

Water-Data Report 2007

282738081341401 Local number Lake Sawyer Well near Windermere, FL.

Floridan aquifer system
Floridan Aquifer
Orange County, FL

LOCATION.--Lat 28°27'38", long 81°34'14" referenced to North American Datum of 1927, in SW ¼ NE ¼ NW ¼ sec.25, T.23 S., R.27 E., Orange County, FL, Hydrologic Unit 03090101, on Overstreet Road, 0.6 mi west of State Highway 535, and 3.2 mi southwest of Windermere. Owner: U.S. Geological Survey.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 178 ft. Upper casing diameter 4 in, top of first opening 103 ft, bottom of last opening 178 ft. Drilled, unused, observation well, cased to 103 ft.

DATUM.--Land-surface datum is 119.64 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 2.88 ft above land-surface datum, Oct. 3, 1980, to Nov. 14, 2006; Top of PVC coupling, 0.25 ft below land-surface datum, June 6, 2007, to present. Prior to Nov. 14, 2006, measuring point was 0.47 ft lower. Prior to Nov. 14, 2006, land-surface datum was 3.60 ft lower.

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder and data-collection platform--15-minute interval.

REMARKS.--No record November 15, 2006 to June 5, 2007 due to road construction.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 87.98 ft above NGVD of 1929, Mar. 20, 21, 1998; lowest, 70.36 ft above NGVD of 1929, June 22, 2000.

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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	---	79.00	---	---	---	---	---	---	---	75.60	77.82	77.43
2	---	78.50	---	---	---	---	---	---	---	76.14	78.10	77.44
3	---	78.42	---	---	---	---	---	---	---	76.73	78.30	77.42
4	79.25	78.45	---	---	---	---	---	---	---	76.84	78.33	77.47
5	79.32	78.08	---	---	---	---	---	---	---	76.86	78.31	77.47
6	79.46	78.45	---	---	---	---	---	---	75.48	76.97	78.26	77.35
7	79.52	79.13	---	---	---	---	---	---	75.40	77.03	78.02	77.10
8	79.41	79.56	---	---	---	---	---	---	75.92	77.03	77.90	77.23
9	79.29	79.57	---	---	---	---	---	---	76.06	76.96	77.62	77.37
10	79.11	79.57	---	---	---	---	---	---	76.05	76.76	77.31	77.43
11	78.84	79.65	---	---	---	---	---	---	75.97	77.00	76.94	77.70
12	78.83	79.60	---	---	---	---	---	---	76.14	76.98	76.47	77.80
13	78.99	79.18	---	---	---	---	---	---	76.35	76.89	76.40	77.81
14	79.08	79.23	---	---	---	---	---	---	76.45	76.86	76.32	77.87
15	79.09	---	---	---	---	---	---	---	76.48	76.92	75.92	77.99
16	79.27	---	---	---	---	---	---	---	76.42	76.96	75.57	78.08
17	79.42	---	---	---	---	---	---	---	76.36	77.02	75.59	78.21
18	79.44	---	---	---	---	---	---	---	76.32	77.00	75.58	78.14
19	78.85	---	---	---	---	---	---	---	75.77	76.88	75.87	78.34
20	78.52	---	---	---	---	---	---	---	75.66	76.89	75.87	78.40
21	78.25	---	---	---	---	---	---	---	75.60	76.94	75.65	78.46
22	78.04	---	---	---	---	---	---	---	75.35	77.18	75.19	78.42
23	78.56	---	---	---	---	---	---	---	75.44	77.36	74.83	78.43
24	78.59	---	---	---	---	---	---	---	75.38	77.54	75.40	78.55
25	78.47	---	---	---	---	---	---	---	75.75	77.55	76.35	78.61
26	78.07	---	---	---	---	---	---	---	75.98	77.43	76.76	78.65
27	78.42	---	---	---	---	---	---	---	76.03	77.42	77.04	78.62
28	78.56	---	---	---	---	---	---	---	75.98	77.32	77.26	78.60
29	78.88	---	---	---	---	---	---	---	76.02	77.34	77.38	78.49
30	79.04	---	---	---	---	---	---	---	75.96	77.41	77.39	78.41
31	79.06	---	---	---	---	---	---	---	---	77.55	77.33	---
Max	---	---	---	---	---	---	---	---	---	77.55	78.33	78.65
Min	---	---	---	---	---	---	---	---	---	75.60	74.83	77.10

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