Water-Data Report 2006

283204081544902 Local number Mascotte Shallow Well near Mascotte, FL.

Surficial aquifer system
Nonartesian Sand Aquifer

Lake County, FL

LOCATION.--Lat 28°32′04″, long 81°54′49″ referenced to North American Datum of 1927, in SW ¼ NW ¼ NE ¼ sec.33, T.22 S., R.24 E., Lake County, FL, Hydrologic Unit 03100208, on east side of State Highway 565, 75 ft east of Midway Baptist Church, and 3.6 mi south of State Highway 50 in Mascotte. Owner: U.S. Geological Survey.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 30 ft. Upper casing diameter 6 in; top of first opening 16.5 ft, bottom of last opening 30 ft. Drilled, observation, nonartesian well, cased to 16.5 ft.

DATUM.--Land-surface datum is 103.51 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.38 ft above land-surface datum, Feb. 24, 1959, to present.

PERIOD OF RECORD.--January 1959 to September 2003, November 2004 to current year.

GAGE.--Water-stage recorder and data-collection platform--60-minute interval.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 103.51 ft above NGVD of 1929, estimated, Sept. 11, 1960; lowest, 94.89 ft above NGVD of 1929, June 23, 2000.

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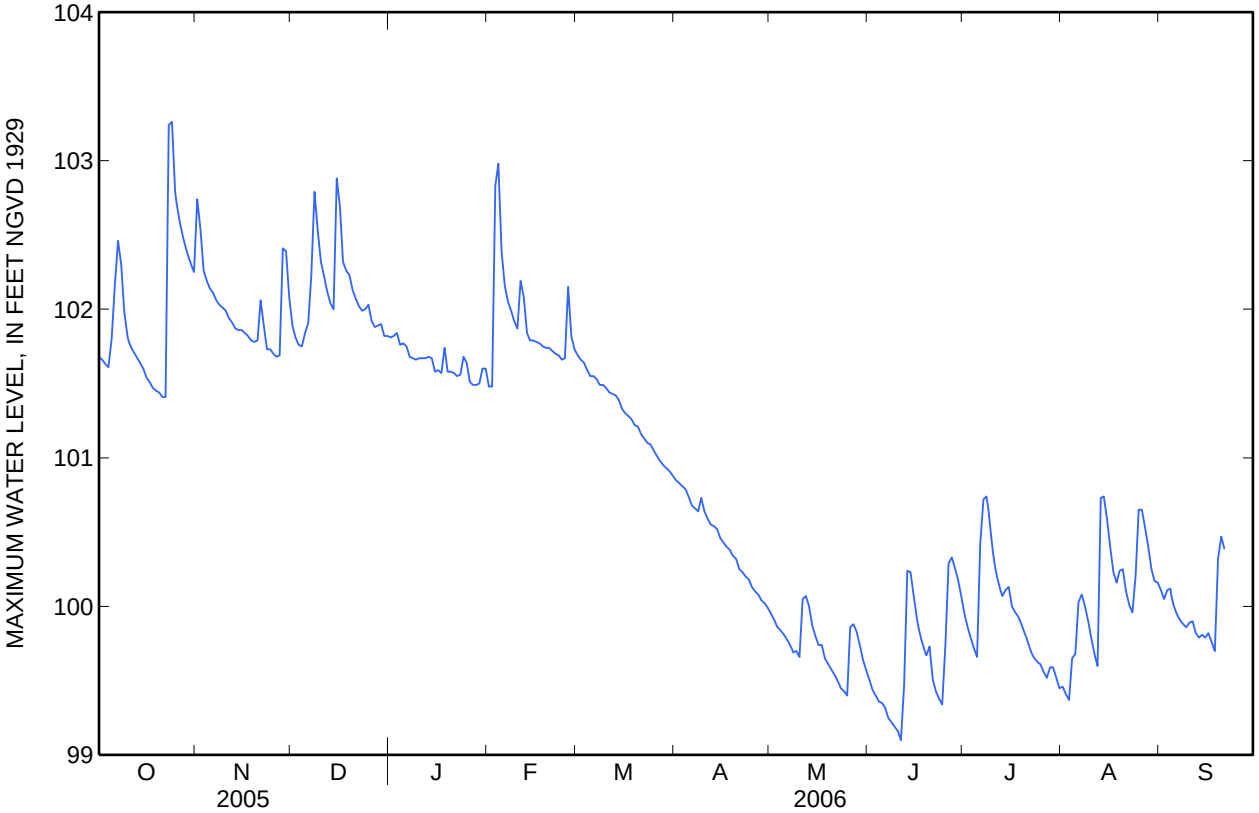
ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MAXIMUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	101.68	102.74	101.89	101.81	101.48	101.69	100.85	99.95	99.51	99.95	99.46	100.11
2	101.66	102.54	101.81	101.82	101.48	101.66	100.83	99.91	99.44	99.86	99.41	100.05
3	101.63	102.26	101.76	101.84	102.83	101.64	100.81	99.86	99.40	99.79	99.37	100.11
4	101.61	102.19	101.75	101.76	102.98	101.59	100.79	99.84	99.36	99.72	99.65	100.12
5	101.80	102.14	101.84	101.77	102.39	101.55	100.74	99.81	99.35	99.66	99.68	100.01
6	102.16	102.11	101.91	101.75	102.16	101.55	100.68	99.78	99.32	100.43	100.03	99.95
7	102.46	102.06	102.23	101.68	102.05	101.53	100.66	99.74	99.25	100.72	100.08	99.91
8	102.30	102.03	102.79	101.67	101.99	101.49	100.64	99.69	99.22	100.74	100.01	99.88
9	101.98	102.01	102.53	101.66	101.92	101.49	100.73	99.70	99.19	100.56	99.90	99.86
10	101.82	101.99	102.32	101.67	101.87	101.47	100.64	99.66	99.16	100.38	99.79	99.89
11	101.75	101.94	102.22	101.67	102.19	101.44	100.59	100.05	99.10	100.22	99.69	99.90
12	101.71	101.91	102.12	101.67	102.08	101.43	100.55	100.07	99.47	100.14	99.60	99.82
13	101.67	101.87	102.04	101.68	101.84	101.42	100.54	100.00	100.24	100.07	100.73	99.79
14	101.64	101.86	102.00	101.67	101.79	101.39	100.52	99.87	100.23	100.11	100.74	99.81
15	101.60	101.86	102.88	101.58	101.79	101.33	100.46	99.80	100.07	100.13	100.59	99.79
16	101.54	101.84	102.69	101.59	101.78	101.30	100.43	99.74	99.92	100.00	100.40	99.82
17	101.51	101.82	102.32	101.57	101.77	101.28	100.40	99.74	99.82	99.96	100.23	99.76
18	101.47	101.79	102.26	101.74	101.75	101.26	100.38	99.65	99.73	99.93	100.16	99.70
19	101.45	101.78	102.23	101.58	101.74	101.22	100.34	99.61	99.67	99.88	100.24	100.32
20	101.44	101.79	102.13	101.58	101.74	101.21	100.32	99.58	99.73	99.82	100.25	100.47
21	101.41	102.06	102.07	101.57	101.72	101.16	100.25	99.54	99.51	99.76	100.10	100.39
22	101.41	101.89	102.02	101.55	101.70	101.13	100.23	99.50	99.43	99.70	100.01	---
23	103.24	101.73	101.99	101.56	101.69	101.10	100.20	99.45	99.38	99.65	99.96	---
24	103.26	101.73	102.00	101.68	101.66	101.09	100.18	99.43	99.34	99.63	100.21	---
25	102.79	101.70	102.03	101.64	101.67	101.05	100.13	99.40	99.74	99.61	100.65	---
26	102.64	101.68	101.92	101.51	102.15	101.01	100.10	99.86	100.29	99.56	100.65	---
27	102.54	101.69	101.88	101.49	101.82	100.98	100.08	99.88	100.33	99.52	100.53	---
28	102.44	102.41	101.89	101.49	101.73	100.95	100.04	99.83	100.26	99.59	100.40	---
29	102.37	102.39	101.90	101.50	---	100.93	100.02	99.74	100.18	99.59	100.25	---
30	102.30	102.08	101.82	101.60	---	100.91	99.99	99.64	100.07	99.52	100.17	---
31	102.25	---	101.82	101.60	---	100.88	---	99.57	---	99.45	100.16	---
Max	103.26	102.74	102.88	101.84	102.98	101.69	100.85	100.07	100.33	100.74	100.74	---
Min	101.41	101.68	101.75	101.49	101.48	100.88	99.99	99.40	99.10	99.45	99.37	---

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