Water-Data Report 2007

265812080053901 Local number PB 565. USGS Observation Well in Tequesta, FL.

Surficial aquifer system
Palm Beach County, FL

LOCATION.--Lat 26°58'12.9", long 80°05'37.9" referenced to North American Datum of 1983, in NE ¼ NE ¼ NE ¼ sec.25, T.40 S., R.42 E., Palm Beach County, FL, Hydrologic Unit 03090202, near intersection of Old Dixie Highway and County Line Road in Tequesta, and 0.1 mi west of U.S. Highway 1.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 21.9 ft. Upper casing diameter 6 in, top of first opening 21.9 ft, bottom of last opening 21.9 ft. Open-end well.

DATUM.--Land-surface datum is 14.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 17.26 ft above National Geodetic Vertical Datum of 1929, July 2, 1999, to present. Prior to July 2, 1999, measuring point was 17.24 ft above NGVD. See REMARKS.

PERIOD OF RECORD.--April 1970 to current year.

GAGE.--Satellite data collection platform.

REMARKS.--Station reconstructed July 1999, after site was hit by a car. Records of water levels prior to October 1973 are available in files of the U.S. Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 11.39 ft NGVD, Oct. 17, 1995; lowest, 1.19 ft below NGVD, Feb. 14, 2005.

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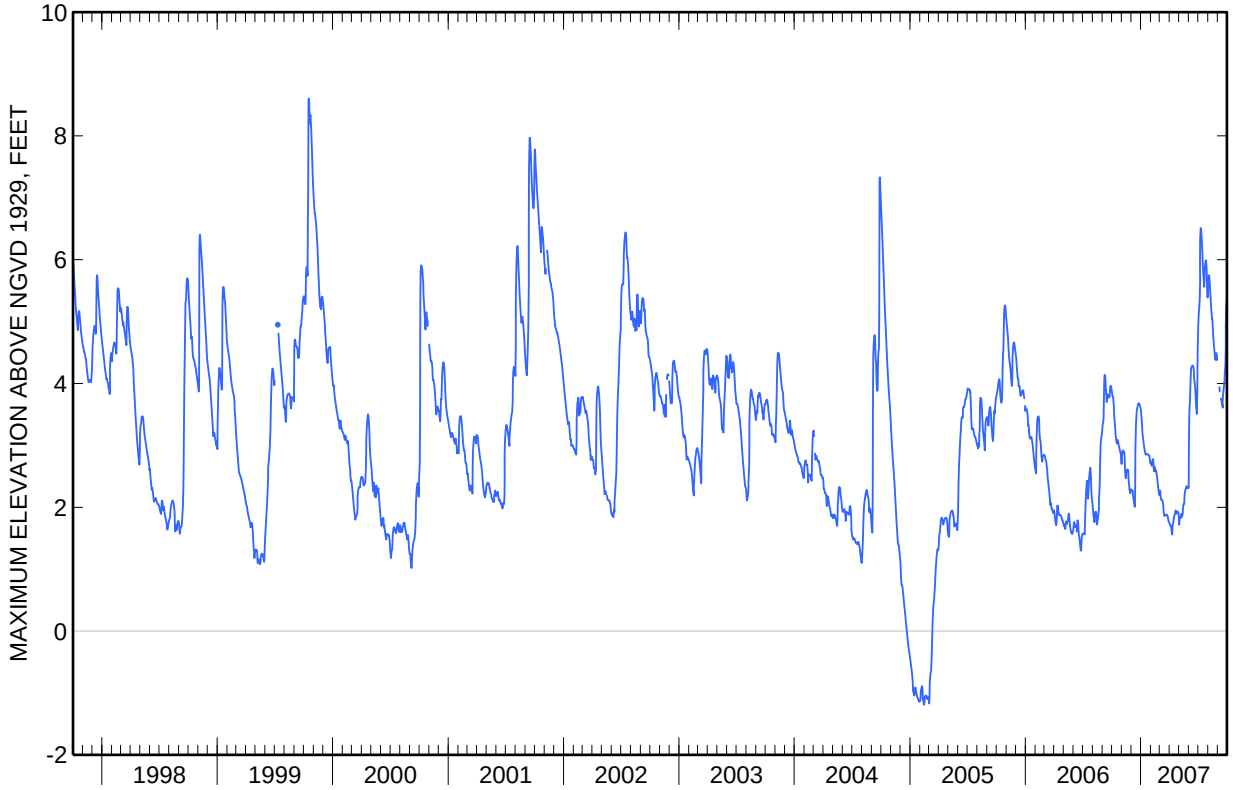
ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MAXIMUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.88	2.70	2.29	3.55	2.72	2.25	1.75	1.80	2.32	4.87	5.46	---
2	3.83	2.83	2.29	3.52	2.72	2.27	1.73	1.72	3.15	5.01	5.56	---
3	3.79	2.90	2.27	3.46	2.70	2.26	1.72	1.81	3.49	5.13	5.65	---
4	3.79	2.92	2.27	3.41	2.67	2.19	1.71	1.83	3.64	5.19	5.74	---
5	3.78	2.92	2.27	3.31	2.72	2.15	1.71	1.85	3.69	5.24	5.75	---
6	3.74	2.90	2.27	3.21	2.75	2.12	1.70	1.85	3.90	5.39	5.71	3.94
7	3.65	2.88	2.21	3.13	2.77	2.12	1.67	1.83	4.07	6.04	5.62	3.87
8	3.56	2.89	2.15	3.09	2.78	2.12	1.62	1.88	4.18	6.48	5.51	---
9	3.46	2.90	2.12	3.05	2.74	2.12	1.58	1.89	4.25	6.51	5.40	---
10	3.39	2.85	2.09	3.04	2.66	2.11	1.56	1.89	4.27	6.51	5.31	---
11	3.33	2.66	2.06	3.01	2.60	2.09	1.70	1.85	4.28	6.45	5.25	3.76
12	3.27	2.58	2.01	2.95	2.58	2.06	1.72	1.88	4.29	6.36	5.20	3.75
13	3.18	2.51	2.01	2.91	2.65	1.99	1.74	1.88	4.29	6.25	5.10	3.72
14	3.13	2.47	2.64	2.89	2.65	1.93	1.78	1.96	4.29	6.13	5.04	3.70
15	3.08	2.55	3.06	2.87	2.61	1.89	1.82	2.02	4.28	6.03	5.04	3.68
16	3.05	2.57	3.28	2.85	2.58	1.86	1.85	2.05	4.26	5.88	4.95	3.65
17	3.03	2.59	3.44	2.85	2.60	1.87	1.87	2.05	4.21	5.78	4.83	3.61
18	3.08	2.61	3.51	2.86	2.60	1.87	1.88	2.06	4.12	5.71	4.74	3.83
19	3.09	2.61	3.57	2.86	2.58	1.87	1.90	2.18	4.07	5.63	4.67	3.89
20	3.08	2.61	3.60	2.86	2.54	1.88	1.94	2.23	4.03	5.56	4.60	3.90
21	3.06	2.61	3.61	2.86	2.49	1.88	1.95	2.26	3.99	5.73	4.54	3.93
22	3.02	2.60	3.65	2.86	2.44	1.87	1.93	2.29	3.89	5.87	4.51	4.06
23	3.00	2.47	3.67	2.86	2.40	1.88	1.90	2.31	3.81	5.93	4.45	4.14
24	2.98	2.40	3.68	2.85	2.35	1.88	1.90	2.32	3.73	5.96	4.39	4.19
25	2.96	2.35	3.68	2.84	2.31	1.87	1.92	2.34	3.62	5.99	4.38	4.25
26	2.93	2.29	3.68	2.84	2.28	1.87	1.93	2.34	3.53	5.99	4.47	4.52
27	2.90	2.26	3.67	2.84	2.24	1.84	1.93	2.33	3.51	5.93	4.49	5.06
28	2.89	2.23	3.66	2.82	2.20	1.83	1.93	2.31	3.73	5.81	4.49	5.26
29	2.88	2.24	3.65	2.78	---	1.79	1.92	2.32	4.30	5.60	4.45	5.33
30	2.82	2.29	3.62	2.74	---	1.77	1.89	2.32	4.62	5.46	4.38	5.38
31	2.74	---	3.60	2.71	---	1.76	---	2.31	---	5.39	---	---
Total	100.37	78.19	91.58	92.68	71.93	61.26	54.15	63.96	117.81	179.81	---	---
Mean	3.24	2.61	2.95	2.99	2.57	1.98	1.80	2.06	3.93	5.80	---	---
Max	3.88	2.92	3.68	3.55	2.78	2.27	1.95	2.34	4.62	6.51	---	---
Min	2.74	2.23	2.01	2.71	2.20	1.76	1.56	1.72	2.32	4.87	---	---

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