

# St. Lucie County

## WATER RESOURCES DATA - FLORIDA, 2005

## VOLUME 2B: SOUTH FLORIDA

Key to site locations on figure # 22

## ST. LUCIE COUNTY

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VOLUME 2B: SOUTH FLORIDA

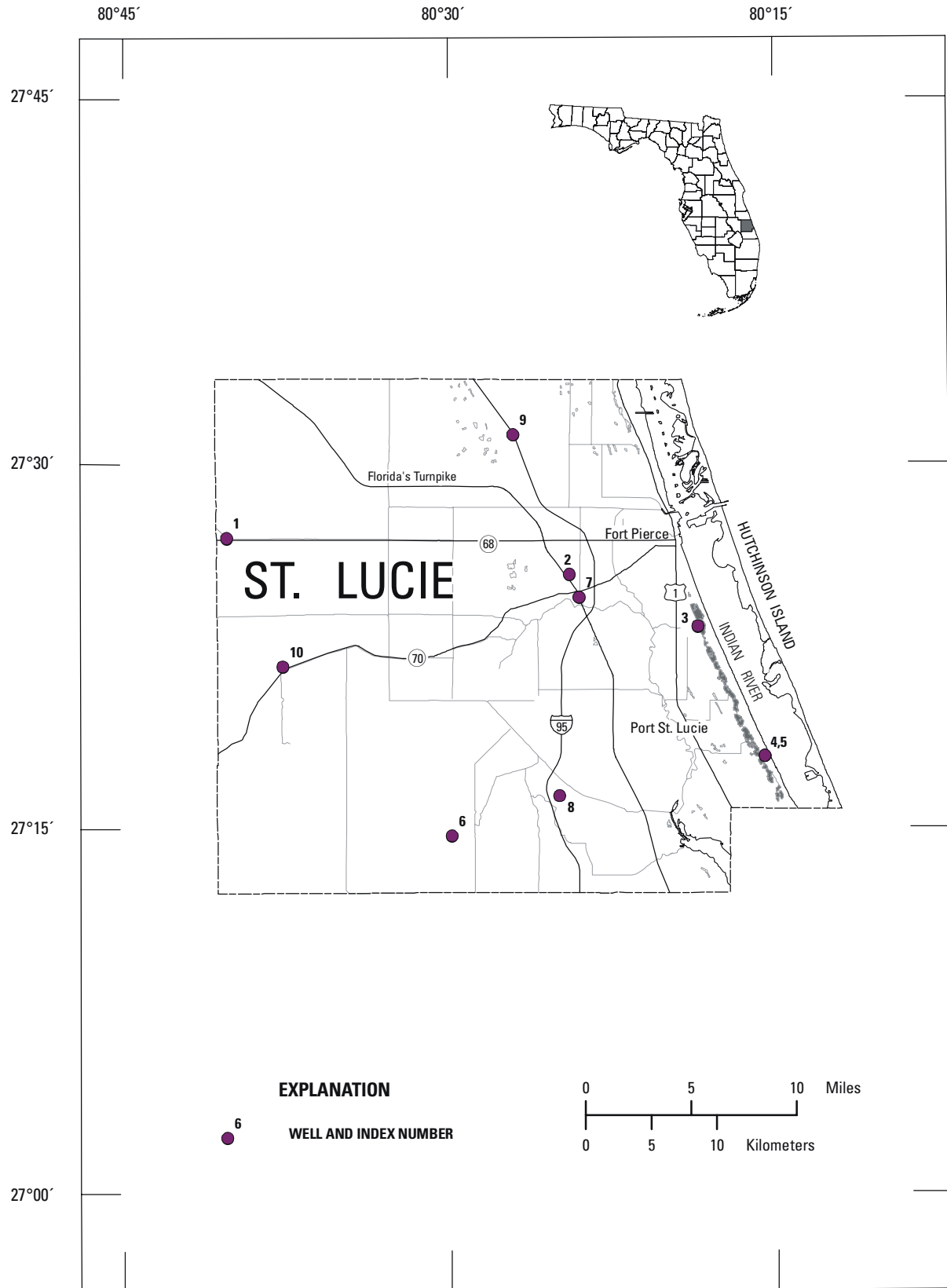


Figure 22: Location of wells in St. Lucie County

ST. LUCIE COUNTY

WELL NUMBER.--271413080311201. Local Number STL 185. USGS Observation Well near Port St. Lucie, FL.

LOCATION.--Lat 27°14'40", long 80°29'55", in SE 1/4 SE 1/4 NE 1/4 sec.23, T.37 S., R.38 E., Hydrologic Unit 03090202, 1 mi west of County Road 609 and 3 mi south of County Road 709 in pasture of McCarty Ranch. Ranch entrance is on County Road 709, recorder is 4 gates and 5 pastures to the south, 20 ft west of southern gate.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 115 ft, cased to 113 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 30.33 ft above National Geodetic Vertical Datum of 1929.

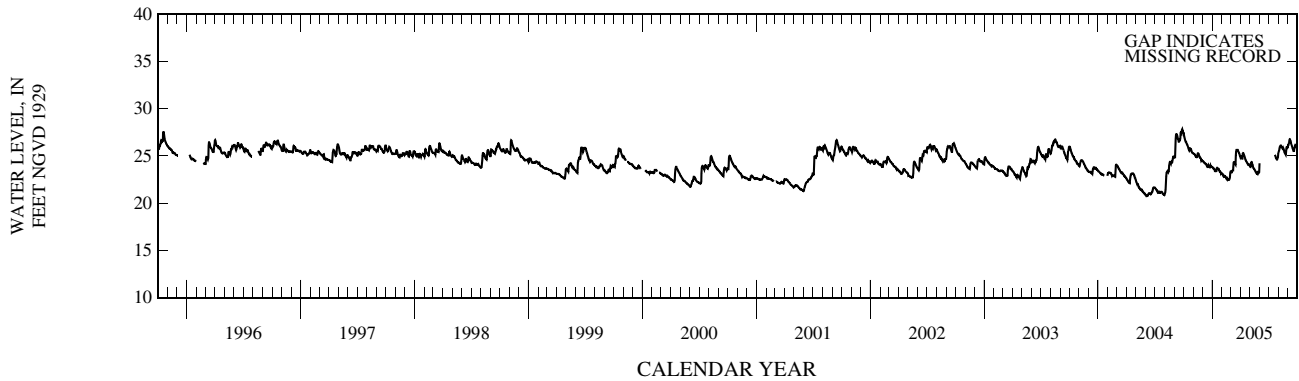
LAND-SURFACE DATUM.--Land surface is approximately 27.9 ft above NGVD.

PERIOD OF RECORD.--September 1976 to April 1977 (intermittent), May 1988 to October 1988 (semiannual), October 1989 to November 1992 (annual), January 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 27.81 ft NGVD, Sept. 26, 2004; lowest, 20.74 ft NGVD, June 3-5, 2004.

ELEVATION ABOVE NGVD 1929, FEET  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	26.76	25.14	24.33	23.68	22.86	23.44	24.85	24.30	---	---	25.95	26.66
10	26.34	24.89	24.14	23.48	22.87	24.26	25.29	24.07	---	---	26.00	26.35
15	25.92	25.25	23.88	23.69	22.56	24.13	24.83	23.60	---	---	25.78	25.80
20	25.61	24.99	24.01	23.62	22.50	25.63	24.42	23.30	---	25.11	25.38	25.74
25	25.61	24.71	23.86	23.34	22.58	25.46	24.12	23.10	---	24.75	25.40	26.02
EOM	25.27	24.46	23.84	23.12	23.33	24.97	24.00	23.28	---	25.23	26.09	26.27
MAX	27.41	25.27	24.45	23.82	23.33	25.63	25.30	24.35	---	---	26.10	26.75



ST. LUCIE COUNTY—Continued

WELL NUMBER.--271618080245801. Local Number STL 214. USGS Observation Well near Port St. Lucie, FL.

LOCATION.--Lat 27°16'18", long 80°24'58", in SW 1/4 SW 1/4 NW 1/4 sec.11, T.37 S., R.39 E., Hydrologic Unit 03090202, approximately 20 ft south of centerline of SW Savage Boulevard and 153 ft east of centerline of SW Brescia Street, approximately 2.5 mi west of Port St. Lucie Boulevard.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 70 ft, cased to 40 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 28.40 ft above National Geodetic Vertical Datum of 1929 Prior to February 1993, measuring point was top of casing, 28.27 ft above NGVD.

LAND-SURFACE DATUM.--Land surface is approximately 27.3 ft above NGVD.

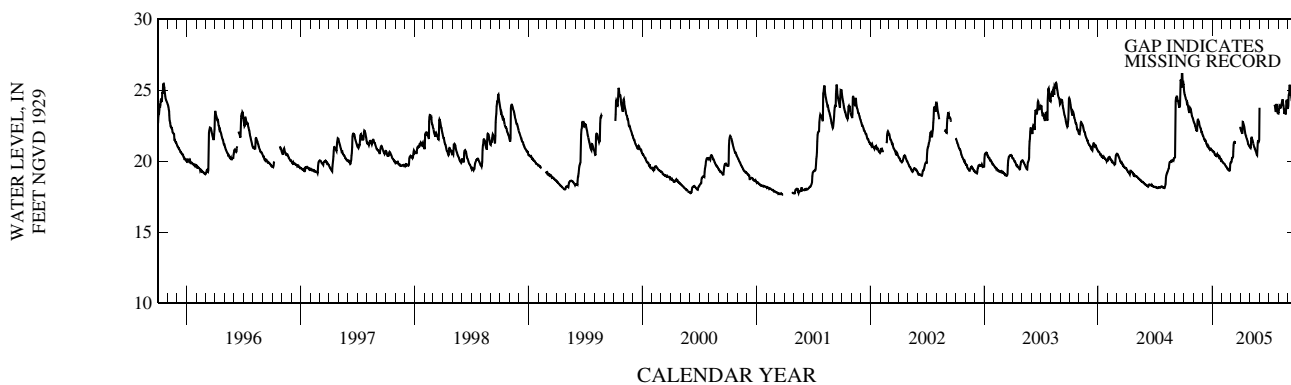
REMARKS.--This well is not at its original depth. Depth was measured at 58.3 ft below land-surface datum on December 27, 1999. The difference between the original and measured depth is likely caused by sand in the formation being forced up the well under hydrostatic pressure.

PERIOD OF RECORD.--May 1988 to October 1989 (semiannual), September 1990 to January 1993 (monthly), February 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 26.44 ft NGVD, Sept. 26, 2004; lowest, 17.64 ft NGVD, Mar. 25, 2001.

ELEVATION ABOVE NGVD 1929, FEET  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	24.66	22.64	21.61	20.67	19.87	20.23	22.05	21.61	---	---	23.91	25.30
10	24.29	22.20	21.45	20.45	19.79	21.13	22.70	21.44	---	---	24.01	24.65
15	23.84	22.92	21.09	20.47	19.59	21.30	22.09	21.01	---	---	24.26	23.93
20	23.61	22.59	20.95	20.42	19.43	---	21.68	20.71	---	23.91	23.34	23.89
25	23.47	22.25	20.87	20.24	19.34	---	21.25	20.83	---	24.04	23.67	24.07
EOM	22.95	21.89	20.77	20.02	19.90	22.42	21.05	21.46	---	23.43	23.75	24.60
MAX	25.23	22.93	21.86	20.73	19.98	---	22.77	21.67	---	---	24.36	25.39



ST. LUCIE COUNTY—Continued

WELL NUMBER.--271755080153001. Local Number STL 175. USGS Observation Well near Port St. Lucie, FL.

LOCATION.--Lat 27°17'55", long 80°15'30", in NW ¼ NW ¼ SE ¼ sec.32, T.36 S., R.41 E., Hydrologic Unit 03090202, 4 ft from north edge of Walton Road, 0.5 mi west of Indian River Drive (County Road 707) approximately 15 ft east of STL-176.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 200 ft, cased to 68 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 21.66 ft above National Geodetic Vertical Datum of 1929. From May 1988 to January 1993, measuring point was top of shelf, 21.97 ft above NGVD. Prior to 1980, top of base was 21.74 ft above NGVD, but was reported as being about 23 ft above NGVD.

LAND-SURFACE DATUM.--Land surface is approximately 18.7 ft above NGVD.

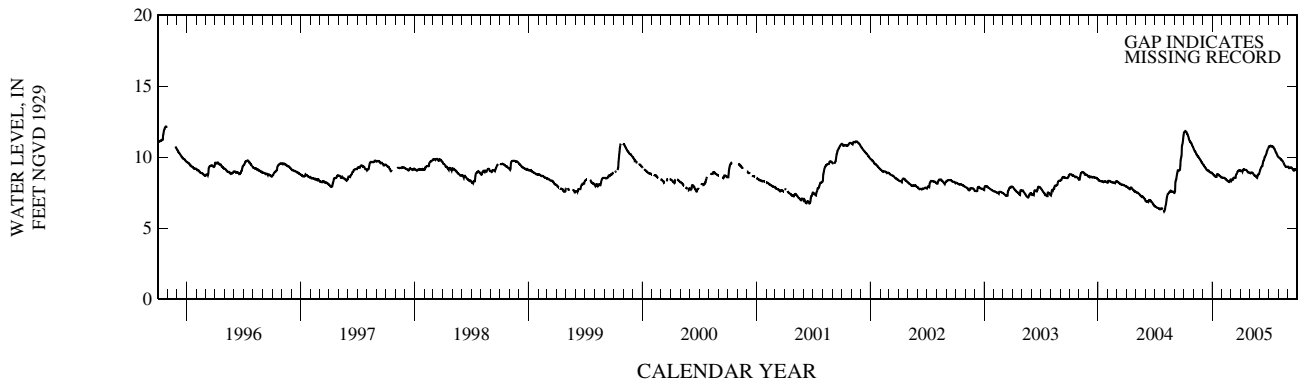
REMARKS.--Despite attempts to clear the well to its full depth, the well has filled with sand from the formation to a depth of 54.5 ft. Station reconstructed in February 1993.

PERIOD OF RECORD.--February 1975 to January 1979 (daily), May 1988 to January 1993 (intermittent), February 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 12.17 ft NGVD, Oct. 26, 1995; lowest, 6.01 ft NGVD, July 28, 1977.

ELEVATION ABOVE NGVD 1929, FEET  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	11.83	10.44	9.42	8.75	8.56	8.43	9.04	8.92	9.20	10.78	9.94	9.23
10	11.77	10.25	9.26	8.63	8.51	8.56	9.14	8.89	9.38	10.77	9.83	9.29
15	11.51	10.07	9.08	8.73	8.40	8.55	9.11	8.73	9.79	10.73	9.69	9.17
20	11.16	9.92	9.05	8.76	8.32	8.84	9.09	8.65	10.09	10.54	9.47	9.07
25	10.99	9.73	8.93	8.67	8.25	9.03	8.94	8.60	10.43	10.28	9.32	9.15
EOM	10.72	9.58	8.87	8.57	8.43	9.07	8.92	8.83	10.68	10.02	9.34	9.08
MAX	11.84	10.65	9.54	8.84	8.57	9.09	9.15	8.93	10.68	10.80	9.99	9.33



ST. LUCIE COUNTY—Continued

WELL NUMBER.--271755080153002. Local Number STL 176. USGS Observation Well near Port St. Lucie, FL.

LOCATION.--Lat 27°17'55", long 80°15'30", in NW ¼ NW ¼ SE ¼ sec.32, T.36 S., R.41 E., Hydrologic Unit 03090202, 4 ft from north edge of Walton Road, 0.5 mi west of Indian River Drive (County Road 707) approximately 15 ft west of STL-175.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 30 ft, cased to 26 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 22.20 ft above National Geodetic Vertical Datum of 1929. From May 1988 to November 1992, measuring point was top of shelf, 22.60 ft above NGVD. Prior to 1980, top of base was 22.30 ft above NGVD, but was reported as being about 23 ft above NGVD.

LAND-SURFACE DATUM.--Land surface is approximately 18.8 ft above NGVD.

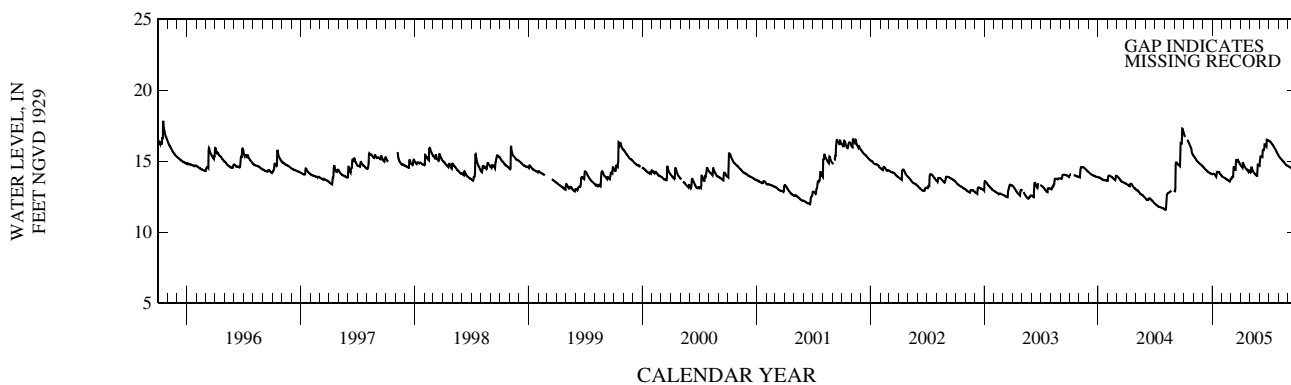
REMARKS.--Despite attempts to clear the well to its full depth, the well has filled with sand from the formation to a depth of 12.4 ft. Station reconstructed in February 1993.

PERIOD OF RECORD.--February 1974 to January 1979 (daily), May 1988 to November 1992 (semiannual), February 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 17.79 ft NGVD, Oct. 17, 18, 1995; lowest, 10.58 ft NGVD, Sept. 1, 1977.

ELEVATION ABOVE NGVD 1929, FEET  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	16.75	15.28	14.55	14.11	13.87	13.88	14.61	14.55	15.34	16.39	15.27	14.61
10	---	15.11	14.43	14.03	13.80	14.57	14.85	14.38	15.29	16.25	15.12	14.53
15	16.41	14.96	14.30	14.17	13.73	14.40	14.58	14.16	15.81	16.10	15.01	14.46
20	16.16	14.85	14.23	14.23	13.67	15.00	14.45	14.04	16.14	15.89	14.88	14.40
25	15.92	14.76	14.15	14.11	13.59	15.03	14.30	14.40	16.52	15.70	14.75	14.62
EOM	15.45	14.66	14.09	13.96	13.74	14.77	14.29	14.68	16.45	15.45	14.66	14.56
MAX	---	15.41	14.64	14.26	13.93	15.10	14.87	14.76	16.52	16.43	15.42	14.65



ST. LUCIE COUNTY—Continued

WELL NUMBER.--272138080374103. Local Number STL 313. USGS Observation Well near Okeechobee, FL.

LOCATION.--Lat 27°21'38", long 80°37'41", in SW 1/4 SW 1/4 NW 1/4 sec.10, T.36 S., R.37 E., Hydrologic Unit 03090202, approximately 400 ft north of State Road 70 and 150 ft west of Old Bessimer Road near V-2 Ranch, 14 mi northeast of Okeechobee, northwest of microwave tower.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 122 ft, cased to 40 ft. Sand has filled in the well to a depth of 40 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 31.69 ft above National Geodetic Vertical Datum of 1929.

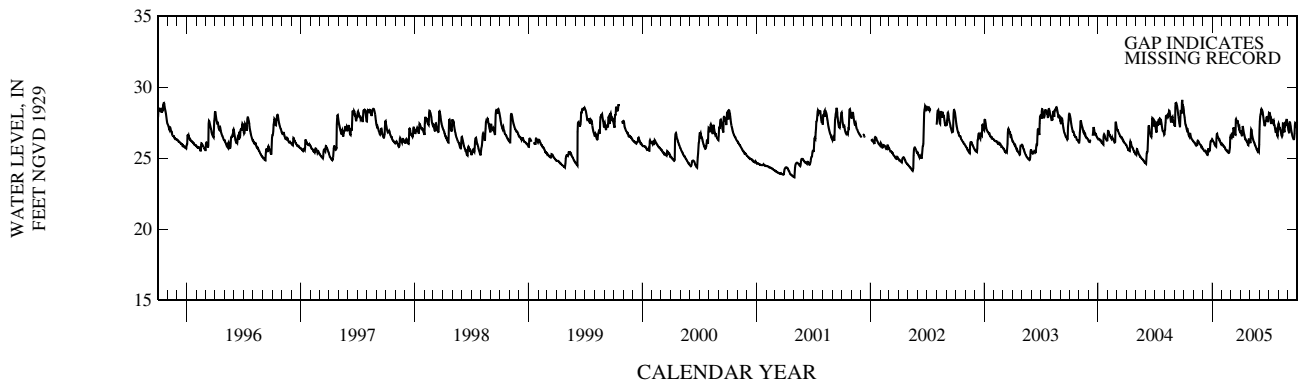
LAND-SURFACE DATUM.--Land surface is approximately 29.1 ft above NGVD.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 29.12 ft NGVD, Sept. 26, 2004; lowest, 23.66 ft NGVD, May 2, 2001.

ELEVATION ABOVE NGVD 1929, FEET  
 WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
 DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	27.67	26.09	25.53	26.14	25.86	26.74	26.61	27.03	28.11	27.99	27.17	27.41
10	27.09	25.94	25.52	25.91	25.75	27.17	26.99	26.45	28.35	27.73	26.64	27.06
15	26.86	26.24	25.25	26.70	25.54	26.67	26.44	26.11	27.54	27.64	27.45	26.52
20	26.67	26.06	25.61	26.46	25.43	27.51	26.23	25.81	27.63	27.18	26.83	26.47
25	26.45	25.91	25.97	26.19	25.59	27.33	25.95	25.53	27.91	27.00	27.38	27.33
EOM	26.22	25.69	26.34	26.01	26.55	26.84	26.20	25.96	27.99	27.37	27.16	27.58
MAX	28.37	26.24	26.34	26.73	26.55	27.76	27.27	27.03	28.46	28.19	27.71	27.58





ST. LUCIE COUNTY—Continued

WELL NUMBER.--272313080182701. Local Number STL 172. USGS Observation Well near Port St. Lucie, FL.

LOCATION.--Lat 27°23'15", long 80°18'34", in NW ¼ NW ¼ SE ¼ sec.35, T.35 S., R.40 E., Hydrologic Unit 03090202, in Savannah Recreation Area, approximately 200 ft east of entrance booth and 15 ft east of STL 298, approximately 0.5 mi north of Midway Road (County Road 712) on Gun Club Road.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 30 ft, cased to 26 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 20.38 ft above National Geodetic Vertical Datum of 1929. Prior to October 1993, top of base was 20.40 ft above NGVD. Prior to 1980, the measuring point was reported as top of casing, 18 ft above NGVD.

LAND-SURFACE DATUM.--Land surface is approximately 16.5 ft above NGVD.

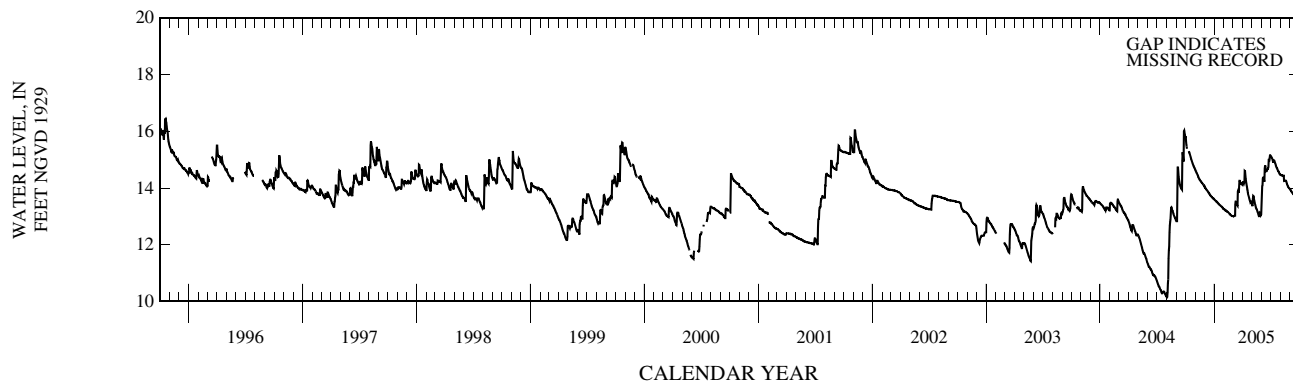
REMARKS.--Station number published incorrectly as 272315080182701 in WDR FL-97-2B 1997. Despite attempts to clear the well to its full depth, the well has filled with sand from the formation to a depth 12.9 ft.

PERIOD OF RECORD.--February 1975 to June 1975 (intermittent), June 1975 to February 1979 (daily), May 1988 to October 1989 (semiannual), September 1990 to September 1993 (monthly), October 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 16.44 ft NGVD, Oct. 19, 1995; lowest, 10.15 ft NGVD, Aug. 2, 2004.

ELEVATION ABOVE NGVD 1929, FEET  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	15.38	14.53	13.97	13.54	13.21	13.01	14.19	13.72	14.31	15.04	14.45	13.88
10	---	14.40	13.89	13.50	13.17	13.52	14.46	13.49	14.22	14.96	14.43	13.80
15	15.16	14.29	13.81	13.43	13.13	13.39	14.04	13.28	14.59	14.87	14.26	13.73
20	14.96	14.21	13.73	13.38	13.07	13.83	13.75	13.14	14.66	14.70	14.21	13.64
25	14.82	14.14	13.66	13.33	13.02	14.18	13.55	13.06	14.99	14.59	14.04	13.61
EOM	14.65	14.06	13.60	13.26	13.01	14.12	13.46	13.06	15.13	14.47	13.96	---
MAX	---	14.63	14.04	13.59	13.25	14.25	14.60	13.72	15.15	15.10	14.46	---



ST. LUCIE COUNTY—Continued

WELL NUMBER.--272427080240201. Local Number STL 213. USGS Observation Well near Fort Pierce, FL.

LOCATION.--Lat 27°24'27", long 80°24'02", in SE 1/4 NE 1/4 NE 1/4 sec.26, T.35 S., R.39 E., Hydrologic Unit 03090202, 15 ft east of Gordy Road, 1 mi south of State Road 70. The intersection of Gordy Road and State Road 70 is one block west of the Florida Turnpike.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 115 ft, cased to 75 ft, screened 75 to 115 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 20.29 ft above National Geodetic Vertical Datum of 1929. Prior to June 22, 1998, top of base was 20.36 ft above NGVD. Prior to January 1993, measuring point was top of casing, 20.26 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 17.8 ft above NGVD.

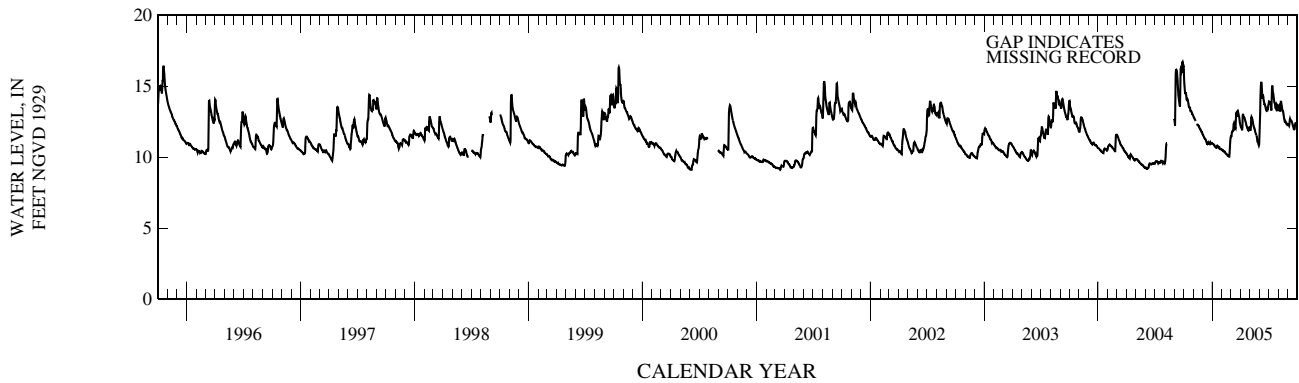
REMARKS.--Revised measuring point because of station reconstruction, and survey of July 2, 1998.

PERIOD OF RECORD.--May 1988 to October 1989 (intermittent), September 1990 to December 1992 (monthly), January 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 16.72 ft NGVD, Sept. 27, 2004; lowest water level measured, 8.91 ft NGVD, Oct. 27, 1988.

ELEVATION ABOVE NGVD 1929, FEET  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	14.64	12.70	11.42	10.90	10.45	11.82	12.02	12.74	14.95	13.83	13.37	12.35
10	14.08	---	11.26	10.73	10.38	12.31	12.92	12.57	14.14	13.88	13.75	12.57
15	13.89	12.27	10.97	10.78	10.22	12.08	12.68	12.05	13.91	14.49	13.25	12.30
20	13.52	12.10	11.03	10.75	10.10	13.12	12.26	11.66	13.57	13.80	12.63	11.96
25	13.25	11.89	10.98	10.58	10.31	13.08	11.92	11.09	13.29	13.74	12.42	12.37
EOM	12.95	11.64	10.99	10.54	11.35	12.36	12.05	10.92	13.73	13.36	12.33	12.54
MAX	16.21	---	11.60	10.97	11.35	13.27	13.06	12.84	15.26	15.05	13.91	12.72



ST. LUCIE COUNTY—Continued

WELL NUMBER.--272524080242801. Local Number STL 125. USGS Observation Well near Fort Pierce, FL.

LOCATION.--Lat 27°25'24", long 80°24'28", in NE ¼ NW ¼ sec.23, T.35 S., R.39 E., Hydrologic Unit 03090202, on Rock Road, 0.14 mi south of White Road, 0.53 mi west of Kings Highway, and 5.0 mi south of Fort Pierce.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 11.77 ft, cased to 11.77 ft.

INSTRUMENTATION.--Satellite data collection platform.

DATUM.--Measuring point: Top of flange, 23.15 ft above National Geodetic Vertical Datum of 1929. Prior to January 31, 2001, measuring point was top of base, 23.22 ft above NGVD. Prior to April 25, 2000, measuring point was top of casing, 23.16 ft above NGVD. Prior to August 1990, measuring point was considered to be top of casing, 22.75 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 20.2 ft above NGVD.

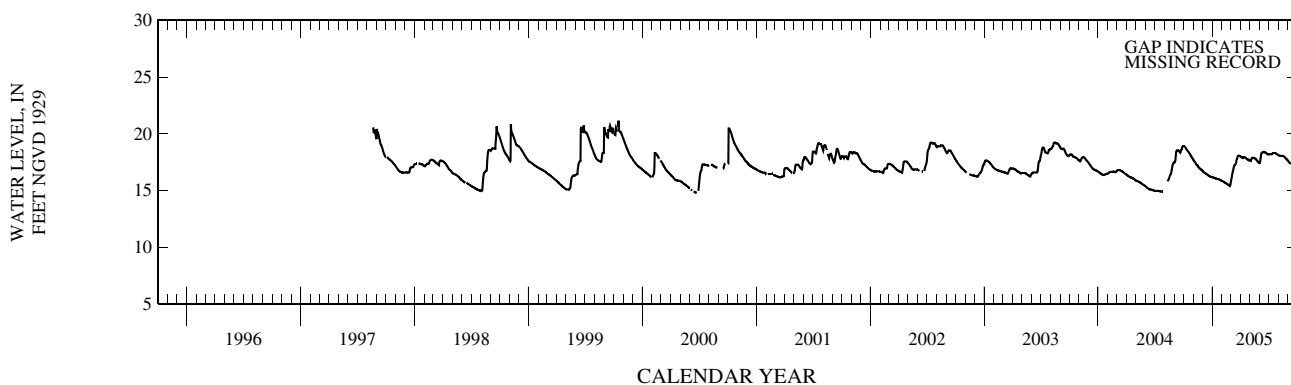
REMARKS.--Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey. The figures of water levels, as elevation in feet NGVD, prior to August 1990 are in error. A +0.41 ft correction is required to correct the water-level data. See DATUM.

PERIOD OF RECORD.--August 1967(intermittent), January 1968 to April 1979 (daily), October 1979 to September 1995 (monthly), August 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 21.17 ft NGVD, Oct. 16, 1999; lowest water level measured, 13.94 ft NGVD (present datum), June 24, 1987.

ELEVATION ABOVE NGVD 1929, FEET  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	18.85	17.53	16.60	16.14	15.80	16.40	17.94	17.70	17.95	18.22	18.07	17.46
10	18.64	17.33	16.50	16.10	15.72	16.98	17.94	17.89	18.33	18.21	18.07	17.41
15	18.46	17.14	16.41	16.04	15.62	17.28	17.94	17.87	18.41	18.32	18.07	17.35
20	18.26	17.00	16.32	16.00	15.54	17.74	17.82	17.76	18.35	18.32	17.97	17.23
25	18.06	16.86	16.24	15.96	15.44	18.08	17.74	17.59	18.25	18.23	17.81	17.09
EOM	17.76	16.75	16.18	15.86	15.63	18.03	17.65	17.49	18.19	18.12	17.63	17.03
MAX	18.93	17.75	16.75	16.18	15.85	18.08	18.01	17.89	18.41	18.32	18.10	17.59



## ST. LUCIE COUNTY—Continued

WELL NUMBER.--272655080401601. Local Number STL 42. USGS Observation Well near Fort Pierce, FL.

LOCATION.--Lat 27°26'55", long 80°40'16", in SE 1/4 NW 1/4 sec.7, T.35 S., R.37 E., Hydrologic Unit 03090202, 85 ft north of State Road 68, 9.8 mi east of U.S. Highway 441 and 20 mi west of Fort Pierce.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Jetted, observation, water-table well, diameter 6 in., depth 18 ft, cased to 13 ft, gravel-packed 13 to 18 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 30.71 ft above National Geodetic Vertical Datum of 1929. From October 1990 to January 1993, measuring point was top of casing, 30.67 ft above NGVD. Prior to October 1990, top of casing was considered to be 30.59 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 28.0 ft above NGVD.

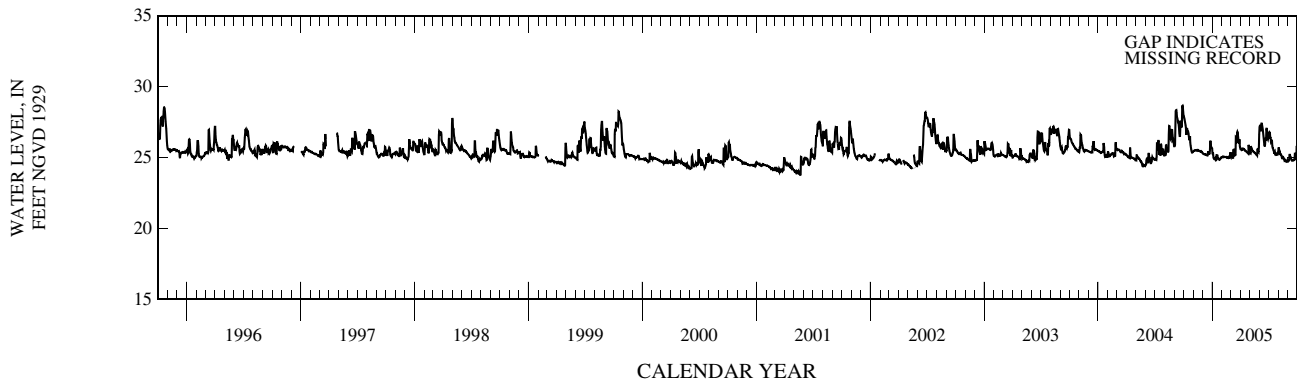
REMARKS.--Records of water levels prior to October 1950 are available in files of the U.S. Geological Survey. The figures of water levels as elevation in feet NGVD, prior to October 1990 are considered to be in error. See DATUM.

PERIOD OF RECORD.--January 1950 to April 1979, May 1979 to December 1993 (monthly), January 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.27 ft NGVD, present datum, Oct. 16, 1956; lowest, 22.70 ft NGVD, present datum, May 22, 1986.

ELEVATION ABOVE NGVD 1929, FEET  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	27.53	25.51	25.24	24.95	25.04	25.15	25.57	25.74	27.03	26.39	25.39	25.11
10	27.00	25.53	25.22	24.97	25.05	25.54	25.60	25.48	27.13	26.26	25.16	24.97
15	26.82	25.55	25.15	25.16	25.02	25.17	25.50	25.37	26.14	25.59	25.10	24.79
20	26.45	25.47	25.30	24.95	25.00	26.02	25.41	25.25	26.39	25.39	24.80	24.85
25	25.58	25.44	26.13	24.88	25.11	26.28	25.30	25.58	26.87	25.27	24.72	24.95
EOM	25.42	25.34	25.65	25.01	25.30	25.69	25.30	26.64	26.71	25.40	24.72	25.44
MAX	27.93	25.55	26.13	25.28	25.37	26.82	25.90	26.64	27.40	26.75	25.67	25.80



## ST. LUCIE COUNTY—Continued

WELL NUMBER.--273109080270301. Local Number STL 264. USGS Observation Well near Fort Pierce, FL.

LOCATION.--Lat 27°31'09", long 80°27'03", in SW ¼ NE ¼ SE ¼ sec.17, T.34 S., R.39 E., Hydrologic Unit 03090202, on west side of ditch and culvert 0.4 mi inside east gate to orange grove. Orange grove is on Indrio Road approximately 0.5 mi west of U.S. Interstate 95, approximately 6 mi west of U.S. Highway 1.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 90 ft, cased to 60 ft.

INSTRUMENTATION.--Electronic data logger.

DATUM.--Measuring point: Top of base, 24.04 ft above National Geodetic Vertical Datum of 1929. From January 1993 to June 8, 2001, top of base was 24.00 ft above NGVD. Prior to January 1993, measuring point was top of casing, 23.90 ft above NGVD. See REMARKS.

LAND-SURFACE DATUM.--Land surface is approximately 22.8 ft above NGVD.

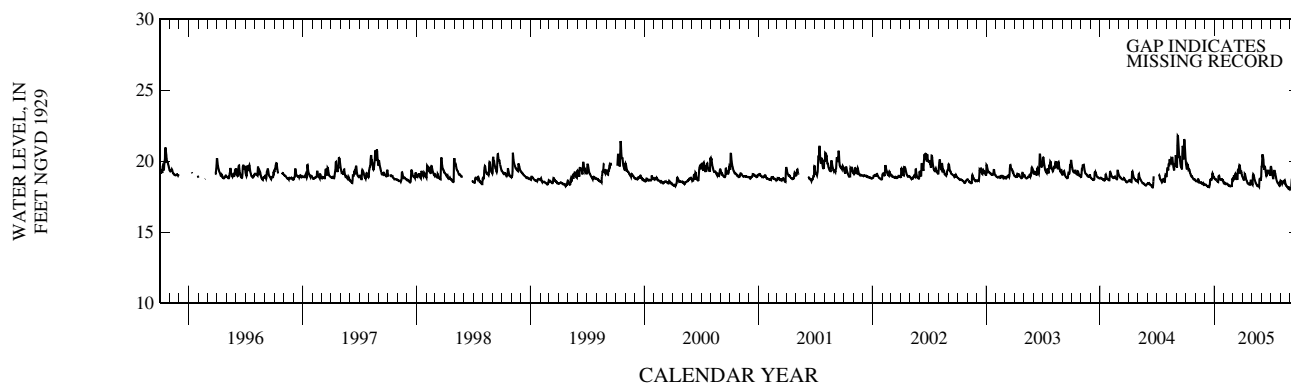
REMARKS.--Revised measuring point because of station reconstruction, and survey of June 8, 2001.

PERIOD OF RECORD.--May 1988 to November 1992 (semiannual), January 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 21.79 ft NGVD, Sept. 5, 2004; lowest, 18.00 ft NGVD, Aug. 31, 2005.

ELEVATION ABOVE NGVD 1929, FEET  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	19.43	18.60	18.34	18.74	18.46	18.96	18.70	19.09	20.31	19.13	18.46	18.42
10	19.37	18.72	18.23	18.59	18.42	19.13	18.97	18.73	19.39	19.27	18.60	18.53
15	19.16	18.50	18.18	18.96	18.30	18.74	18.60	18.41	19.12	19.15	18.62	18.22
20	18.92	18.49	18.72	18.72	18.25	19.13	18.41	18.24	19.39	18.61	18.27	18.12
25	18.76	18.45	19.08	18.70	18.30	19.34	18.38	18.68	19.20	18.46	18.11	18.18
EOM	18.67	18.36	18.87	18.46	18.77	18.96	18.49	18.92	19.54	18.57	18.00	18.53
MAX	20.00	18.72	19.15	18.97	18.77	19.73	19.11	19.09	20.48	19.66	18.67	18.74



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