

Water-Data Report 2007

281918082264601 Local number State Highway 52 Well near Gowers Corner, FL.

Floridan aquifer system

Floridan Aquifer

Pasco County, FL

LOCATION.--Lat 28°19'18.9", long 82°26'45.9" referenced to North American Datum of 1983, in SE ¼ NE ¼ SW ¼ sec.7, T.25 S., R.19 E., Pasco County, FL, Hydrologic Unit 03100207, 30 ft north of State Highway 52, and 3.3 mi east of Gowers Corner.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 73 ft. Upper casing diameter 6.00 in., top of first opening 38 ft, bottom of last opening 73 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 79.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelter floor, 2.43 ft above land-surface datum, Oct. 9, 1974, to present.

PERIOD OF RECORD.--May 1965 to current year. Records of water levels prior to January 1974 are not published but are available in files of the Geological Survey. Prior to October 1978, published as State Highway 52 Well east of Gowers Corner.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 77.93 ft NGVD, Dec. 10, 1969; lowest, 62.90 ft NGVD, June 22, 2001.

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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	70.88	69.68	69.12	69.20	68.61	68.19	67.62	67.16	66.41	66.07	68.42	69.08
2	70.81	69.62	69.09	69.19	68.56	68.17	67.61	67.11	66.53	66.05	68.71	69.08
3	70.73	69.58	69.08	69.20	68.56	68.18	67.56	67.07	66.55	66.07	68.91	69.15
4	70.72	69.56	69.06	69.21	68.56	68.20	67.57	67.05	66.53	66.04	69.10	69.20
5	70.65	69.53	69.01	69.19	68.53	68.18	67.56	67.04	66.52	66.03	69.23	69.19
6	70.58	69.51	69.00	69.17	68.52	68.17	67.52	67.04	66.52	66.01	69.30	69.17
7	70.54	69.56	68.97	69.15	68.52	68.16	67.50	67.03	66.52	65.99	69.35	69.18
8	70.48	69.57	68.90	69.14	68.50	68.14	67.47	67.03	66.52	65.98	69.37	69.20
9	70.45	69.53	68.90	69.10	68.47	68.09	67.48	67.01	66.57	65.95	69.37	69.20
10	70.40	69.49	68.89	69.06	68.45	68.07	67.51	67.00	66.56	65.92	69.38	69.17
11	70.37	69.47	68.85	69.04	68.42	68.04	67.52	66.96	66.51	65.90	69.36	69.14
12	70.39	69.43	68.84	69.01	68.43	68.03	67.55	66.93	66.50	65.87	69.39	69.12
13	70.36	69.41	68.84	68.98	68.47	68.02	67.56	66.91	66.50	65.84	69.48	69.11
14	70.30	69.40	68.84	68.97	68.48	68.00	67.55	66.87	66.47	65.87	69.48	69.08
15	70.25	69.39	68.85	68.94	68.44	68.00	67.55	66.86	66.44	65.89	69.46	69.05
16	70.21	69.43	68.82	68.88	68.43	67.99	67.55	66.84	66.41	65.93	69.42	69.02
17	70.17	69.43	68.79	68.82	68.40	67.96	67.55	66.80	66.38	66.16	69.38	69.00
18	70.13	69.42	68.78	68.81	68.39	67.91	67.54	66.78	66.35	66.31	69.33	68.96
19	70.11	69.39	68.76	68.79	68.33	67.89	67.50	66.77	66.34	66.42	69.29	68.92
20	70.07	69.35	68.74	68.74	68.32	67.87	67.45	66.74	66.32	66.54	69.24	68.92
21	70.02	69.32	68.71	68.71	68.30	67.86	67.41	66.72	66.30	66.68	69.19	68.91
22	69.97	69.30	68.70	68.70	68.27	67.85	67.39	66.67	66.26	66.75	69.14	68.87
23	69.94	69.26	68.80	68.67	68.24	67.82	67.33	66.65	66.25	67.00	69.09	68.84
24	69.87	69.24	68.83	68.65	68.22	67.80	67.33	66.63	66.22	67.32	69.03	68.83
25	69.84	69.21	69.00	68.67	68.22	67.79	67.31	66.58	66.18	67.63	69.03	68.80
26	69.82	69.19	69.08	68.64	68.21	67.77	67.30	66.57	66.17	67.79	69.11	68.76
27	69.82	69.18	69.12	68.65	68.19	67.76	67.28	66.53	66.14	67.92	69.10	68.73
28	69.84	69.17	69.17	68.67	68.19	67.73	67.23	66.50	66.12	68.00	69.11	68.66
29	69.76	69.16	69.19	68.58	---	67.71	67.21	66.47	66.10	68.05	69.12	68.63
30	69.72	69.15	69.21	68.59	---	67.69	67.19	66.44	66.08	68.09	69.10	68.59
31	69.71	---	69.21	68.57	---	67.65	---	66.42	---	68.30	69.06	---
Mean	70.22	69.40	68.94	68.89	68.40	67.96	67.46	66.81	66.38	66.59	69.20	68.99
Max	70.88	69.68	69.21	69.21	68.61	68.20	67.62	67.16	66.57	68.30	69.48	69.20
Min	69.71	69.15	68.70	68.57	68.19	67.65	67.19	66.42	66.08	65.84	68.42	68.59

	Calendar Year 2006	Water Year 2007
Mean	70.75	68.27
Max	74.10	70.88
Min	68.70	65.84

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