

Water-Data Report 2008

260309081272601 Local number C 987

Intermediate aquifer system
Hawthorn Limestone Aquifer

Collier County, FL

LOCATION.--Lat 26°03'10", long 81°27'25" referenced to North American Datum of 1927, in SW ¼ SW ¼ sec.6, T.51 S., R.29 E., Collier County, FL, Hydrologic Unit 03090204, 35 ft north of Janes Scenic Drive, 35 ft east of canal 5 mi east of Everglades Boulevard and 9.5 mi northwest of Copeland.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 370 ft. Upper casing diameter undefined; top of first opening 280 ft, bottom of last opening 370 ft. Drilled, observation, artesian well, diameter 6 in., cased to 280 ft, open hole 280 to 370 ft.

DATUM.--Land-surface datum is 9.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 3/4-in. elbow, 12.52 ft above National Geodetic Vertical Datum of 1929, Dec. 11, 2003, to present; From Feb. 28, 1992, to Dec. 10, 2003, measuring point was Top of meter box, 9.50 ft above National Geodetic Vertical Datum of 1929. See REMARKS.

PERIOD OF RECORD.--October 1984 to October 1996 (monthly), December 2003 to current year. See REMARKS.

GAGE.--Electronic data logger with pressure transducer.

REMARKS.--Well was destroyed August 2002, well reconstructed December 2003. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 47.30 ft NGVD, Oct. 5, 1988; lowest, 31.70 ft NGVD, May 23, 1994.

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ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MAXIMUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	39.44	39.33	38.62	38.80	39.07	39.85	41.02
2	---	---	---	---	---	39.49	39.70	38.62	38.99	38.75	39.58	41.24
3	---	---	---	---	---	39.54	39.38	38.62	38.73	38.77	39.76	41.12
4	---	---	---	---	---	39.47	39.32	38.62	38.29	38.91	39.72	40.98
5	---	---	---	---	---	39.51	39.32	38.69	38.28	39.44	39.90	41.02
6	---	---	---	---	---	39.53	39.35	38.64	38.28	38.97	39.79	41.00
7	---	---	---	---	---	39.66	39.43	38.58	38.23	39.09	39.53	40.93
8	---	---	---	---	---	39.58	39.29	38.57	38.25	38.97	39.53	40.90
9	---	---	---	---	---	39.41	39.20	38.57	38.67	39.12	39.99	41.08
10	---	---	---	---	---	39.38	39.26	38.58	38.15	39.08	39.68	40.87
11	---	---	---	---	---	39.47	39.24	38.49	38.63	39.09	39.58	40.98
12	---	---	---	---	---	39.61	39.18	38.51	38.31	39.08	39.59	40.98
13	---	---	---	---	---	39.65	39.19	38.50	38.28	39.09	39.52	40.98
14	---	---	---	---	---	39.65	39.05	38.41	38.46	39.15	39.77	41.02
15	---	---	---	---	---	39.60	38.98	38.33	38.31	39.08	39.60	41.03
16	---	---	---	---	---	39.61	38.96	38.38	38.31	39.26	39.62	40.95
17	---	---	---	---	---	39.49	38.83	38.43	38.32	39.42	40.27	41.32
18	---	---	---	---	---	39.51	38.91	38.42	38.43	39.34	39.81	40.91
19	---	---	---	---	---	39.59	38.93	38.30	38.76	39.87	40.50	40.78
20	---	---	---	---	---	39.53	38.96	38.39	38.75	39.81	40.43	41.07
21	---	---	---	---	---	39.56	39.05	38.40	38.76	39.48	40.25	40.89
22	---	---	---	---	---	39.51	38.99	38.35	38.71	39.73	40.47	40.95
23	---	---	---	---	---	39.65	38.93	38.31	38.64	39.81	40.41	40.73
24	---	---	---	---	---	39.61	38.85	38.31	38.84	39.50	40.48	41.02
25	---	---	---	---	---	39.48	38.78	38.29	38.99	39.40	40.93	41.03
26	---	---	---	---	---	39.49	38.72	38.25	38.56	39.73	40.76	40.98
27	---	---	---	---	---	39.55	38.56	38.17	38.76	39.98	40.97	41.12
28	---	---	---	---	---	39.56	38.62	38.51	39.21	39.52	40.84	40.86
29	---	---	---	---	39.43	39.48	38.60	38.27	38.92	39.48	41.00	41.12
30	---	---	---	---	39.29	39.56	38.66	38.22	38.97	39.79	40.81	41.06
31	---	---	---	---	---	39.35	---	38.59	---	39.63	40.79	---
Mean	---	---	---	---	---	39.53	39.05	38.45	38.59	39.34	40.12	41.00
Max	---	---	---	---	---	39.66	39.70	38.69	39.21	39.98	41.00	41.32
Min	---	---	---	---	---	39.35	38.56	38.17	38.15	38.75	39.52	40.73

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