

Water-Data Report 2006

330548081391103 Local number 32Y033

Floridan aquifer system

Gordon Aquifer System

Burke County, GA

LOCATION.--Lat 33°05'48", long 81°39'11" referenced to North American Datum of 1927, Burke County, GA, Hydrologic Unit 03060106.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 210 ft. Upper casing diameter 6 in; top of first opening 150 ft, bottom of last opening 200 ft.

DATUM.--Land-surface datum is 85 ft above National Geodetic Vertical Datum of 1929. Measuring point: land surface east side of bunker, 0 ft above land-surface datum, July 13, 1995, to present.

PERIOD OF RECORD.--July 13, 1995 to current year.

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

EXTREMES FOR CURRENT YEAR.--Highest water level, 33.96 ft above land surface datum, Apr 3; lowest water level, 15.16 ft above land surface datum, Jul 24.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE

WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

[- (minus sign), value is water level above land surface]

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	-28.19	-28.26	-28.22	-30.30	-30.59	-30.50	---	---	---	---	---	---
2	-28.26	-28.31	-28.29	-30.56	-30.58	-30.57	---	---	---	---	---	---
3	-28.31	-28.46	-28.38	-30.53	-30.58	-30.56	---	---	---	---	---	---
4	-28.46	-28.74	-28.63	-30.41	-30.53	-30.48	---	---	---	---	---	---
5	-28.73	-28.86	-28.77	-30.39	-30.45	-30.41	---	---	---	---	---	---
6	-28.86	-29.12	-29.04	-30.45	-30.56	-30.52	---	---	---	---	---	---
7	-29.08	-29.12	-29.10	-30.50	-30.56	-30.53	---	---	---	---	---	---
8	-29.12	-29.21	-29.17	-30.56	-30.73	-30.66	---	---	---	---	---	---
9	-29.21	-29.35	-29.29	-30.53	-30.73	-30.66	---	---	---	---	---	---
10	-29.33	-29.35	-29.34	-30.40	-30.53	-30.44	---	---	---	---	---	---
11	-29.34	-29.45	-29.39	-30.10	-30.42	-30.22	---	---	---	---	---	---
12	-29.45	-29.53	-29.49	-30.10	-30.17	-30.14	---	---	---	---	---	---
13	-29.53	-29.57	-29.55	-30.07	-30.15	-30.12	---	---	---	---	---	---
14	-29.57	-29.71	-29.64	-30.08	-30.17	-30.12	---	---	---	---	---	---
15	-29.71	-29.78	-29.76	-30.17	-30.38	-30.31	---	---	---	---	---	---
16	-29.78	-29.92	-29.86	-30.33	-30.39	-30.37	---	---	---	---	---	---
17	-29.91	-30.02	-29.95	-30.37	-30.46	-30.43	---	---	---	---	---	---
18	-30.02	-30.20	-30.15	---	---	---	---	---	---	---	---	---
19	-30.18	-30.25	-30.20	---	---	---	---	---	---	---	---	---
20	-30.25	-30.39	-30.34	---	---	---	---	---	---	---	---	---
21	-30.35	-30.37	-30.36	---	---	---	---	---	---	---	---	---
22	-30.36	-30.40	-30.39	---	---	---	---	---	---	---	---	---
23	-30.39	-30.54	-30.46	---	---	---	---	---	---	---	---	---
24	-30.52	-30.55	-30.54	---	---	---	---	---	---	---	---	---
25	-30.54	-30.72	-30.68	---	---	---	---	---	---	---	---	---
26	-30.68	-30.73	-30.71	---	---	---	---	---	---	---	---	---
27	-30.65	-30.75	-30.71	---	---	---	---	---	---	---	---	---
28	-30.48	-30.65	-30.54	---	---	---	---	---	---	---	---	---
29	-30.22	-30.48	-30.36	---	---	---	---	---	---	---	---	---
30	-30.15	-30.22	-30.18	---	---	---	---	---	---	---	---	---
31	-30.17	-30.30	-30.24	---	---	---	---	---	---	---	---	---
Month	-28.19	-30.75	-29.73	---	---	---	---	---	---	---	---	---

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE

WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

[- (minus sign), value is water level above land surface]

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	-33.84	-33.92	-33.87	-30.82	-30.97	-30.89
2	---	---	---	---	---	---	-33.91	-33.95	-33.93	-30.97	-31.03	-31.01
3	---	---	---	---	---	---	-33.91	-33.96	-33.94	-31.03	-31.16	-31.09
4	---	---	---	---	---	---	-33.63	-33.94	-33.79	-31.16	-31.27	-31.20
5	---	---	---	---	---	---	-33.09	-33.63	-33.37	-31.27	-31.38	-31.33
6	---	---	---	---	---	---	-32.27	-33.09	-32.67	-31.36	-31.39	-31.38
7	---	---	---	---	---	---	-31.61	-32.27	-31.94	-31.39	-31.42	-31.40
8	---	---	---	---	---	---	-31.21	-31.61	-31.36	-31.33	-31.40	-31.36
9	---	---	---	---	---	---	-31.05	-31.21	-31.10	-31.25	-31.33	-31.29
10	---	---	---	---	---	---	-31.05	-31.15	-31.10	-30.60	-31.27	-31.17
11	---	---	---	---	---	---	-31.15	-31.28	-31.23	-31.19	-31.28	-31.24
12	---	---	---	---	---	---	-31.26	-31.37	-31.32	-31.17	-31.20	-31.19
13	---	---	---	---	---	---	-31.37	-31.57	-31.47	-31.18	-31.22	-31.19
14	---	---	---	---	---	---	-31.57	-31.70	-31.65	-31.19	-31.33	-31.25
15	---	---	---	---	---	---	-31.65	-31.69	-31.68	-31.33	-31.38	-31.36
16	---	---	---	---	---	---	-31.36	-31.65	-31.54	-31.34	-31.39	-31.36
17	---	---	---	---	---	---	-30.76	-31.36	-31.08	-31.33	-31.35	-31.34
18	---	---	---	---	---	---	-30.26	-30.76	-30.48	-31.35	-31.37	-31.36
19	---	---	---	---	---	---	-30.22	-30.26	-30.24	-31.23	-31.37	-31.32
20	---	---	---	---	---	---	-30.21	-30.27	-30.24	-30.71	-31.23	-30.99
21	---	---	---	---	---	---	-30.18	-30.22	-30.19	-30.09	-30.71	-30.39
22	---	---	---	---	---	---	-30.21	-30.25	-30.23	-29.70	-30.09	-29.86
23	---	---	---	---	---	---	-30.24	-30.29	-30.27	-29.64	-29.70	-29.66
24	---	---	---	---	---	---	-30.28	-30.36	-30.32	-29.65	-29.71	-29.68
25	---	---	---	---	---	---	-30.36	-30.50	-30.42	-29.46	-29.72	-29.63
26	---	---	---	---	---	---	-30.48	-30.56	-30.51	-28.87	-29.46	-29.18
27	---	---	---	---	---	---	-30.56	-30.60	-30.58	-28.13	-28.87	-28.51
28	---	---	---	---	---	---	-30.58	-30.63	-30.60	-27.66	-28.13	-27.86
29	---	---	---	---	---	-33.91	-30.63	-30.70	-30.67	-27.55	-27.66	-27.59
30	---	---	---	-33.87	-33.92	-33.90	-30.70	-30.82	-30.76	-27.28	-27.55	-27.45
31	---	---	---	-33.82	-33.87	-33.85	---	---	---	-26.76	-27.28	-27.05
Month	---	---	---	---	---	---	-30.18	-33.96	-31.42	-26.76	-31.42	-30.37

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE

WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

[- (minus sign), value is water level above land surface]

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	-26.27	-26.76	-26.48	-22.84	-22.93	-22.90	-16.09	-16.46	-16.29	-17.57	-17.71	-17.64
2	-26.13	-26.27	-26.21	-22.49	-22.84	-22.68	-16.46	-16.55	-16.51	-17.71	-17.91	-17.82
3	-26.01	-26.24	-26.13	-22.15	-22.49	-22.30	-16.30	-16.47	-16.42	-17.88	-17.94	-17.91
4	-25.79	-26.01	-25.90	-21.86	-22.15	-22.02	-16.22	-16.30	-16.26	-17.94	-18.24	-18.09
5	-25.77	-25.92	-25.84	-21.50	-21.86	-21.68	-16.24	-16.37	-16.32	-18.24	-18.48	-18.35
6	-25.81	-25.91	-25.84	-21.42	-21.50	-21.45	-16.22	-16.35	-16.30	-18.48	-18.67	-18.61
7	-25.79	-25.89	-25.87	-21.43	-21.57	-21.51	-15.87	-16.23	-16.10	-18.65	-18.86	-18.75
8	-25.34	-25.79	-25.58	-21.57	-21.68	-21.65	-15.86	-15.96	-15.94	-18.86	-18.99	-18.95
9	-25.14	-25.34	-25.24	-21.49	-21.62	-21.55	-15.92	-16.01	-15.97	-18.97	-19.15	-19.08
10	-24.85	-25.14	-24.99	-21.11	-21.49	-21.34	-15.93	-16.28	-16.03	-19.15	-19.29	-19.24
11	-24.22	-24.85	-24.53	-20.71	-21.11	-20.93	-16.17	-16.29	-16.25	-19.29	-19.49	-19.41
12	-23.83	-24.22	-24.00	-20.16	-20.71	-20.46	-16.14	-16.19	-16.17	-19.49	-19.78	-19.65
13	-23.74	-23.97	-23.80	-19.58	-20.16	-19.91	-16.17	-16.20	-16.19	-19.74	-20.19	-19.96
14	-23.97	-24.09	-24.01	-19.07	-19.58	-19.35	-16.15	-16.21	-16.19	-20.19	-20.35	-20.30
15	-24.07	-24.10	-24.08	-18.48	-19.07	-18.78	-16.21	-16.41	-16.34	-20.35	-20.57	-20.48
16	-24.09	-24.15	-24.13	-18.08	-18.48	-18.24	-16.41	-16.47	-16.46	-20.57	-20.75	-20.69
17	-24.15	-24.21	-24.18	-17.84	-18.08	-17.97	-16.44	-16.48	-16.45	-20.75	-21.03	-20.91
18	-23.93	-24.21	-24.11	-17.53	-17.84	-17.71	-16.32	-16.50	-16.45	-21.03	-21.26	-21.16
19	-23.52	-23.93	-23.71	-16.80	-17.53	-17.21	-16.13	-16.34	-16.26	-21.26	-21.42	-21.34
20	-23.45	-23.52	-23.48	-16.12	-16.80	-16.48	-15.95	-16.13	-16.01	-21.40	-21.63	-21.55
21	-23.07	-23.45	-23.29	-15.58	-16.12	-15.85	-15.95	-16.12	-16.01	-21.63	-21.86	-21.79
22	-22.68	-23.07	-22.89	-15.28	-15.58	-15.42	-16.12	-16.40	-16.30	-21.85	-22.08	-21.98
23	-22.39	-22.68	-22.51	-15.19	-15.38	-15.28	-16.40	-16.68	-16.56	-22.08	-22.25	-22.16
24	-22.12	-22.39	-22.27	-15.16	-15.39	-15.21	-16.67	-16.79	-16.74	-22.24	-22.41	-22.34
25	-21.77	-22.12	-21.94	-15.39	-15.61	-15.52	-16.79	-16.96	-16.90	-22.40	-22.64	-22.54
26	-21.69	-21.80	-21.74	-15.57	-15.63	-15.60	-16.94	-17.05	-17.01	-22.64	-22.87	-22.79
27	-21.80	-22.11	-21.96	-15.57	-15.64	-15.62	-16.97	-17.03	-16.99	-22.86	-23.06	-22.97
28	-22.11	-22.39	-22.25	-15.61	-15.65	-15.64	-17.03	-17.30	-17.17	-22.91	-23.12	-23.06
29	-22.39	-22.65	-22.53	-15.64	-15.79	-15.74	-17.30	-17.52	-17.43	-22.71	-22.91	-22.80
30	-22.65	-22.86	-22.76	-15.79	-16.00	-15.92	-17.43	-17.63	-17.54	-22.70	-22.74	-22.72
31	---	---	---	-15.99	-16.09	-16.03	-17.52	-17.59	-17.56	---	---	---
Month	-21.69	-26.76	-24.07	-15.16	-22.93	-18.64	-15.86	-17.63	-16.49	-17.57	-23.12	-20.50

330548081391103 Local number 32Y033—Continued

