

Water-Data Report 2011

282835081305201 Local number Palm Lake Drive Well near Windermere, FL.

Floridan aquifer system
Floridan Aquifer System

Orange County, FL

LOCATION.--Lat 28°28'39", long 81°30'26" referenced to North American Datum of 1927, in SE ¼ NW ¼ NW ¼ sec.22, T.23 S., R.28 E., Orange County, FL, Hydrologic Unit 03090101, 2.0 mi southwest of Windermere, and 2.3 mi north of Doctor Phillips. Owner: U.S. Geological Survey.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 235 ft. Upper casing diameter 4 in; top of first opening 161 ft, bottom of last opening 235 ft. Drilled, unused, observation well, cased to 161 ft.

DATUM.--Land-surface datum is 157.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 2.56 ft above land-surface datum, Oct. 2, 1980, to present.

PERIOD OF RECORD.--October 1980 to June 1981 (bimonthly); July 1981 to current year.

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

REMARKS.--Water levels affected by nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 78.55 ft above NGVD of 1929, Sept. 26, 2004; lowest, 57.07 ft above NGVD of 1929, June 15, 2000.

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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	69.70	65.90	67.13	66.71	69.31	67.03	67.95	64.24	63.50	65.80	64.89	66.42
2	69.42	66.65	66.90	66.61	69.17	66.88	68.09	64.13	63.91	65.91	65.85	67.03
3	68.71	66.85	67.04	66.71	68.82	66.53	67.98	64.56	63.62	65.67	65.38	66.85
4	68.72	67.43	66.74	66.77	69.10	66.90	68.45	63.71	63.98	65.42	65.26	66.18
5	68.72	67.36	66.60	66.95	68.84	66.72	68.73	64.11	63.46	65.48	65.30	66.81
6	68.20	66.97	66.92	67.07	68.81	66.59	68.50	64.57	62.41	64.92	65.38	66.99
7	68.04	66.76	67.42	67.45	69.13	66.69	68.44	64.52	62.68	65.43	65.38	66.73
8	68.03	66.93	67.52	67.23	69.20	66.97	68.27	64.20	63.05	65.67	65.28	66.97
9	67.65	67.43	66.94	67.11	69.22	66.53	68.17	64.09	63.21	65.79	65.88	67.88
10	67.14	66.77	67.30	67.38	69.12	67.38	67.24	64.34	63.19	65.74	66.35	67.42
11	67.77	66.49	67.09	67.73	69.23	67.57	67.25	64.28	62.99	66.08	66.33	67.43
12	67.74	66.62	67.23	67.68	68.88	67.20	67.13	63.41	62.61	66.30	66.16	67.64
13	67.45	66.57	67.33	67.72	68.62	66.97	66.68	64.44	62.68	65.71	66.00	66.99
14	67.26	66.38	67.52	67.82	68.70	66.82	66.42	64.37	63.46	65.79	65.81	66.22
15	67.49	66.38	67.58	67.29	68.86	66.85	66.40	64.66	63.12	67.19	66.05	65.99
16	66.90	66.74	67.25	66.88	68.81	66.41	66.57	64.78	63.22	67.74	66.26	66.32
17	66.76	66.79	67.22	68.17	68.06	66.12	65.86	65.07	63.10	67.30	66.16	66.19
18	67.11	66.68	67.27	68.16	68.01	65.69	66.56	64.39	62.99	67.32	68.48	65.58
19	67.02	66.60	67.29	68.31	67.36	65.83	66.67	64.22	63.14	67.18	66.86	66.20
20	66.57	66.47	67.26	68.42	67.57	65.23	66.12	63.88	63.13	66.41	66.71	66.59
21	66.56	66.22	67.43	69.47	67.57	65.70	65.79	63.64	62.72	66.16	66.83	66.42
22	66.85	66.32	67.41	68.78	67.47	65.69	65.86	63.20	62.40	65.68	66.95	66.39
23	66.44	66.55	67.33	68.68	67.38	65.05	65.77	63.47	62.34	65.80	66.78	67.36
24	66.30	66.37	67.48	68.97	67.35	65.18	64.73	63.52	63.08	65.71	66.57	67.49
25	66.49	66.66	67.45	70.06	67.38	65.29	65.56	62.81	63.54	65.63	66.78	66.98
26	66.50	66.82	67.25	69.39	67.05	65.25	65.63	62.64	64.03	65.39	66.73	68.22
27	66.09	66.26	67.32	69.33	66.91	64.51	65.43	62.94	64.30	65.27	66.23	67.64
28	65.98	66.50	67.39	69.47	66.67	66.01	65.17	63.06	64.56	65.18	66.20	67.01
29	65.96	66.83	67.31	69.06	---	66.46	65.07	63.46	65.08	65.24	65.98	66.98
30	65.65	67.31	66.92	68.95	---	66.72	65.01	63.59	65.30	64.87	65.75	67.03
31	65.63	---	67.01	69.12	---	68.78	---	63.42	---	64.75	66.12	---
Max	69.70	67.43	67.58	70.06	69.31	68.78	68.73	65.07	65.30	67.74	68.48	68.22
Min	65.63	65.90	66.60	66.61	66.67	64.51	64.73	62.64	62.34	64.75	64.89	65.58

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