

Water-Data Report 2007

281926082212901 Local number Junction of State Highways 52 and 581 Well near Darby, FL.

Floridan aquifer system

Floridan Aquifer

Pasco County, FL

LOCATION.--Lat 28°19'27.1", long 82°21'17.8" referenced to North American Datum of 1983, in NW ¼ NE ¼ SE ¼ sec.12, T.25 S., R.19 E., Pasco County, FL, Hydrologic Unit 03100205, 45 ft south of State Highway 52, 800 ft east of State Highway 581, and 2.6 mi south of Darby.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 113 ft. Upper casing diameter 6.00 in., top of first opening 83 ft, bottom of last opening 113 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 89.47 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelter floor, 2.42 ft above land-surface datum, June 19, 1964, to present.

PERIOD OF RECORD.--April 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.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 79.44 ft NGVD, Sept. 30, 1966; lowest, 56.96 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	68.48	67.28	66.63	67.52	67.03	66.18	65.55	64.50	63.03	62.59	63.44	65.89
2	68.51	67.24	66.57	67.54	67.02	66.22	65.52	64.48	63.11	62.55	64.00	65.88
3	68.51	67.16	66.54	67.57	66.84	66.23	65.51	64.44	63.04	62.52	64.37	65.91
4	68.51	67.09	66.53	67.64	66.83	66.22	65.53	64.36	63.02	62.52	64.63	65.91
5	68.51	67.03	66.55	67.67	66.84	66.21	65.47	64.28	63.00	62.49	64.97	65.91
6	68.44	67.03	66.55	67.65	66.81	66.21	65.41	64.21	62.97	62.49	65.23	65.89
7	68.39	67.16	66.49	67.73	66.91	66.23	65.33	64.14	62.99	62.49	65.37	65.87
8	68.33	67.11	66.44	67.68	66.89	66.28	65.15	64.14	62.98	62.49	65.43	65.82
9	68.20	67.04	66.44	67.55	66.83	66.27	65.10	64.10	63.00	62.47	65.51	65.79
10	68.13	66.91	66.46	67.54	66.76	66.23	65.11	64.05	63.02	62.45	65.62	65.80
11	68.14	66.77	66.41	67.57	66.70	66.17	65.09	64.01	62.95	62.46	65.69	65.73
12	68.11	66.70	66.37	67.56	66.71	66.20	65.08	63.98	62.94	62.43	65.73	65.67
13	68.04	66.66	66.41	67.57	66.77	66.24	65.04	63.92	62.91	62.46	65.84	65.58
14	67.96	66.74	66.41	67.59	66.77	66.26	65.09	63.81	62.85	62.49	65.96	65.58
15	67.86	66.82	66.46	67.63	66.74	66.29	65.19	63.78	62.80	62.49	66.03	65.64
16	67.77	66.81	66.50	67.54	66.73	66.31	65.15	63.77	62.78	62.43	66.10	65.67
17	67.71	66.76	66.51	67.42	66.71	66.19	65.21	63.73	62.79	62.36	66.21	65.64
18	67.63	66.77	66.55	67.42	66.75	66.13	65.22	63.72	62.78	62.35	66.18	65.64
19	67.61	66.81	66.59	67.44	66.68	66.10	65.16	63.63	62.79	62.35	66.19	65.68
20	67.59	66.80	66.58	67.34	66.66	66.10	65.06	63.58	62.78	62.36	66.18	65.71
21	67.51	66.73	66.59	67.25	66.56	66.07	64.95	63.55	62.77	62.45	66.18	65.67
22	67.44	66.72	66.64	67.16	66.39	65.96	64.91	63.50	62.74	62.49	66.15	65.58
23	67.36	66.73	66.66	67.04	66.30	65.95	64.86	63.45	62.77	62.50	66.11	65.49
24	67.19	66.77	66.76	67.02	66.22	65.93	64.88	63.38	62.75	62.63	66.08	65.46
25	67.19	66.77	66.86	67.01	66.30	65.92	64.85	63.34	62.75	62.76	66.06	65.42
26	67.19	66.76	67.01	66.91	66.32	65.90	64.77	63.34	62.73	62.87	66.02	65.44
27	67.23	66.73	67.12	66.92	66.31	65.91	64.77	63.33	62.70	63.04	66.01	65.44
28	67.23	66.69	67.21	66.96	66.25	65.86	64.67	63.25	62.68	63.06	65.98	65.39
29	67.18	66.67	67.34	66.81	---	65.77	64.59	63.16	62.67	63.07	65.97	65.33
30	67.21	66.64	67.43	66.87	---	65.64	64.55	63.11	62.66	63.06	65.99	65.25
31	67.24	---	67.49	66.87	---	65.64	---	63.07	---	63.17	65.95	---
Mean	67.82	66.86	66.68	67.35	66.67	66.09	65.09	63.78	62.86	62.59	65.65	65.66
Max	68.51	67.28	67.49	67.73	67.03	66.31	65.55	64.50	63.11	63.17	66.21	65.91
Min	67.18	66.64	66.37	66.81	66.22	65.64	64.55	63.07	62.66	62.35	63.44	65.25

Water Year 2007	
Mean	65.59
Max	68.51
Min	62.35

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