

Water-Data Report 2007

263845081260702 Local number HE 556.

Intermediate aquifer system
Sandstone Aquifer
Hendry County, FL

LOCATION.--Lat 26°38'47", long 81°26'09" referenced to North American Datum of 1927, in NW ¼ NW ¼ sec.21, T.44 S., R.29 E., Hendry County, FL, Hydrologic Unit 03090205, at southeast corner of intersection of State Road 29 and Sears Road, and 3.6 mi west of Sears.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.-- Depth 175 ft, casing diameter 4 in. to 135 ft. Artesian well.

DATUM.--Land-surface datum is 30.33 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 32.77 ft above National Geodetic Vertical Datum of 1929, Oct. 1991 to present. From October 1975 to October 1991, measuring point was top of casing, well HE - 555, 32.83 ft above NGVD. From October 1, 1979, to September 30, 1986, measuring point was incorrectly considered to be top of casing, 30.84 ft above NGVD. From January 1976 to September 30, 1979, measuring point was incorrectly considered to be top of casing, 35.63 ft above NGVD. See REMARKS.

PERIOD OF RECORD.--October 1975 to December 1975 (monthly), January 1976 to October 1983, October 1984 to current year.

GAGE.--Satellite data collection platform with pressure transducer.

REMARKS.--Station reconstructed February 27, 1992. Published figures of water levels as elevation, in feet NGVD, from January 1975 to September 30, 1978, require a -2.80 ft correction. Published records from October 1, 1978, to September 30, 1986, require a +1.99 ft correction. Corrected data are in the files of the U.S. Geological Survey. See DATUM. (Corrected)

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 26.03 ft NGVD, Sept. 26,27, 1982; lowest, 2.67 ft below NGVD, Feb. 16, 2001. (Corrected)

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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	23.14	15.77	14.27	16.63	13.25	---	12.44	13.35	---	19.70	22.21	21.72
2	23.22	15.50	14.16	16.85	13.30	---	12.48	13.67	---	19.75	22.20	21.85
3	22.50	15.25	14.67	16.12	13.07	---	12.44	13.77	---	19.85	22.19	22.05
4	22.03	15.12	15.01	15.79	13.50	---	12.26	13.81	---	20.08	22.26	22.14
5	21.81	15.71	14.35	15.55	13.83	---	12.14	13.97	16.12	20.14	22.34	22.17
6	20.54	16.08	---	15.47	13.57	---	12.04	14.22	16.32	20.21	22.38	22.16
7	19.85	15.61	13.91	15.97	13.31	---	12.13	14.21	16.60	20.38	22.42	22.17
8	20.64	15.52	13.63	16.25	13.44	---	12.35	13.95	16.75	20.53	22.41	21.95
9	20.98	15.32	13.66	15.57	13.27	---	12.36	14.20	16.93	20.63	22.40	21.98
10	20.39	15.15	14.51	15.08	13.19	---	12.35	14.16	17.12	20.73	22.41	22.10
11	20.42	14.68	14.83	14.48	13.83	---	12.57	14.35	17.27	20.82	22.49	21.80
12	20.23	14.96	14.10	14.58	14.22	---	12.67	14.34	17.45	20.89	22.51	21.04
13	20.12	15.30	13.74	14.34	14.38	---	12.76	14.65	17.56	20.98	22.53	21.03
14	19.17	15.00	13.56	15.15	13.88	---	12.73	14.64	17.64	21.07	22.52	21.26
15	18.90	14.83	13.42	15.18	---	12.47	13.03	14.55	17.84	21.27	22.47	21.25
16	19.15	14.44	14.43	14.55	---	12.55	13.34	14.88	18.01	21.38	22.46	21.20
17	18.62	14.49	15.28	14.24	---	12.68	13.49	---	18.27	21.43	22.48	21.35
18	16.60	14.27	15.50	13.86	---	13.18	13.58	---	18.44	21.48	22.55	20.61
19	17.31	14.97	14.82	13.60	---	13.17	13.54	---	18.54	21.56	22.59	20.59
20	13.45	15.36	14.60	12.88	---	13.01	13.45	---	18.66	21.66	22.63	20.24
21	16.04	15.03	14.35	14.40	---	12.98	13.42	---	18.74	21.74	22.64	20.29
22	17.75	14.66	13.85	14.45	---	12.98	13.51	---	18.88	21.83	22.66	20.46
23	17.90	15.03	12.64	14.15	---	12.89	13.54	---	19.01	21.91	22.67	21.13
24	17.21	15.40	14.59	13.73	---	12.82	13.53	---	19.10	21.97	22.52	21.30
25	14.31	14.91	15.59	13.46	---	13.24	13.50	---	19.21	22.01	22.38	21.14
26	14.93	15.42	15.84	13.71	---	13.24	13.17	---	19.26	22.06	22.43	21.08
27	15.23	15.68	15.64	13.63	---	13.08	12.89	---	19.38	22.07	22.45	21.09
28	15.99	15.03	15.29	14.02	---	12.91	13.04	---	19.47	22.11	22.42	21.10
29	16.96	14.65	15.09	14.24	---	12.65	13.18	---	19.53	22.14	22.35	21.20
30	17.10	14.44	15.03	13.44	---	12.24	13.22	---	19.59	22.16	22.28	21.55
31	16.16	---	15.92	13.23	---	12.20	---	---	---	22.16	22.06	---
Mean	18.67	15.12	---	14.66	---	---	12.90	---	---	21.18	22.43	21.37
Max	23.22	16.08	---	16.85	---	---	13.58	---	---	22.16	22.67	22.17
Min	13.45	14.27	---	12.88	---	---	12.04	---	---	19.70	22.06	20.24

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