Water-Data Report 2006

310818081294201 Local number 34H391

Floridan aquifer system
Lower Floridan Aquifer

Glynn County, GA

LOCATION.--Lat 31°08′18″, long 81°29′42″ referenced to North American Datum of 1927, Glynn County, GA, Hydrologic Unit 03070203.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 1,158 ft. Upper casing diameter 6.00 in; top of first opening 1,070 ft, bottom of last opening 1,158 ft.

DATUM.--Land-surface datum is 7.13 ft above National Geodetic Vertical Datum of 1929. Measuring point: landsurface, 0 ft above land-surface datum, Mar. 2, 2006, to present.

PERIOD OF RECORD.--August 21, 1975 to current year.

COOPERATION.--City of Brunswick, Glynn County, Koch Cellulose Inc., Jekyll Island Authority.

EXTREMES FOR CURRENT YEAR.--Highest water level, 13.79 ft above land surface datum, Jan 25; lowest water level, 3.87 ft above land surface datum, Jul 29.

310818081294201 Local number 34H391—Continued

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	-10.04	-10.88	-10.46	-10.45	-11.28	-10.91	-10.16	-11.16	-10.71	-10.81	-11.85	-11.35
2	-10.15	-11.04	-10.62	-10.51	-11.45	-11.01	-10.36	-11.22	-10.77	-10.87	-11.91	-11.39
3	-10.29	-11.08	-10.71	-10.24	-11.07	-10.69	-10.25	-11.29	-10.84	-10.82	-11.79	-11.30
4	-10.33	-11.13	-10.78	-10.29	-11.19	-10.70	-10.55	-11.36	-10.96	-10.75	-11.67	-11.18
5	-10.54	-12.06	-11.30	-10.22	-11.03	-10.63	-10.61	-11.47	-10.99	-11.01	-12.05	-11.55
6	-11.12	-11.90	-11.52	-10.38	-11.14	-10.73	-10.39	-11.28	-10.78	-10.99	-12.01	-11.49
7	-11.07	-11.85	-11.43	-10.29	-11.07	-10.65	-10.31	-11.09	-10.65	-10.79	-11.65	-11.23
8	-11.00	-11.69	-11.33	-10.25	-11.03	-10.58	-10.49	-11.36	-10.90	-10.77	-11.57	-11.18
9	-10.86	-11.58	-11.19	-10.43	-11.48	-10.91	-10.71	-11.54	-11.10	-10.68	-11.52	-11.08
10	-10.73	-11.44	-11.05	-10.89	-11.77	-11.31	-10.86	-11.64	-11.26	-10.75	-11.48	-11.17
11	-10.57	-11.32	-10.94	-10.56	-11.82	-11.27	-11.02	-11.85	-11.45	-10.94	-11.74	-11.32
12	-10.53	-11.59	-11.04	-10.34	-11.46	-10.95	-10.83	-11.89	-11.42	-10.94	-11.84	-11.41
13	-10.62	-11.57	-11.14	-10.14	-11.26	-10.75	-10.71	-11.65	-11.20	-11.00	-11.94	-11.52
14	-10.53	-11.47	-11.03	-10.14	-11.09	-10.66	-10.71	-11.65	-11.23	-11.15	-11.83	-11.46
15	-10.59	-11.62	-11.15	-10.32	-11.38	-10.94	-10.82	-12.01	-11.50	-11.15	-11.89	-11.55
16	-10.64	-11.65	-11.17	-10.48	-11.37	-10.86	-10.92	-11.81	-11.32	-11.15	-11.97	-11.59
17	-10.60	-11.62	-11.14	-10.23	-11.01	-10.60	-10.76	-11.51	-11.18	-11.14	-11.83	-11.50
18	-10.60	-11.63	-11.14	-10.28	-11.08	-10.72	-10.90	-11.55	-11.22	-10.70	-11.56	-11.04
19	-10.67	-11.63	-11.17	-10.41	-11.16	-10.75	-10.78	-11.54	-11.18	-10.70	-11.36	-11.03
20	-10.75	-11.71	-11.27	-10.30	-11.13	-10.72	-10.86	-11.46	-11.15	-10.73	-11.35	-11.02
21	-10.84	-11.55	-11.17	-10.75	-11.44	-11.04	-10.88	-11.49	-11.15	-10.94	-11.79	-11.29
22	-10.93	-11.75	-11.34	-10.66	-11.30	-10.91	-10.86	-11.46	-11.13	-11.67	-12.65	-12.05
23	-11.20	-11.89	-11.50	-10.58	-11.22	-10.88	-10.90	-11.46	-11.15	-12.61	-13.21	-12.87
24	-11.17	-11.83	-11.46	-10.73	-11.32	-10.99	-11.03	-11.71	-11.34	-12.93	-13.71	-13.31
25	-10.76	-11.47	-11.15	-10.60	-11.20	-10.89	-11.17	-11.88	-11.54	-12.70	-13.79	-13.31
26	-10.56	-11.19	-10.88	-10.65	-11.23	-10.93	-10.92	-11.69	-11.28	-12.40	-13.45	-12.96
27	-10.53	-11.21	-10.84	-10.74	-11.38	-11.07	-10.89	-11.67	-11.26	-12.31	-13.33	-12.83
28	-10.34	-11.04	-10.73	-10.72	-11.52	-11.10	-10.94	-11.77	-11.41	-12.25	-13.18	-12.70
29	-10.19	-10.92	-10.59	-10.61	-11.53	-11.09	-10.93	-11.91	-11.46	-12.19	-13.26	-12.77
30	-10.19	-10.93	-10.58	-10.27	-11.35	-10.88	-10.88	-11.80	-11.32	-12.08	-13.12	-12.60
31	-10.25	-11.16	-10.77	---	---	---	-10.80	-11.84	-11.35	-11.61	-12.63	-12.14
Month	-10.04	-12.06	-11.05	-10.14	-11.82	-10.87	-10.16	-12.01	-11.17	-10.68	-13.79	-11.78

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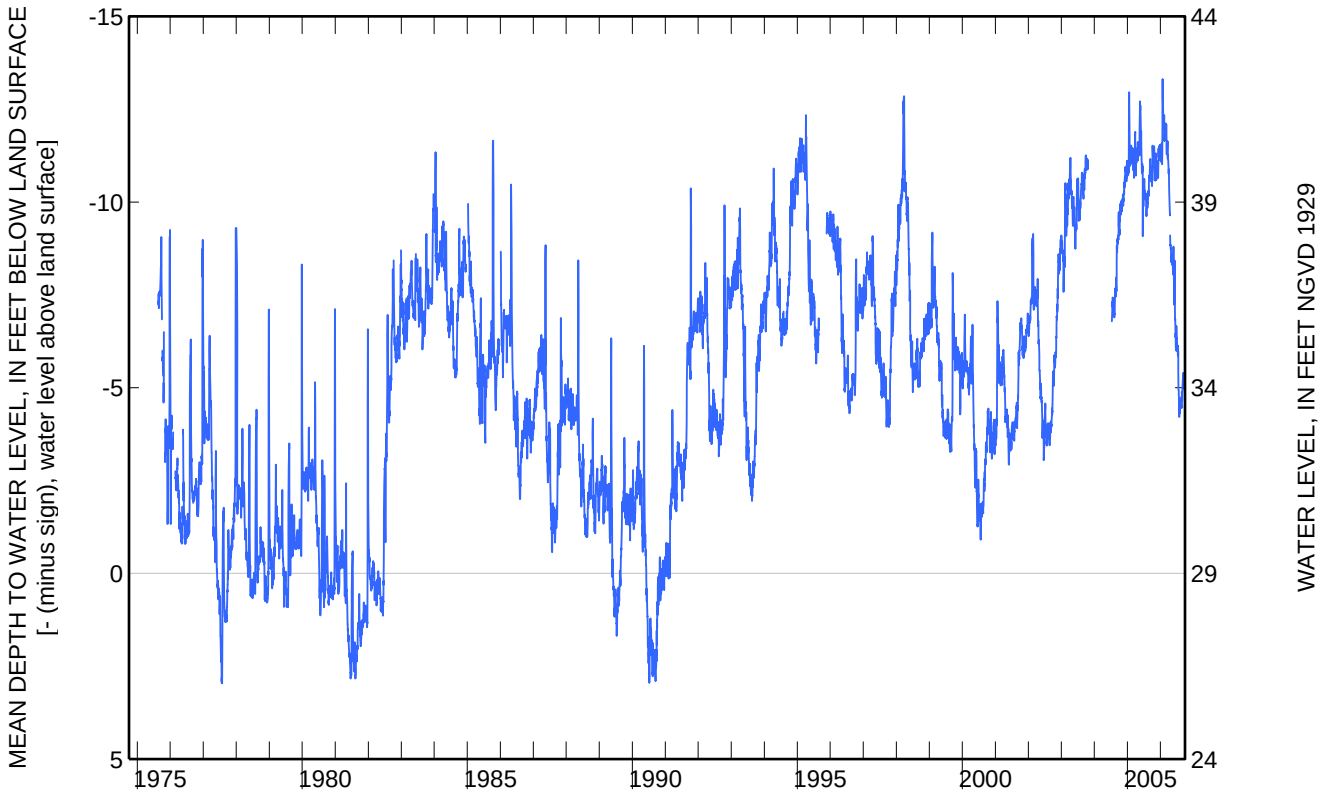
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
[- (minus sign), value is water level above land surface]

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	-11.43	-12.45	-11.94	-11.15	-12.37	-11.73	-10.38	-11.25	-10.80	-8.17	-9.08	-8.57
2	-11.57	-12.51	-12.07	-11.36	-12.53	-11.97	-10.36	-11.25	-10.76	-8.13	-8.92	-8.47
3	-11.72	-12.68	-12.14	-11.59	-12.43	-11.99	-10.52	-11.25	-10.88	-8.12	-8.84	-8.41
4	-11.81	-12.72	-12.27	-11.42	-12.39	-11.85	-10.54	-11.22	-10.87	-8.03	-8.72	-8.38
5	-11.65	-12.41	-12.01	-11.54	-12.33	-11.90	-10.44	-11.26	-10.80	-8.16	-8.76	-8.46
6	-11.72	-12.34	-12.02	-11.77	-12.42	-12.09	-10.25	-10.93	-10.58	-8.14	-8.76	-8.46
7	-11.86	-12.53	-12.15	-11.73	-12.42	-12.04	-9.99	-10.74	-10.36	-8.08	-8.73	-8.41
8	-11.72	-12.50	-12.11	-11.54	-12.32	-11.90	-9.83	-10.56	-10.21	-7.98	-8.69	-8.36
9	-11.62	-12.46	-12.04	-11.32	-12.07	-11.69	-9.78	-10.47	-10.16	-7.93	-8.67	-8.33
10	-11.62	-12.38	-12.06	-10.84	-11.83	-11.39	-9.74	-10.45	-10.11	-7.85	-8.88	-8.33
11	-11.81	-12.73	-12.34	-10.84	-11.66	-11.28	-9.74	-10.47	-10.10	-8.06	-8.86	-8.45
12	-11.86	-12.60	-12.21	-11.03	-11.88	-11.52	-9.45	-10.24	-9.86	-7.86	-8.70	-8.33
13	-11.60	-12.34	-11.94	-11.20	-12.00	-11.61	-9.38	-10.29	-9.84	-7.90	-8.85	-8.30
14	-11.47	-12.15	-11.81	-11.15	-11.95	-11.54	-9.42	-10.15	-9.80	-8.04	-9.04	-8.49
15	-11.32	-12.00	-11.64	-10.99	-11.75	-11.36	-9.38	-10.21	-9.78	-8.18	-9.02	-8.57
16	-11.29	-12.18	-11.74	-10.87	-11.75	-11.29	-9.28	-10.00	-9.64	-8.21	-9.02	-8.57
17	-11.47	-12.11	-11.79	-11.06	-11.80	-11.43	-9.37	-10.04	-9.67	-8.21	-9.02	-8.57
18	-11.49	-12.17	-11.85	-11.03	-11.82	-11.44	---	---	---	-8.14	-8.94	-8.47
19	-11.58	-12.17	-11.87	-11.16	-11.83	-11.48	-8.76	-9.55	-9.10	-7.83	-8.77	-8.24
20	-11.66	-12.25	-11.95	-11.27	-11.94	-11.57	-8.44	-9.31	-8.84	-7.70	-8.50	-8.05
21	-11.68	-12.26	-11.93	-11.33	-11.95	-11.64	-8.44	-9.21	-8.82	-7.60	-8.54	-8.11
22	-11.64	-12.23	-11.92	-10.92	-11.87	-11.33	-8.40	-9.21	-8.81	-7.91	-8.86	-8.37
23	-11.51	-12.32	-11.93	-10.92	-11.48	-11.17	-8.42	-9.24	-8.85	-7.96	-9.08	-8.52
24	-11.33	-12.14	-11.74	-10.92	-11.62	-11.28	-8.36	-9.30	-8.85	-8.17	-9.09	-8.65
25	-11.36	-12.44	-11.99	-10.76	-11.64	-11.25	-8.21	-9.21	-8.73	-8.20	-9.43	-8.80
26	-11.60	-12.59	-12.12	-10.64	-11.60	-11.20	-8.12	-9.43	-8.72	-8.30	-9.27	-8.80
27	-11.39	-12.37	-11.89	-10.60	-11.58	-11.14	-8.22	-9.17	-8.76	-7.86	-8.83	-8.39
28	-11.27	-12.21	-11.76	-10.62	-11.65	-11.14	-7.95	-8.98	-8.52	-7.86	-8.66	-8.25
29	---	---	---	-10.57	-11.64	-11.09	-7.86	-9.05	-8.39	-7.47	-8.55	-7.99
30	---	---	---	-10.47	-11.49	-11.02	-8.15	-9.08	-8.58	-7.56	-8.35	-7.90
31	---	---	---	-10.39	-11.39	-10.88	---	---	---	-7.11	-8.25	-7.59
Month	-11.27	-12.73	-11.97	-10.39	-12.53	-11.49	---	---	---	-7.11	-9.43	-8.37

310818081294201 Local number 34H391—Continued

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	-6.94	-7.68	-7.27	-5.93	-6.62	-6.22	-4.01	-4.72	-4.35	-4.56	-5.30	-4.88
2	-6.86	-7.51	-7.23	-5.89	-6.48	-6.19	-4.02	-4.60	-4.32	-4.66	-5.38	-4.98
3	-7.13	-7.68	-7.38	-5.77	-6.40	-6.10	-4.01	-4.82	-4.39	-4.75	-5.57	-5.12
4	-7.21	-7.84	-7.54	-5.72	-6.30	-6.00	-3.99	-4.76	-4.32	-4.71	-5.50	-5.13
5	-7.31	-8.04	-7.71	-5.83	-6.43	-6.11	-4.10	-4.95	-4.48	-4.69	-5.69	-5.19
6	-7.23	-7.84	-7.55	-5.76	-6.50	-6.16	-4.17	-5.00	-4.54	-4.65	-5.67	-5.20
7	-7.32	-8.67	-8.01	-5.76	-6.45	-6.11	-4.00	-4.97	-4.47	-4.65	-5.89	-5.27
8	-7.81	-8.78	-8.42	-5.71	-6.51	-6.13	-3.93	-4.94	-4.43	-4.70	-5.88	-5.32
9	-7.32	-8.03	-7.70	-5.68	-6.55	-6.09	-3.94	-5.15	-4.47	-4.86	-5.87	-5.37
10	-7.22	-7.99	-7.62	-5.65	-6.57	-6.13	-4.02	-5.05	-4.52	-4.86	-5.94	-5.40
11	-6.81	-7.45	-7.15	-5.48	-6.48	-5.98	-4.00	-4.97	-4.50	-4.96	-5.90	-5.39
12	-6.37	-7.21	-6.83	-5.56	-6.50	-6.04	-4.11	-5.09	-4.62	-4.91	-5.76	-5.30
13	-6.39	-7.42	-6.85	-5.40	-6.44	-5.89	-4.19	-5.17	-4.69	-5.00	-5.80	-5.36
14	-6.23	-7.42	-6.75	-5.52	-6.39	-5.94	-4.27	-5.17	-4.72	-4.86	-5.59	-5.23
15	-6.18	-7.19	-6.67	-5.37	-6.33	-5.85	-4.28	-5.08	-4.69	-4.82	-5.59	-5.19
16	-6.14	-7.08	-6.57	-5.57	-6.45	-5.98	-4.11	-5.02	-4.60	-4.78	-5.41	-5.10
17	-5.93	-6.90	-6.37	-5.52	-6.41	-5.99	-4.19	-5.09	-4.58	-4.80	-5.78	-5.27
18	-5.83	-6.71	-6.35	-4.74	-6.17	-5.48	-4.35	-5.10	-4.74	-4.86	-5.66	-5.27
19	-5.94	-6.95	-6.47	-4.56	-5.45	-5.02	-4.35	-5.13	-4.74	-4.78	-5.51	-5.18
20	-5.63	-6.53	-6.12	-4.58	-5.49	-4.98	-4.33	-5.08	-4.71	-4.79	-5.56	-5.16
21	-5.59	-6.53	-6.06	-4.48	-5.34	-4.92	-4.17	-4.92	-4.57	-4.77	-5.53	-5.18
22	-5.62	-6.58	-6.04	-4.53	-5.47	-4.92	-4.13	-4.90	-4.50	-4.65	-5.33	-5.03
23	-5.59	-6.55	-6.04	-4.40	-5.16	-4.80	-4.10	-4.87	-4.45	-4.60	-5.30	-4.97
24	-5.50	-6.47	-6.00	-4.36	-5.13	-4.75	-4.16	-4.96	-4.56	-4.68	-5.48	-5.13
25	-5.62	-6.57	-6.06	-4.18	-4.90	-4.54	-4.31	-5.16	-4.72	-4.71	-5.31	-5.01
26	-6.01	-7.07	-6.49	-4.29	-5.01	-4.63	-4.51	-5.22	-4.89	-4.67	-5.25	-4.96
27	-6.35	-7.02	-6.66	-4.06	-4.84	-4.44	-4.47	-5.18	-4.84	-4.74	-5.34	-5.05
28	-5.92	-6.85	-6.31	-3.88	-4.74	-4.21	-4.49	-5.12	-4.82	-4.76	-5.43	-5.10
29	-6.02	-6.68	-6.34	-3.87	-4.73	-4.27	-4.45	-5.14	-4.80	-4.64	-5.21	-4.88
30	-5.99	-6.68	-6.34	-4.23	-4.82	-4.50	-4.36	-4.93	-4.65	-4.66	-5.33	-4.95
31	---	---	---	-4.08	-4.76	-4.42	-4.57	-5.14	-4.82	---	---	---
Month	-5.50	-8.78	-6.83	-3.87	-6.62	-5.44	-3.93	-5.22	-4.60	-4.56	-5.94	-5.15

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