315906081011202 Local number 37P114

Floridan aquifer system
Upper Floridan aquifer

Chatham County, GA

LOCATION.--Lat 31°59′06″, long 81°01′12″ referenced to North American Datum of 1927, Chatham County, Hydrologic Unit 03060204.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 400 ft. Upper casing diameter 6 in; top of first opening 262 ft, bottom of last opening 400 ft.

WELL USE.--Observation well.

DATUM.--Land-surface datum is 10 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of recorder shelf, 3.8 ft above land-surface datum.

PERIOD OF RECORD.--January 15, 1984 to current year.

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

REMARKS.--Negative value indicates water level above land surface.

EXTREMES FOR CURRENT YEAR.--Highest water level, 42.39 ft below land surface datum, Apr 8; lowest water level, 51.54 ft below land surface datum, Oct 2.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	51.52	49.78	50.81	50.34	48.95	49.72	48.42	47.41	47.91	47.05	45.71	46.49
2	51.54	49.95	50.89	50.24	48.94	49.72	48.28	47.02	47.75	46.94	45.70	46.45
3	51.45	49.93	50.83	50.40	49.24	49.91	48.12	47.03	47.70	46.90	45.81	46.43
4	51.40	50.10	50.86	50.25	49.09	49.79	48.32	47.18	47.74	46.84	45.80	46.40
5	51.16	49.97	50.70	50.44	49.06	49.76	48.30	47.21	47.80	46.95	45.53	46.30
6	51.30	50.12	50.76	50.23	48.98	49.64	48.30	47.09	47.75	46.86	45.36	46.15
7	51.28	49.98	50.74	50.03	48.75	49.47	---	---	---	46.98	45.13	46.22
8	51.29	49.80	50.66	50.21	48.80	49.54	---	---	---	47.23	44.87	46.18
9	51.14	49.49	50.40	50.33	48.58	49.45	---	---	---	47.27	44.92	46.28
10	51.14	49.50	50.39	50.25	48.34	49.36	48.28	46.04	47.32	47.15	44.76	46.13
11	51.00	49.22	50.20	50.31	48.07	49.26	48.24	46.05	47.39	46.99	44.57	45.99
12	50.87	48.62	49.91	50.14	47.89	49.12	48.33	46.13	47.35	47.02	44.58	46.02
13	50.71	48.68	49.79	49.80	47.61	48.90	48.13	46.25	47.30	46.89	44.65	45.97
14	50.86	48.77	49.88	49.72	47.57	48.88	48.12	46.13	47.32	46.84	44.98	46.03
15	50.66	48.52	49.77	49.85	47.61	48.97	48.29	46.27	47.47	46.69	44.93	45.93
16	50.66	48.66	49.86	49.81	47.77	49.01	48.25	46.50	47.54	46.50	44.98	45.81
17	50.67	48.80	49.93	49.58	47.77	48.90	48.07	46.35	47.39	46.60	45.10	45.96
18	50.76	49.04	50.06	49.49	47.74	48.79	47.83	46.25	47.21	46.66	45.22	46.07
19	50.61	48.91	49.90	49.57	47.88	48.86	47.74	46.27	47.09	46.60	45.18	46.01
20	50.41	48.81	49.79	49.51	47.94	48.80	48.07	46.78	47.42	46.44	45.23	45.88
21	50.28	48.42	49.55	49.44	47.89	48.77	48.30	46.60	47.51	46.32	44.66	45.64
22	50.25	48.45	49.44	49.41	47.64	48.59	48.19	46.43	47.29	46.33	44.43	45.51
23	50.29	48.28	49.32	49.41	47.42	48.49	47.81	45.98	47.02	46.42	45.15	45.82
24	50.29	48.02	49.23	49.15	47.06	48.23	47.81	45.96	46.98	46.86	44.88	45.89
25	50.24	47.99	49.24	49.06	47.35	48.34	47.50	45.59	46.67	46.70	45.00	45.84
26	50.37	48.13	49.35	48.88	47.08	48.09	47.22	45.17	46.43	46.51	44.77	45.80
27	50.30	48.12	49.36	48.75	46.82	47.88	47.39	45.65	46.69	46.40	44.79	45.74
28	50.30	48.35	49.49	48.52	47.08	47.92	47.36	45.71	46.67	46.57	44.86	45.84
29	50.32	48.60	49.54	48.51	47.06	47.93	47.31	45.71	46.64	46.33	44.73	45.66
30	50.21	48.44	49.47	48.46	46.97	47.80	47.15	45.78	46.60	46.20	44.67	45.55
31	50.24	48.64	49.57	---	---	---	47.15	45.80	46.58	46.20	44.92	45.64
Month	51.54	47.99	49.99	50.44	46.82	48.93	---	---	---	47.27	44.43	45.99

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	46.17	44.85	45.57	45.59	44.05	45.05	44.77	43.26	44.17	45.95	43.88	45.07
2	45.96	44.53	45.41	45.63	44.58	45.15	44.87	42.82	44.06	45.93	44.07	45.15
3	46.00	44.27	45.29	45.58	44.46	45.11	45.09	43.70	44.38	46.20	44.20	45.22
4	46.06	44.19	45.30	45.71	44.20	45.07	45.23	43.47	44.37	46.52	44.22	45.36
5	46.30	43.97	45.18	45.81	44.31	45.11	45.24	43.46	44.40	46.17	43.62	45.02
6	46.17	43.80	45.18	45.84	44.20	45.11	45.30	43.15	44.32	45.81	43.57	44.87
7	46.26	43.72	45.10	45.81	44.02	44.98	45.23	42.65	44.03	45.82	43.59	44.93
8	46.08	43.45	44.97	45.72	43.40	44.82	44.84	42.39	43.80	45.80	43.75	44.97
9	46.00	43.36	44.87	45.81	43.51	44.78	44.81	42.53	43.83	46.04	44.11	45.23
10	45.93	43.85	45.05	46.11	43.58	44.87	44.95	42.75	44.02	46.16	44.36	45.47
11	45.91	43.96	45.08	45.69	43.76	44.85	45.06	42.82	44.10	46.00	44.27	45.38
12	45.92	43.90	44.99	45.70	43.90	44.91	44.70	42.94	44.01	46.03	44.49	45.47
13	46.01	43.90	45.07	45.86	43.98	44.99	44.56	42.99	43.98	46.55	44.68	45.80
14	45.89	44.26	45.24	45.82	44.20	45.11	44.46	43.00	43.91	46.35	45.04	45.86
15	45.76	44.67	45.27	45.54	44.11	44.96	44.39	42.91	43.88	46.41	45.06	45.91
16	45.52	44.47	45.09	45.26	43.97	44.68	44.58	43.07	44.05	46.63	45.29	46.08
17	45.82	44.38	45.20	45.17	43.77	44.66	44.80	43.23	44.17	46.53	45.08	45.83
18	45.91	44.61	45.35	45.28	43.94	44.76	44.98	43.49	44.37	46.44	44.97	45.78
19	46.18	44.66	45.50	45.29	44.02	44.73	45.23	43.78	44.59	46.47	44.83	45.70
20	46.18	44.86	45.61	45.35	44.01	44.77	45.82	44.05	44.86	46.43	44.67	45.58
21	46.42	44.68	45.65	45.50	44.12	44.88	45.64	44.05	44.89	46.14	43.94	45.24
22	46.48	44.86	45.71	45.38	43.74	44.58	45.85	44.11	45.05	46.10	44.00	45.17
23	46.39	44.61	45.57	45.23	43.35	44.43	45.67	43.98	44.86	46.55	44.08	45.38
24	46.19	44.25	45.35	45.66	43.75	44.71	45.64	43.89	44.89	46.19	43.74	45.30
25	46.14	44.35	45.30	45.33	43.41	44.46	45.82	43.75	44.99	46.32	43.98	45.36
26	45.94	44.14	45.18	45.25	43.19	44.34	45.75	43.83	45.03	46.44	44.33	45.65
27	45.91	43.20	44.79	45.10	42.85	44.16	45.79	44.07	45.11	46.78	44.60	45.95
28	45.47	43.44	44.77	45.03	43.44	44.23	45.89	44.00	45.23	46.94	44.81	46.16
29	---	---	---	44.89	43.02	44.22	45.78	44.00	45.16	46.83	44.90	46.11
30	---	---	---	45.02	43.15	44.29	45.73	43.96	45.10	46.94	44.89	46.12
31	---	---	---	44.88	43.29	44.27	---	---	---	46.98	44.95	45.97
Month	46.48	43.20	45.24	46.11	42.85	44.74	45.89	42.39	44.45	46.98	43.57	45.52

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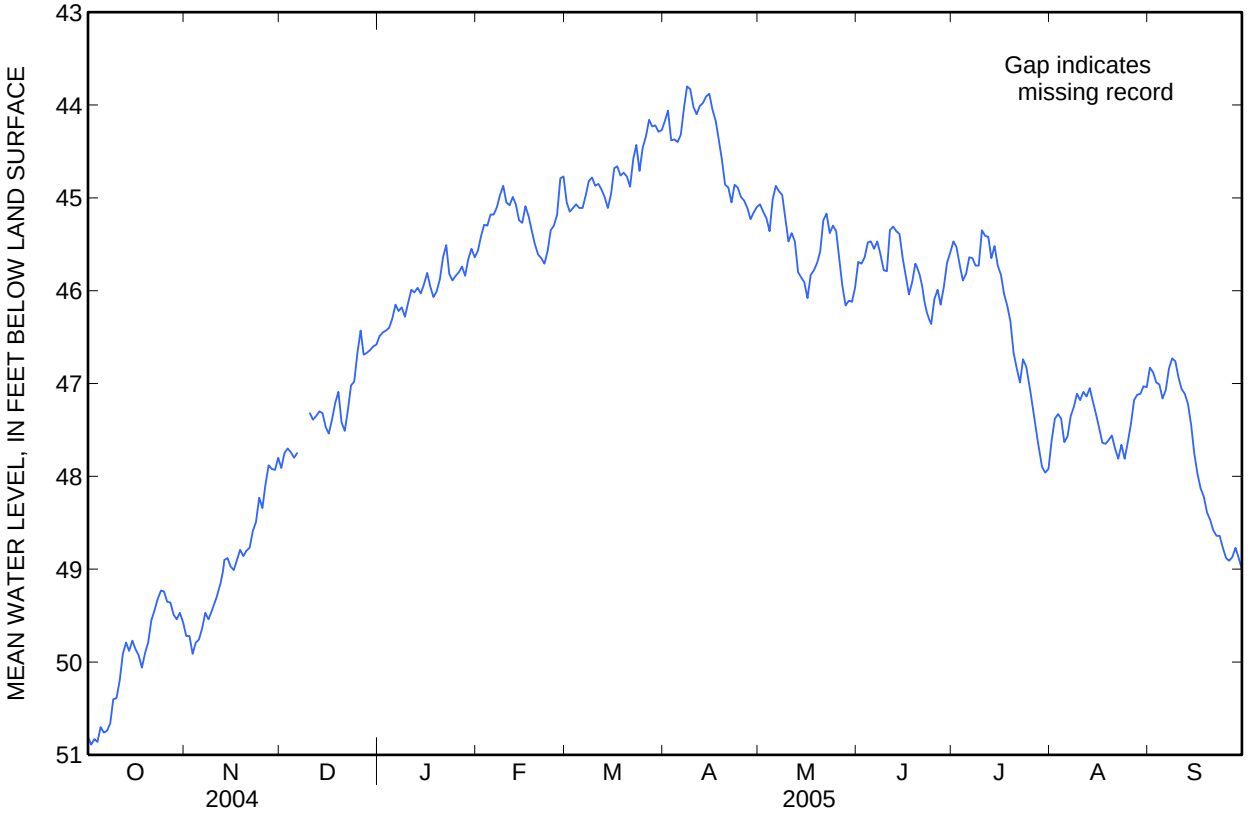
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	46.69	44.57	45.69	46.21	44.31	45.47	48.35	46.51	47.61	47.53	45.70	46.83
2	46.66	44.54	45.71	46.30	44.44	45.53	48.20	46.22	47.38	47.62	45.90	46.88
3	46.59	44.37	45.64	46.53	44.67	45.72	48.38	46.24	47.33	47.75	46.04	46.99
4	46.30	44.30	45.48	46.74	44.71	45.89	48.22	46.31	47.38	47.69	45.99	47.01
5	46.42	44.32	45.47	46.61	44.68	45.82	48.49	46.63	47.63	47.97	46.18	47.16
6	46.56	44.32	45.55	46.35	44.58	45.64	48.27	46.45	47.57	47.84	46.07	47.07
7	46.32	44.40	45.47	46.41	44.49	45.65	48.11	46.24	47.35	47.57	45.91	46.84
8	46.38	44.64	45.61	46.53	44.79	45.73	47.97	46.09	47.25	47.40	45.86	46.73
9	46.44	44.86	45.78	46.40	44.38	45.73	47.66	46.25	47.11	47.39	45.86	46.76
10	46.44	44.51	45.79	46.01	44.32	45.35	47.80	46.34	47.18	47.55	45.94	46.93
11	45.98	44.29	45.35	45.96	44.40	45.41	47.72	46.40	47.09	47.70	46.05	47.06
12	45.86	44.29	45.31	45.97	44.53	45.42	47.74	46.43	47.14	47.87	46.09	47.11
13	45.85	44.42	45.36	46.19	44.75	45.65	47.60	46.19	47.05	48.21	46.05	47.22
14	45.97	44.50	45.39	46.19	44.90	45.52	47.92	46.22	47.19	48.56	46.35	47.45
15	46.24	44.85	45.65	46.54	45.03	45.73	48.21	46.28	47.33	48.70	46.58	47.75
16	46.53	45.07	45.84	46.49	44.91	45.83	48.58	46.33	47.48	49.16	46.63	47.97
17	46.79	45.22	46.04	46.79	45.05	46.04	48.61	46.24	47.64	49.20	46.77	48.13
18	46.72	44.82	45.91	47.01	45.00	46.16	48.70	46.13	47.65	49.31	46.91	48.22
19	46.59	44.44	45.71	47.21	45.15	46.33	48.71	46.07	47.61	49.47	47.17	48.39
20	46.82	44.40	45.79	47.59	45.31	46.67	48.59	46.06	47.56	49.33	47.32	48.47
21	46.96	44.48	45.93	48.02	45.41	46.84	48.71	46.53	47.70	49.41	47.48	48.58
22	47.11	44.71	46.14	48.05	45.39	46.99	48.70	46.45	47.81	49.35	47.62	48.64
23	47.33	44.75	46.27	47.63	45.32	46.74	48.51	46.63	47.66	49.36	47.70	48.64
24	47.25	44.84	46.36	47.77	45.52	46.82	48.75	46.67	47.81	49.35	47.88	48.77
25	47.01	44.63	46.09	47.79	45.60	47.01	48.59	46.60	47.64	49.43	48.13	48.88
26	46.92	44.63	45.99	48.07	46.04	47.26	48.30	46.36	47.44	49.64	48.06	48.91
27	46.96	44.88	46.15	48.27	46.50	47.49	47.85	46.18	47.18	49.61	48.00	48.87
28	46.78	44.97	45.96	48.47	46.79	47.69	47.73	46.20	47.12	49.64	47.85	48.77
29	46.52	44.70	45.70	48.79	46.95	47.90	48.02	46.09	47.11	49.63	47.95	48.88
30	46.47	44.51	45.59	48.59	47.09	47.96	47.80	46.08	47.03	49.91	47.94	49.00
31	---	---	---	48.63	46.87	47.92	47.76	45.95	47.04	---	---	---
Month	47.33	44.29	45.76	48.79	44.31	46.32	48.75	45.95	47.39	49.91	45.70	47.83

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