Water-Data Report 2006

312127084065801 Local number 13J004

Floridan aquifer system
Upper Floridan Aquifer

Mitchell County, GA

LOCATION.--Lat 31°21′29″, long 84°06′57″ referenced to North American Datum of 1927, Mitchell County, GA, Hydrologic Unit 03130008.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 208 ft. Upper casing diameter 12 in; top of first opening 77 ft, bottom of last opening 208 ft.

DATUM.--Land-surface datum is 194 ft above National Geodetic Vertical Datum of 1929. Measuring point: recorder shelf, 3.24 ft above land-surface datum, Mar. 2, 2006, to present.

PERIOD OF RECORD.--June 14, 1978 to current year.

COOPERATION.--Georgia Department of Natural Resources, Environmental Protection Division.

EXTREMES FOR CURRENT YEAR.--Highest water level, 43.09 ft below land surface datum, Mar 1; lowest water level, 51.32 ft below land surface datum, Aug 4.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	46.75	46.54	46.62	47.56	47.37	47.48	48.67	48.53	48.60	48.20	48.07	48.13
2	46.69	46.50	46.59	47.79	47.51	47.67	48.80	48.62	48.69	48.15	47.51	47.87
3	46.67	46.50	46.57	47.88	47.72	47.77	48.72	48.58	48.64	47.52	46.88	47.18
4	46.62	46.44	46.52	47.80	47.66	47.72	48.67	48.54	48.59	46.88	46.19	46.55
5	46.55	46.33	46.46	47.80	47.64	47.71	48.72	48.43	48.54	46.19	45.67	45.88
6	46.46	46.24	46.37	47.87	47.69	47.78	48.93	48.71	48.84	45.72	45.58	45.66
7	46.44	46.31	46.38	47.98	47.81	47.90	48.95	48.86	48.91	45.72	45.58	45.64
8	46.53	46.31	46.44	48.72	47.88	48.17	48.91	48.68	48.79	45.72	45.58	45.64
9	46.65	46.47	46.56	48.94	48.02	48.47	48.83	48.69	48.77	45.83	45.66	45.75
10	46.80	46.56	46.71	48.08	47.95	48.02	48.77	48.56	48.67	45.85	45.64	45.73
11	46.89	46.74	46.83	48.20	48.00	48.11	48.68	48.53	48.59	45.67	45.51	45.57
12	46.88	46.76	46.82	48.38	48.15	48.27	48.73	48.56	48.62	45.62	45.49	45.55
13	46.89	46.76	46.82	48.42	48.28	48.36	---	---	---	45.57	45.20	45.39
14	46.93	46.77	46.84	48.44	48.21	48.31	48.11	47.86	47.97	45.62	45.40	45.50
15	46.96	46.77	46.85	48.27	48.13	48.19	47.93	47.55	47.72	45.64	45.46	45.55
16	46.99	46.81	46.89	48.37	48.11	48.23	48.14	47.88	48.01	45.48	45.31	45.39
17	47.03	46.85	46.94	48.45	48.30	48.36	48.26	48.10	48.16	45.37	45.08	45.23
18	47.09	46.92	47.00	48.48	48.33	48.38	48.21	48.04	48.14	45.83	45.36	45.68
19	47.15	46.99	47.06	48.39	48.28	48.33	48.20	48.04	48.11	45.83	45.65	45.74
20	47.15	46.99	47.05	48.36	48.11	48.26	48.12	47.98	48.04	45.70	45.49	45.60
21	47.16	46.99	47.06	48.12	47.87	47.96	48.14	48.00	48.06	45.61	45.47	45.54
22	47.12	46.99	47.05	48.33	48.03	48.16	48.19	48.04	48.10	45.63	45.47	45.55
23	47.17	47.07	47.11	48.40	48.16	48.28	48.12	47.94	48.03	45.49	45.33	45.40
24	47.28	47.04	47.13	48.35	48.13	48.22	47.96	47.64	47.84	45.50	45.30	45.40
25	47.43	47.21	47.30	48.63	48.32	48.53	47.91	47.57	47.72	45.67	45.46	45.56
26	47.51	47.35	47.42	48.66	48.47	48.57	48.18	47.90	48.06	45.79	45.60	45.70
27	47.53	47.38	47.45	48.49	48.34	48.41	48.20	48.01	48.09	45.90	45.72	45.79
28	47.71	47.43	47.58	48.40	48.29	48.35	48.04	47.68	47.84	45.76	45.43	45.61
29	47.83	47.67	47.74	48.61	48.28	48.45	48.08	47.69	47.88	45.44	45.17	45.27
30	47.89	47.66	47.75	48.68	48.53	48.61	48.15	48.02	48.08	45.26	45.08	45.17
31	47.72	47.50	47.61	---	---	---	48.16	48.00	48.07	45.48	45.25	45.39
Month	47.89	46.24	46.95	48.94	47.37	48.17	---	---	---	48.20	45.08	45.79

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	45.46	45.18	45.33	43.31	43.09	43.21	45.40	45.08	45.18	46.52	46.36	46.46
2	45.18	44.69	44.91	43.23	43.10	43.16	45.43	45.05	45.19	46.77	46.48	46.61
3	44.72	44.19	44.50	43.51	43.20	43.35	45.48	45.06	45.24	47.14	46.57	46.89
4	44.21	44.04	44.14	43.69	43.50	43.62	45.56	45.19	45.33	47.26	47.01	47.15
5	44.23	44.07	44.15	43.73	43.59	43.66	45.62	45.25	45.37	47.26	46.76	46.97
6	44.12	43.77	43.97	43.63	43.46	43.56	45.44	45.30	45.38	46.83	46.71	46.77
7	44.09	43.77	43.95	43.83	43.56	43.72	45.46	45.24	45.37	46.84	46.71	46.76
8	44.19	44.02	44.09	43.88	43.69	43.78	45.37	45.16	45.23	46.81	46.68	46.75
9	44.34	44.05	44.18	---	---	---	45.58	45.32	45.47	46.86	46.68	46.76
10	44.37	44.01	44.22	43.93	43.61	43.76	45.69	45.51	45.60	46.84	46.61	46.73
11	44.16	43.86	43.98	44.09	43.87	43.98	45.77	45.60	45.68	46.74	46.54	46.66
12	44.30	44.14	44.21	44.12	43.96	44.03	45.87	45.62	45.74	46.85	46.66	46.75
13	44.34	44.15	44.22	44.06	43.85	43.96	46.01	45.61	45.80	46.92	46.71	46.81
14	44.25	44.09	44.18	44.26	43.79	44.00	45.91	45.55	45.70	46.83	46.70	46.77
15	44.26	44.11	44.18	44.42	44.20	44.29	45.94	45.51	45.70	46.88	46.72	46.80
16	44.28	44.11	44.18	44.31	44.16	44.23	45.72	45.54	45.61	47.01	46.74	46.84
17	44.27	44.14	44.20	44.24	44.08	44.17	45.79	45.52	45.67	46.90	46.68	46.76
18	44.35	44.17	44.23	44.32	44.17	44.25	45.93	45.66	45.82	46.97	46.76	46.84
19	44.46	44.30	44.38	44.35	44.20	44.26	46.05	45.84	45.96	47.35	46.93	47.09
20	44.37	44.22	44.29	44.28	43.99	44.14	46.16	45.89	46.05	47.39	47.03	47.15
21	44.34	44.17	44.25	44.32	43.95	44.12	46.50	46.14	46.32	47.22	47.09	47.15
22	44.36	44.14	44.22	44.80	44.32	44.60	46.47	46.10	46.24	47.51	47.12	47.33
23	44.51	44.15	44.31	44.89	44.51	44.74	46.24	46.07	46.16	48.75	47.46	47.98
24	44.65	44.47	44.56	44.99	44.63	44.80	46.27	46.06	46.15	48.57	47.92	48.30
25	44.57	44.18	44.37	44.80	44.59	44.70	46.24	46.06	46.14	48.65	48.26	48.45
26	44.41	44.20	44.29	44.86	44.70	44.79	46.21	46.04	46.11	48.54	47.92	48.30
27	44.22	43.70	43.96	44.95	44.80	44.86	46.32	46.04	46.18	48.83	48.19	48.52
28	43.71	43.28	43.47	44.98	44.72	44.83	46.46	46.25	46.36	48.85	47.91	48.40
29	---	---	---	45.15	44.78	44.92	46.51	46.34	46.42	48.82	47.97	48.44
30	---	---	---	45.29	44.86	45.09	46.48	46.33	46.41	49.40	48.19	48.72
31	---	---	---	45.36	45.12	45.23	---	---	---	49.59	49.25	49.47
Month	45.46	43.28	44.25	---	---	---	46.51	45.05	45.79	49.59	46.36	47.33

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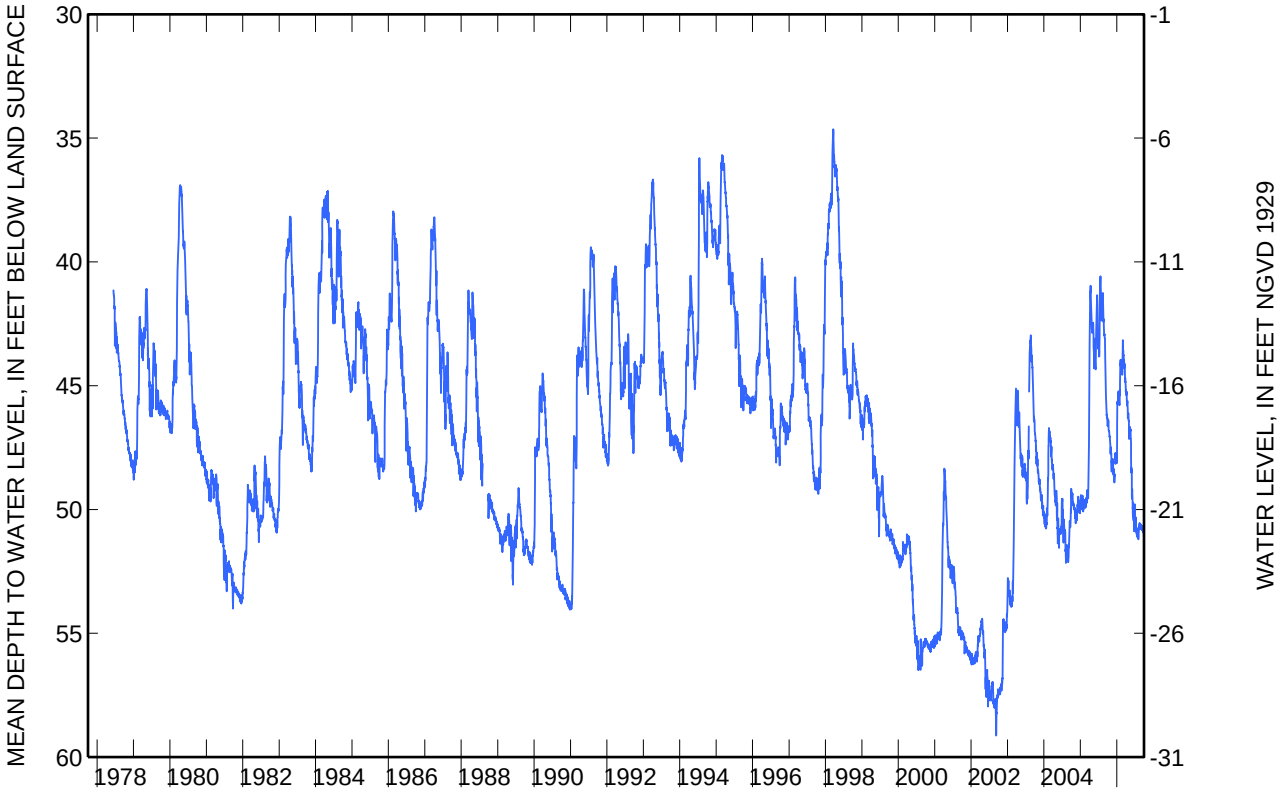
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	49.78	49.32	49.56	50.16	49.94	50.04	50.89	50.72	50.82	50.74	50.62	50.68
2	49.78	48.66	49.17	50.88	50.05	50.44	51.09	50.82	50.98	50.78	50.62	50.72
3	49.72	48.82	49.18	51.13	50.68	50.81	51.22	51.04	51.14	50.84	50.69	50.76
4	49.70	48.81	49.18	50.70	50.50	50.60	51.32	51.08	51.20	50.85	50.72	50.78
5	49.81	48.71	49.34	50.59	50.40	50.49	51.20	50.95	51.07	50.84	50.72	50.77
6	49.88	49.22	49.55	50.46	50.20	50.33	51.14	50.99	51.07	50.86	50.72	50.80
7	50.16	49.21	49.76	50.44	50.23	50.33	51.16	50.97	51.06	50.89	50.74	50.81
8	50.16	49.75	49.97	50.56	50.21	50.35	51.03	50.78	50.92	50.90	50.75	50.82
9	50.14	49.68	49.93	50.56	50.25	50.38	50.92	50.73	50.83	50.88	50.74	50.80
10	50.22	49.97	50.15	50.42	50.22	50.32	50.81	50.65	50.72	50.85	50.73	50.79
11	50.38	50.16	50.30	50.62	50.30	50.46	50.72	50.61	50.65	50.90	50.76	50.84
12	50.28	49.90	50.04	50.68	50.55	50.62	50.71	50.57	50.64	50.90	50.73	50.81
13	49.90	49.61	49.72	50.75	50.63	50.71	50.78	50.63	50.72	50.74	50.57	50.66
14	49.98	49.73	49.83	50.95	50.70	50.83	50.76	50.58	50.68	50.82	50.64	50.74
15	50.12	49.77	49.97	50.98	50.81	50.91	50.67	50.49	50.57	50.90	50.75	50.83
16	50.39	49.89	50.22	50.96	50.80	50.89	50.66	50.47	50.56	50.95	50.77	50.85
17	50.53	50.28	50.45	51.05	50.89	50.97	50.64	50.49	50.57	50.90	50.73	50.80
18	50.53	50.21	50.40	51.07	50.88	50.99	50.65	50.51	50.57	50.83	50.73	50.77
19	50.42	50.11	50.31	51.08	50.90	50.99	50.66	50.49	50.56	50.83	50.70	50.76
20	50.68	50.20	50.42	51.10	50.94	51.01	50.65	50.48	50.58	50.90	50.75	50.82
21	50.95	50.66	50.83	51.06	50.89	50.97	50.82	50.56	50.69	50.97	50.79	50.87
22	51.01	50.68	50.84	51.06	50.85	50.97	50.87	50.70	50.79	50.97	50.83	50.91
23	50.92	50.71	50.82	51.12	50.95	51.04	50.84	50.67	50.75	51.00	50.84	50.92
24	51.04	50.76	50.88	51.21	51.03	51.11	50.80	50.57	50.69	51.00	50.82	50.88
25	51.10	50.07	50.71	51.16	50.96	51.06	50.73	50.61	50.66	50.97	50.83	50.90
26	50.56	49.80	50.11	51.08	50.92	51.00	50.75	50.58	50.67	51.02	50.90	50.95
27	50.75	50.46	50.59	51.05	50.89	50.97	50.74	50.61	50.67	51.01	50.89	50.95
28	50.70	49.97	50.36	51.09	50.94	51.01	50.69	50.55	50.61	51.01	50.89	50.96
29	49.97	49.72	49.84	51.06	50.85	50.97	50.67	50.54	50.60	51.17	50.99	51.08
30	49.94	49.66	49.79	50.91	50.67	50.80	50.71	50.54	50.61	51.22	51.09	51.14
31	---	---	---	50.82	50.67	50.76	50.72	50.51	50.62	---	---	---
Month	51.10	48.66	50.07	51.21	49.94	50.75	51.32	50.47	50.75	51.22	50.57	50.84

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