

Water-Data Report 2012

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

Floridan aquifer system  
Floridan Aquifer System

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.

**GROUNDWATER 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. Land-surface datum is 88.96 ft above North American Vertical Datum of 1988.

PERIOD OF RECORD.--April 1966 to September 2012 (discontinued). 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.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 79.44 ft NGVD 29, Sept. 30, 1966; lowest, 56.96 ft NGVD 29, June 22, 2001.

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**ELEVATION ABOVE NGVD 1929, FEET**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**  
**DAILY MAXIMUM VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	73.32	72.66	71.30	70.04	68.90	68.08	66.78	65.34	64.04	70.35	73.54	76.70
2	73.19	72.62	71.20	70.05	68.90	68.06	66.68	65.30	64.15	70.47	73.42	76.65
3	73.13	72.68	71.23	69.89	68.83	68.03	66.57	65.19	64.23	70.54	73.41	76.50
4	73.04	72.74	71.27	69.79	68.79	68.10	66.57	65.16	64.28	70.59	73.27	76.17
5	72.98	72.64	71.27	69.85	68.86	67.77	66.59	65.17	64.26	70.78	73.21	75.99
6	72.96	72.57	71.20	69.88	68.82	67.71	66.61	65.16	64.25	70.95	73.19	75.86
7	72.90	72.48	71.09	69.85	68.82	67.67	66.53	65.03	64.38	71.05	73.57	76.02
8	72.96	72.41	70.98	69.74	68.83	67.62	66.47	64.97	64.54	71.15	73.81	76.10
9	73.28	72.36	70.96	69.70	68.78	67.58	66.41	64.96	64.69	71.22	73.94	76.37
10	73.64	72.34	70.88	69.66	68.80	67.61	66.34	64.95	64.74	71.34	74.04	76.52
11	73.75	72.22	70.81	69.72	68.81	67.63	66.28	64.85	64.80	71.76	74.05	76.43
12	73.82	72.10	70.80	69.63	68.71	67.60	66.22	64.71	64.93	72.07	74.02	76.28
13	73.88	72.14	70.74	69.51	68.74	67.58	66.10	64.69	64.96	72.19	74.00	76.24
14	73.79	72.14	70.71	69.34	68.74	67.60	66.00	64.69	65.01	72.31	73.98	76.21
15	73.65	72.10	70.70	69.31	68.66	67.53	65.97	64.64	65.06	72.50	74.20	76.11
16	73.56	72.04	70.69	69.27	68.62	67.45	65.89	64.55	65.07	72.74	74.23	76.01
17	73.59	71.98	70.71	69.23	68.62	67.49	65.81	64.55	65.06	72.83	74.27	75.94
18	73.75	71.88	70.66	69.33	68.65	67.47	65.75	64.51	65.02	73.22	74.44	75.92
19	73.73	71.82	70.56	69.33	68.58	67.36	65.74	64.47	64.95	73.50	74.54	75.89
20	73.41	71.84	70.56	69.26	68.46	67.29	65.77	64.41	64.88	73.63	74.75	75.89
21	73.25	71.81	70.53	69.26	68.31	67.26	65.86	64.32	64.86	73.69	74.90	75.85
22	73.28	71.81	70.49	69.27	68.34	67.22	65.87	64.27	64.89	73.74	75.41	75.79
23	73.22	71.67	70.37	69.29	68.38	67.22	65.66	64.21	64.90	73.75	75.69	75.71
24	73.13	71.59	70.34	69.25	68.35	67.22	65.62	64.14	65.47	73.91	75.81	75.62
25	72.96	71.54	70.33	69.13	68.29	67.23	65.54	64.09	66.89	73.95	75.79	75.50
26	72.96	71.55	70.34	69.13	68.14	67.10	65.51	64.05	68.12	73.97	75.78	75.37
27	72.96	71.50	70.38	69.18	68.07	66.97	65.48	64.06	68.70	73.96	76.02	75.34
28	72.89	71.48	70.24	69.11	67.99	66.86	65.52	64.03	69.33	73.74	76.29	75.30
29	72.89	71.46	70.20	69.02	68.00	66.82	65.53	64.00	69.79	73.65	76.46	75.25
30	72.73	71.41	70.17	68.94	---	66.77	65.46	64.03	70.08	73.55	76.39	75.12
31	72.72	---	70.11	68.95	---	66.77	---	63.98	---	73.58	76.62	---
<b>Mean</b>	73.27	72.05	70.70	69.45	68.58	67.44	66.04	64.60	65.54	72.47	74.61	75.95
<b>Max</b>	73.88	72.74	71.30	70.05	68.90	68.10	66.78	65.34	70.08	73.97	76.62	76.70
<b>Min</b>	72.72	71.41	70.11	68.94	67.99	66.77	65.46	63.98	64.04	70.35	73.19	75.12

	Calendar Year 2011	Water Year 2012
<b>Mean</b>	69.46	70.07
<b>Max</b>	73.88	76.70
<b>Min</b>	65.97	63.98

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