Water-Data Report 2011

272539082292004 Local number ROMP TR 7-4 Hawthorn Well near Bradenton, FL.

Intermediate aquifer system
Hawthorn Formation

Manatee County, FL

LOCATION.--Lat 27°25'40.2", long 82°29'20.7" referenced to North American Datum of 1983, in NW ¼ SW ¼ NE ¼ sec.22, T.35 S., R.18 E., Manatee County, FL, Hydrologic Unit 03100202, on southwest shore of Ward Lake Reservoir, 1.25 mi south of State Highway 70, 2.0 mi west of Interstate I-75, and 5.0 mi southeast of Bradenton.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 268 ft. Upper casing diameter 6.0 in; top of first opening 213 ft, bottom of last opening 268 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 17.01 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelter floor, 13.09 ft above land-surface datum. Levels by Southwest Florida Water Management District.

PERIOD OF RECORD.--November 1989 to September 2011 (discontinued).

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

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

REMARKS.--Water level affected by pumping of nearby irrigation wells.

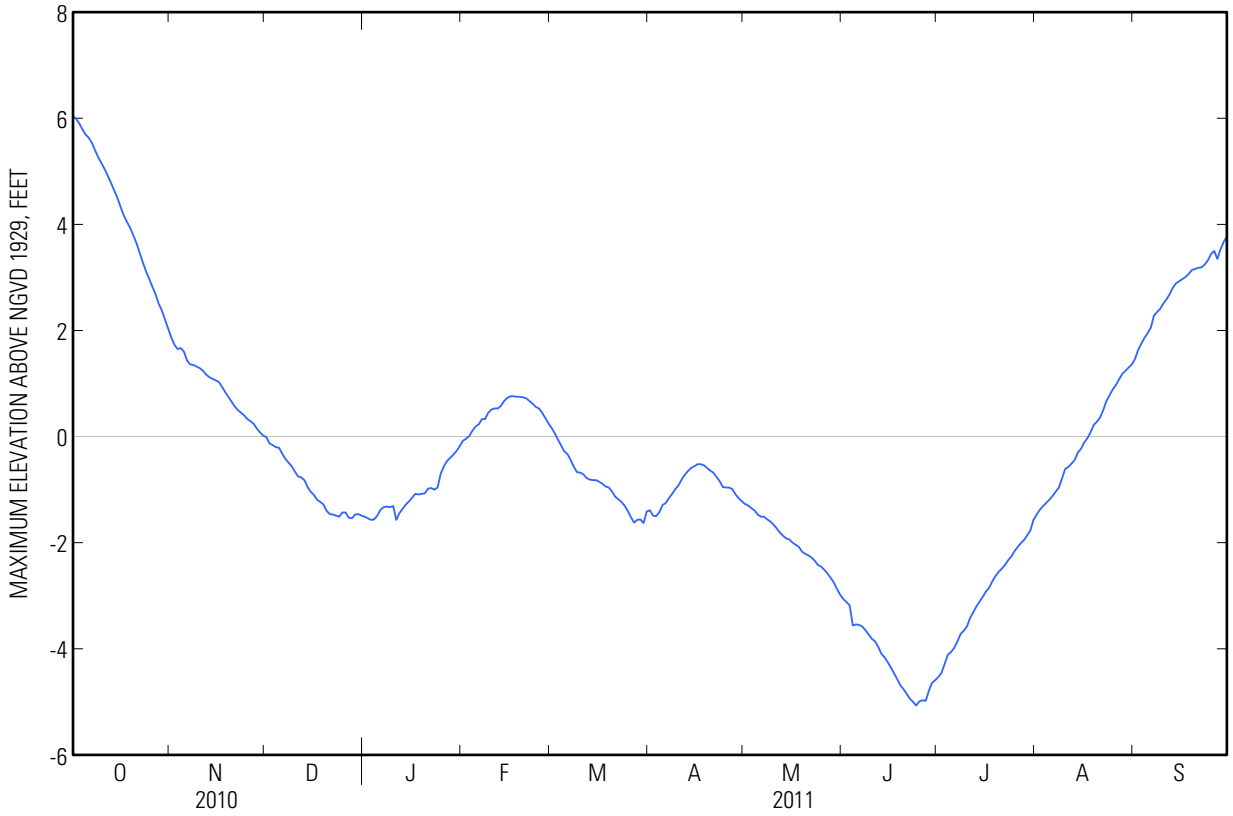
EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 19.12 ft NGVD, Oct. 20, 1995; lowest, 7.96 ft below NGVD, May 16, 2009.

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 272539082292004, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/272539082292004.2011.pdf

272539082292004 Local number ROMP TR 7-4 Hawthorn Well near Bradenton, FL.—Continued

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	6.04	1.87	-0.01	-1.51	-0.08	0.16	-1.39	-1.27	-3.06	-4.53	-1.47	1.46
2	5.99	1.73	-0.13	-1.54	-0.04	0.06	-1.49	-1.30	-3.12	-4.45	-1.38	1.63
3	5.90	1.65	-0.16	-1.57	0.01	-0.06	-1.50	-1.35	-3.18	-4.28	-1.31	1.75
4	5.79	1.67	-0.20	-1.56	0.11	-0.17	-1.42	-1.39	-3.56	-4.11	-1.25	1.86
5	5.69	1.60	-0.21	-1.49	0.19	-0.28	-1.29	-1.47	-3.54	-4.06	-1.19	1.95
6	5.63	1.43	-0.32	-1.38	0.23	-0.33	-1.25	-1.51	-3.55	-3.98	-1.12	2.05
7	5.53	1.36	-0.42	-1.33	0.33	-0.44	-1.16	-1.51	-3.58	-3.86	-1.04	2.28
8	5.39	1.35	-0.49	-1.32	0.33	-0.57	-1.08	-1.56	-3.65	-3.72	-0.96	2.35
9	5.26	1.32	-0.56	-1.33	0.45	-0.67	-0.99	-1.60	-3.73	-3.66	-0.79	2.41
10	5.15	1.29	-0.66	-1.31	0.51	-0.68	-0.92	-1.66	-3.81	-3.58	-0.61	2.51
11	5.04	1.24	-0.75	-1.57	0.53	-0.71	-0.81	-1.73	-3.86	-3.42	-0.57	2.59
12	4.91	1.17	-0.77	-1.44	0.53	-0.78	-0.72	-1.81	-3.96	-3.31	-0.51	2.69
13	4.78	1.12	-0.82	-1.36	0.58	-0.81	-0.65	-1.87	-4.09	-3.20	-0.44	2.81
14	4.64	1.09	-0.95	-1.28	0.67	-0.82	-0.59	-1.92	-4.16	-3.11	-0.30	2.89
15	4.50	1.06	-1.04	-1.22	0.73	-0.82	-0.56	-1.94	-4.25	-3.02	-0.23	2.93
16	4.33	1.03	-1.10	-1.15	0.76	-0.85	-0.52	-2.00	-4.35	-2.92	-0.11	2.97
17	4.17	0.94	-1.19	-1.08	0.76	-0.89	-0.52	-2.04	-4.46	-2.85	-0.03	3.01
18	4.05	0.84	-1.23	-1.09	0.75	-0.94	-0.54	-2.08	-4.57	-2.73	0.08	3.07
19	3.94	0.75	-1.28	-1.08	0.75	-0.96	-0.59	-2.17	-4.69	-2.63	0.22	3.14
20	3.80	0.66	-1.40	-1.07	0.74	-1.03	-0.64	-2.21	-4.76	-2.55	0.28	3.16
21	3.65	0.57	-1.46	-0.98	0.72	-1.13	-0.68	-2.24	-4.85	-2.49	0.36	3.18
22	3.47	0.50	-1.47	-0.97	0.67	-1.18	-0.76	-2.28	-4.94	-2.42	0.50	3.19
23	3.29	0.45	-1.49	-1.00	0.62	-1.23	-0.84	-2.34	-5.00	-2.33	0.67	3.24
24	3.12	0.40	-1.51	-0.96	0.56	-1.30	-0.95	-2.42	-5.07	-2.26	0.78	3.32
25	2.98	0.33	-1.43	-0.70	0.53	-1.40	-0.96	-2.45	-4.99	-2.16	0.89	3.44
26	2.83	0.29	-1.43	-0.56	0.45	-1.52	-0.96	-2.51	-4.97	-2.08	0.97	3.50
27	2.69	0.24	-1.53	-0.46	0.35	-1.62	-0.99	-2.58	-4.98	-2.01	1.08	3.35
28	2.51	0.15	-1.54	-0.40	0.25	-1.57	-1.09	-2.66	-4.79	-1.95	1.18	3.53
29	2.38	0.08	-1.47	-0.34	---	-1.56	-1.16	-2.75	-4.64	-1.86	1.24	3.67
30	2.21	0.02	-1.46	-0.27	---	-1.63	-1.22	-2.87	-4.59	-1.77	1.30	3.77
31	2.04	---	-1.49	-0.18	---	-1.41	---	-2.98	---	-1.57	1.36	---
Max	6.04	1.87	-0.01	-0.18	0.76	0.16	-0.52	-1.27	-3.06	-1.57	1.36	3.77
Min	2.04	0.02	-1.54	-1.57	-0.08	-1.63	-1.50	-2.98	-5.07	-4.53	-1.47	1.46

	Water Year 2011
Max	6.04
Min	-5.07

272539082292004 Local number ROMP TR 7-4 Hawthorn Well near Bradenton, FL.—Continued