

Water-Data Report 2012

262435081535001 Local number L 1635.

Floridan aquifer system
Limestone Aquifer

Lee County, FL

LOCATION.--Lat 26°24'38", long 81°53'48" referenced to North American Datum of 1927, in NE ¼ SW ¼ sec.3, T.47 S., R.24 E., Lee County, FL, Hydrologic Unit 03090204, at Bay Beach Golf Course, 120 ft north of golf shop, 0.2 mi east of Estero Boulevard on Bay Beach Lane, 0.5 mi southeast of Matanzas Pass Bridge and 4.5 mi southeast of Fort Myers Beach Post Office.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 620 ft. Upper casing diameter 6; top of first opening 360 ft, bottom of last opening 620 ft. Artesian well, open hole 360 to 620 ft.

DATUM.--Land-surface datum is 3.51 ft above National Geodetic Vertical Datum of 1929. Measuring point: From February 1975 to present, measuring point has been top of flange on gate valve, 4.71 ft above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--February 1975 to September 1993 (monthly), October 1993 to September 1994 (intermittent), October 1994 to September 2002 (monthly), October 2002 to February 2012 (discontinued).

GAGE.--Electronic data logger with pressure transducer.

REMARKS.--Data from artesian wells measured with a calibrated pressure gage are considered accurate to +/- 0.1 ft. Records of water levels prior to October 1975 are available in files of U.S. Geological Survey. Continuous and daily records of water-level elevations below 4.70 ft NGVD are considered unreliable. Daily water-level elevations above the effective measuring point of the inline pressure transducer used at the site are considered accurate. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.7 ft NGVD, Sept. 27, 1979; lowest daily maximum water level, 4.7 ft NGVD, Apr. 10, 2006. See REMARKS.

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ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MAXIMUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.17	9.61	8.63	8.40	8.03	---	---	---	---	---	---	---
2	8.97	9.04	8.51	8.42	---	---	---	---	---	---	---	---
3	8.88	9.04	8.34	7.80	8.00	---	---	---	---	---	---	---
4	8.61	9.63	8.26	7.95	8.01	---	---	---	---	---	---	---
5	8.51	9.27	8.97	8.27	---	---	---	---	---	---	---	---
6	---	9.15	9.31	8.23	7.67	---	---	---	---	---	---	---
7	8.85	9.37	8.94	8.38	8.27	---	---	---	---	---	---	---
8	8.97	9.80	8.54	8.09	8.23	---	---	---	---	---	---	---
9	9.48	9.53	8.65	8.03	7.75	---	---	---	---	---	---	---
10	9.82	9.21	8.46	8.50	8.09	---	---	---	---	---	---	---
11	9.83	9.13	8.25	8.27	8.21	---	---	---	---	---	---	---
12	9.79	8.84	8.16	7.81	7.72	---	---	---	---	---	---	---
13	9.75	8.91	8.06	7.81	8.02	---	---	---	---	---	---	---
14	9.70	9.05	8.12	7.42	8.57	---	---	---	---	---	---	---
15	9.49	8.69	8.51	7.69	7.92	---	---	---	---	---	---	---
16	8.51	8.59	8.58	7.86	---	---	---	---	---	---	---	---
17	9.14	8.43	9.11	8.08	---	---	---	---	---	---	---	---
18	10.18	9.18	8.43	8.25	---	---	---	---	---	---	---	---
19	10.04	8.65	8.58	7.98	---	---	---	---	---	---	---	---
20	9.66	8.31	8.67	8.37	---	---	---	---	---	---	---	---
21	9.74	---	9.04	8.33	---	---	---	---	---	---	---	---
22	9.69	---	8.75	8.02	---	---	---	---	---	---	---	---
23	9.82	9.61	8.96	7.80	---	---	---	---	---	---	---	---
24	9.78	9.25	8.73	7.79	---	---	---	---	---	---	---	---
25	9.53	9.51	8.64	7.88	---	---	---	---	---	---	---	---
26	9.93	9.39	8.39	7.67	---	---	---	---	---	---	---	---
27	9.93	9.39	8.74	8.06	---	---	---	---	---	---	---	---
28	10.19	9.40	8.77	7.79	---	---	---	---	---	---	---	---
29	10.19	9.35	8.32	7.48	---	---	---	---	---	---	---	---
30	9.82	9.45	8.78	7.31	---	---	---	---	---	---	---	---
31	9.92	---	8.59	7.85	---	---	---	---	---	---	---	---
Total	---	---	266.79	247.59	---	---	---	---	---	---	---	---
Mean	---	---	8.61	7.99	---	---	---	---	---	---	---	---
Max	---	---	9.31	8.50	---	---	---	---	---	---	---	---
Min	---	---	8.06	7.31	---	---	---	---	---	---	---	---

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