



Water-Data Report 2007

262258081471802 Local number L 5747.

Intermediate aquifer system
Tamiami Formation

Lee County, FL

LOCATION.--Lat 26°22'58.4", long 81°47'17.4" referenced to North American Datum of 1983, in NE ¼ NE ¼ SE ¼ sec.15, T.47 S., R.25 E., Lee County, FL, Hydrologic Unit 03090204, 25 ft west of Stillwell Parkway and 50 ft north of Strike Lane, 1.3 mi east of old U.S. Highway 41, (County Road 887), 3.5 mi north of Bonita Springs.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 105 ft. Upper casing diameter 4 in, top of first opening 59 ft, bottom of last opening 105 ft. Artesian well, open hole 59 to 105 ft.

DATUM.--Land-surface datum is 13.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 15.66 ft above National Geodetic Vertical Datum of 1929, July 1, 1987, to present.

PERIOD OF RECORD.--July 1987 to September 1994 (monthly), October 1994 to September 1995 (quarterly), October 1995 to March 1997 (monthly), April 1997 to current year.

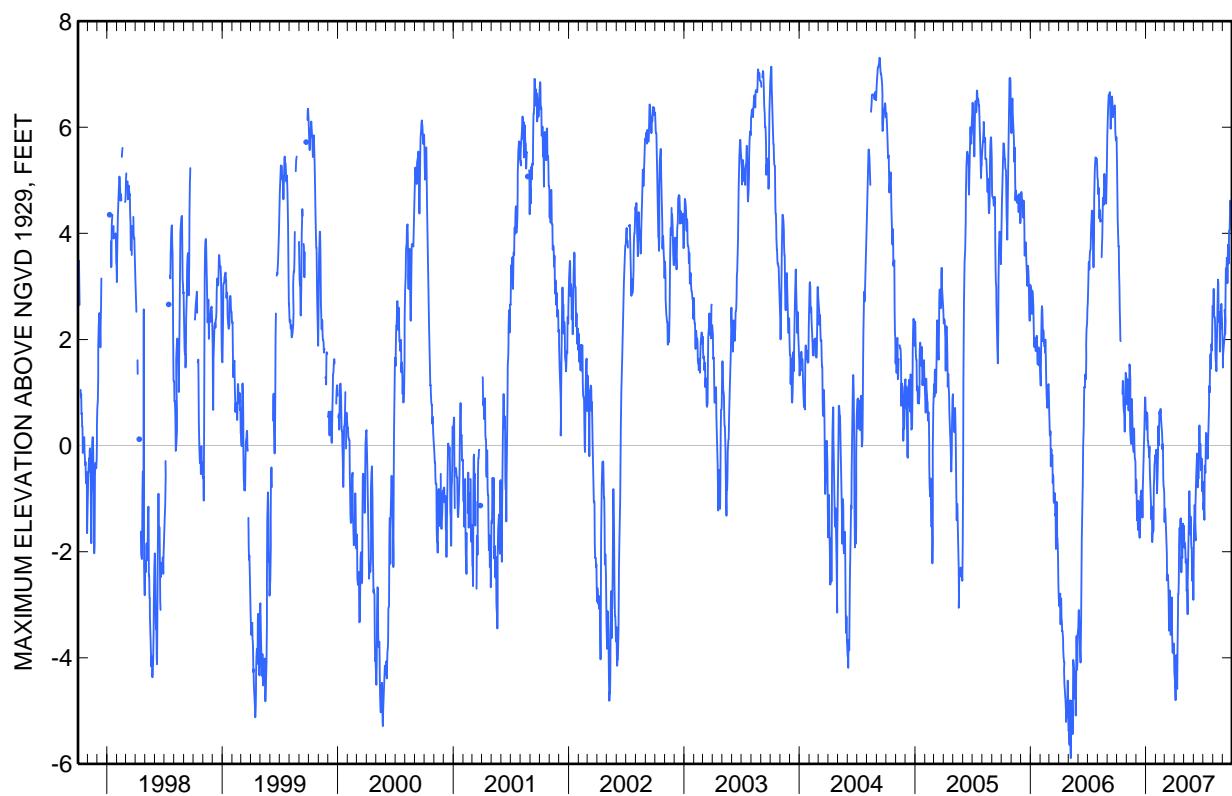
GAGE.--Satellite data collection platform.

REMARKS.--Well is also used for salinity monitoring. Samples are collected from a depth of 67 ft because a portion of the open hole of this well has collapsed or become obstructed below this depth.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.73 ft NGVD, Oct. 25, 1995; lowest, 6.87 ft below NGVD, Apr. 25, 1996.

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	5.43	1.02	-0.64	0.63	-0.30	-1.44	-4.25	-1.51	-2.22	-1.00	2.62	2.05
2	5.02	0.78	-0.66	0.53	-0.08	-1.19	-4.36	-1.59	-1.57	-1.21	2.62	1.47
3	4.49	1.25	-1.05	0.49	-0.08	-1.19	-4.43	-1.93	-1.34	-1.07	2.95	1.76
4	4.23	1.22	-1.41	0.30	-0.60	-1.42	-4.59	-1.93	-1.12	-1.19	2.95	1.86
5	3.87	0.96	-1.33	0.62	-0.90	-1.45	-4.80	-1.84	-1.25	-1.40	2.43	1.88
6	3.75	0.83	-1.36	0.57	-0.70	-1.62	-3.96	-1.98	-1.48	-0.38	2.42	1.97
7	3.76	0.66	-1.59	0.09	-0.49	-1.82	-3.95	-2.21	-1.79	-0.38	2.42	2.55
8	3.24	0.88	-1.04	0.09	-0.19	-2.54	-4.18	-2.16	-0.85	-0.52	2.28	2.55
9	3.01	1.15	-1.07	-0.03	0.37	-2.48	-4.49	-2.15	-0.62	-0.17	1.71	2.10
10	2.57	1.53	-1.50	-0.03	0.32	-2.43	-4.59	-2.74	-0.56	0.24	1.58	2.78
11	2.32	1.45	-1.71	-0.22	0.00	-2.43	-3.85	-2.68	-0.27	0.23	1.58	3.34
12	1.98	0.73	-1.74	-0.02	0.34	-2.48	-3.39	-2.71	-0.15	0.04	1.40	3.34
13	1.97	0.18	-1.72	-0.02	0.64	-2.66	-2.80	-3.18	-0.17	0.01	1.59	3.29
14	---	0.06	-1.41	-0.61	0.58	-2.99	-2.80	-2.43	-0.79	0.01	2.19	3.54
15	---	0.03	-0.95	-0.72	0.58	-3.49	-2.54	-1.86	-0.61	-0.25	2.48	3.54
16	---	0.32	-0.97	-1.00	0.69	-2.78	-1.82	-1.73	-0.61	-0.16	2.73	3.06
17	---	0.88	-0.85	-1.03	0.69	-2.73	-1.56	-1.44	-0.62	0.22	3.13	3.54
18	---	0.79	-0.85	-1.39	0.50	-2.81	-1.55	-0.86	-0.07	0.26	3.07	3.79
19	0.97	0.29	-0.96	-1.15	0.45	-3.28	-1.67	-0.86	0.38	0.42	2.52	3.72
20	1.22	0.13	-1.00	-1.15	0.35	-3.57	-1.40	-1.31	0.38	1.12	2.33	3.43
21	1.21	0.11	-1.36	-1.82	0.24	-3.55	-1.37	-1.68	0.01	1.12	2.51	4.05
22	0.76	0.03	-0.70	-1.67	-0.07	-3.49	-1.80	-1.34	0.03	1.00	2.41	4.05
23	0.67	-0.12	-0.61	-1.62	0.03	-2.89	-2.39	-1.34	0.03	1.44	1.77	4.08
24	0.62	0.32	-0.43	-1.62	-0.01	-2.86	-2.09	-1.76	-0.47	1.72	2.36	4.39
25	0.55	0.30	-0.20	-1.61	-0.62	-3.51	-2.06	-1.93	-0.46	1.71	2.36	4.62
26	0.26	-0.06	0.22	-0.77	-0.77	-3.78	-2.12	-1.93	-0.24	1.45	2.21	4.59
27	0.75	-0.23	0.39	-0.61	-0.80	-3.91	-1.50	-2.55	-0.37	1.91	2.56	4.36
28	0.99	-0.27	0.55	-0.35	-0.89	-3.76	-1.47	-2.37	-0.86	1.91	2.67	4.51
29	1.37	-0.30	0.91	-0.30	---	-3.75	-1.81	-2.18	-0.68	1.79	2.64	4.50
30	1.34	-0.89	0.90	-0.18	---	-3.73	-1.65	-2.34	-0.68	2.19	2.32	3.94
31	1.27	---	0.63	-0.18	---	-3.77	---	-2.91	---	2.63	2.08	---
Total	---	14.03	-23.51	-14.78	-0.72	-85.80	-85.24	-61.43	-19.02	13.69	72.89	98.65
Mean	---	0.47	-0.76	-0.48	-0.03	-2.77	-2.84	-1.98	-0.63	0.44	2.35	3.29
Max	---	1.53	0.91	0.63	0.69	-1.19	-1.37	-0.86	0.38	2.63	3.13	4.62
Min	---	-0.89	-1.74	-1.82	-0.90	-3.91	-4.80	-3.18	-2.22	-1.40	1.40	1.47



WATER-QUALITY RECORDS

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO
SEPTEMBER 2007**

Date	Time	Specif- ic conduc- tance, wat unf μS/cm	Chlor- ide, water, filtrd, mg/L (00940)
25 degC (00095)			
Oct			
12...	1408	913	115
Apr			
25...	1042	912	105
Jun			
01...	1158	905	110
07...	1203	901	120
14...	1308	897	115
21...	1410	907	115
28...	1343	915	115
Jul			
05...	1426	912	125
12...	1156	914	115
20...	1247	913	115