Water-Data Report 2011

270137082235301 Local number Manasota Deep Well 14 near Englewood, FL.

Intermediate aquifer system
Hawthorn Formation

Sarasota County, FL

LOCATION.--Lat 27°01'38.8", long 82°23'52.6" referenced to North American Datum of 1983, in NE ¼ NW ¼ SW ¼ sec.3, T.40 S., R.19 E., Sarasota County, FL, Hydrologic Unit 03100201, 30 ft west of State Highway 775, and 5.0 mi northwest of Englewood.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 305 ft. Upper casing diameter 4.00 in; top of first opening 263 ft, bottom of last opening 305 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 15.92 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelter floor, 10.60 ft above land-surface datum, Mar. 11, 1966, to present.

PERIOD OF RECORD.--November 1966 to current year. Records of water levels prior to January 1974 are not published but are available in files of the Geological Survey.

GAGE.--Water-stage recorder--60-minute interval.

COOPERATION.--This gage is monitored in cooperation with Southwest Florida Water Management District.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 22.70 ft NGVD, Nov. 30, 1971; lowest, 15.55 ft NGVD, May 14, 2009.

Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 270137082235301, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/270137082235301.2011.pdf

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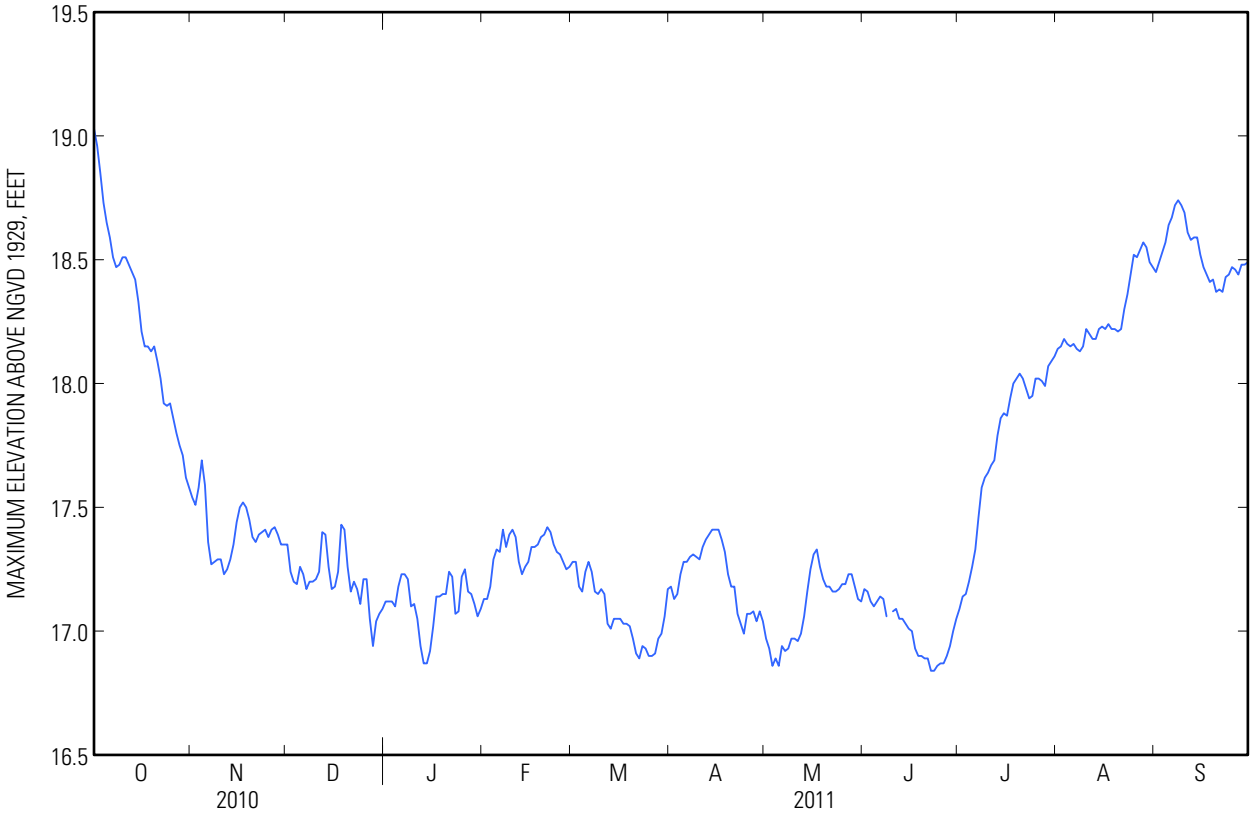
ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MAXIMUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	19.03	17.54	17.35	17.12	17.13	17.28	17.18	16.97	17.17	17.09	18.14	18.45
2	18.96	17.51	17.24	17.12	17.13	17.28	17.13	16.93	17.16	17.14	18.15	18.49
3	18.85	17.58	17.20	17.12	17.18	17.18	17.15	16.86	17.12	17.15	18.18	18.53
4	18.73	17.69	17.19	17.10	17.29	17.16	17.23	16.89	17.10	17.20	18.16	18.57
5	18.65	17.59	17.26	17.18	17.33	17.24	17.28	16.86	17.12	17.26	18.15	18.64
6	18.59	17.36	17.23	17.23	17.32	17.28	17.28	16.94	17.14	17.33	18.16	18.67
7	18.51	17.27	17.17	17.23	17.41	17.24	17.30	16.92	17.13	17.46	18.14	18.72
8	18.47	17.28	17.20	17.21	17.34	17.16	17.31	16.93	17.06	17.58	18.13	18.74
9	18.48	17.29	17.20	17.10	17.39	17.15	17.30	16.97	---	17.62	18.15	18.72
10	18.51	17.29	17.21	17.11	17.41	17.17	17.29	16.97	17.08	17.64	18.22	18.69
11	18.51	17.23	17.24	17.05	17.38	17.15	17.34	16.96	17.09	17.67	18.20	18.61
12	18.48	17.25	17.40	16.94	17.28	17.03	17.37	16.99	17.05	17.69	18.18	18.58
13	18.45	17.29	17.39	16.87	17.23	17.01	17.39	17.06	17.05	17.79	18.18	18.59
14	18.42	17.35	17.26	16.87	17.26	17.05	17.41	17.16	17.03	17.86	18.22	18.59
15	18.33	17.44	17.17	16.92	17.28	17.05	17.41	17.25	17.01	17.88	18.23	18.52
16	18.21	17.50	17.18	17.02	17.34	17.05	17.41	17.31	17.00	17.87	18.22	18.47
17	18.15	17.52	17.24	17.14	17.34	17.03	17.37	17.33	16.93	17.94	18.24	18.44
18	18.15	17.50	17.43	17.14	17.35	17.03	17.32	17.26	16.90	18.00	18.22	18.41
19	18.13	17.45	17.41	17.15	17.38	17.02	17.23	17.21	16.90	18.02	18.22	18.42
20	18.15	17.38	17.26	17.15	17.39	16.97	17.18	17.18	16.89	18.04	18.21	18.37
21	18.09	17.36	17.16	17.24	17.42	16.91	17.18	17.18	16.89	18.02	18.22	18.38
22	18.02	17.39	17.20	17.22	17.40	16.89	17.07	17.16	16.84	17.98	18.30	18.37
23	17.92	17.40	17.17	17.07	17.35	16.94	17.03	17.16	16.84	17.94	18.36	18.43
24	17.91	17.41	17.11	17.08	17.32	16.93	16.99	17.17	16.86	17.95	18.44	18.44
25	17.92	17.38	17.21	17.22	17.31	16.90	17.07	17.19	16.87	18.02	18.52	18.47
26	17.86	17.41	17.21	17.25	17.28	16.90	17.07	17.19	16.87	18.02	18.51	18.46
27	17.80	17.42	17.05	17.16	17.25	16.91	17.08	17.23	16.90	18.01	18.54	18.44
28	17.75	17.39	16.94	17.15	17.26	16.97	17.04	17.23	16.94	17.99	18.57	18.48
29	17.71	17.35	17.04	17.11	---	16.99	17.08	17.18	17.00	18.07	18.55	18.48
30	17.62	17.35	17.07	17.06	---	17.06	17.04	17.13	17.05	18.09	18.49	18.49
31	17.58	---	17.09	17.09	---	17.17	---	17.12	---	18.11	18.47	---
Mean	18.26	17.41	17.21	17.11	17.31	17.07	17.22	17.09	---	17.76	18.28	18.52
Max	19.03	17.69	17.43	17.25	17.42	17.28	17.41	17.33	---	18.11	18.57	18.74
Min	17.58	17.23	16.94	16.87	17.13	16.89	16.99	16.86	---	17.09	18.13	18.37

	Calendar Year 2010
Mean	18.27
Max	19.24
Min	16.94

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