 07	6.52	SEP 09	7.46

WATER YEAR 2005 HIGHEST 6.14 MAY 19, 2005 LOWEST 7.89 OCT 06, 2004



29-0514 Garden St Pky 2 Obs

NJ-WRD Well Number, 29-0514. Site I.D., 394742074142002. Local I.D., Garden St Pky 2 Obs.

LOCATION.--Lat 39°47'44", long 74°14'17", Hydrologic Unit 02040301, near the intersection of the Garden State Parkway and Rt. 532 (Waretown-Brookville Rd), Ocean Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, depth 316 ft, screened 306 to 316 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Periodic measurements, Mar. 1975 to Apr. 2001. Water-level recorder, May 1962 Mar. 1975.

DATUM.--Land surface is 43.82 ft above NGVD of 1929. Measuring point: Top of base of aluminum locking cap, 1.92 ft above land surface.

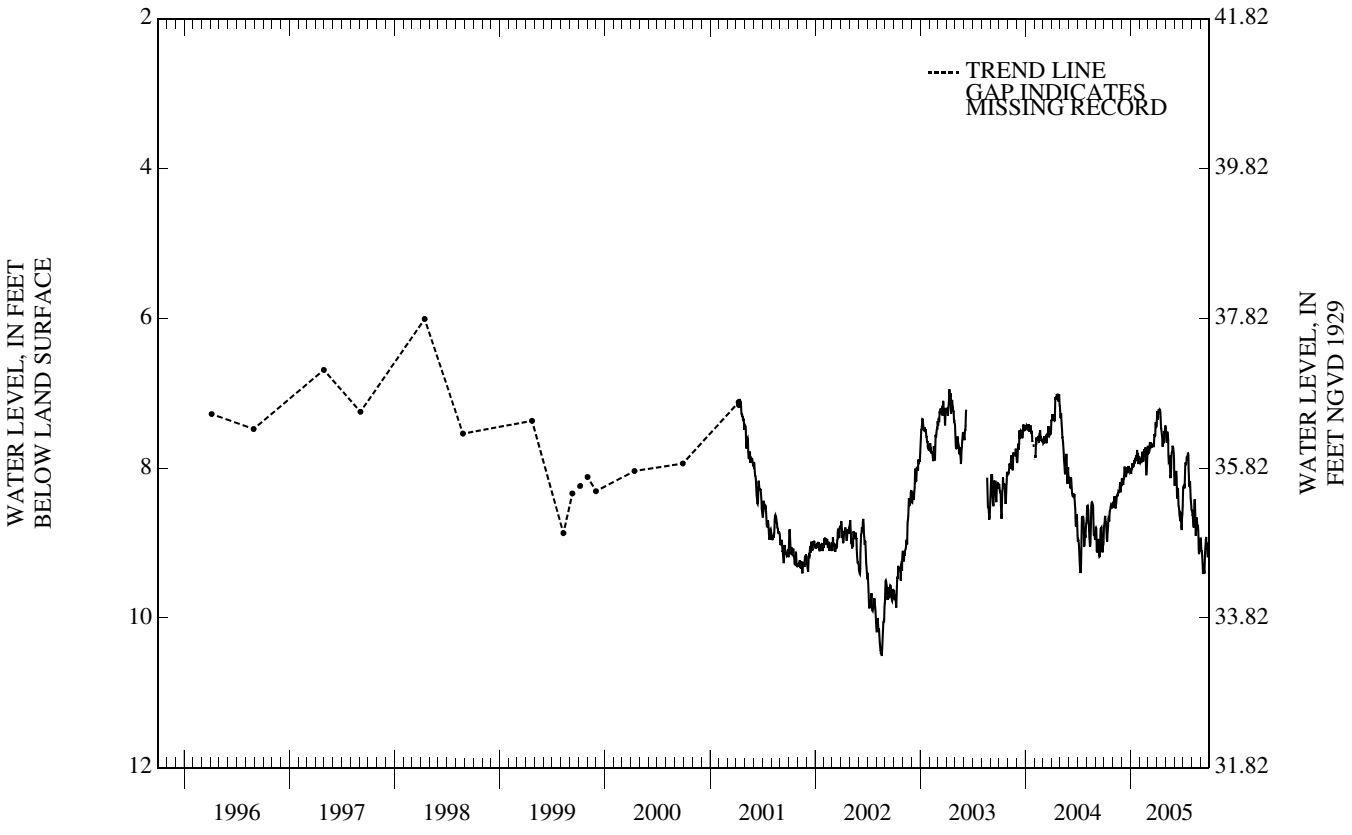
PERIOD OF RECORD.--Feb. 1962 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 5.23 ft below land surface, Apr. 10-11, 1973; lowest, 10.54 ft below land surface, Aug. 20, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.68	8.38	8.21	8.01	7.90	7.80	7.35	7.63	8.09	8.24	8.66	9.11
10	8.95	8.53	8.00	7.96	7.78	7.72	7.23	7.57	8.29	7.93	8.47	9.37
15	8.71	8.36	8.12	7.94	7.79	7.71	7.38	7.84	8.41	7.84	8.91	9.27
20	8.58	8.32	8.03	7.83	7.83	7.68	7.59	8.10	8.65	7.83	8.76	8.92
25	8.50	8.19	8.00	7.81	8.04	7.56	7.67	7.78	8.61	8.20	9.07	9.18
EOM	8.46	8.23	8.04	7.90	7.79	7.45	7.48	7.88	8.53	8.56	8.99	9.01
MEAN	8.67	8.37	8.07	7.92	7.87	7.66	7.43	7.76	8.42	8.12	8.78	9.15
MAX	8.98	8.53	8.22	8.08	8.10	7.80	7.71	8.13	8.83	8.56	9.15	9.41
MIN	8.46	8.19	7.97	7.76	7.72	7.39	7.22	7.43	8.04	7.81	8.42	8.92

WTR YR 2005 MEAN 8.19 HIGH 7.22 APR 8 LOW 9.41 SEP 9



29-0530 Point Pleasant 6 Obs

NJ-WRD Well Number, 29-0530. Site I.D., 400454074041301. Local I.D., Point Pleasant 6 Obs. NJ Permit Number, 29-04530.

LOCATION.--Lat 40°04'54", long 74°04'11", Hydrologic Unit 02040301, at the Point Pleasant Borough public works facility, Albert E. Clifton Ave., Point Pleasant Borough.

AQUIFER.--Englishtown aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian unused public-supply well, diameter 8 in., depth 790 ft, screened 730 to 790 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape.

DATUM.--Land surface is 17 ft above NGVD of 1929, from topographic map. Measuring point: Top of pump base, 2.90 ft above land surface.

REMARKS.--Water level is affected by tidal fluctuation and nearby pumping.

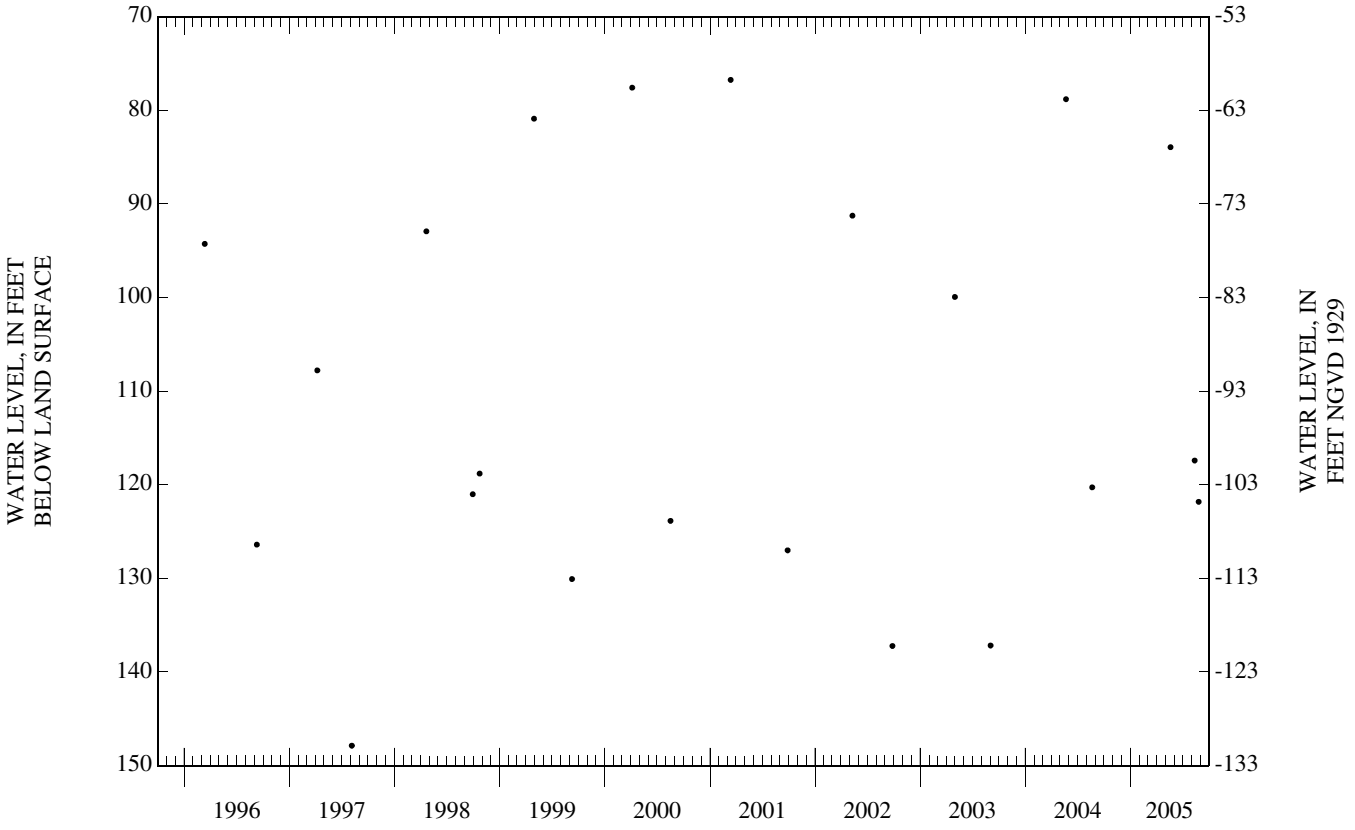
PERIOD OF RECORD.--Sept. 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 76.75 ft below land surface, Mar. 13, 2001; lowest, 250.66 ft below land surface, Aug 17, 1989.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 19	83.94	AUG 11	117.42	AUG 25	121.83

WATER YEAR 2005 HIGHEST 83.94 MAY 19, 2005 LOWEST 121.83 AUG 25, 2005



29-0534 Toms River 2 Obs

NJ-WRD Well Number, 29-0534. Site I.D., 395609074124001. Local I.D., Toms River 2 Obs. NJ Permit Number, 33-01117.

LOCATION.--Lat 39°56'09", long 74°12'39", Hydrologic Unit 02040301, about 200 ft east of Double Trouble Rd. on the north side of Jakes Branch, South Toms River Borough.

AQUIFER.--Englishtown aquifer system of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 1,146 ft, screened 1,080 to 1,146 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Water-level extremes recorder, Feb. 1977 to Oct. 1990. Periodic measurements, July 1975 to Feb. 1977. Water-level recorder, Dec. 1965 to July 1975.

DATUM.--Land surface is 18.34 ft above NGVD of 1929. Measuring point: Top of coupling, 2.44 ft above land surface.

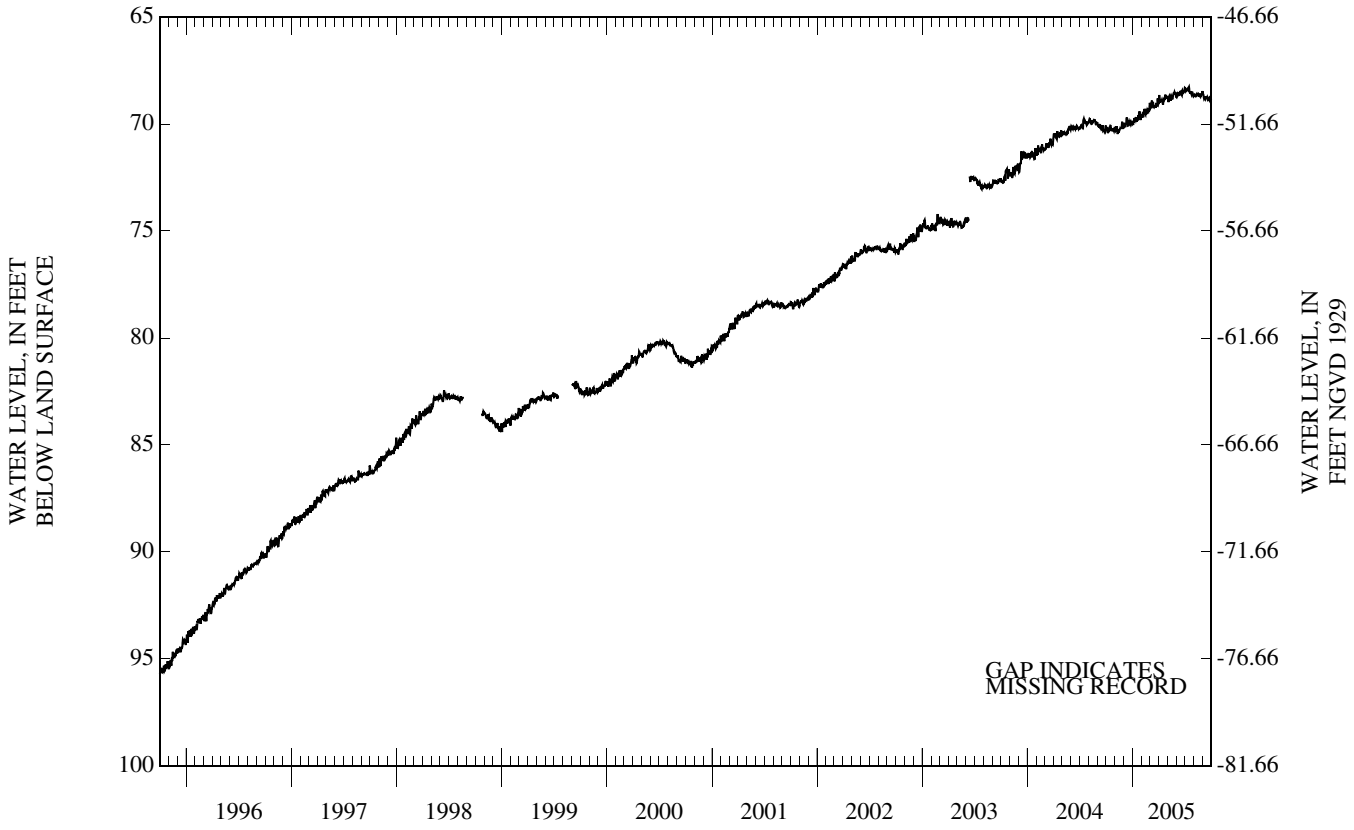
PERIOD OF RECORD.--Dec. 1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 48.37 ft below land surface, May 28, 1966; lowest, 106.41 ft below land surface, Dec. 19-20, 1992.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	70.31	70.11	70.10	69.86	69.61	69.22	68.96	68.97	68.58	68.44	68.66	68.78
10	70.25	70.47	69.82	69.77	69.29	69.13	68.90	68.79	68.64	68.40	68.61	68.79
15	70.08	70.34	70.08	69.89	69.41	69.20	69.04	68.69	68.48	68.28	68.65	68.75
20	70.26	70.20	69.86	69.60	69.54	69.19	68.83	68.74	68.67	68.54	68.67	68.82
25	70.23	69.89	69.95	69.48	69.34	69.08	68.70	68.57	68.54	68.56	68.72	68.92
EOM	70.14	70.15	69.99	69.64	69.22	69.06	68.73	68.65	68.37	68.71	68.47	68.88
MEAN	70.25	70.23	69.96	69.73	69.46	69.10	68.86	68.72	68.56	68.47	68.65	68.78
MAX	70.39	70.47	70.15	70.05	69.71	69.25	69.10	68.97	68.76	68.71	68.72	68.92
MIN	70.08	69.89	69.69	69.42	69.22	68.80	68.63	68.51	68.37	68.28	68.47	68.52

WTR YR 2005 MEAN 69.23 HIGH 68.28 JUL 15 LOW 70.47 NOV 10



29-0585 DOE-Forked River Obs

NJ-WRD Well Number, 29-0585. Site I.D., 395028074104401. Local I.D., DOE-Forked River Obs.

LOCATION.--Lat 39°50'28", long 74°10'43", Hydrologic Unit 02040301, at the Forsythe National Wildlife Area, Forked River, Lacey Township.

AQUIFER.--Piney Point aquifer of Eocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 422 ft, perforated casing 412 to 422 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval.

DATUM.--Land surface is 15 ft above NGVD of 1929, from topographic map. Measuring point: Top of recorder shelf, 3.80 ft above land surface.

REMARKS.--Water level is affected by nearby pumping.

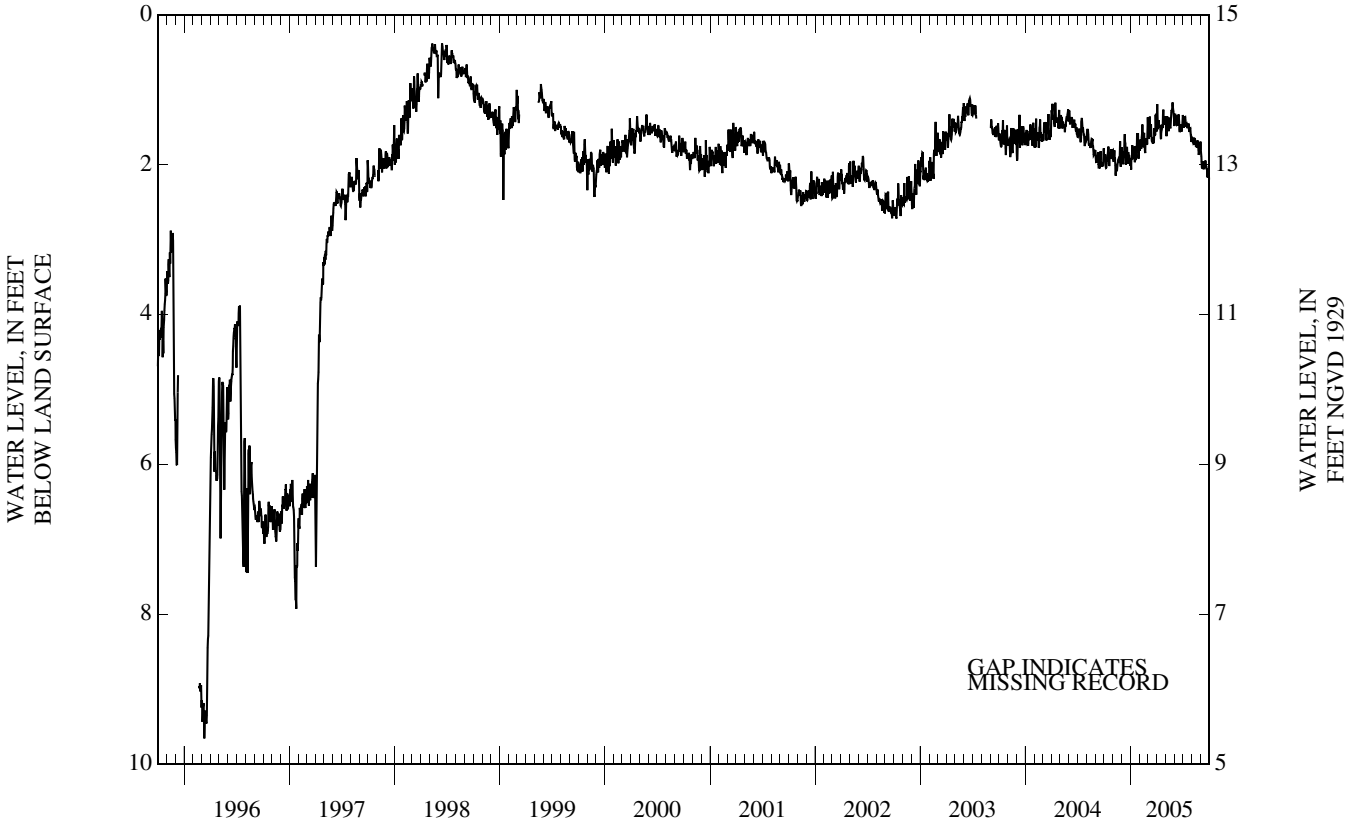
PERIOD OF RECORD.--Apr. 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 0.83 ft above land surface, June 1, 1984; lowest, 9.70 ft below land surface, Mar. 10, 1996.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.96	1.81	1.97	1.88	1.72	1.63	1.51	1.62	1.36	1.47	1.68	2.04
10	1.94	2.15	1.67	1.82	1.46	1.62	1.48	1.43	1.47	1.42	1.65	2.02
15	1.76	2.03	2.00	1.97	1.64	1.68	1.64	1.37	1.35	1.48	1.75	2.00
20	1.90	1.95	1.84	1.75	1.84	1.66	1.46	1.41	1.56	1.49	1.73	2.01
25	1.80	1.68	1.94	1.63	1.66	1.54	1.35	1.25	1.53	1.51	1.87	2.16
EOM	1.80	1.95	1.98	1.76	1.55	1.56	1.38	1.39	1.38	1.69	1.69	2.20
MEAN	1.89	1.95	1.88	1.82	1.68	1.57	1.45	1.39	1.44	1.49	1.73	2.02
MAX	2.04	2.15	2.01	2.06	1.84	1.72	1.66	1.62	1.56	1.69	1.87	2.20
MIN	1.76	1.68	1.59	1.58	1.46	1.33	1.19	1.17	1.32	1.34	1.64	1.80

WTR YR 2005 MEAN 1.69 HIGH 1.17 MAY 26 LOW 2.20 SEP 30



29-1059 RLF-30 Obs

NJ-WRD Well Number, 29-1059. Site I.D., 400120074265401. Local I.D., RLF-30 Obs. NJ Permit Number, 28-16707-4.

LOCATION.--Lat 40°01'20", long 74°26'53", Hydrologic Unit 02040301, at the Fort Dix Military Reservation, Plumsted Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 4 in., depth 75 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60-minute recording interval. Water-level recorder, May 1992 to Apr. 2000.

DATUM.--Land surface is 180 ft above NGVD of 1929, from topographic map. Measuring point: Top of shelf, 2.15 ft above land surface.

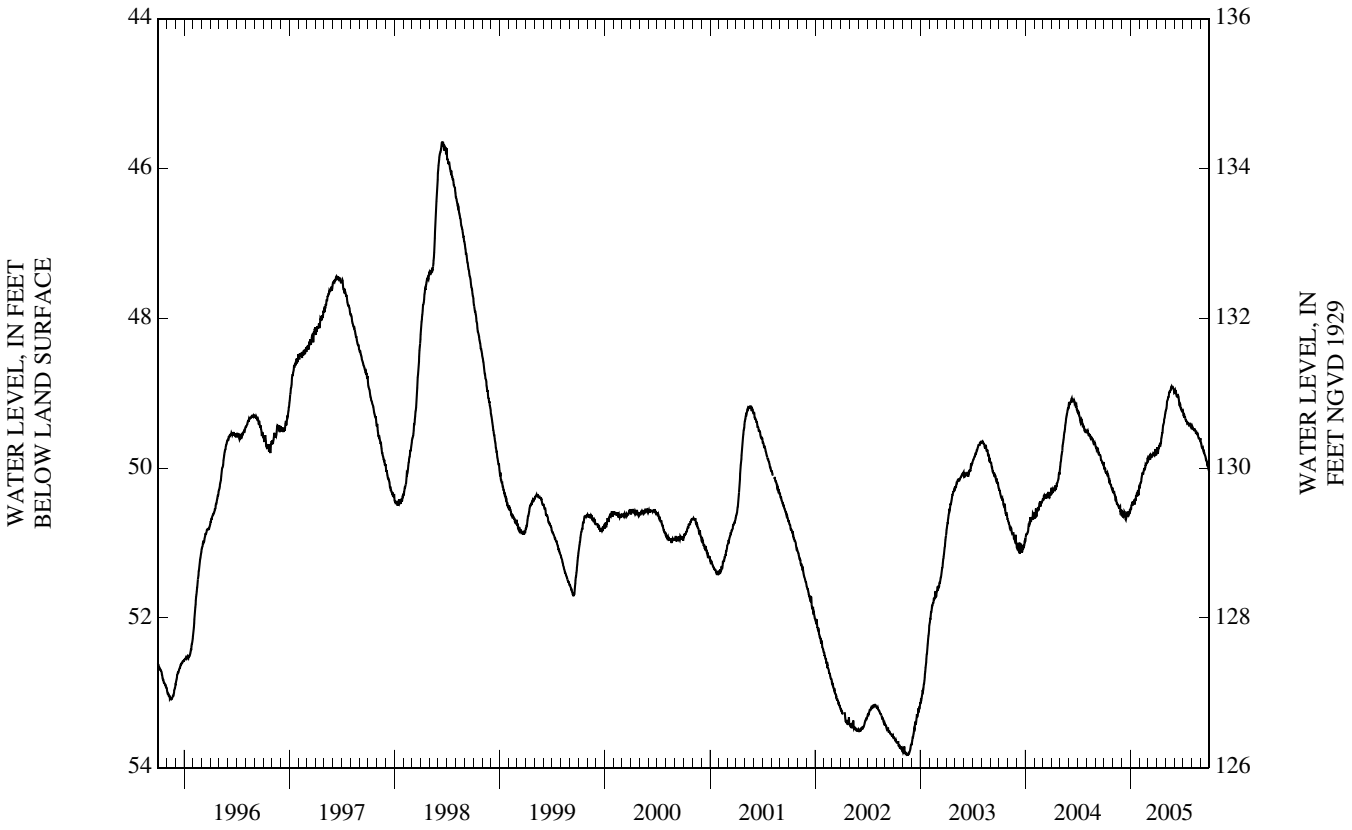
PERIOD OF RECORD.--May 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 45.63 ft below land surface, June 15, 1998; lowest, 53.86 ft below land surface, Nov. 18, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	50.05	50.34	50.65	50.48	50.19	49.87	49.81	49.20	48.98	49.29	49.47	49.72
10	50.07	50.43	50.58	50.45	50.07	49.87	49.71	49.08	49.04	49.35	49.47	49.77
15	50.10	50.48	50.69	50.48	50.04	49.85	49.67	48.98	49.04	49.39	49.53	49.82
20	50.19	50.52	50.62	50.36	49.99	49.80	49.53	48.94	49.17	49.41	49.54	49.89
25	50.24	50.51	50.62	50.31	49.94	49.81	49.41	48.92	49.21	49.40	49.60	49.97
EOM	50.30	50.61	50.54	50.27	49.88	49.82	49.28	48.97	49.23	49.46	49.60	50.05
MEAN	50.14	50.47	50.62	50.41	50.06	49.83	49.60	49.03	49.09	49.37	49.53	49.84
MAX	50.30	50.61	50.69	50.55	50.26	49.89	49.81	49.27	49.23	49.46	49.62	50.05
MIN	50.00	50.31	50.54	50.26	49.88	49.75	49.28	48.91	48.96	49.23	49.43	49.66

WTR YR 2005 MEAN 49.83 HIGH 48.91 MAY 23 LOW 50.69 DEC 15



29-1060 LNAS-EC Obs

NJ-WRD Well Number, 29-1060. Site I.D., 400232074213201. Local I.D., LNAS-EC Obs.

LOCATION.--Lat 40°02'37", long 74°21'27", Hydrologic Unit 02040301, at Lakehurst Naval Air Station, Jackson Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 4 in., depth 38 ft, screened 23 to 38 ft.

INSTRUMENTATION.--Data collection platform with satellite telemetry--60 minute recording interval. Submersible logger pressure transducer, Feb. 1999 to June 2002. Water-level recorder, May 1992 to Feb. 1999.

DATUM.--Land surface is 110 ft above NGVD of 1929, from topographic map. Measuring point: Top of protective casing, 2.95 ft above land surface.

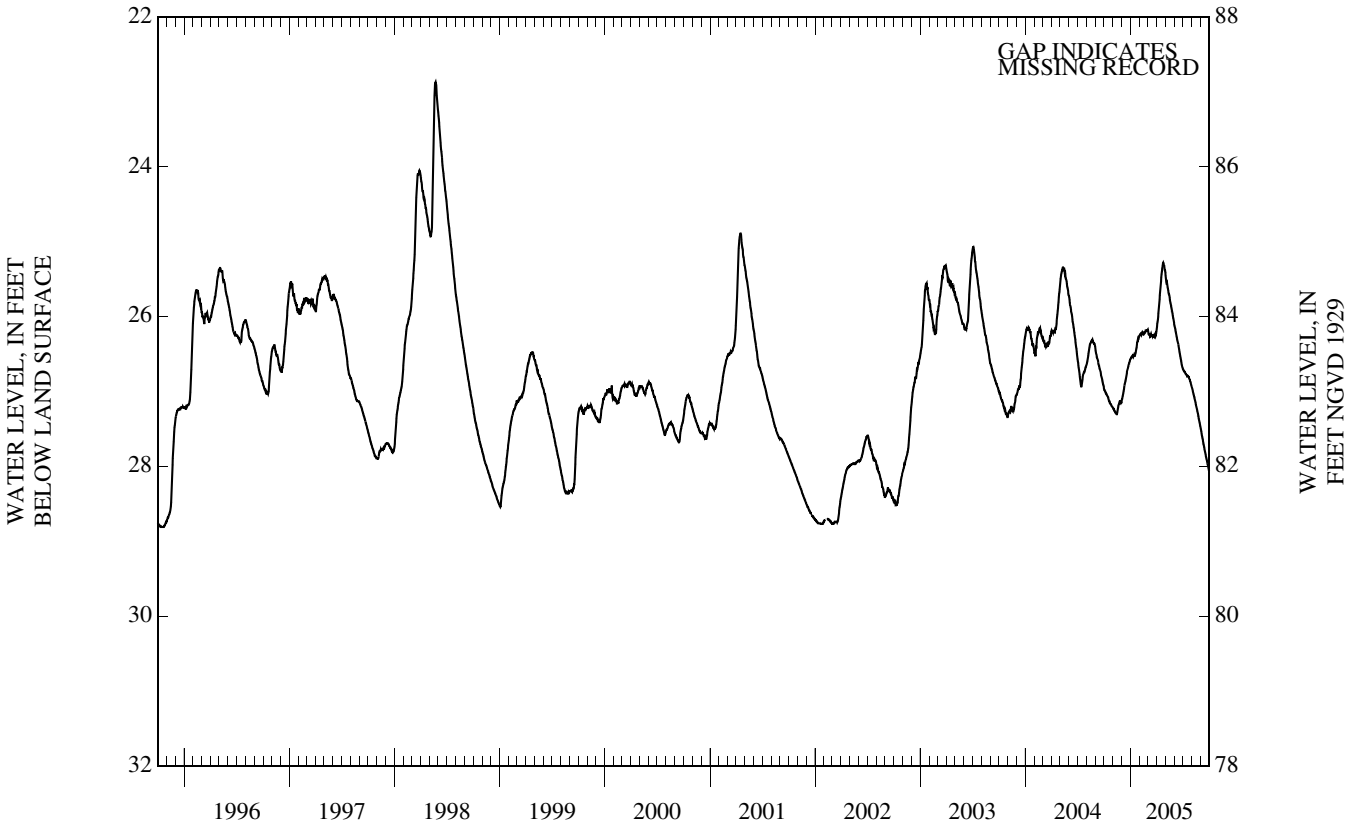
PERIOD OF RECORD.--May 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 22.86 ft below land surface, May 23, 1998; lowest 28.81 ft below land surface, Oct. 13-21, 1995.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	27.01	27.25	27.04	26.53	26.23	26.24	26.05	25.55	26.18	26.73	27.00	27.58
10	27.04	27.29	26.92	26.52	26.21	26.27	25.82	25.63	26.28	26.76	27.08	27.69
15	27.09	27.28	26.83	26.53	26.23	26.26	25.57	25.72	26.37	26.79	27.17	27.79
20	27.15	27.18	26.72	26.43	26.21	26.26	25.36	25.84	26.49	26.80	27.26	27.88
25	27.18	27.12	26.64	26.32	26.19	26.28	25.29	25.94	26.60	26.84	27.36	27.98
EOM	27.21	27.14	26.56	26.26	26.18	26.20	25.38	26.08	26.68	26.93	27.47	28.06
MEAN	27.10	27.22	26.82	26.45	26.22	26.25	25.63	25.76	26.39	26.79	27.19	27.79
MAX	27.21	27.30	27.11	26.56	26.25	26.28	26.17	26.08	26.68	26.93	27.47	28.06
MIN	26.98	27.12	26.56	26.26	26.18	26.17	25.28	25.41	26.10	26.69	26.94	27.50

WTR YR 2005 MEAN 26.64 HIGH 25.28 APR 24 LOW 28.06 SEP 30



29-1210 Great Bay Blvd. 1 Obs

NJ-WRD Well Number 29-1210. Site I.D., 393115074191001. Local I.D., Great Bay Blvd. 1 Obs. NJ Permit Number, 36-20855.

LOCATION.--Lat 39°31'15", long 74°19'09", Hydrologic Unit 02040301, on the west side of Great Bay Boulevard, about 200 ft north of Little Sheepshead Creek, Little Egg Harbor Township.

AQUIFER.--Piney Point aquifer of Eocene age.

WELL CHARACTERISTICS.-- Drilled artesian observation well, diameter 4 in., depth 880 ft, screened 860 to 880 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60-minute recording interval. Water-level recorder, May to July 1997.

DATUM.-- Land surface is 5.6 ft above NGVD of 1929. Measuring point: Top of base of locking cap, 4.70 ft above land surface

REMARKS.--Water level affected by tidal fluctuation. The well was pumped on July 21, 2005. After pumping, the water-level did not return to its previous level. Therefore, the screen may have been partially clogged prior to the pumping.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 16.05 ft below land surface, Feb. 5, 1998; lowest, 23.31 ft below land surface, Mar. 10, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	22.20	22.27	22.63	22.45	22.19	22.60	22.48	22.79	22.43	22.56	21.61	21.73
10	22.23	22.57	21.72	22.38	21.97	22.74	22.42	22.33	22.65	22.61	21.53	21.68
15	21.63	22.40	22.58	22.70	22.52	22.71	22.34	22.41	22.15	22.56	21.58	21.50
20	21.65	22.25	22.35	22.47	22.86	22.53	22.51	22.28	22.49	22.50	21.38	21.66
25	21.53	21.95	22.47	22.31	22.14	22.20	22.21	21.62	22.69	21.49	21.61	21.75
EOM	22.00	22.37	22.69	22.14	22.27	22.35	22.34	22.40	22.58	21.69	21.38	---
MEAN	21.99	22.29	22.41	22.40	22.39	22.40	22.34	22.32	22.50	---	21.54	---
MAX	22.46	22.61	22.81	22.81	22.86	22.89	22.60	22.79	22.72	---	21.64	---
MIN	21.38	21.92	21.71	21.81	21.97	21.76	21.70	21.62	22.06	---	21.37	---

29-1419 MW 61

NJ-WRD Well Number, 29-1419. Site I.D., 395034074112101. Local I.D., MW 61. NJ Permit Number, 33-40574.

LOCATION.--Lat 39°50'34", long 74°11'20", Hydrologic Unit 02040301, at the Forsythe National Wildlife Area, Forked River, Lacey Township.

AQUIFER.--Kirkwood-Cohansey aquifer system of Miocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 2 in., depth 20 ft, screened 15 to 20 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60-minute recording interval.

DATUM.--Land surface is 19 ft above NGVD of 1929, from topographic map. Measuring point: Top of protective casing, 2.94 ft above land surface.

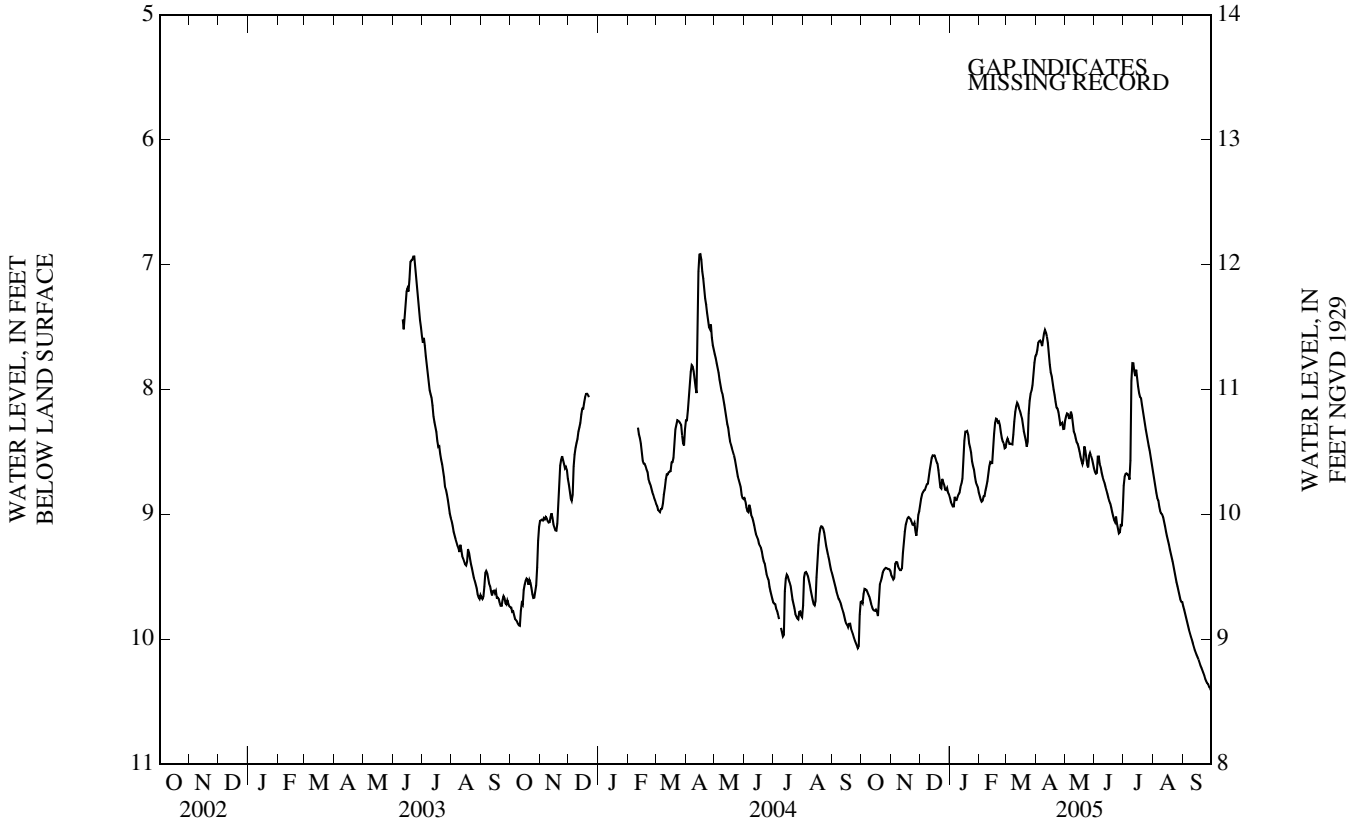
PERIOD OF RECORD.--June 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 6.91 ft below land surface, June 23, 2003, Apr 15-16, 2004; lowest, 10.42 ft below land surface, Sept. 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	9.60	9.40	8.81	8.94	8.86	8.43	7.61	8.23	8.54	8.68	8.87	9.86
10	9.69	9.45	8.70	8.84	8.67	8.18	7.52	8.34	8.72	7.79	9.00	10.00
15	9.77	9.14	8.53	8.56	8.47	8.17	7.80	8.46	8.87	7.91	9.17	10.13
20	9.56	9.03	8.65	8.36	8.26	8.37	8.04	8.57	9.02	8.12	9.35	10.23
25	9.44	9.07	8.74	8.61	8.42	8.09	8.23	8.62	9.12	8.36	9.54	10.34
EOM	9.45	8.97	8.84	8.82	8.46	7.73	8.32	8.63	8.97	8.63	9.70	10.41
MEAN	9.61	9.23	8.72	8.69	8.55	8.22	7.88	8.43	8.87	8.30	9.22	10.12
MAX	9.81	9.52	8.92	8.94	8.90	8.46	8.32	8.63	9.15	8.77	9.70	10.41
MIN	9.43	8.97	8.53	8.33	8.23	7.73	7.52	8.18	8.54	7.79	8.68	9.74

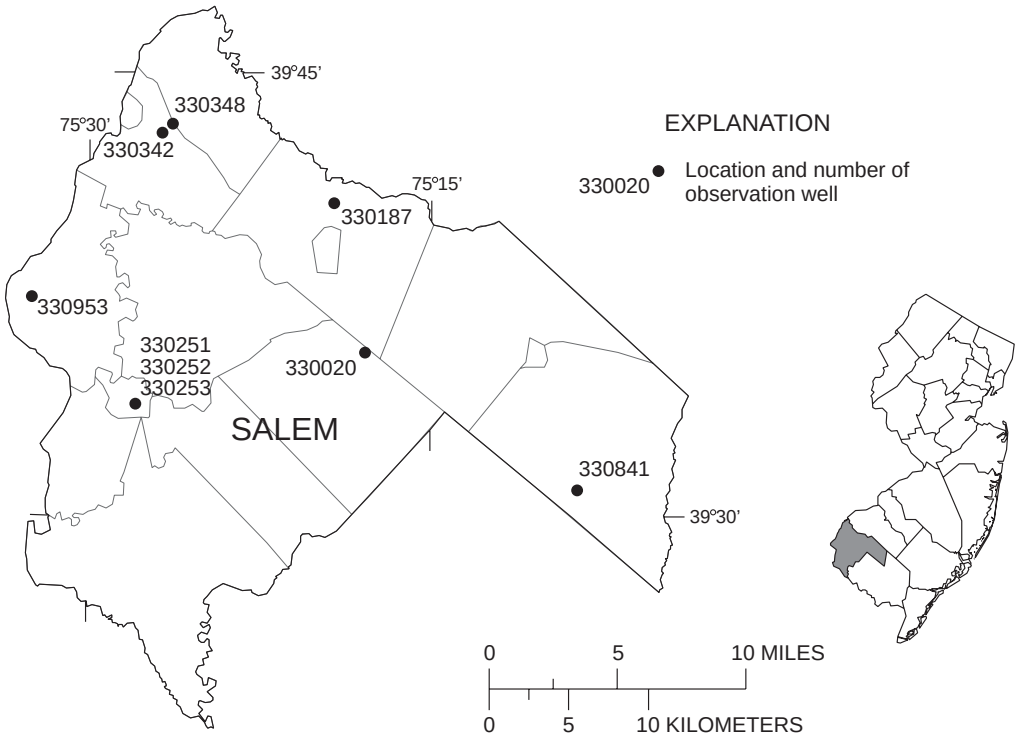
WTR YR 2005 MEAN 8.82 HIGH 7.52 APR 10 LOW 10.41 SEP 30



SALEM COUNTY

NJ-WRD well number	Local identifier	Township	Well depth	Aquifer	Type of data
330020	HORNER OBS	ALLOWAY TWP	283	MLRW	MANUAL
330187	POINT AIRY OBS	PILESGROVE TWP	672	MRPAL	DAILY
330251	SALEM 1 OBS	SALEM CITY	709	MRPAM	DAILY
330252	SALEM 2 OBS	SALEM CITY	96	MLRW	MANUAL
330253	SALEM 3 OBS	SALEM CITY	340	MRPAU	MANUAL
330342	PENNS GROVE 24	CARNEY POINT TWP	51	MRPAU	DAILY
330348	PENNS GROVE 14 OBS	CARNEYS POINT TWP	18	MRPAU	MANUAL
330841	PARVIN SP 1 OBS (OW A)	PITTSGROVE TWP	1025	MRPAU	DAILY
330953	ELW-2 KILLCOHOOK	PENNSVILLE TWP	114	MRPAU	DAILY

Aquifer names
- MLRW - Wenonah-Mount Laurel aquifer
- MRPAL - Lower Potomac-Raritan-Magothy aquifer
- MRPAM - Middle Potomac-Raritan-Magothy aquifer
- MRPAU - Upper Potomac-Raritan-Magothy aquifer



33-0020 Horner Obs

NJ-WRD Well Number, 33-0020. Site I.D., 393534075175201. Local I.D., Horner Obs.

LOCATION.--Lat 39°35'34", long 75°17'51", Hydrologic Unit 02040206, near the intersection of Rt. 581 (Commissioners Pike) and Rt. 672 (Yorketown Rd), Alloway Township.

AQUIFER.--Wenonah-Mount Laurel aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, depth 283 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape.

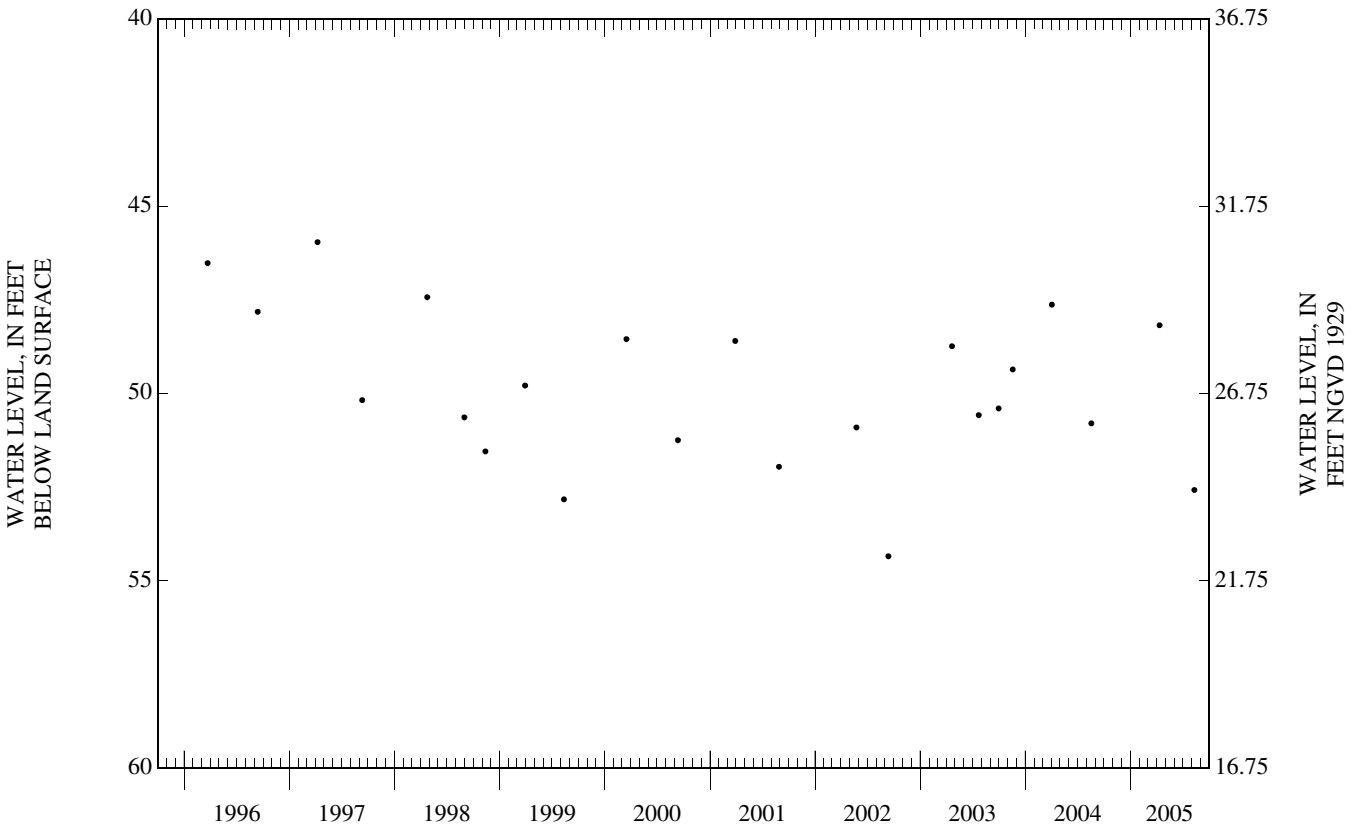
DATUM.--Land surface is 76.75 ft above NGVD of 1929. Measuring point: Top of base of aluminum locking cap, 1.81 ft above land surface.

PERIOD OF RECORD.--June 1959 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 38.32 ft below land surface, Apr. 25, 1961; lowest, 54.34 ft below land surface, Sept. 12, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 11	48.17	AUG 10	52.57



33-0187 Point Airy Obs

NJ-WRD Well Number, 33-0187. Site I.D., 394037075191501. Local I.D., Point Airy Obs.

LOCATION.--Lat 39°40'37", long 75°19'13", Hydrologic Unit 02040206, near the intersection of Point Airy Rd. and Woodstown-Swedesboro Rd., 1 mi north of Woodstown Borough boundary, Pilesgrove Township.

AQUIFER.--Lower Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 672 ft, screened 664 to 672 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements, Aug. 1975 to Mar. 1977. Water-level recorder, Feb. 1959 to Aug. 1975.

DATUM.--Land surface is 72.97 ft above NGVD of 1929. Measuring point: Top of casing, 1.81 ft above land surface.

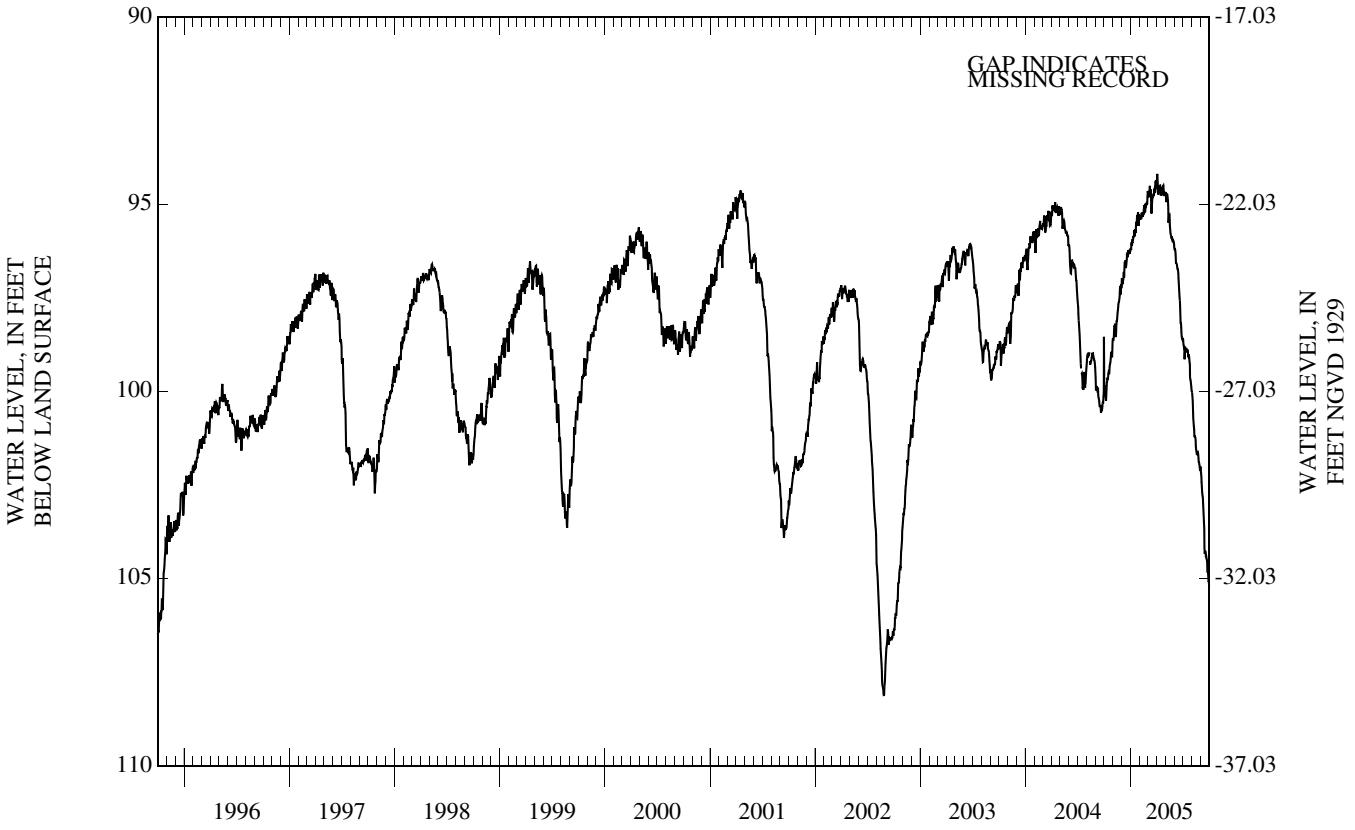
PERIOD OF RECORD.--Feb. 1959 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 78.55 ft below land surface, Mar. 6, 1959; lowest, 108.12 ft below land surface, Aug. 27-28, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	99.89	98.24	97.05	96.10	95.35	94.77	94.50	94.95	96.29	98.82	100.40	102.58
10	99.77	98.55	96.70	95.84	95.31	94.71	94.52	94.90	96.61	98.86	101.20	103.16
15	99.55	98.02	96.70	95.85	95.14	95.06	94.77	95.28	96.86	98.91	101.44	104.33
20	99.32	97.63	96.35	95.47	95.19	94.73	94.71	95.81	97.56	99.08	101.68	104.40
25	98.97	97.18	96.32	95.29	94.97	94.64	94.60	95.96	98.28	99.28	101.88	104.84
EOM	98.59	97.20	96.20	95.36	94.79	94.60	94.70	96.05	98.60	99.95	102.00	105.19
MEAN	99.49	97.91	96.58	95.71	95.18	94.73	94.58	95.43	97.22	99.09	101.31	103.83
MAX	100.24	98.65	97.13	96.22	95.42	95.25	94.78	96.05	98.61	99.95	102.09	105.19
MIN	98.59	97.14	96.19	95.21	94.79	94.39	94.19	94.67	96.14	98.57	99.99	102.12

WTR YR 2005 MEAN 97.60 HIGH 94.19 APR 3 LOW 105.19 SEP 30



33-0251 Salem 1 Obs

NJ-WRD Well Number, 33-0251. Site I.D., 393348075275701. Local I.D., Salem 1 Obs.

LOCATION.--Lat 39°33'48", long 75°27'54", Hydrologic Unit 02040206, about 300 ft south of the intersection of Elm and Magnolia Streets, Salem City.

AQUIFER.--Middle Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 709 ft, screened 699 to 709 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval. Water-level extremes recorder, May 1977 to Mar. 2005. Periodic measurements, Oct. 1976 to May 1977. No record, Aug. 1975 to Oct. 1976. Water-level recorder, Oct. 1972 to Aug. 1975. No record, July 1970 to Oct. 1972. Water-level recorder, Nov. 1965 to July 1970.

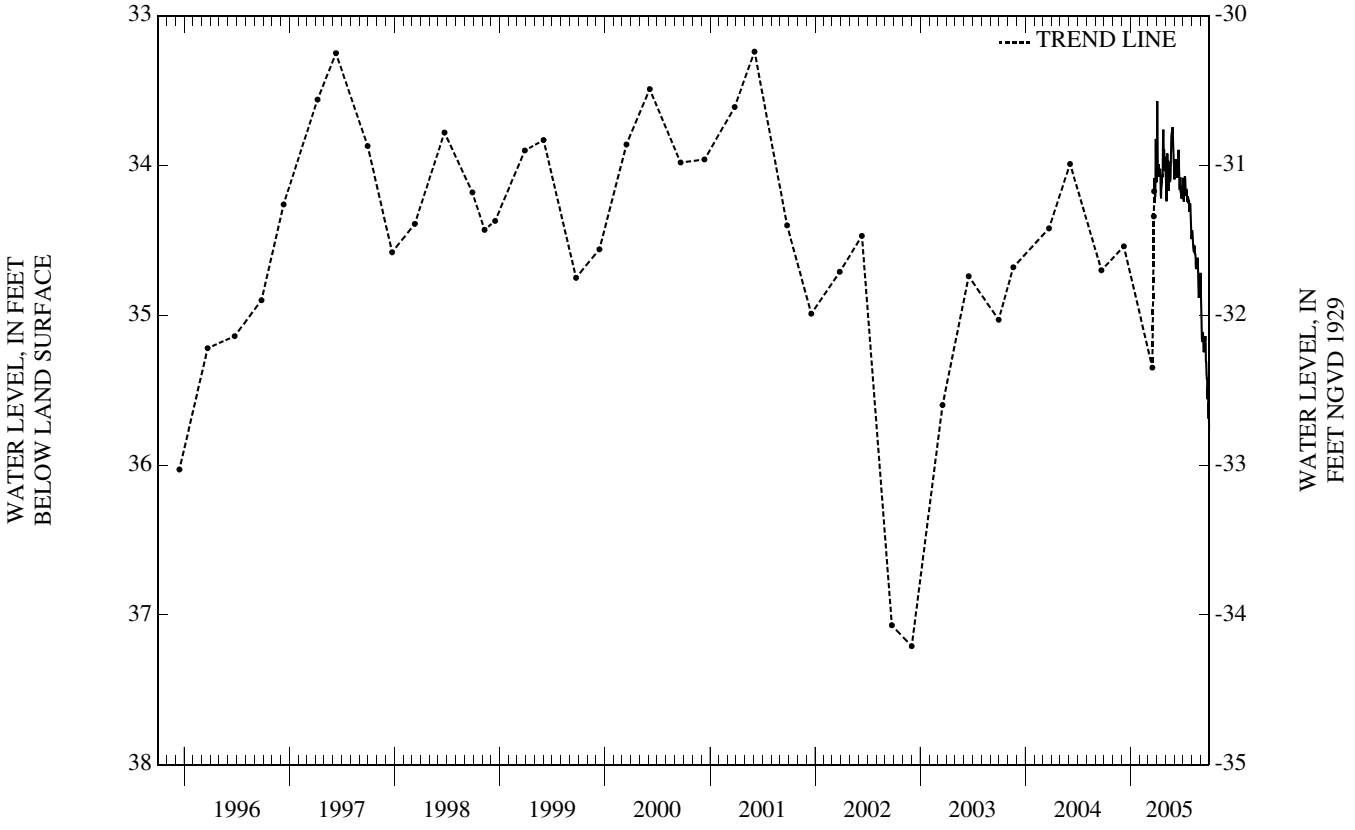
DATUM.--Land surface is 3.00 ft above NGVD of 1929. Measuring point: Front edge of cutout in recorder housing, 2.87 ft above land surface.

PERIOD OF RECORD.--Nov. 1965 to July 1970, Oct. 1972 to Aug. 1975, Oct. 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 14.97 ft below land surface, Dec. 13, 1965; lowest, 37.68 ft below land surface, between Sept. 24 and Dec. 2, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	34.06	34.24	33.99	34.19	34.50	35.15
10	---	---	---	---	---	---	34.06	33.99	34.06	34.16	34.54	35.19
15	---	---	---	---	---	---	34.19	33.98	33.94	34.20	34.67	35.16
20	---	---	---	---	---	---	34.06	33.94	34.16	34.25	34.65	35.31
25	---	---	---	---	---	---	34.14	33.86	33.79	34.18	34.26	34.88	35.56
EOM	---	---	---	---	---	---	34.11	33.95	34.01	34.13	34.49	34.72	35.76
MEAN	---	---	---	---	---	---	---	34.01	33.98	34.07	34.23	34.65	35.28
MAX	---	---	---	---	---	---	---	34.22	34.24	34.22	34.49	34.88	35.76
MIN	---	---	---	---	---	---	---	33.57	33.74	33.90	34.07	34.43	34.86



33-0252 Salem 2 Obs

NJ-WRD Well Number, 33-0252. Site I.D., 393348075275702. Local I.D., Salem 2 Obs.

LOCATION.--Lat 39°33'48", long 75°27'54", Hydrologic Unit 02040206, about 300 ft south of the intersection of Elm and Magnolia Streets, Salem City.

AQUIFER.--Wenonah-Mount Laurel aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4 in., depth 96 ft, screened 91 to 96 ft.

INSTRUMENTATION.--Water-level extremes recorder. Periodic measurements, Aug. 1975 to May 1977. Water-level recorder, Nov. 1965 to Aug. 1975.

DATUM.--Land surface is 3.25 ft above NGVD of 1929. Measuring point: Top of casing, 2.10 ft above land surface.

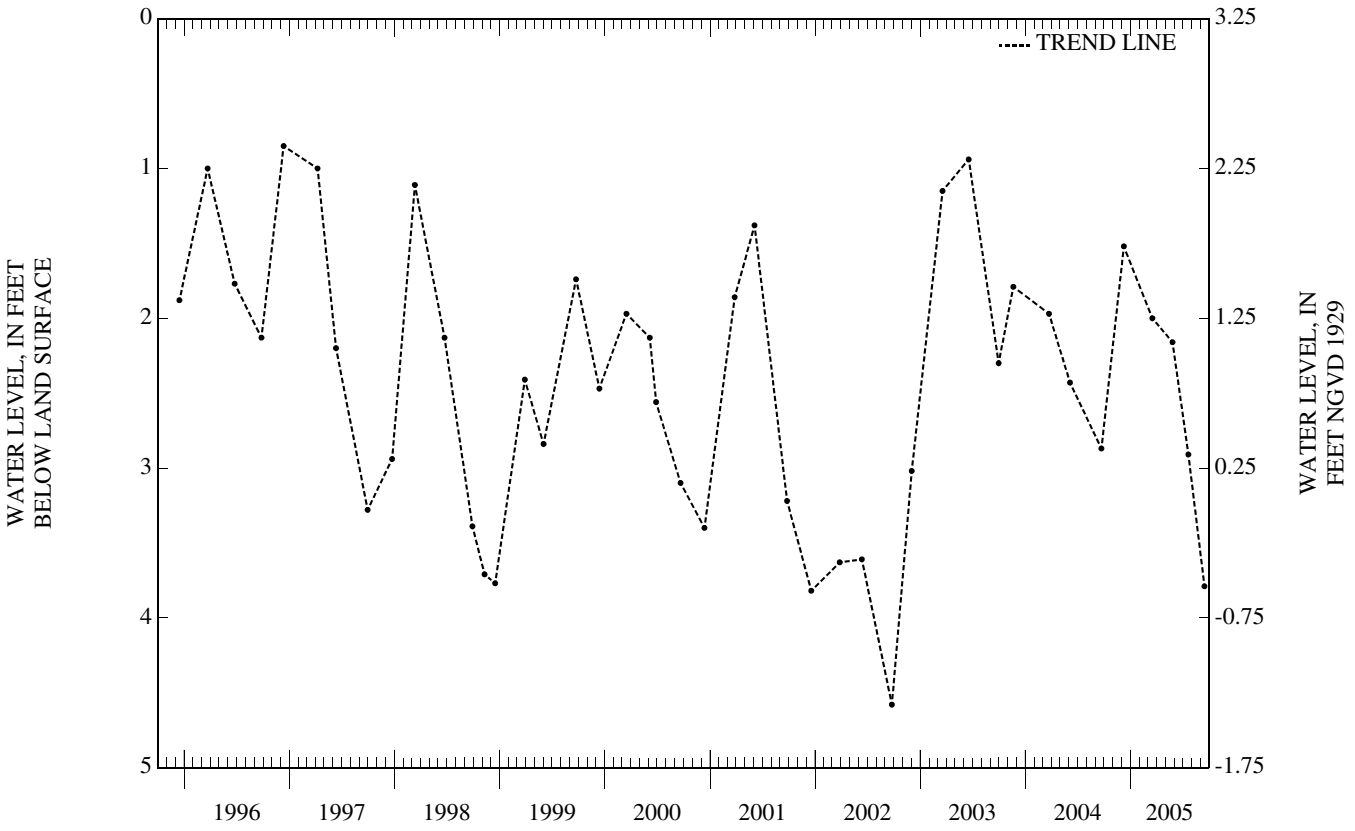
PERIOD OF RECORD.--Nov. 1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 0.86 ft above land surface, between Dec. 11, 1996 and Apr. 8, 1997; lowest, 6.45 ft below land surface, Sept. 9, 1966.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 08	1.52	MAR 17	2.00	MAY 26	2.16	JUL 20	2.91	SEP 14	3.79

WATER YEAR 2005 HIGHEST 1.52 DEC 08, 2004 LOWEST 3.79 SEP 14, 2005



33-0253 Salem 3 Obs

NJ-WRD Well Number, 33-0253. Site I.D., 393348075275703. Local I.D., Salem 3 Obs.

LOCATION.--Lat 39°33'48", long 75°27'54", Hydrologic Unit 02040206, about 300 ft south of the intersection of Elm and Magnolia Streets, Salem City.

AQUIFER.--Upper Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., depth 340 ft, screened 335 to 340 ft.

INSTRUMENTATION.--Periodic measurements with chalked steel tape. Water-level extremes recorder May 1977 to Mar. 2005. Periodic measurements, Aug. 1975 to May 1977. Water-level recorder, Nov. 1965 to Aug. 1975.

DATUM.--Land surface is 3.00 ft above NGVD of 1929. Measuring point: Top of shelf, 2.12 ft above land surface.

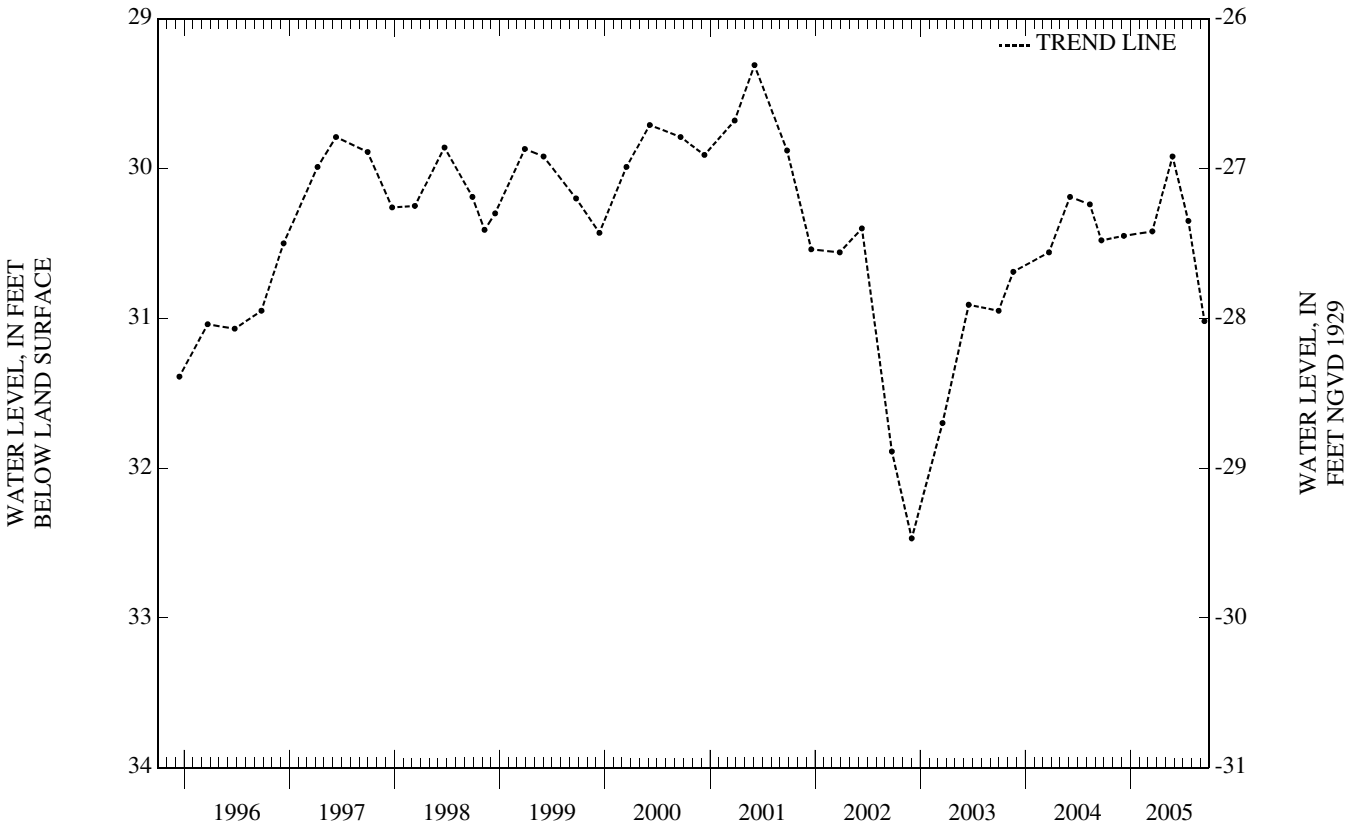
PERIOD OF RECORD.--Nov. 1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 12.28 ft below land surface, Feb. 13, 1966; lowest, 32.67 ft below land surface, between Dec. 2, 2002 and Mar. 19, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 08	30.45	MAR 17	30.42	MAY 26	29.92	JUL 20	30.35	SEP 14	31.02

WATER YEAR 2005 HIGHEST 29.92 MAY 26, 2005 LOWEST 31.02 SEP 14, 2005



33-0342 Penns Grove 24

NJ-WRD Well Number 33-0342. Site I.D., 394236075272101. Local I.D., Penns Grove 24.

LOCATION.--Lat 39°42'36", long 75°27'24", Hydrologic Unit 02040206, Golfview-Pedricktown Rd, Carneys Point Township.

AQUIFER.--Upper Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.-- Drilled observation well, diameter 6 in., depth 51 ft, screened 46 to 51 ft.

INSTRUMENTATION.--Data collection platform with satellite telemetry--60-minute recording interval. Periodic measurements, Jan. 1942 to Oct. 1975, March 1977, Nov. 1988, Nov. 1993, Apr. 1995, Nov. 1998, Nov. 2003, Nov. 2005.

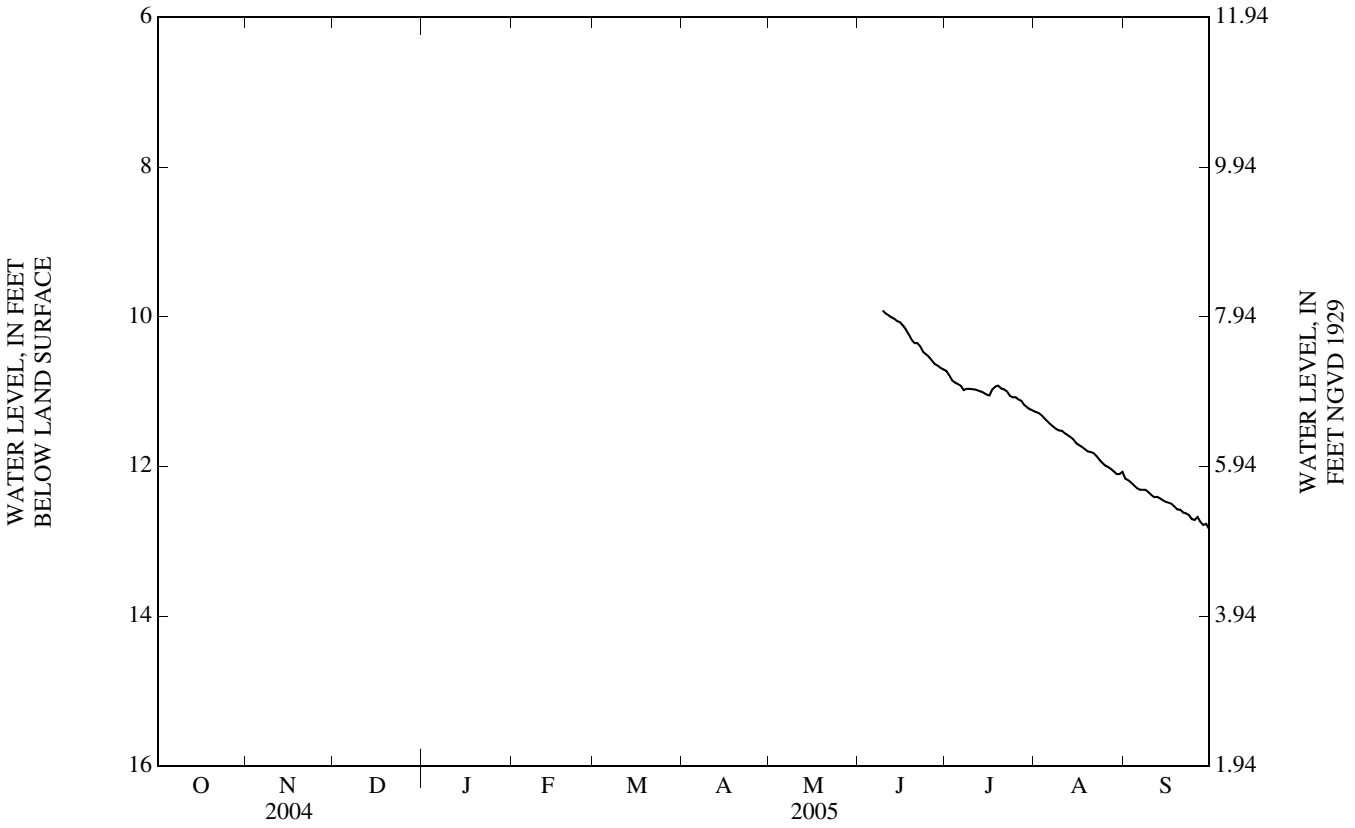
DATUM.-- Land surface is 17.94 ft above NGVD of 1929. Measuring point: Top of casing, 1.70 ft above land surface.

PERIOD OF RECORD.--Jan. 1942 to Oct. 1975, March 1977, Nov. 1988, Nov. 1993, Apr. 1995, Nov. 1998, Nov. 2003, Nov. 2005. June 2005 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 9.37 ft below land surface, Nov. 21, 2003; lowest, 26.50 ft below land surface, Mar. 7, 1969.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	---	---	---	10.90	11.39	12.29
10	---	---	---	---	---	---	---	---	9.95	10.97	11.52	12.38
15	---	---	---	---	---	---	---	---	10.07	11.04	11.69	12.47
20	---	---	---	---	---	---	---	---	10.35	10.96	11.80	12.57
25	---	---	---	---	---	---	---	---	10.53	11.07	11.98	12.71
EOM	---	---	---	---	---	---	---	---	10.70	11.25	12.07	12.83
MEAN	---	---	---	---	---	---	---	---	---	11.00	11.70	12.49
MAX	---	---	---	---	---	---	---	---	---	11.25	12.10	12.83
MIN	---	---	---	---	---	---	---	---	---	10.72	11.27	12.16



33-0348 Penns Grove 14 Obs

NJ-WRD Well Number, 33-0348. Site I.D., 394317075261901. Local I.D., Penns Grove 14 Obs.

LOCATION.--Lat 39°43'17", long 75°26'18", Hydrologic Unit 02040206, about 110 ft south of the intersection of Pedricktown Rd. and Penns Grove-Auburn Rd., Carneys Point Township.

AQUIFER.--Upper Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Driven water-table observation well, diameter 1.25 in., depth 18 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape.

DATUM.--Land surface is 25.40 ft above NGVD of 1929. Measuring point: Top of casing, 0.20 ft above land surface.

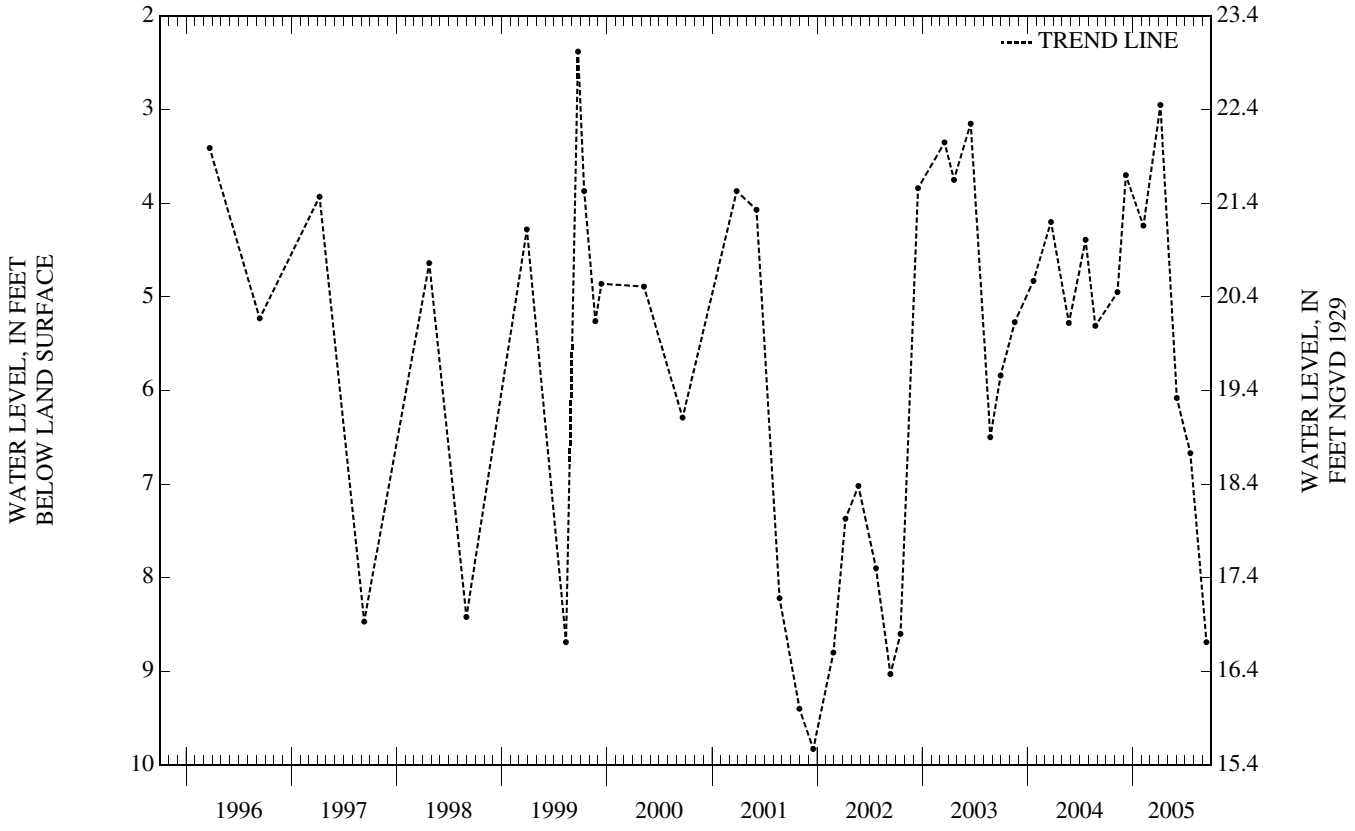
PERIOD OF RECORD.--June 1959 to Mar. 1975, Feb. 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.00 ft below land surface, Feb. 23, 1961; lowest, 9.83 ft below land surface, Dec. 18, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 09	4.95	FEB 07	4.24	JUN 03	6.08	SEP 14	8.69
DEC 08	3.70	APR 07	2.95	JUL 20	6.67		

WATER YEAR 2005 HIGHEST 2.95 APR 07, 2005 LOWEST 8.69 SEP 14, 2005



33-0841 Parvin SP 1 Obs

NJ-WRD Well Number 33-0841. Site I.D., 393055075083501. Local I.D., Parvin SP 1 Obs (OW A). NJ Permit Number, 35-17766.

LOCATION.--Lat 39°30'55", long 75°08'34", Hydrologic Unit 02040206, Parvin State Park, Almond Rd (Rt. 540), Pittsgrove Township.

AQUIFER.--Upper Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.-- Drilled artesian observation well, diameter 4 in., depth 1,025 ft, screened 1,005 to 1,025 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval.

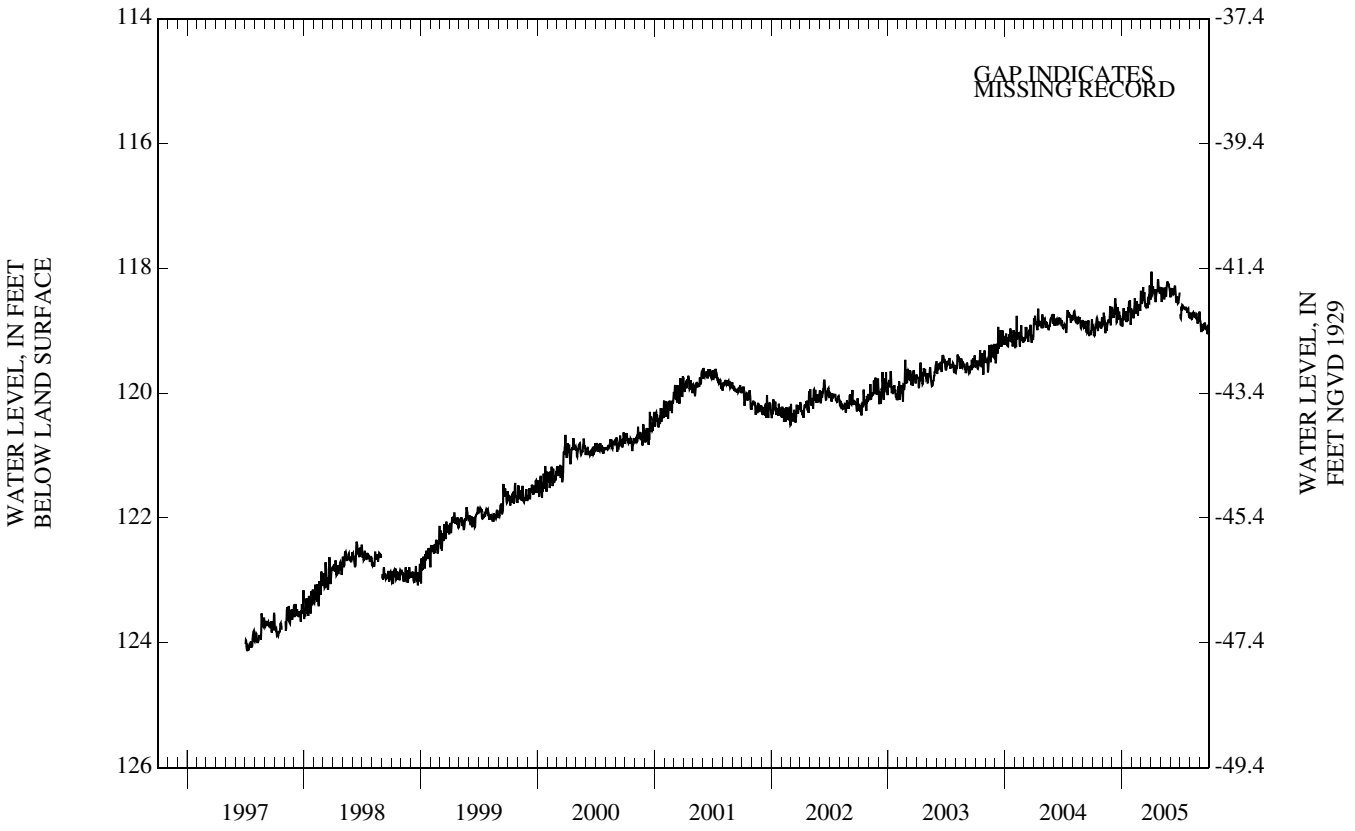
DATUM.-- Land surface is 76.6 ft above NGVD of 1929. Measuring point: Top of shelf, 3.20 ft above land surface.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 118.00 ft below land surface, Apr. 3, 2005; lowest, 124.14 ft below land surface, July 6-8, 1997.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	119.00	118.71	118.76	118.75	118.74	118.55	118.41	118.54	118.34	118.72	118.77	119.00
10	118.94	119.04	118.53	118.75	118.48	118.50	118.36	118.40	118.42	118.63	118.72	118.96
15	118.79	118.96	118.87	118.86	118.63	118.61	118.49	118.31	118.29	118.64	118.77	118.89
20	118.86	118.84	118.70	118.62	118.76	118.58	118.34	118.33	118.55	118.66	118.77	118.95
25	118.88	118.61	118.80	118.58	118.62	118.52	118.26	118.26	118.55	118.65	118.89	119.04
EOM	118.79	118.80	118.86	118.72	118.49	118.50	118.33	118.38	118.39	118.79	118.69	119.04
MEAN	118.92	118.85	118.74	118.74	118.65	118.50	118.35	118.35	118.42	---	118.77	118.94
MAX	119.08	119.04	118.91	118.93	118.80	118.64	118.54	118.54	118.56	---	118.89	119.04
MIN	118.79	118.61	118.48	118.51	118.48	118.27	118.05	118.21	118.29	---	118.69	118.79



33-0953 ELW-2 Killcohook

NJ-WRD Well Number, 33-0953. Site I.D., 393725075322501. Local I.D., ELW-2 Killcohook. NJ Permit Number 30-13726.

LOCATION.--Lat 39°37'25", long 75°32'25", Hydrologic Unit 02040206, Lehigh Rd, Pennsville Township.

AQUIFER.--Upper Potomac-Raritan-Magothy aquifer of Cretaceous age.

WELL CHARACTERISTICS.-- Drilled artesian observation well, diameter 4 in., depth 114 ft, screened 109 to 114 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60 minute recording interval.

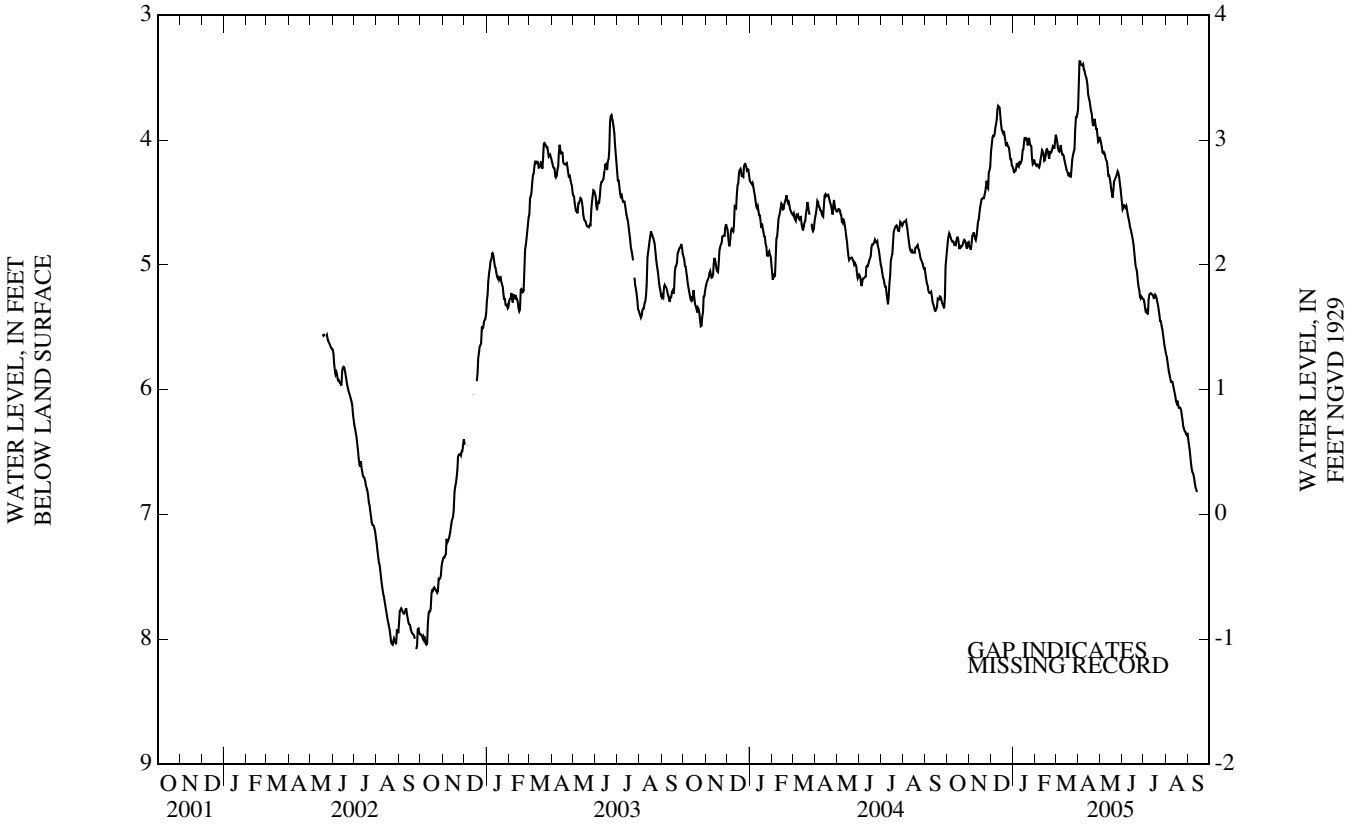
DATUM.-- Land surface is 7.0 ft above NGVD of 1929. Measuring point: Top of protective casing, 2.23 ft above land surface.

PERIOD OF RECORD.--May 2002 to Sept. 2005 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 3.35 ft below land surface, April 3-4, 2005; lowest, 8.08 ft below land surface, Sept. 25-26, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

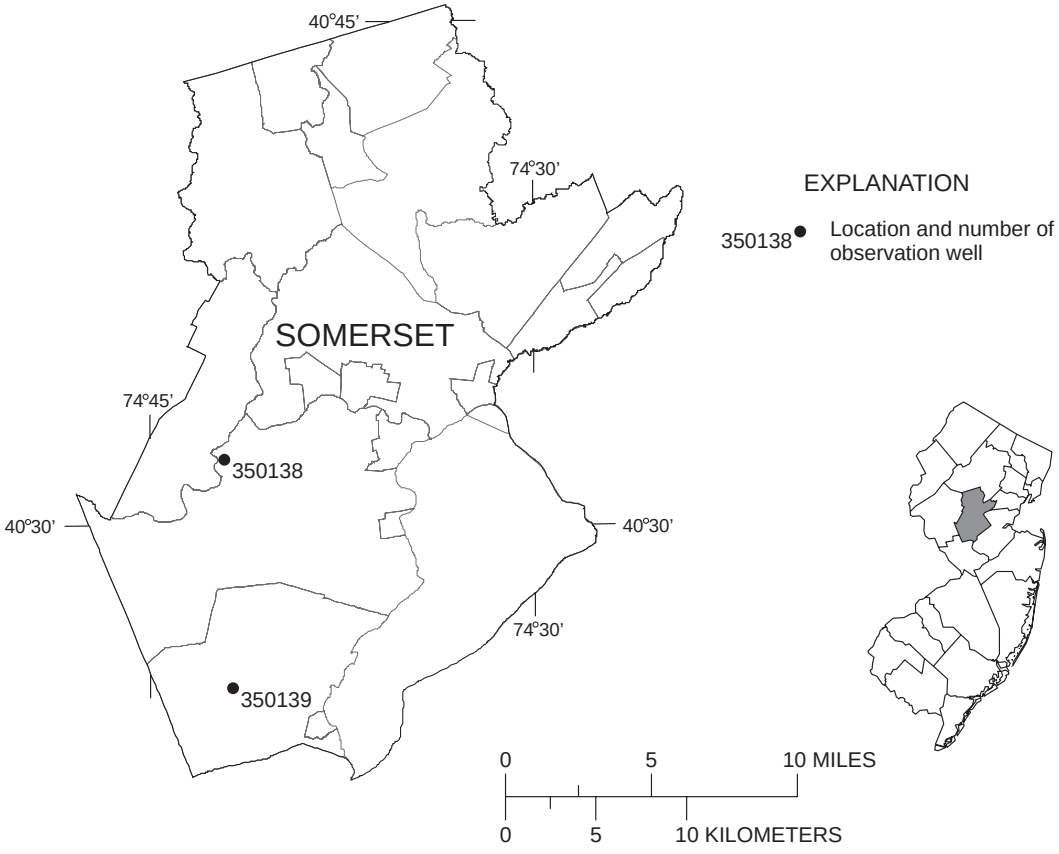
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.76	4.77	3.97	4.23	4.21	4.08	3.40	4.10	4.54	5.38	5.85	6.60
10	4.81	4.80	3.76	4.18	4.08	4.11	3.44	4.16	4.62	5.23	5.94	6.74
15	4.78	4.59	3.88	4.08	4.12	4.21	3.63	4.30	4.77	5.26	6.09	---
20	4.86	4.46	3.97	3.99	4.15	4.27	3.79	4.40	5.01	5.29	6.14	---
25	4.80	4.33	4.05	4.04	4.05	4.12	3.87	4.27	5.21	5.45	6.29	---
EOM	4.82	4.21	4.21	4.19	4.01	3.79	4.00	4.45	5.27	5.68	6.35	---
MEAN	4.82	4.58	3.97	4.12	4.12	4.10	3.66	4.24	4.85	5.36	6.07	---
MAX	4.88	4.88	4.21	4.26	4.22	4.30	4.01	4.46	5.27	5.68	6.36	---
MIN	4.75	4.21	3.73	3.98	4.01	3.79	3.37	3.97	4.51	5.23	5.71	---



SOMERSET COUNTY

NJ-WRD well number	Local identifier	Township	Well depth	Aquifer	Type of data
350138	MW 110	HILLSBOROUGH TWP	36	PSSC	DAILY
350139	MW 109	MONTGOMERY TWP	40	PSSC	DAILY

Aquifer names
PSSC - Passaic Formation



35-0138 MW 110

NJ-WRD Well Number, 35-0138. Site I.D., 403200074420601. Local I.D., MW 110. NJ Permit Number, 25-60350.

LOCATION.--Lat 40°32'00", long 74°42'06", Hydrologic Unit 02030105, near the edge of River Rd, South Branch, Hillsborough Township.

AQUIFER.--Passaic Formation of Triassic-Jurasic age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 2 in., depth 36 ft, screened 31 to 36 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60-minute recording interval.

DATUM.--Land surface is 60 ft above NGVD of 1929, from topographic map. Measuring point: Top of protective casing, 2.22 ft above land surface.

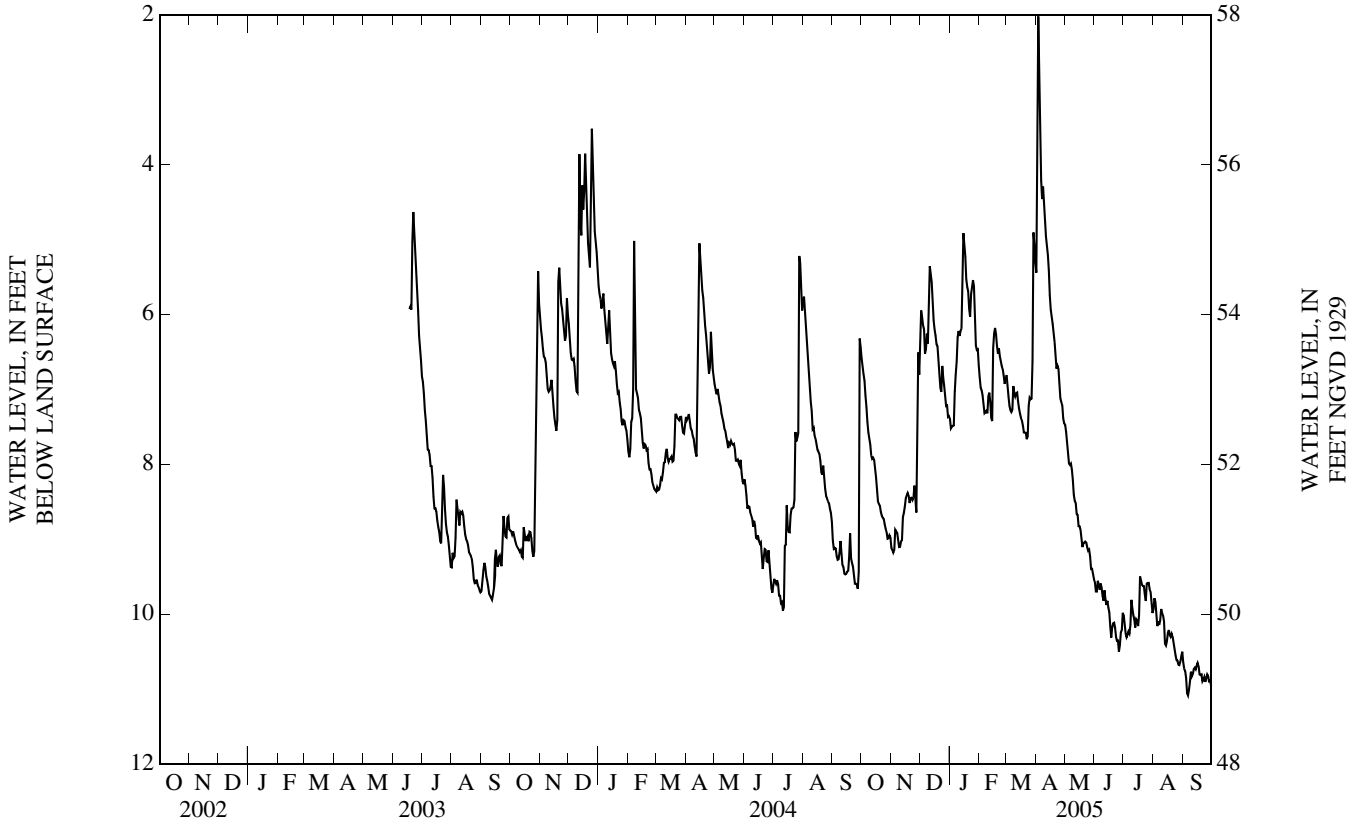
PERIOD OF RECORD.--June 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.89 ft below land surface, Apr. 3, 2005; lowest, 11.23 ft below land surface, Sept. 5, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.08	8.87	6.20	7.48	7.21	7.27	3.79	7.99	9.60	10.28	10.16	11.05
10	7.74	9.10	5.81	6.22	7.09	7.10	4.75	8.41	9.82	9.92	9.98	10.83
15	8.06	8.56	6.08	4.91	6.45	7.33	5.74	8.82	9.91	10.09	10.36	10.69
20	8.55	8.52	6.60	5.69	6.52	7.57	6.37	9.05	10.12	9.61	10.26	10.81
25	8.80	8.28	6.84	5.54	6.73	7.11	6.92	9.16	10.35	9.59	10.61	10.85
EOM	8.97	6.80	7.36	6.68	6.87	5.31	7.45	9.53	9.98	9.99	10.50	10.96
MEAN	8.09	8.56	6.44	6.23	6.86	7.02	5.60	8.67	9.97	9.92	10.28	10.83
MAX	8.99	9.18	7.37	7.52	7.42	7.66	7.45	9.53	10.50	10.31	10.68	11.09
MIN	6.59	6.51	5.35	4.91	6.18	4.90	2.02	7.47	9.56	9.49	9.79	10.64

WTR YR 2005 MEAN 8.21 HIGH 2.02 APR 3 LOW 11.09 SEP 6



35-0139 MW 109

NJ-WRD Well Number, 35-0139. Site I.D., 402512074414301. Local I.D., MW 109. NJ Permit Number, 28-50831.

LOCATION.--Lat 40°25'12", long 74°41'42", Hydrologic Unit 02030105, near the intersection of Blawenburg Bell Mead Rd and Skillman Rd, Montgomery Township.

AQUIFER.--Passaic Formation of Triassic-Jurasic age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 2 in., depth 40 ft, screened 20 to 40 ft.

INSTRUMENTATION.--Submersible logger pressure transducer--60-minute recording interval.

DATUM.--Land surface is 110 ft above NGVD of 1929, from topographic map. Measuring point: Top of protective casing, 2.05 ft above land surface.

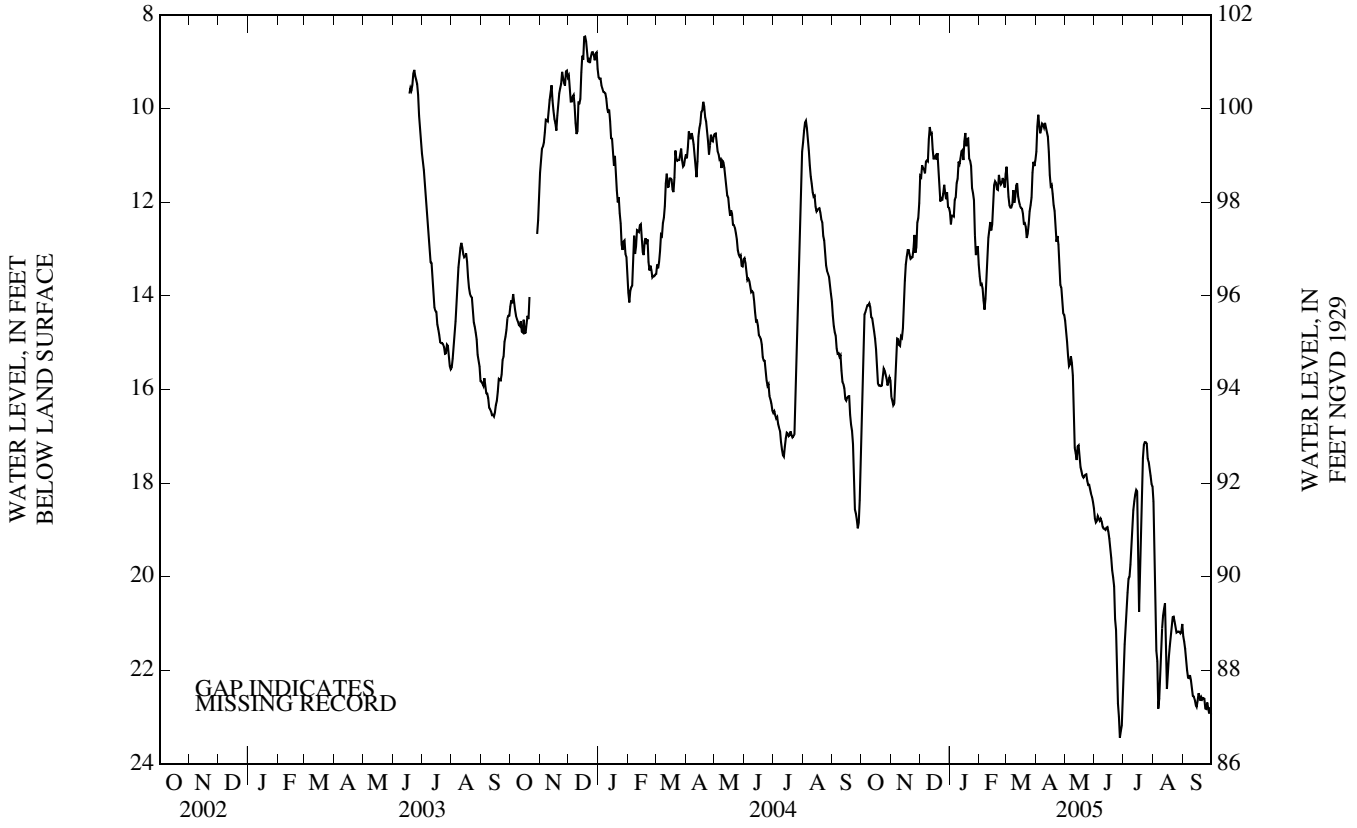
PERIOD OF RECORD.--June 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 8.32 ft below land surface, Dec. 17, 2003; lowest, 23.45 ft below land surface, June 27, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	14.35	15.82	11.30	12.30	14.10	12.11	10.53	15.50	18.76	20.34	21.80	22.00
10	14.24	15.07	10.65	11.13	12.76	11.89	10.30	16.50	18.97	18.87	21.11	22.38
15	14.92	13.68	11.08	11.10	12.08	12.07	11.42	17.20	19.04	18.18	22.40	22.78
20	15.91	13.13	11.32	10.64	11.74	12.45	12.19	17.88	20.02	17.93	21.07	22.58
25	15.59	12.70	11.81	11.81	11.48	12.20	13.33	18.04	22.71	17.16	21.20	22.83
EOM	15.80	12.02	12.12	13.34	11.40	11.10	14.40	18.54	22.54	18.07	21.01	22.94
MEAN	15.21	14.08	11.34	11.68	12.49	11.96	11.74	17.02	20.12	18.84	21.21	22.43
MAX	16.32	16.34	12.12	13.34	14.29	12.76	14.40	18.54	23.44	21.89	22.82	22.94
MIN	14.16	12.02	10.39	10.52	11.40	11.10	10.13	14.54	18.70	17.13	18.40	21.27

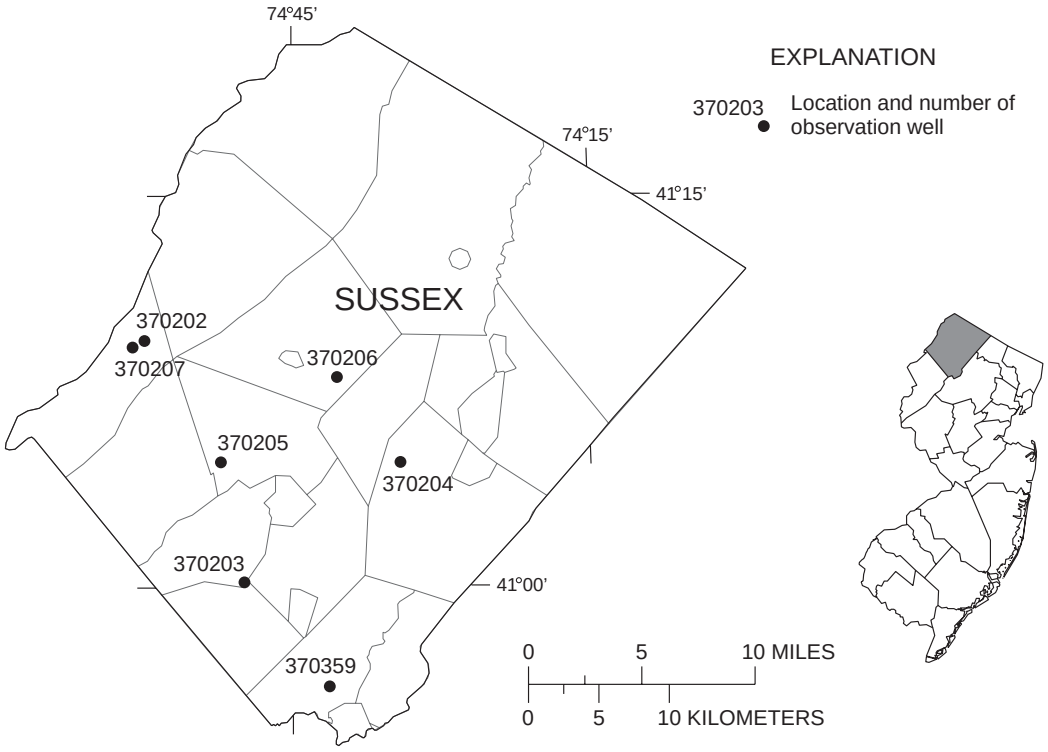
WTR YR 2005 MEAN 15.69 HIGH 10.13 APR 3 LOW 23.44 JUN 27



SUSSEX COUNTY

NJ-WRD well number	Local identifier	Township	Well depth	Aquifer	Type of data
370202	TAYLOR OBS	WALPACK TWP	95	BDVL	DAILY
370203	WHITTINGHAM 19 OBS	FREDON TWP	500	ALNN	DAILY
370204	SPARTA TWP 6 OBS	SPARTA TWP	143	SFDF	DAILY
370205	SWARTSWOOD PARK 5 OBS	HAMPTON TWP	148	ALNN	DAILY
370206	FAIRGROUNDS 7 OBS	FRANKFORD TWP	80	SFDF	DAILY
370207	WALPACK TWP 4 OBS	WALPACK TWP	55	SFDF	DAILY
370359	PW-1 OBS	BYRAM TWP	100	PCMB	DAILY

Aquifer names
- ALNN - Allentown Dolomite
- BDVL - Bossardville Limestone
- PCMB - Precambrian Erathem
- SFDF - Stratified drift



37-0202 Taylor Obs

NJ-WRD Well Number, 37-0202. Site I.D., 410914074540401. Local I.D., Taylor Obs.

LOCATION.--Lat 41°09'14", long 74°53'03", Hydrologic Unit 02040104, near Wallpack Center, Delaware Water Gap National Recreation Area, Walpack Township.

AQUIFER.--Bossardville Limestone of Silurian age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 95 ft, open hole 42 to 95 ft.

INSTRUMENTATION.--Data collection platform with satellite telemetry--60 minute recording interval. Water-level recorder, June 1988 to May 2001.

DATUM.--Land surface is 480 ft above NGVD of 1929, from topographic map. Measuring point: Top of casing, 2.73 ft above land surface.

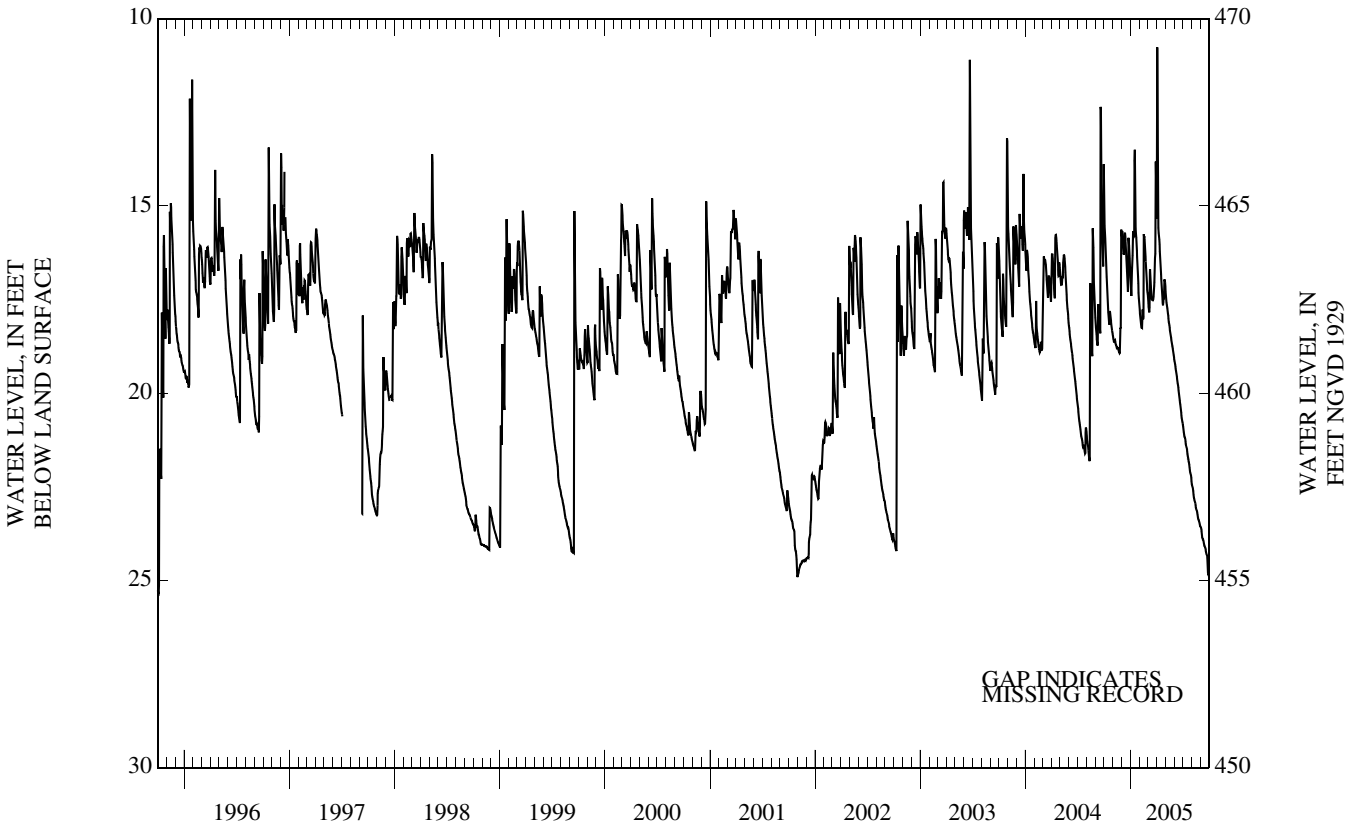
PERIOD OF RECORD.--June 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 9.19 ft below land surface, Apr. 2, 2005; lowest, 25.36 ft below land surface, Oct. 3-5, 1995.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	16.07	18.60	16.00	16.74	18.14	17.78	14.33	17.59	19.30	21.10	22.56	23.78
10	17.09	18.70	16.05	15.71	17.96	16.85	15.89	17.88	19.56	21.29	22.85	23.92
15	17.84	18.80	16.13	13.50	15.75	17.49	16.69	18.19	19.85	21.50	23.05	24.10
20	17.81	18.86	16.89	15.84	16.21	17.50	17.37	18.49	20.20	21.77	23.20	24.27
25	18.14	18.51	15.93	16.73	16.95	16.70	17.44	18.73	20.52	22.06	23.40	24.61
EOM	18.47	15.80	16.90	17.68	17.31	14.90	17.04	19.04	20.80	22.35	23.56	24.86
MEAN	17.41	18.42	16.27	16.23	17.24	16.92	16.19	18.21	19.92	21.59	23.04	24.17
MAX	18.47	18.93	17.30	17.68	18.25	17.84	17.66	19.04	20.80	22.35	23.56	24.86
MIN	15.09	15.63	15.67	13.50	15.75	13.82	10.77	17.15	19.10	20.84	22.43	23.58

WTR YR 2005 MEAN 18.81 HIGH 10.77 APR 3 LOW 24.86 SEP 28



37-0203 Whittingham 19 Obs

NJ-WRD Well Number, 37-0203. Site I.D., 410005074473801. Local I.D., Whittingham 19 Obs. NJ Permit Number, 21-07796-1.

LOCATION.--Lat 41°00'13", long 74°47'25", Hydrologic Unit 02040105, in Whittingham Wildlife Refuge, County Rt. 611 (Springdale-Grendell Rd.), Fredon Township.

AQUIFER.--Allentown Dolomite of Cambrian-Ordovician age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 500 ft, open hole 50 to 500 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements, Apr. 1991 to July 1992.

DATUM.--Land surface is 648.5 ft above NGVD of 1929. Measuring point: Top of shelf, 2.30 ft above land surface.

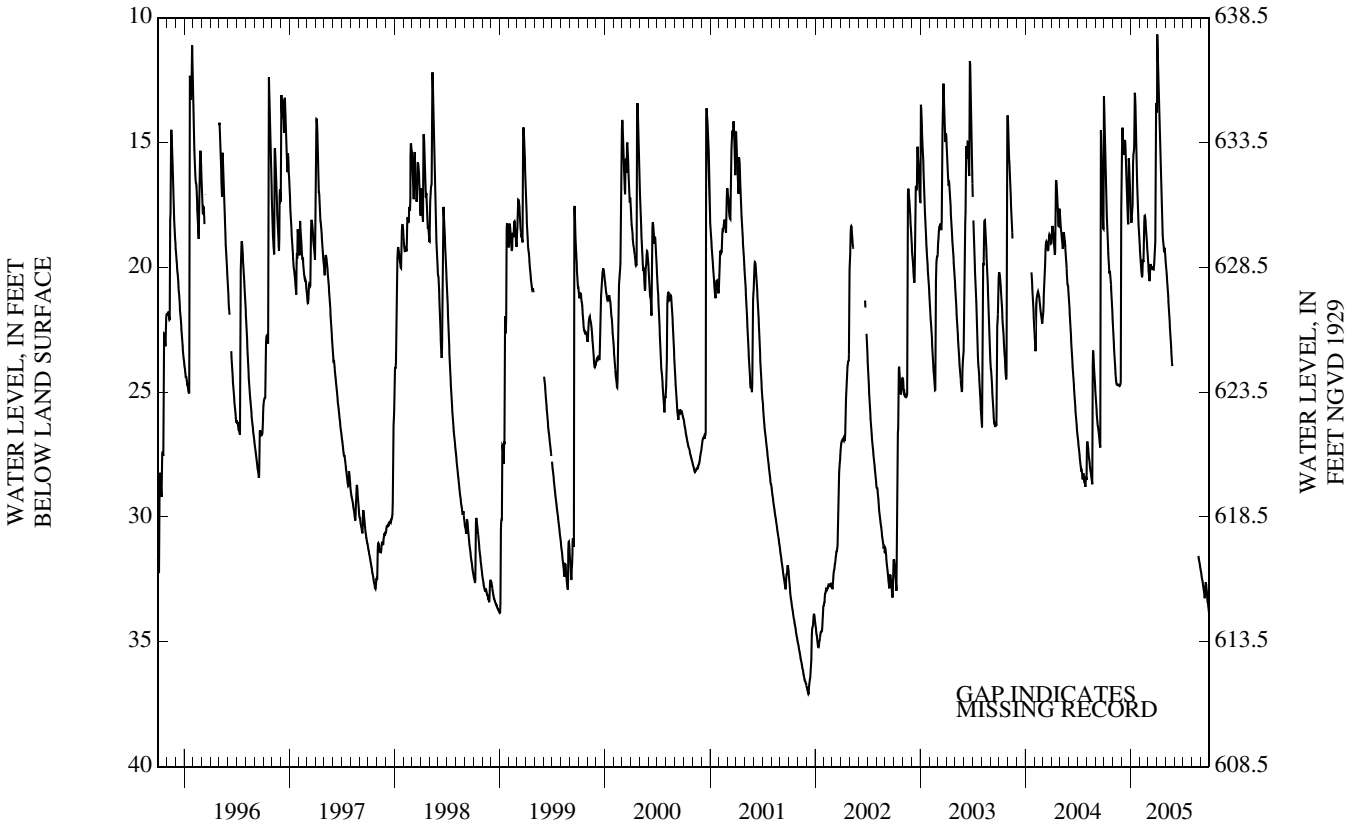
REMARKS.--Water level is affected by nearby pumping.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 10.41 ft below land surface, Apr. 3, 2005; lowest, 37.16 ft below land surface, Dec. 8, 2001.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	15.49	23.49	14.81	17.87	19.91	20.31	11.90	20.18	---	---	---	32.45
10	17.97	24.40	15.29	15.49	20.35	19.95	14.33	20.99	---	---	---	32.82
15	19.46	24.71	15.89	13.01	19.40	20.01	16.42	21.95	---	---	---	33.26
20	20.15	24.71	17.51	15.12	18.03	20.09	18.15	22.99	---	---	---	32.72
25	20.88	24.70	15.63	17.28	18.84	19.52	19.14	23.96	---	---	31.65	33.40
EOM	22.32	17.29	17.43	18.95	19.36	13.52	19.42	---	---	---	32.06	33.86
MEAN	18.87	23.75	16.09	16.44	19.22	19.29	16.14	---	---	---	---	32.94
MAX	22.32	24.75	18.28	18.95	20.40	20.55	19.42	---	---	---	---	33.86
MIN	13.43	17.29	14.41	13.01	17.92	13.43	10.68	---	---	---	---	32.15



37-0204 Sparta Twp 6 Obs

NJ-WRD Well Number, 37-0204. Site I.D., 410431074395801. Local I.D., Sparta Twp 6 Obs. NJ Permit Number, 22-28915-1.

LOCATION.--Lat 41°04'49", long 74°39'31", Hydrologic Unit 02040105, on the north side of the soccer fields off White Lake Rd., Germany Flats, Sparta Township.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in., depth 143 ft, screened 123 to 143 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements, Aug. 1991 to May 1998.

DATUM.--Land surface is 621.7 ft above NGVD of 1929. Measuring point: Top of shelf, 2.80 ft above land surface.

REMARKS.--Water level is affected by nearby pumping.

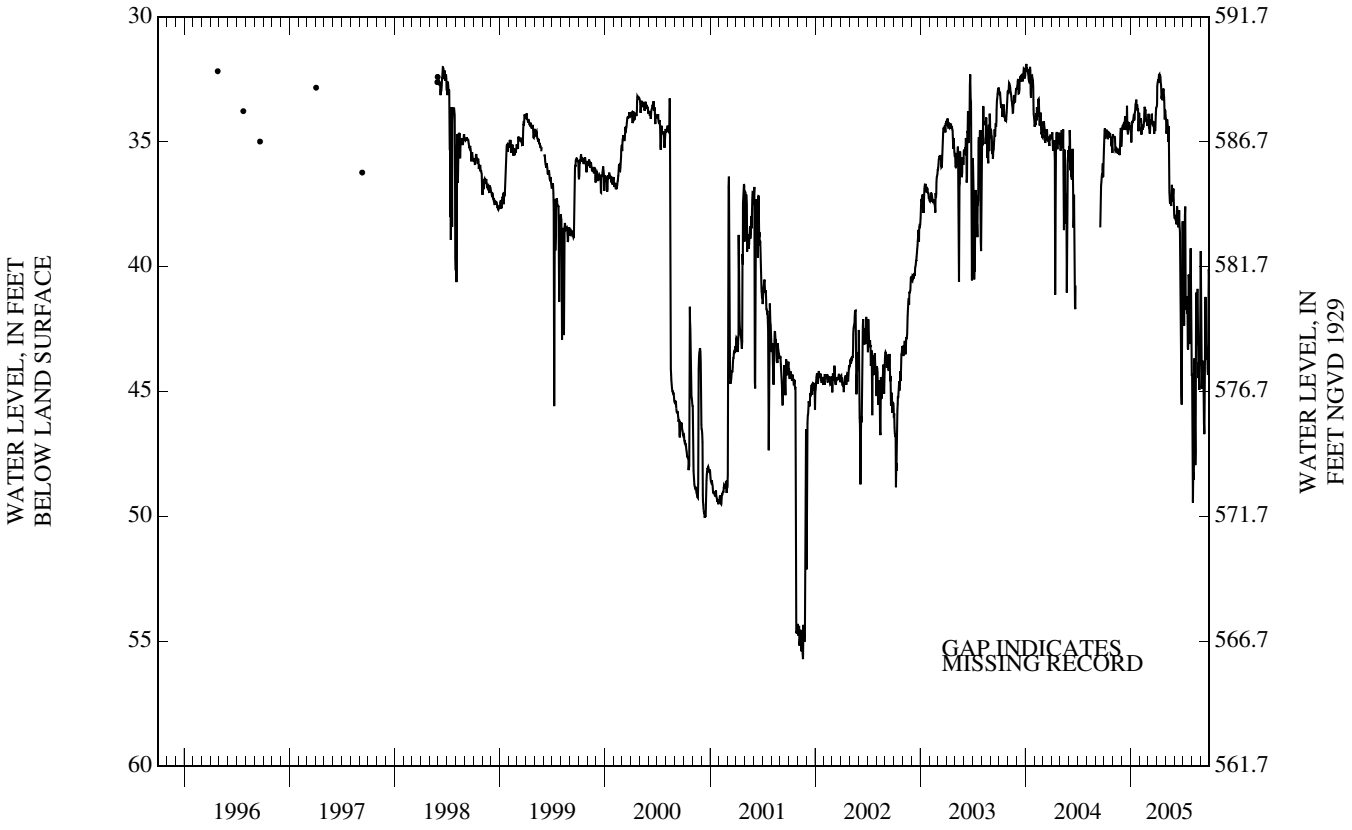
PERIOD OF RECORD.--Aug. 1991 to Sept. 1993, May 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 31.84 ft below land surface, June 19, 1998; lowest, 56.09 ft below land surface, Nov. 19, 2001.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	34.70	34.80	34.36	34.36	34.06	34.42	32.59	34.67	38.01	42.36	49.46	44.88
10	34.80	35.35	34.34	34.07	34.33	34.25	32.30	34.48	37.81	40.60	43.68	44.67
15	34.69	35.36	34.42	33.82	34.30	33.91	32.62	37.00	38.43	41.88	43.96	44.44
20	34.75	35.27	34.31	33.31	33.74	34.24	33.19	37.47	38.49	42.73	41.36	43.40
25	35.07	35.12	34.36	33.76	34.20	34.47	32.90	37.41	44.27	43.10	43.83	44.06
EOM	34.70	34.96	34.45	34.12	34.35	33.62	33.73	37.71	38.19	43.74	40.33	40.39
MEAN	34.80	35.13	34.36	34.01	34.17	34.26	32.92	35.98	39.43	41.12	44.53	43.32
MAX	35.44	35.53	34.70	35.03	34.71	34.68	34.11	37.71	45.52	43.74	49.46	46.71
MIN	34.46	34.44	33.56	33.31	33.59	33.62	32.30	33.75	37.59	37.59	40.33	39.38

WTR YR 2005 MEAN 37.02 HIGH 32.30 APR 10 LOW 49.46 AUG 5



37-0205 Swartswood Park 5 Obs

NJ-WRD Well Number, 37-0205. Site I.D., 410449074483301. Local I.D., Swartswood Park 5 Obs. NJ Permit Number, 21-07722-3.

LOCATION.--Lat 41°04'49", long 74°48'36", Hydrologic Unit 02040105, in Swartswood State Park, about 700 ft south of the intersection of County Rt. 622 (Swartswood Rd.) and Chandler Rd., Hampton Township.

AQUIFER.--Allentown Dolomite of Cambrian-Ordovician age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 148 ft, open hole 50 to 148 ft.

INSTRUMENTATION.--Data collection platform with satellite telemetry--60 minute recording interval. Water-level recorder, July 1992 to Aug. 2002. Periodic measurements, Apr. 1991 to July 1992.

DATUM.--Land surface is 514.1 ft above NGVD of 1929. Measuring point: Top of casing, 2.50 ft above land surface.

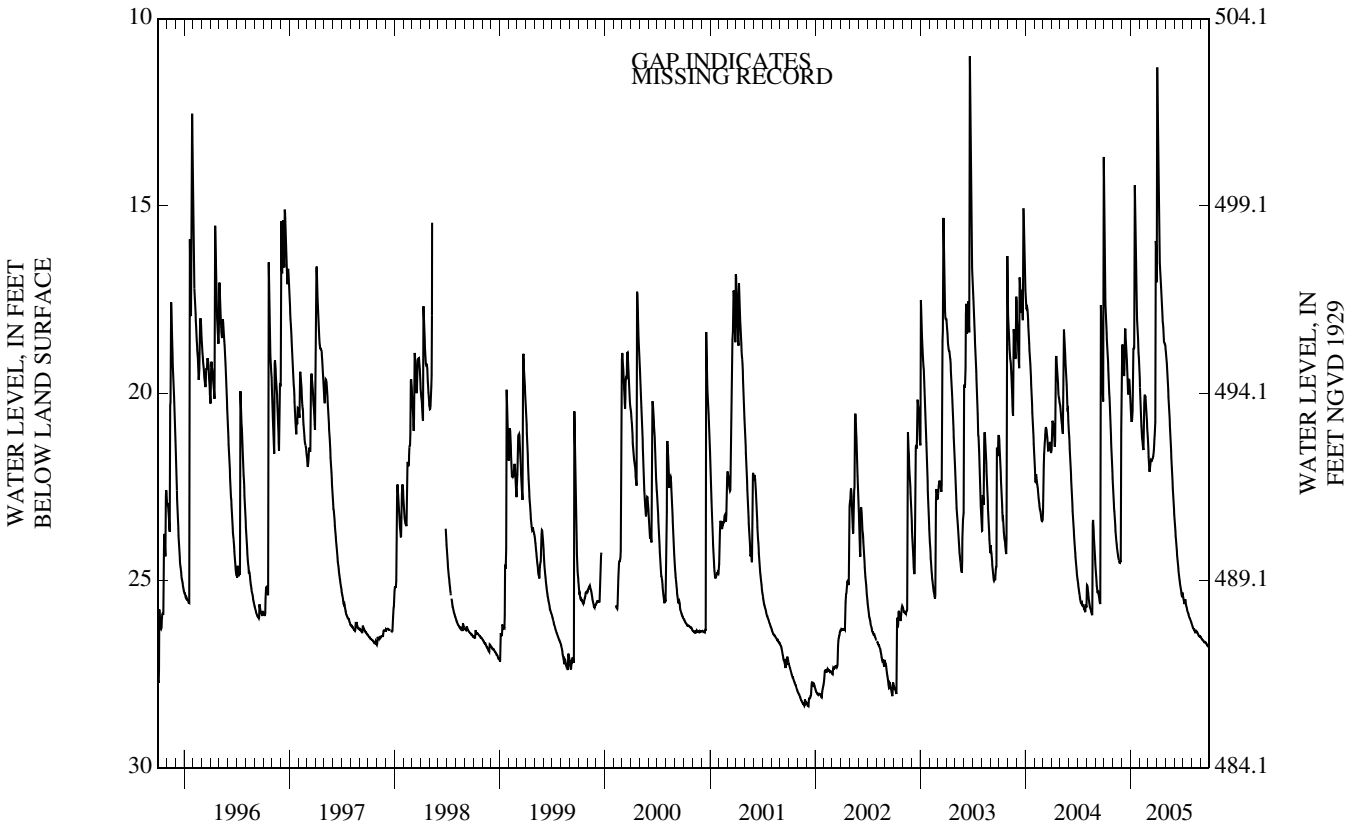
PERIOD OF RECORD.--Apr. 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 10.78 ft below land surface, Jun. 22, 2003; lowest, 28.37 ft below land surface, Dec. 8, 2001.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.60	23.16	19.12	20.76	20.51	21.86	13.93	19.11	23.70	25.57	26.26	26.57
10	18.57	23.80	19.36	18.82	21.26	21.90	16.12	19.77	24.23	25.55	26.33	26.62
15	19.35	24.19	18.65	14.45	21.13	21.81	17.04	20.54	24.68	25.76	26.32	26.65
20	20.31	24.44	19.45	17.35	20.09	21.68	17.78	21.38	25.03	25.88	26.39	26.68
25	21.35	24.48	19.67	18.39	20.62	21.14	18.44	22.23	25.29	26.01	26.47	26.75
EOM	22.46	20.72	20.24	19.39	21.05	16.66	18.70	23.10	25.32	26.14	26.50	26.77
MEAN	19.57	23.70	19.33	18.59	20.64	21.05	16.78	20.78	24.58	25.78	26.37	26.65
MAX	22.46	24.55	20.24	20.76	21.52	22.10	18.70	23.10	25.43	26.14	26.50	26.77
MIN	15.67	20.72	18.28	14.45	19.61	15.94	11.31	18.74	23.24	25.40	26.16	26.51

WTR YR 2005 MEAN 21.99 HIGH 11.31 APR 3 LOW 26.77 SEP 29



37-0206 Fairgrounds 7 Obs

NJ-WRD Well Number, 37-0206. Site I.D., 410804074424401. Local I.D., Fairgrounds 7 Obs. NJ Permit Number, 22-28916.

LOCATION.--Lat 41°08'04", long 74°42'43", Hydrologic Unit 02020007, at Sussex County Fairgrounds, Frankford Township.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in., depth 80 ft, screened 59 to 80 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements Apr. 1991 to July 1992.

DATUM.--Land surface is 528.5 ft above NGVD of 1929. Measuring point: Top of shelf, 2.70 ft above land surface.

REMARKS.--Removal of land in the area surrounding the well during the fall of 1998 resulted in the lowering of land surface at this site by 5 feet. The removal of a section of casing resulted in a new measuring point 6.2 feet lower than the previous one. Water-level data prior to the change, including extremes, and well and screen depths, have to correspond to the new land surface.

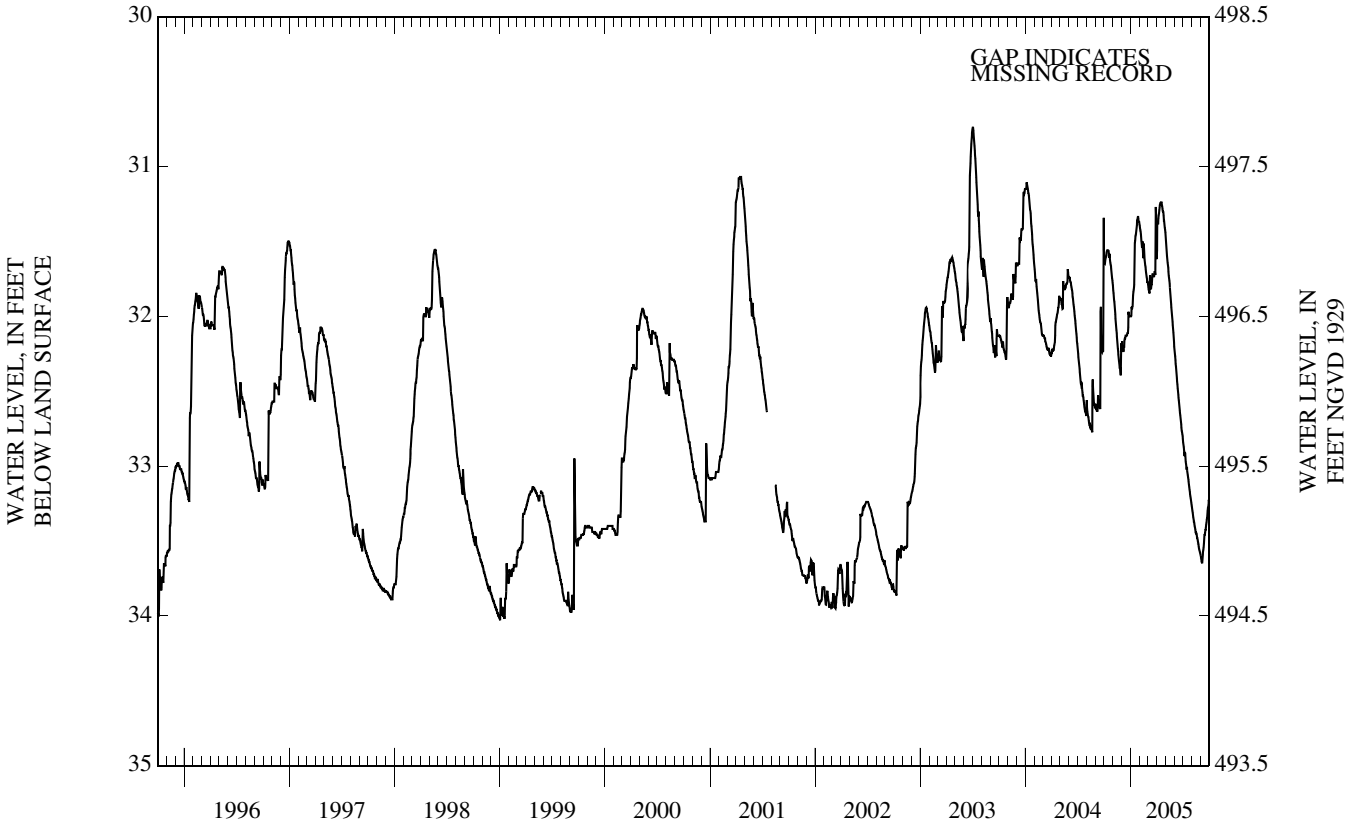
PERIOD OF RECORD.--Apr. 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 30.74 ft below land surface, July 2-3, 2003; lowest, 34.04 ft below land surface, Jan. 3, 1999.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	31.62	31.90	32.22	31.95	31.45	31.83	31.38	31.55	32.29	32.90	33.32	33.64
10	31.57	32.04	32.16	31.84	31.50	31.77	31.29	31.66	32.41	32.95	33.39	33.56
15	31.56	32.17	32.13	31.51	31.52	31.79	31.24	31.76	32.52	33.01	33.44	33.46
20	31.60	32.28	32.11	31.43	31.66	31.73	31.27	31.89	32.63	33.09	33.48	33.39
25	31.68	32.34	31.99	31.34	31.74	31.70	31.33	32.01	32.72	33.17	33.54	33.30
EOM	31.79	32.24	32.00	31.39	31.77	31.45	31.42	32.17	32.80	33.25	33.59	33.24
MEAN	31.63	32.14	32.12	31.62	31.58	31.72	31.33	31.80	32.52	33.04	33.44	33.46
MAX	31.79	32.39	32.24	32.00	31.77	31.84	31.62	32.17	32.80	33.25	33.59	33.65
MIN	31.56	31.83	31.97	31.33	31.40	31.27	31.24	31.44	32.20	32.82	33.27	33.23

WTR YR 2005 MEAN 32.20 HIGH 31.24 APR 14 LOW 33.65 SEP 6



37-0207 Walpack Twp. 4 Obs

NJ-WRD Well Number, 37-0207. Site I.D., 410928074522801. Local I.D., Walpack Twp. 4 Obs. NJ Permit Number, 21-07721-5.

LOCATION.--Lat 41°09'28", long 74°52'27", Hydrologic Unit 02040104, off Main St., about 800 ft east of Flat Brook, Walpack Center, Walpack Township.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in., depth 55 ft, screened 46 to 55 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval. Periodic measurements, Apr. 1991 to July 1992.

DATUM.--Land surface is 425.3 ft above NGVD of 1929. Measuring point: Top of shelf, 3.40 ft above land surface.

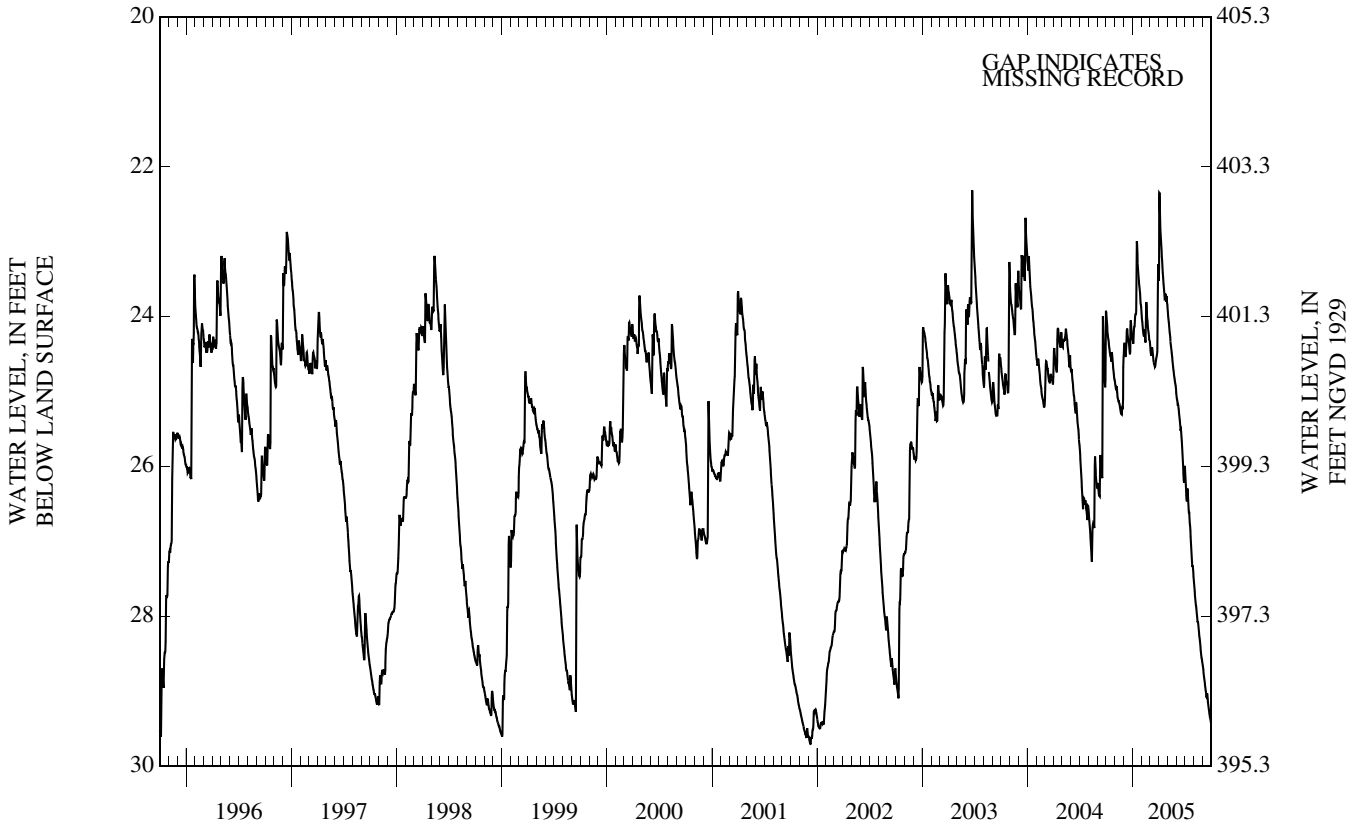
PERIOD OF RECORD.--Apr. 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 22.23 ft below land surface, Apr. 3, 2005; lowest, 29.72 ft below land surface, Dec. 9, 2001.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	24.20	24.94	24.48	24.17	24.17	24.50	22.57	24.05	25.14	26.32	27.72	28.80
10	24.36	25.09	24.35	23.97	24.21	24.43	23.05	24.24	25.26	26.30	27.90	28.96
15	24.52	25.15	24.28	23.00	24.10	24.61	23.41	24.45	25.47	26.63	28.07	29.09
20	24.47	25.27	24.41	23.41	24.04	24.66	23.66	24.64	25.66	26.86	28.26	29.18
25	24.69	25.24	24.05	23.64	24.23	24.53	23.71	24.80	26.03	27.24	28.45	29.32
EOM	24.86	24.55	24.30	23.94	24.31	23.43	23.82	24.97	26.00	27.47	28.63	29.43
MEAN	24.48	25.09	24.33	23.78	24.14	24.42	23.34	24.46	25.54	26.73	28.12	29.07
MAX	24.86	25.31	24.53	24.36	24.34	24.67	23.82	24.97	26.22	27.47	28.63	29.43
MIN	23.95	24.55	24.05	23.00	23.81	23.30	22.35	23.85	25.02	25.99	27.52	28.66

WTR YR 2005 MEAN 25.29 HIGH 22.35 APR 3 LOW 29.43 SEP 30



37-0359 PW-1 Obs

NJ-WRD Well Number, 37-0359. Site I.D., 405613074430901. Local I.D., PW-1 Obs.

LOCATION.--Lat 40°56'13", long 74°43'08", Hydrologic Unit 02040105, about 1,500 ft north of the intersection of U. S. Route 206 and County Route 607 (Lackawanna Dr.), Byram Township.

AQUIFER.--Precambriam Erathem.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 100 ft, open hole 16 to 100 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval.

DATUM.--Land surface is 732 ft above NGVD of 1929, from topographic map. Measuring point: Top of shelf, 1.50 ft above land surface.

REMARKS.--Water level is affected by nearby pumping.

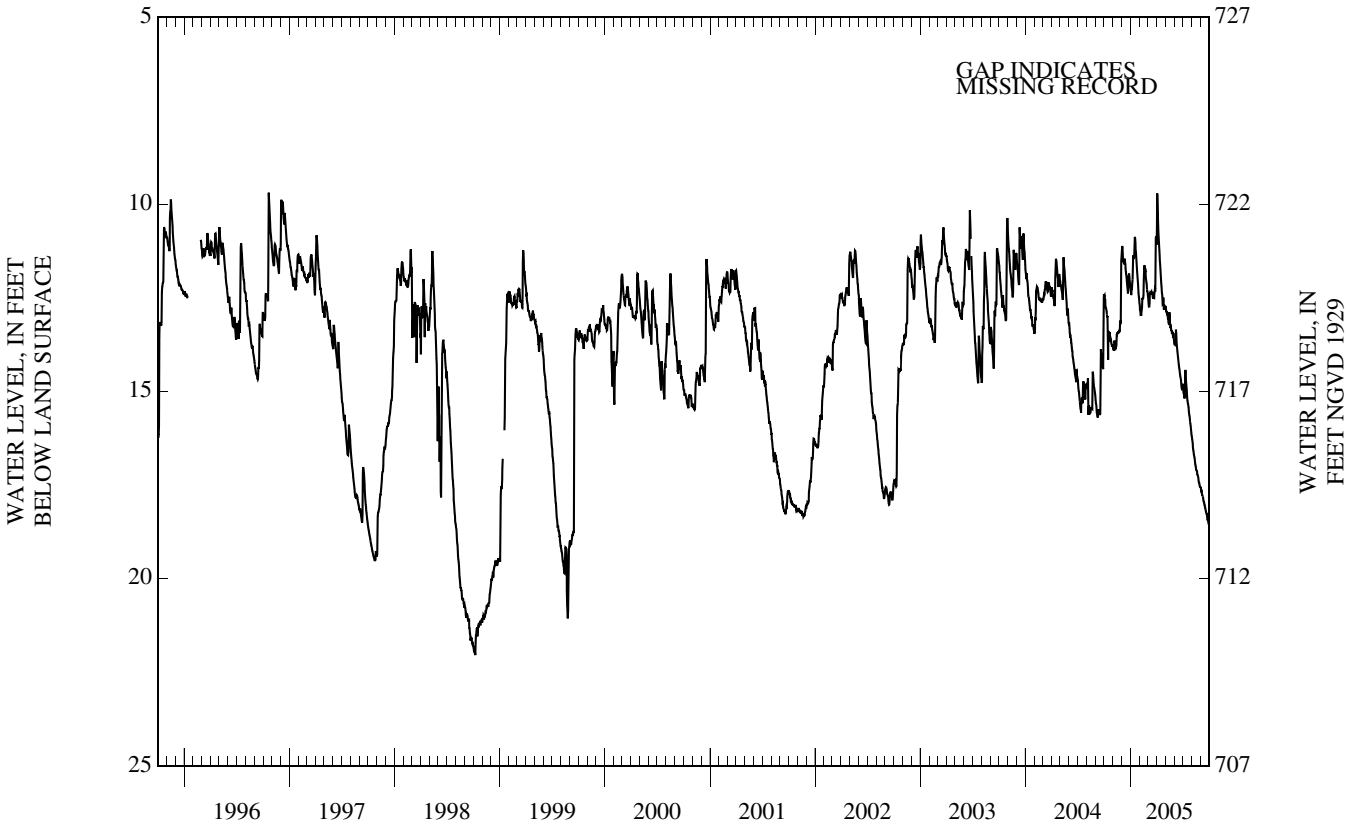
PERIOD OF RECORD.--Dec. 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 9.37 ft below land surface, Apr. 3, 2005; lowest, 22.22 ft below land surface, Oct. 8, 1998.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	12.71	13.64	11.46	12.25	12.93	12.73	10.35	12.88	13.72	15.09	16.50	17.72
10	12.94	13.85	11.49	11.36	12.50	12.36	11.22	13.06	13.79	14.45	16.75	17.89
15	13.70	13.45	11.81	10.87	12.02	12.40	11.92	12.88	14.15	15.10	17.01	18.05
20	13.43	13.45	12.19	11.41	11.80	12.52	12.42	13.28	14.49	15.40	17.21	18.23
25	13.68	13.11	11.93	12.04	12.13	12.35	12.71	13.42	14.78	15.74	17.40	18.43
EOM	13.79	11.39	12.23	12.65	12.33	10.97	12.81	13.64	14.85	16.16	17.55	18.58
MEAN	13.30	13.38	11.78	11.81	12.34	12.28	11.75	13.17	14.20	15.28	16.99	18.08
MAX	14.15	13.91	12.38	12.65	12.97	12.75	12.82	13.64	14.95	16.16	17.55	18.58
MIN	12.44	11.39	11.12	10.87	11.63	10.85	9.71	12.71	13.35	14.45	16.20	17.56

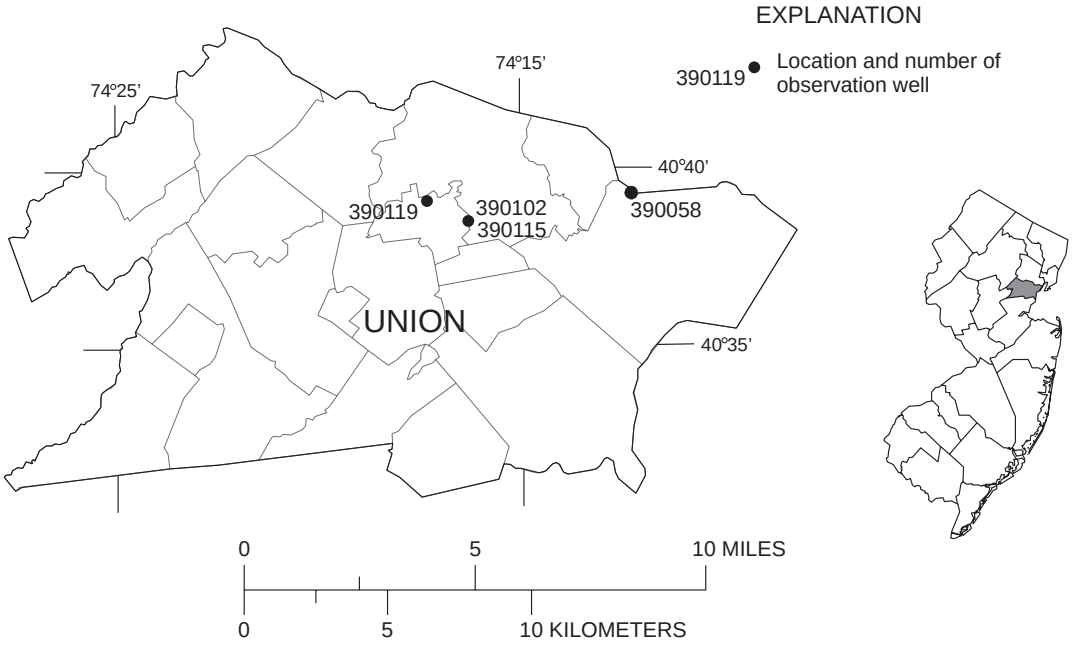
WTR YR 2005 MEAN 13.70 HIGH 9.71 APR 3 LOW 18.58 SEP 30



UNION COUNTY

NJ-WRD well number	Local identifier	Township	Well depth	Aquifer	Type of data
390058	SCHWEITZER OBS	ELIZABETH CITY	660	PSSC	MANUAL
390102	WHITE LAB 3 OBS	KENILWORTH BORO	251	PSSC	MANUAL
390115	WHITE LAB 4 OBS	KENILWORTH BORO	251	PSSC	MANUAL
390119	UNION COUNTY PARK OBS	KENILWORTH BORO	290	PSSC	DAILY

Aquifer names
PSSC - Passaic Formation



39-0058 Schweitzer Obs

NJ-WRD Well Number, 39-0058. Site I.D., 404111074121701. Local I.D., Schweitzer Obs.

LOCATION.--Lat 40°41'13", long 74°12'15", Hydrologic Unit 02030104, on the east side of Newark Ave., about 0.5 mi north of the intersection with North Ave., Elizabeth City.

AQUIFER.--Passaic Formation of Triassic-Jurassic age.

WELL CHARACTERISTICS.--Drilled observation well, depth 660 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level extremes recorder, Apr. 1977 to July 1984. Periodic measurements, July 1970 to Apr. 1977. Water-level recorder, Apr. 1956 to July 1970.

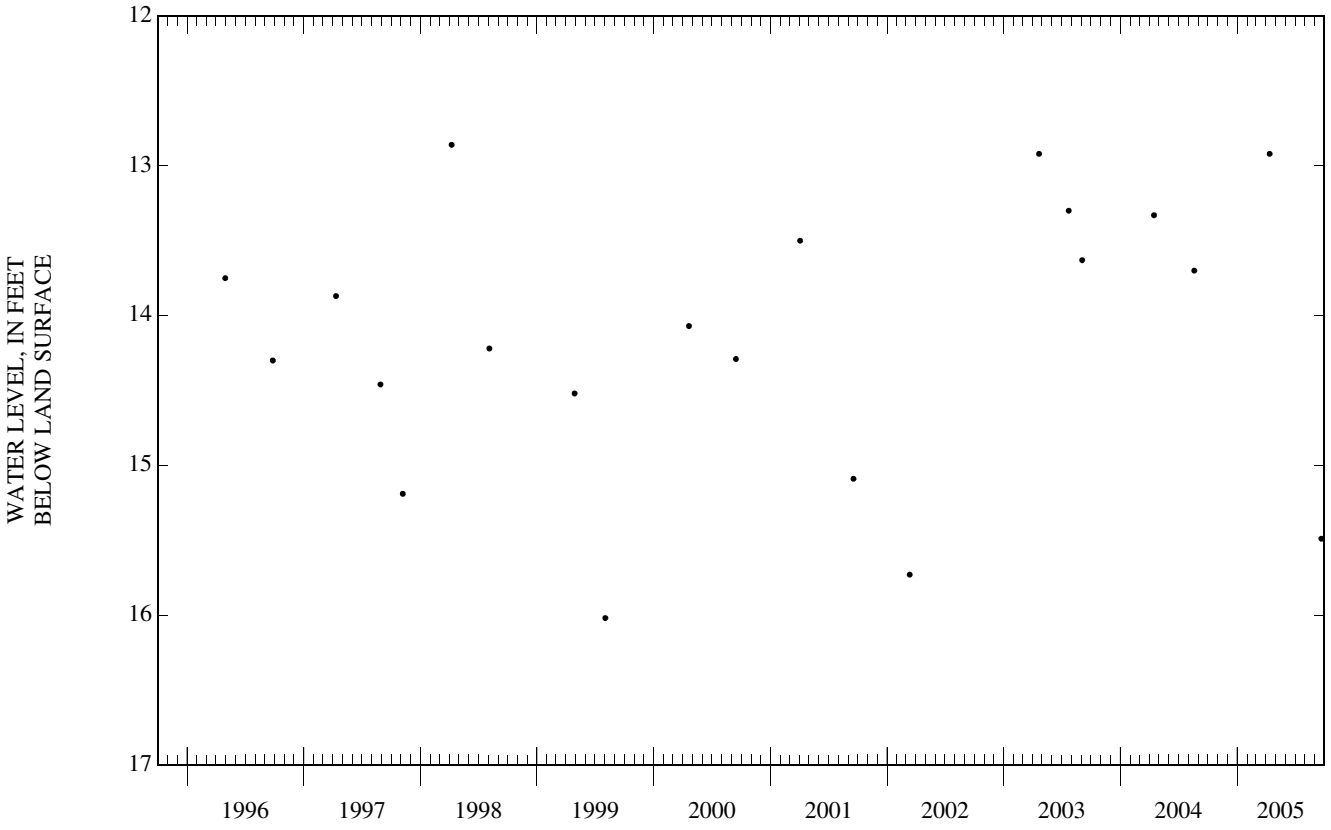
DATUM.--Land surface is 28.23 ft above NGVD of 1929. Measuring point: Top of base of aluminum locking cap, 1.94 ft above land surface.

PERIOD OF RECORD.--Apr. 1956 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 11.07 ft below land surface, between Apr. 2 and July 13, 1984; lowest, 26.83 ft below land surface, Oct. 31, 1963.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 12	12.92	SEP 21	15.49



39-0102 White Lab 3 Obs

NJ-WRD Well Number, 39-0102. Site I.D., 404027074164401. Local I.D., White Lab 3 Obs.

LOCATION.--Lat 40°40'27", long 74°16'43", Hydrologic Unit 02030104, at the Schering facility, about 0.3 mi east of the intersection of Galloping Hill Rd. and the Garden State Parkway, Kenilworth Borough.

AQUIFER.--Passaic Formation of Triassic-Jurassic age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 8 in., depth 251 ft, open hole 49 to 251 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level recorder, Sept. 1952 to July 1984.

DATUM.--Land surface is 85.22 ft above NGVD of 1929. Measuring point: Top of base of locking cap, 0.68 ft above land surface.

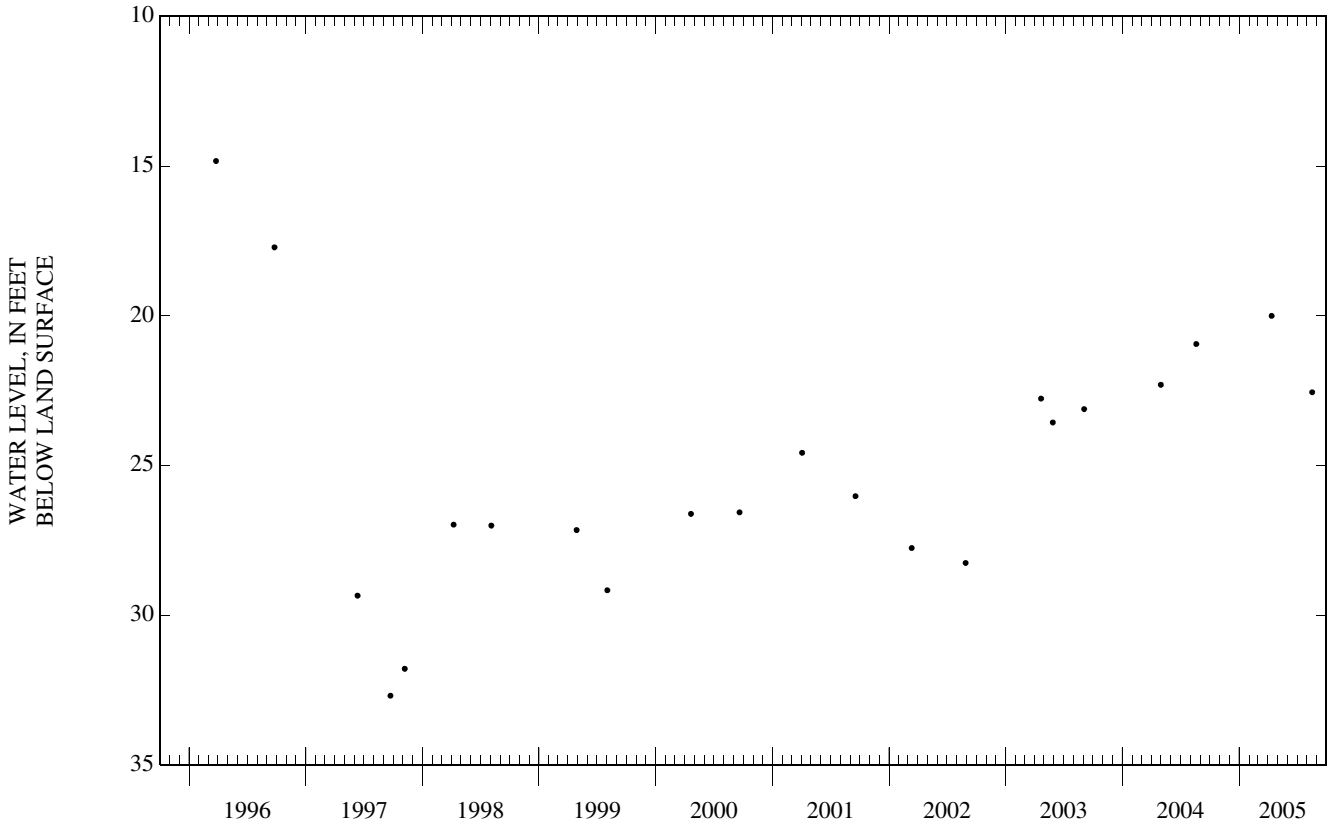
REMARKS.--Water level is affected by nearby pumping.

PERIOD OF RECORD.--Sept. 1952 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 10.51 ft below land surface, Apr. 17, 1961; lowest, 32.68 ft below land surface, Sept. 22, 1997.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 12	20.00	AUG 17	22.55



39-0115

NJ-WRD Well Number, 39-0115. Site I.D., 404044074162101. Local I.D., White Lab 4 Obs.

LOCATION.--Lat 40°40'43", long 74°16'17", Hydrologic Unit 02030104, at the Schering facility, about 0.3 mi east of the intersection of Galloping Hill Rd. and the Garden State Parkway, Kenilworth Borough.

AQUIFER.--Passaic Formation of Triassic-Jurassic age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 251 ft, open hole 47 to 251 ft.

INSTRUMENTATION.--None: periodic measurements with chalked steel tape. Water-level recorder, Apr. 1952 to July 1970.

DATUM.--Land surface is 96.20 ft above NGVD of 1929. Measuring point: Top of base of locking cap, 0.37 ft above land surface.

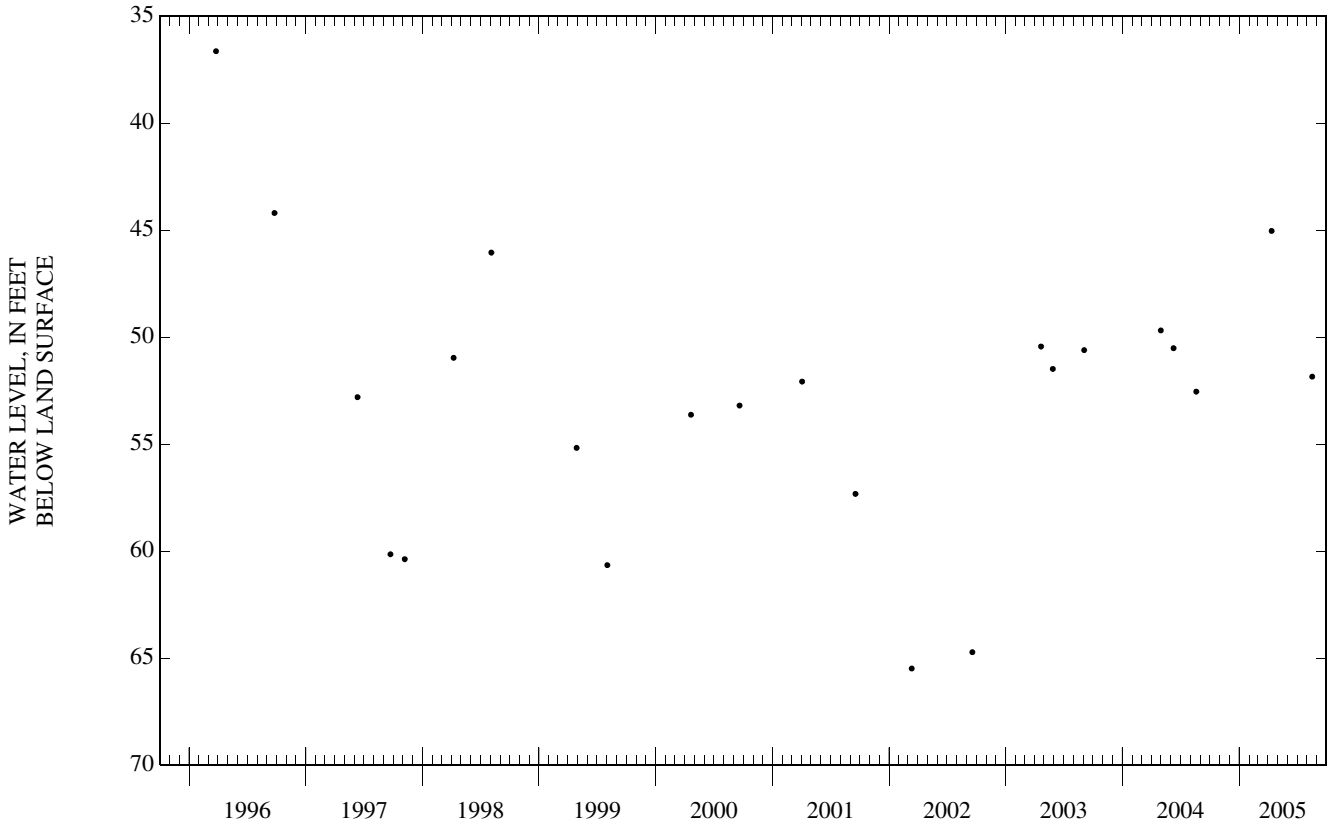
REMARKS.--Water level is affected by nearby pumping.

PERIOD OF RECORD.--Apr. 1952 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 32.96 ft below land surface, Mar. 28, 1960; lowest, 88.25 ft below land surface, Mar. 14, 1977.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 12	45.03	AUG 17	51.84



39-0119 Union County Park Obs

NJ-WRD Well Number, 39-0119. Site I.D., 404106074171901. Local I.D., Union County Park Obs.

LOCATION.--Lat 40°41'06", long 74°17'18", Hydrologic Unit 02030104, at Galloping Hill Golf Course, Kenilworth Borough.

AQUIFER.--Passaic Formation of Triassic-Jurassic age.

WELL CHARACTERISTICS.--Drilled observation well, depth 290 ft.

INSTRUMENTATION.--Data collection platform with satellite telemetry--60 minute recording interval. Water-level recorder, July. 1984 to July 2002. Periodic measurements, Aug. 1975 to July 1984. Water-level recorder, June 1943 to Aug. 1975.

DATUM.--Land surface is 69.00 ft above NGVD of 1929. Measuring point: Top of shelf, 2.30 ft above land surface.

REMARKS.--Water level is affected by nearby pumping of irrigation well.

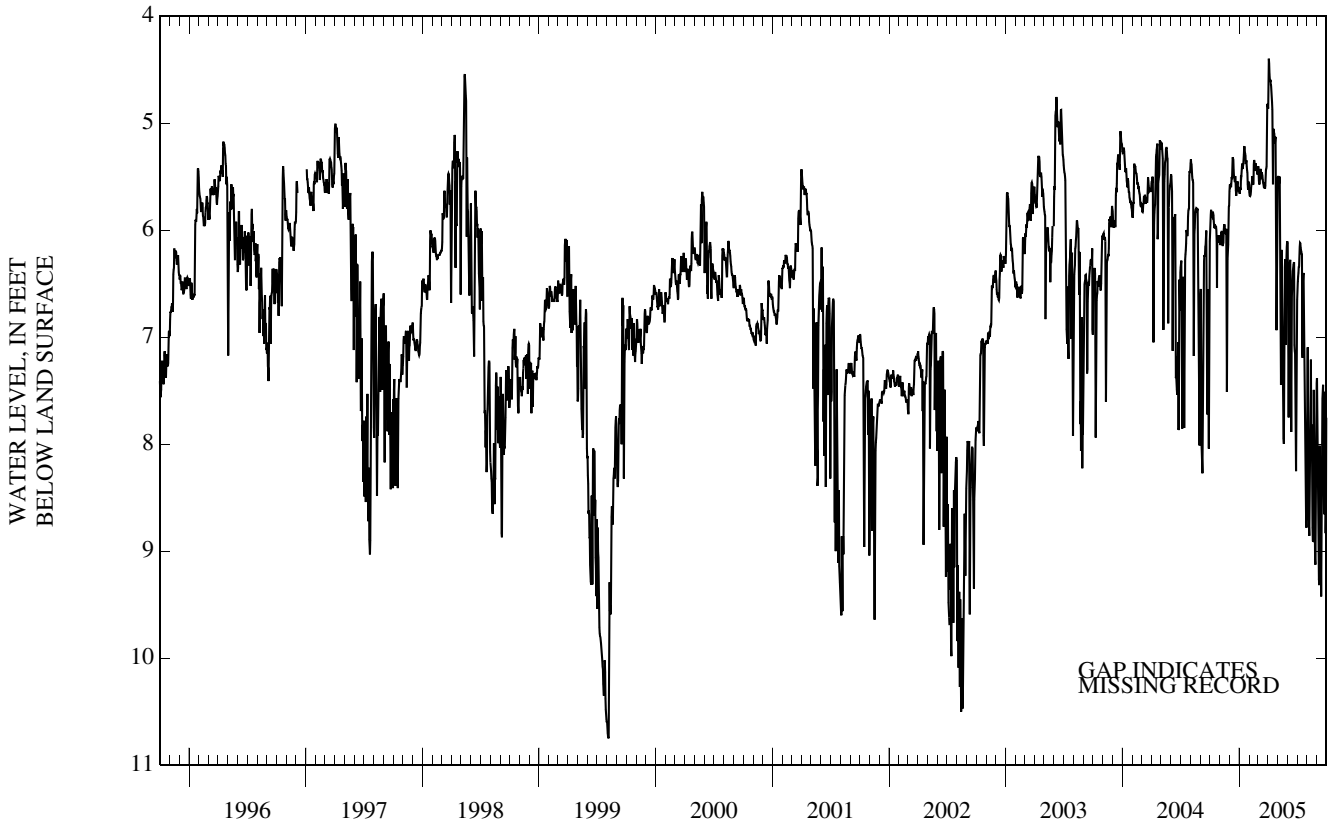
PERIOD OF RECORD.--June 1943 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 3.06 ft below land surface, June 2, 1952; lowest, 16.05 ft below land surface, June 29, 1966.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.84	6.02	5.58	5.62	5.67	5.56	4.54	5.56	7.11	6.40	8.52	9.07
10	5.83	6.15	5.39	5.38	5.49	5.49	4.65	7.30	7.16	6.12	7.73	8.01
15	5.98	5.94	5.49	5.29	5.39	5.53	5.42	7.46	6.51	6.22	7.81	8.78
20	5.97	6.04	5.54	5.30	5.43	5.57	5.09	8.00	6.31	6.41	8.90	7.44
25	6.05	6.27	5.57	5.44	5.45	5.44	5.75	6.91	7.96	8.25	8.97	7.67
EOM	6.05	5.77	5.62	5.60	5.43	4.84	5.62	6.10	6.74	7.93	7.43	7.75
MEAN	5.98	6.14	5.54	5.45	5.51	5.44	5.14	6.60	6.95	7.00	8.11	8.39
MAX	6.54	7.51	5.68	5.66	5.68	5.61	6.93	8.00	8.25	8.78	9.12	9.42
MIN	5.81	5.77	5.32	5.21	5.34	4.82	4.40	5.49	6.12	6.12	7.09	7.38

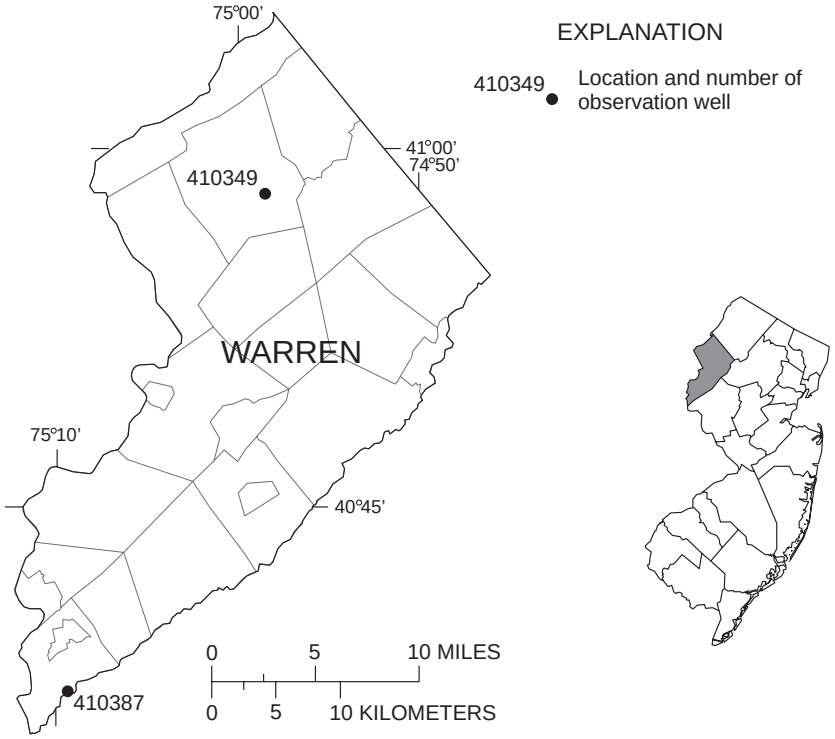
WTR YR 2005 MEAN 6.36 HIGH 4.40 APR 3 LOW 9.42 SEP 14



WARREN COUNTY

NJ-WRD well number	Local identifier	Township	Well depth	Aquifer	Type of data
410349	BLAIRSTOWN 1 OBS	BLAIRSTOWN TWP	294	MRBG	DAILY
410387	MW 82	POHATCONG TWP	12	SFDF	DAILY

Aquifer names
MRBG - Martinsburg Shale
SFDF - Stratified Drift



41-0349 Blairstown 1 Obs.

NJ-WRD Well Number, 41-0349. Site I.D., 405808074583001. Local I.D., Blairstown 1 Obs.

LOCATION.--Lat 40°58'08", long 74°58'29", Hydrologic Unit 02040105, in the Limestone Ridge and Marsh Preserve, Cedar Lake Rd., Blairstown Township.

AQUIFER.--Martinsburg Shale of Ordovician age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 294 ft, open hole 41 to 294 ft.

INSTRUMENTATION.--Water-level recorder--60-minute recording interval.

DATUM.--Land surface is 460 ft above NGVD of 1929, from topographic map. Measuring point: Top of shelf, 3.00 ft above land surface.

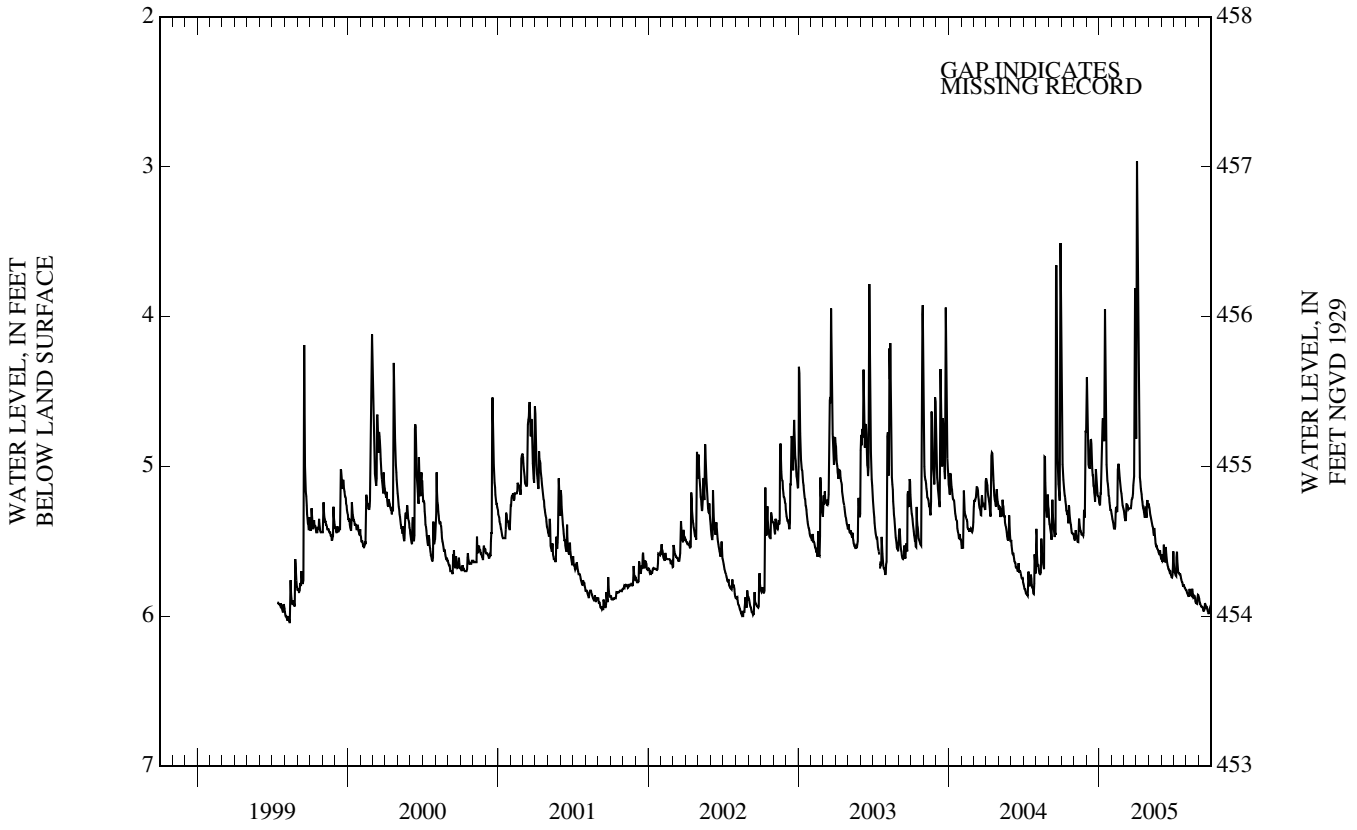
PERIOD OF RECORD.--July 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.73 ft below land surface, Apr. 3, 2005; lowest, 6.09 ft below land surface, Aug. 7, 1999.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.05	5.43	4.91	5.18	5.40	5.35	4.45	5.32	5.63	5.72	5.86	5.93
10	5.21	5.51	4.92	4.68	5.30	5.26	5.07	5.40	5.64	5.63	5.84	5.95
15	5.32	5.41	5.01	3.95	5.02	5.28	5.22	5.41	5.64	5.72	5.82	5.91
20	5.27	5.46	5.18	5.04	5.08	5.26	5.31	5.53	5.69	5.76	5.86	5.94
25	5.41	5.29	5.08	5.21	5.21	5.13	5.31	5.57	5.73	5.79	5.91	5.98
EOM	5.46	4.78	5.21	5.32	5.27	4.62	5.26	5.61	5.57	5.83	5.87	5.96
MEAN	5.25	5.38	5.00	4.99	5.24	5.14	5.00	5.46	5.65	5.73	5.86	5.94
MAX	5.46	5.51	5.24	5.32	5.42	5.37	5.34	5.61	5.74	5.83	5.92	5.99
MIN	4.58	4.76	4.41	3.95	4.98	3.81	2.96	5.25	5.52	5.57	5.82	5.88

WTR YR 2005 MEAN 5.39 HIGH 2.96 APR 3 LOW 5.99 SEP 24



41-0387 MW 82

NJ-WRD Well Number, 41-0387. Site I.D., 403719075091801. Local I.D., MW 82. NJ Permit Number, 24-40758.

LOCATION.--Lat 40°37'19", long 75°09'17", Hydrologic Unit 02040105, at the edge of County Rd. 627 (Riegelsville Rd), Hughesville, Pohatcong Township.

AQUIFER.--Stratified drift of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 2 in., depth 12 ft, screened 7 to 12 ft.

INSTRUMENTATION.--Data collection platform with satellite telemetry--60-minute recording interval. Submersible logger pressure transducer, June 2003 to Mar. 2005.

DATUM.--Land surface is 190 ft above NGVD of 1929, from topographic map. Measuring point: Top of protective casing, 3.61 ft above land surface.

PERIOD OF RECORD.--June 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.11 ft below land surface, Apr. 3, 2005; lowest, 8.64 ft below land surface, Sept. 23-24, 30, 2005.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.57	7.51	5.77	6.55	6.34	6.49	3.66	6.11	6.78	7.39	8.07	7.94
10	6.81	7.38	5.77	5.73	6.44	6.48	4.43	6.17	6.95	6.78	8.05	8.16
15	7.19	6.89	6.06	4.79	5.49	6.53	5.22	6.26	7.19	7.61	7.61	8.32
20	7.12	7.18	6.40	5.79	5.93	6.41	5.52	6.61	7.35	7.69	7.75	8.36
25	7.17	6.80	6.01	5.96	6.33	6.01	5.66	6.71	7.50	7.67	8.14	8.12
EOM	7.26	5.70	6.39	6.09	6.29	4.98	5.82	6.71	7.02	7.66	8.07	8.41
MEAN	6.93	7.02	6.06	5.91	6.19	---	4.97	6.35	7.17	7.47	7.95	8.24
MAX	7.61	7.84	6.88	6.56	6.54	---	5.94	6.76	7.68	7.83	8.20	8.55
MIN	5.57	5.12	5.45	4.79	5.49	---	2.37	5.73	6.70	6.56	7.61	7.94

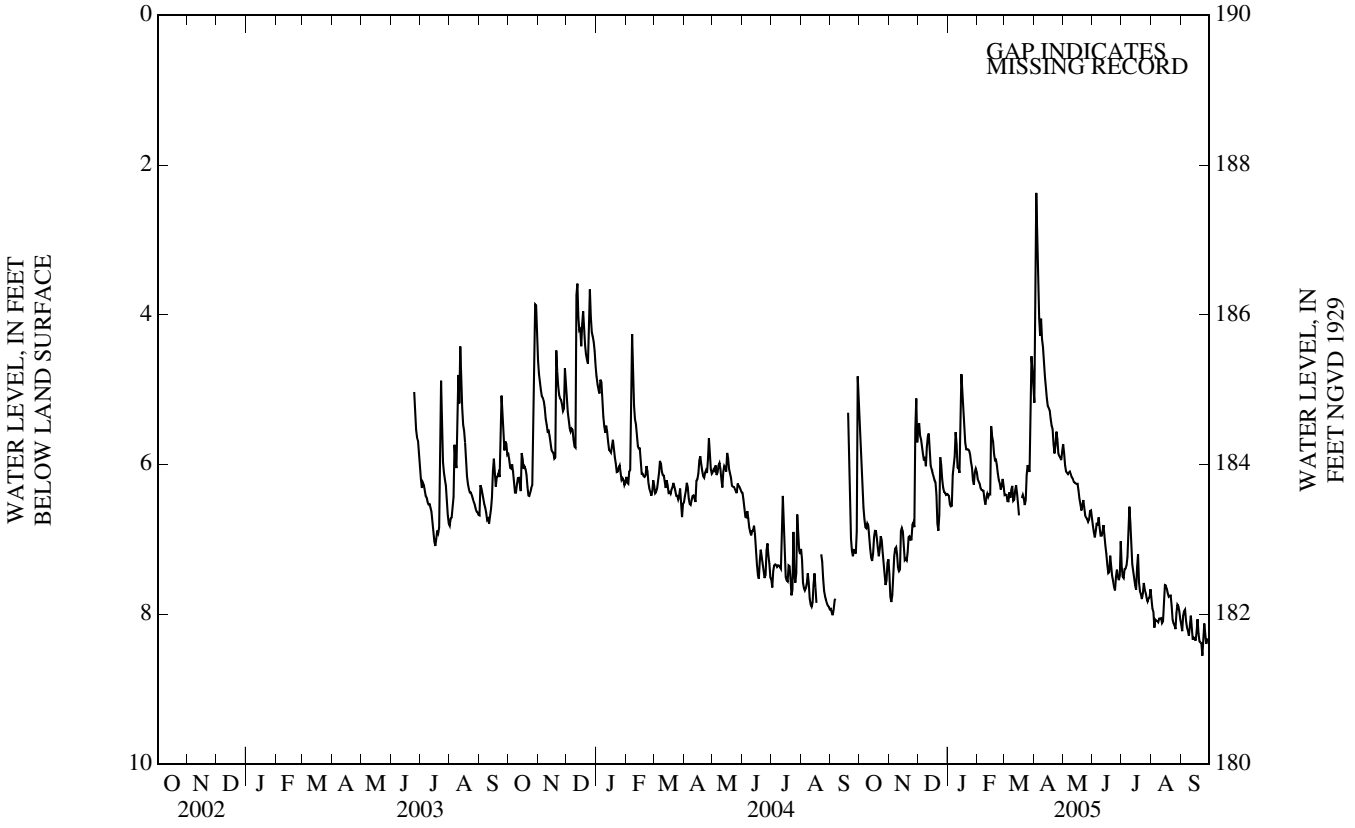


Table 2. Discontinued observation wells for which ground-water-level data are available

[Data available in the files of the New Jersey Water Science Center]

NJ-WSC well number	Local identifier	Latitude (NAD83)	Longitude (NAD83)	Period of record	Aquifer unit[1]
01-037	GALEN HALL OBS	392151	742458	1949-04	122KRKDL
01-366	LONGPORT OBS/SEALED	391821	743207	1924-84	122KRKDL
01-387	AMATOL 6 OBS	393557	744113	1961-91	121CKKD
01-496	USGS 4 H 2	394029	743956	1963-86	121CKKD
01-542	WHARTON 2G	394028	743959	1960-86	121CKKD
01-545	WHARTON 11	394058	744021	1957-86	121CKKD
01-704	EGG HARBOR HS	392343	743732	1985-85	122KRKDL
01-706	STKTN ST COLL	392933	743129	1985-88	122KRKDL
01-710	ACOW2 OBS	391726	742220	1993-96	122KRKDL
01-711	ACOW1 OBS	391955	742506	1987-91	122KRKDL
01-713	MIZPAH DEEP	392902	745050	1985-86	124PNPN
03-286	WALLINGTON 2 OBS	405053	740603	1989-92	227PSSC
03-287	WALLINGTON 1 OBS	405106	740556	1989-92	227PSSC
03-288	WALLINGTON 3 OBS	405107	740608	1989-92	227PSSC
05-029	OSWEGO LAKE 1	394208	742644	1962-86	121CKKD
05-030	OSWEGO LAKE 2	394208	742644	1962-86	121CKKD
05-648	WMUA 3-OBS	400103	745408	1966-86	211MRPAL
05-690	LEBANON SF 2	395211	743102	1964-86	121CKKD
05-836	QWO-3B	395245	742951	1984-89	121CKKD
05-841	QWC-3A	395301	742952	1984-87	121CKKD
05-842	QWC-3B	395301	742952	1985-88	121CKKD
05-851	QWH-3B	395217	742936	1985-88	121CKKD
07-030	NY SHIP 5A/SEALED	395447	750710	1950-86	211MRPAU
07-201	AMSPEC 1/SEALED	395318	750754	1984-88	211MRPAL
07-204	AMSPEC 4/SEALED	395322	750756	1984-88	211MRPAL
07-221	COAST GUARD 1	395356	750737	1983-88	211MRPAL
07-322	OAKLYN TEST	395359	750444	1963-86	211MRPAU
07-354	PETTY IS OBS/SEALED	395811	750555	1950-92	211MRPAL
07-485	OBS 2-1971	394235	745727	1972-79	121CKKD
07-493	OBS 3-1971	394311	745706	1972-79	121CKKD
07-498	OBS 4-1971	394332	750002	1972-79	121CKKD
07-573	COAST GUARD 2	395355	750737	1983-88	211MRPAU
07-574	COAST GUARD 3	395355	750737	1984-88	111HPPM
07-740	CCMUA PZ 3	394131	744818	1993-2001	121CKKD
07-741	CCMUA PZ 4	394208	745347	1992-2001	121CKKD
07-742	CCMUA PZ 2	394337	744613	1992-2001	121CKKD
07-743	CCMUA PZ 1	394340	744613	1992-2001	121CKKD
07-744	CCMUA PZ 5	394410	745344	1992-2001	121CKKD
07-745	CCMUA PZ 8	394413	744948	1992-2001	121CKKD
07-746	CCMUA PZ 7	394516	745204	1992-2001	121CKKD
07-747	CCMUA PZ 6	394630	744927	1992-2001	121CKKD
09-011	CMCWD 1 OBS	385612	745456	1967-86	121CNSY
09-071	RIO GRANDE 23 OBS	390138	745347	1990-92	122KRKDU
09-079	NUMMY ISLAND 2 OBS	390210	744729	1990-92	122KRKDL
09-095	BDWLL DCH 30ES	390527	745027	1972-75	112ESRNS
09-097	BDWLL DCH 31ES	390527	745023	1968-84	112ESRNS
09-098	BDWLL DCH 31HB	390527	745023	1968-84	112HLBC
09-185	MACNAMARA W A	391621	744354	1985-86	122KRKDL
09-292	WETLANDS 1 OBS	390337	744622	1988-92	121CNSY
09-293	WETLANDS 2 OBS	390337	744622	1988-92	112ESRNS
09-294	WETLANDS 3 OBS	390337	744622	1988-92	112ESRNS
09-295	WETLANDS 4 OBS	390337	744622	1988-92	112HLBC
09-304	AIRPORT RIO GRANDE OBS	390002	745409	1990-92	122KRKDU
11-118	HEISLERVILLE 1 OBS	391350	750017	1972-2001	121CKKD
11-119	HEISLERVILLE 2 OBS	391350	750017	1972-2001	121CKKD

Footnotes at end of table.

Table 2. Discontinued observation wells for which ground-water-level data are available--Continued

[Data available in the files of the New Jersey Water Science Center]

NJ-WSC well number	Local identifier	Latitude (NAD83)	Longitude (NAD83)	Period of record	Aquifer unit[1]
11-141	ORANGE ST	392219	750112	1962-86	121CKKD
11-161	FAIR GROUNDS 1	392526	750642	1972-86	121CKKD
11-162	FAIR GROUNDS 2	392526	750642	1972-86	121CKKD
11-188	BOSTWICK LK 1	393141	751600	1972-86	121CKKD
11-692	RUTGERS R&D 1 SHALLOW OBS	393059	751219	1991-92	121CKKD
11-693	RUTGERS R&D 2 MED OBS	393104	751221	1991-92	121CKKD
11-694	RUTGERS R&D 3 DEEP OBS	393104	751221	1991-92	121CKKD
13-017	BALLENTINE 8 OBS	404401	740833	1949-93	227PSSC
13-094	EAST ORANGE 28 OBS	404455	742031	1991-98	227TOWC
15-097	GIBBSTOWN TH 8/TW8 (NEW)	395000	751635	1953-89	211MRPAM
15-139	PURELAND TEST WELL 3	394608	752134	1985-86	211MRPAL
15-140	PURELAND TEST WELL 4	394608	752134	1985-86	211MRPAM
15-279	SHELL OBS 7	394857	751249	1962-86	211MRPAM
15-296	SHELL 5 OBS/SEALED	394942	751316	1962-96	211MRPAL
15-297	SHELL 6 OBS/SEALED	394942	751316	1962-96	211MRPAU
15-323	EAGLE POINT 3 OBS	395235	750949	1949-2000	211MRPAL
15-379	EWC 6/MANTUA OBS/SEALED	394601	751004	1988	211MRPAU
15-540	EPA 108	394800	751935	1985-88	211MRPAM
15-564	S-9	394802	751932	1985-88	211MRPAU
15-615	SHIVELER LOWER	394637	751915	1985-88	211MRPAL
15-616	SHIVELER MIDDLE	394637	751915	1985-88	211MRPAM
15-617	SHIVELER UPPER	394637	751915	1985-88	211MRPAU
15-618	GAVENTA DEEP	394804	751932	1985-88	211MRPAL
15-620	GAVENTA MIDDLE 1	394804	751932	1985-88	211MRPAM
15-770	NATIONAL PARK #1-PW-L	395202	751114	1987-88	211MRPAL
15-771	NATIONAL PARK #2-PW-M	395202	751114	1987-88	211MRPAM
15-1052	USGS WTMUA OBS-2 MED	394314	750144	1991-92	121CKKD
15-1053	USGS WTMUA OBS-3 DEEP	394314	750144	1991-92	121CKKD
15-1055	USGS GSC OBS-2 MED	394221	750721	1991-92	121CKKD
15-1056	USGS GSC OBS-3 DEEP	394221	750721	1991-92	121CKKD
15-1058	USGS TPE OBS-2 MED-DEEP	394242	750329	1991-92	121CKKD
15-1059	USGS TPE OBS-3 DEEP	394242	750329	1991-92	121CKKD
15-1063	USGS TPE OBS-4 MED-SHAL	394242	750329	1991-92	121CKKD
19-249	HUNTER RD TB 3 OBS	402141	745357	1989-92	227PSSC
19-250	W AMWELL FIRE TB 2 OBS	402146	745350	1989-92	227PSSC
21-358	PRINCETON 1-BRICK RD OBS	402023	743918	1989-90	231SCKN
21-359	PRINCETON 2-CHILL PL OBS	402032	743924	1989-92	231SCKN
21-395	WW MW-2 OBS	401806	743532	1993-94	211FRNG
23-159	DUHERNAL OBS 5	402353	742151	1939-86	211ODBG
23-180	DUHERNAL OBS 1	402438	742128	1938-86	211ODBG
23-181	RUNYON 123	402442	742135	1955-86	211ODBG
23-182	BROWNTOWN	402449	741818	1932-87	211ODBG
23-189	RUNYON R50	402525	741953	1972-75	211ODBG
23-265	11	403211	741611	1950-86	211FRNG
23-270	TEST 2	403231	741615	1950-86	211FRNG
23-306	PHELPS DODGE 3	402147	742846	1969-87	211FRNG
23-343	SUN BISCUIT 5/SEALED	402553	742032	1972-75	211ODBG
23-404	MORGAN OBS 1	402745	741644	1973-80	211FRNG
23-433	SO RIVER 4	402555	742132	1968-86	211ODBG
23-482	AMERICAN CYANIMID 1 OBS	403242	741616	1950-2003	211FRNG
23-516	HULSART/SEALED	402123	741848	1936-84	211EGLS
23-796	TEST WELL 5 OBS	402058	743558	1986-92	231SCKN
23-800	TEST WELL 9 OBS	402058	743558	1986-92	231SCKN
23-1056	MONITORING #3	402743	742215	1987	211FRNG
23-1058	HESS BROS #1	402704	742138	1987-88	211FRNG

Footnotes at end of table.

Table 2. Discontinued observation wells for which ground-water-level data are available--Continued

[Data available in the files of the New Jersey Water Science Center]

NJ-WSC well number	Local identifier	Latitude (NAD83)	Longitude (NAD83)	Period of record	Aquifer unit[1]
23-1077	JCP&L-SAY	402831	742119	1987-88	211FRNG
23-1165	RUTGERS GOLF 13 OBS	403108	742811	1991-2002	227PSSC
23-1330	RUTGERS MW-12A	403135	742743	1998-2002	227PSSC
23-1331	RUTGERS MW-12B	403135	742743	1998-2002	227PSSC
23-1332	RUTGERS MW-12C	403135	742743	1998-2002	227PSSC
25-216	MANALAPAN 1	401518	742229	1971-84	211EGLS
25-350	WHITESVILLE 2/SEALED	401323	740154	1973-75	211ODBG
25-716	HERBERT SAND MW-3 OBS	401044	741417	1992-93	121CKKD
25-717	TURKEY SWAMP 1 OBS	401046	742001	1992-93	125VNCN
27-014	EXXON OBS	404705	742451	1967-99	112SFDF
27-015	MORRISTOWN ARPT. 2 OBS	404743	742521	1960-75, 77-97	112SFDF
27-022	INT PIPE OBS	405209	742637	1963-95	112SFDF
27-095	PICATINNY 9C OBS	405628	743417	1987-93	112SFDF
27-150	GREAT SWAMP 4 OBS	404349	742515	1989-90	112SFDF
27-152	NILES PARK 1 OBS	404450	742458	1990-91	112SFDF
27-242	PICATINNY CAF 1 OBS	405623	743412	1983-84,87-93	377HRDS
27-245	PICATINNY CAF 4 OBS	405623	743412	1983-84,87-93	112SFDF
27-250	PICATINNY LF 1 OBS	405509	743503	1983-84,89-91	374LSVL
27-251	PICATINNY LF 2 OBS	405509	743503	1983-91	112SFDF
27-304	PICATINNY CAF 5 OBS	405629	743408	1984,87-93	112SFDF
27-321	GEONICS 2	405344	742739	1985-90	112SFDF
27-322	DTWD TW 2	405314	743249	1985-89	112SFDF
27-323	CRANE RD (GEONICS 1)	405253	742707	1985-89,1997-98	112SFDF
27-324	POCONO RD (GEONICS 2)	405334	742827	1985-89,1997-98	112SFDF
27-325	VALLEY RD (GEONICS 3)	405542	742616	1985-89	400PCMB
27-709	KEUFFEL 2	405441	742947	1985-89	112SFDF
27-1083	MCMUA TEST WELL 1 OBS	405005	744100	1988-90	374LSVL
27-1084	MCMUA TEST WELL 2 OBS	404954	744121	1988-90	374LSVL
27-1085	WASHINGTON TWP TW OBS	404705	744637	1988-91	374LSVL
27-1110	CONVENT 2	404709	742543	1988-89	227BNTN
27-1111	CONVENT 3	404709	742543	1988-89	112SFDF
27-1123	KENVIL NEWCRETE 1 OBS	405330	743637	1989-91	374LSVL
27-1124	KENVIL NEWCRETE 2 OBS	405330	743637	1989-90	112SFDF
27-1125	BLACK RIVER 3 OBS	404934	743858	1989-91	374LSVL
27-1126	BLACK RIVER 4 OBS	404809	744154	1989-91	374LSVL
27-1127	PICATINNY SB1-1 OBS	405458	743454	1989-91	400PCMB
27-1128	PICATINNY SB1-2 OBS	405458	743454	1989-91	112SFDF
27-1129	PICATINNY SB1-3 OBS	405458	743454	1989-91	112SFDF
27-1130	PICATINNY SB2-1 OBS	405509	743508	1989-91	112SFDF
27-1131	PICATINNY SB2-2 OBS	405509	743508	1989-91	112SFDF
27-1132	PICATINNY SB3-1 OBS	405517	743514	1989-91	374LSVL
27-1133	PICATINNY SB2-3 OBS	405509	743508	1989-91	374LSVL
27-1134	PICATINNY SB3-2 OBS	405517	743514	1989-91	112SFDF
27-1135	PICATINNY SB3-3 OBS	405517	743514	1989-91	112SFDF
27-1164	BLACK RIVER 5 OBS	404809	744154	1989-91	112SFDF
27-1183	KENVIL NEWCRETE 7 OBS	405330	743637	1989-90	112SFDF
27-1197	MADISON 8 OBS	404513	743453	1991-96	112SFDF
27-1302	JENKINSON FARM 1 OBS	404452	744930	1989-91	374LSVL
27-1303	DREW UNIVERSITY FARM OBS	404712	744546	1990-2000	374LSVL
27-1866	MOOSE LODGE 1S OBS	405308	743231	1997-98	112SFDF
27-1867	ROC MW 18-S OBS	405434	743010	1997-98	112SFDF
29-100	NORMANDY 3 OBS	395956	740342	1998-04	211MRPAU
29-486	CRAMMER OBS	395714	742233	1952-90	121CKKD
29-532	PPWD 3	400459	740357	1986-88	211EGLS
29-624	OCEAN CO DEEP	394755	741508	1975-76	121CKKD

Footnotes at end of table.

Table 2. Discontinued observation wells for which ground-water-level data are available--Continued

[Data available in the files of the New Jersey Water Science Center]

NJ-WSC well number	Local identifier	Latitude (NAD83)	Longitude (NAD83)	Period of record	Aquifer unit[1]
29-625	OCEAN CO SHALL	394755	741508	1975-76	111ALVM
29-1056	D AND S-18D OBS	395433	741013	1992-93	121CKKD
31-011	HASKELL OBS	410209	741707	1965-82	112SFDF
33-002	BOSTWICK NO 3	393202	751629	1973-87	211MLRW
33-279	GARRISON	393622	751530	1959-86	211MLRW
33-342	PENNS GROVE 24	394236	752723	1942-87	211MRPAU
33-680	USGS COLES FARM OBS-1	393849	751327	1991-92	121CKKD
33-681	USGS COLES FARM OBS-2	393849	751327	1991-92	121CKKD
39-133	HATFIELD OBS	403726	741622	1959-87	227BRCKS
41-013	HOF LAR 4	405050	750331	1960-85	112SFDF

[1]Aquifer units:
111ALVM - Holocene Alluvium
111HPPM - Undifferentiated Holocene, Pleistocene, Pliocene, and Miocene
112HLBC - Holly Beach water-bearing zone
112ESRNS - Cape May Formation, estuarine sand facies
112SFDF - Stratified drift
121CNSY - Cohansey Sand
121CKKD - Kirkwood-Cohansey aquifer system
122KRKDL - Atlantic City 800-foot sand of the Kirkwood Formation
122KRKDU - Rio Grande water-bearing zone of the Kirkwood Formation
124PNPN - Piney Point Formation
125VNCN - Vincentown Formation
211EGLS - Englishtown aquifer system
211MLRW - Wenonah-Mount Laurel aquifer
211MRPAU - Upper Potomac-Raritan-Magothy aquifer
211MRPAM - Middle Potomac-Raritan-Magothy aquifer
211MRPAL - Lower Potomac-Raritan-Magothy aquifer
211ODBG - Old Bridge aquifer, Potomac-Raritan-Magothy aquifer system (Middlesex and Monmouth Counties)
211FRNG - Farrington aquifer, Potomac-Raritan-Magothy aquifer system (Middlesex and Monmouth Counties)
227BNTN - Boonton Formation
227BRCKS - Brunswick Group sedimentary rocks
227PSSC - Passaic Formation
227TOWC - Towaco Formation
231SCKN - Stockton Formation
374LSVL - Leithsville Formation
377HRDS - Hardyston Quartzite
400PCMB - Precambriam Erathem

INDEX

Page