Water-Data Report 2006

310629081323301 Local number 33G028

Other aquifers
Brunswick Aquifer System

Glynn County, GA

LOCATION.--Lat 31°06′29″, long 81°32′33″ referenced to North American Datum of 1927, Glynn County, GA, Hydrologic Unit 03070203.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 475 ft. Upper casing diameter 6 in; top of first opening 390 ft, bottom of last opening 473 ft.

DATUM.--Land-surface datum is 10 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.--September 18, 1998 to current year.

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

EXTREMES FOR CURRENT YEAR.--Highest water level, 16.77 ft above land surface datum, Jan 30; lowest water level, 8.95 ft above land surface datum, Aug 16, 21.

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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	-15.22	-15.57	-15.35	-15.52	-15.85	-15.68	-15.33	-15.62	-15.43	-15.59	-15.97	-15.74
2	-15.23	-15.59	-15.38	-15.48	-15.85	-15.63	-15.25	-15.53	-15.36	-15.69	-16.11	-15.87
3	-15.30	-15.63	-15.45	-15.39	-15.75	-15.52	-15.24	-15.60	-15.40	-15.65	-16.01	-15.81
4	-15.36	-15.74	-15.53	-15.34	-15.73	-15.52	-15.29	-15.56	-15.39	-15.66	-16.01	-15.79
5	-15.47	-16.19	-15.81	-15.40	-15.74	-15.52	-15.29	-15.62	-15.43	-15.72	-16.10	-15.87
6	-15.65	-16.19	-15.87	-15.29	-15.62	-15.42	-15.33	-15.70	-15.48	-15.70	-16.04	-15.86
7	-15.71	-16.20	-15.93	-15.23	-15.52	-15.35	-15.38	-15.74	-15.50	-15.70	-15.99	-15.85
8	-15.81	-16.14	-15.95	-15.16	-15.53	-15.32	-15.48	-15.83	-15.63	-15.62	-15.96	-15.80
9	-15.81	-16.21	-15.97	-15.20	-15.51	-15.34	-15.42	-15.82	-15.63	-15.52	-15.84	-15.68
10	-15.77	-16.06	-15.90	-15.17	-15.47	-15.33	-15.42	-15.67	-15.56	-15.52	-15.82	-15.66
11	-15.65	-15.98	-15.81	-15.17	-15.56	-15.40	-15.44	-15.72	-15.56	-15.59	-15.93	-15.76
12	-15.62	-16.04	-15.80	-15.31	-15.65	-15.46	-15.42	-15.69	-15.53	-15.69	-15.98	-15.81
13	-15.69	-16.11	-15.87	-15.29	-15.62	-15.41	-15.41	-15.67	-15.51	-15.70	-16.12	-15.91
14	-15.66	-16.06	-15.84	-15.25	-15.60	-15.39	-15.41	-15.82	-15.60	-15.70	-16.00	-15.84
15	-15.68	-16.07	-15.85	-15.23	-15.59	-15.38	-15.56	-16.00	-15.76	-15.64	-15.91	-15.77
16	-15.72	-16.13	-15.89	-15.23	-15.58	-15.37	-15.52	-15.80	-15.61	-15.73	-16.03	-15.86
17	-15.75	-16.21	-15.93	-15.14	-15.38	-15.23	-15.40	-15.74	-15.55	-15.83	-16.16	-15.98
18	-15.64	-16.10	-15.83	-15.10	-15.49	-15.27	-15.57	-15.80	-15.66	-15.58	-16.08	-15.75
19	-15.49	-15.85	-15.63	-15.19	-15.57	-15.35	-15.52	-15.79	-15.63	-15.53	-15.71	-15.61
20	-15.42	-15.72	-15.53	-15.20	-15.50	-15.33	-15.50	-15.73	-15.58	-15.58	-15.80	-15.67
21	-15.39	-15.71	-15.53	-15.40	-15.64	-15.49	-15.47	-15.67	-15.54	-15.61	-15.81	-15.71
22	-15.49	-15.79	-15.60	-15.15	-15.41	-15.28	-15.41	-15.61	-15.50	-15.62	-15.78	-15.70
23	-15.47	-15.86	-15.65	-15.17	-15.38	-15.27	-15.39	-15.59	-15.48	-15.74	-15.99	-15.89
24	-15.64	-15.98	-15.80	-15.18	-15.38	-15.29	-15.45	-15.65	-15.54	-15.90	-16.12	-16.02
25	-15.51	-15.75	-15.65	-15.12	-15.29	-15.20	-15.55	-15.80	-15.69	-15.96	-16.21	-16.10
26	-15.44	-15.63	-15.53	-15.13	-15.40	-15.26	-15.41	-15.67	-15.54	-16.03	-16.34	-16.17
27	-15.43	-15.66	-15.53	-15.24	-15.49	-15.39	-15.41	-15.66	-15.55	-16.04	-16.48	-16.25
28	-15.44	-15.78	-15.58	-15.31	-15.57	-15.44	-15.49	-15.85	-15.71	-16.15	-16.52	-16.34
29	-15.64	-15.94	-15.79	-15.38	-15.70	-15.51	-15.64	-15.95	-15.77	-16.28	-16.69	-16.48
30	-15.51	-15.77	-15.61	-15.33	-15.61	-15.44	-15.57	-15.90	-15.73	-16.37	-16.77	-16.55
31	-15.46	-15.73	-15.57	---	---	---	-15.62	-16.01	-15.77	-16.33	-16.70	-16.47
Month	-15.22	-16.21	-15.71	-15.10	-15.85	-15.39	-15.24	-16.01	-15.57	-15.52	-16.77	-15.92

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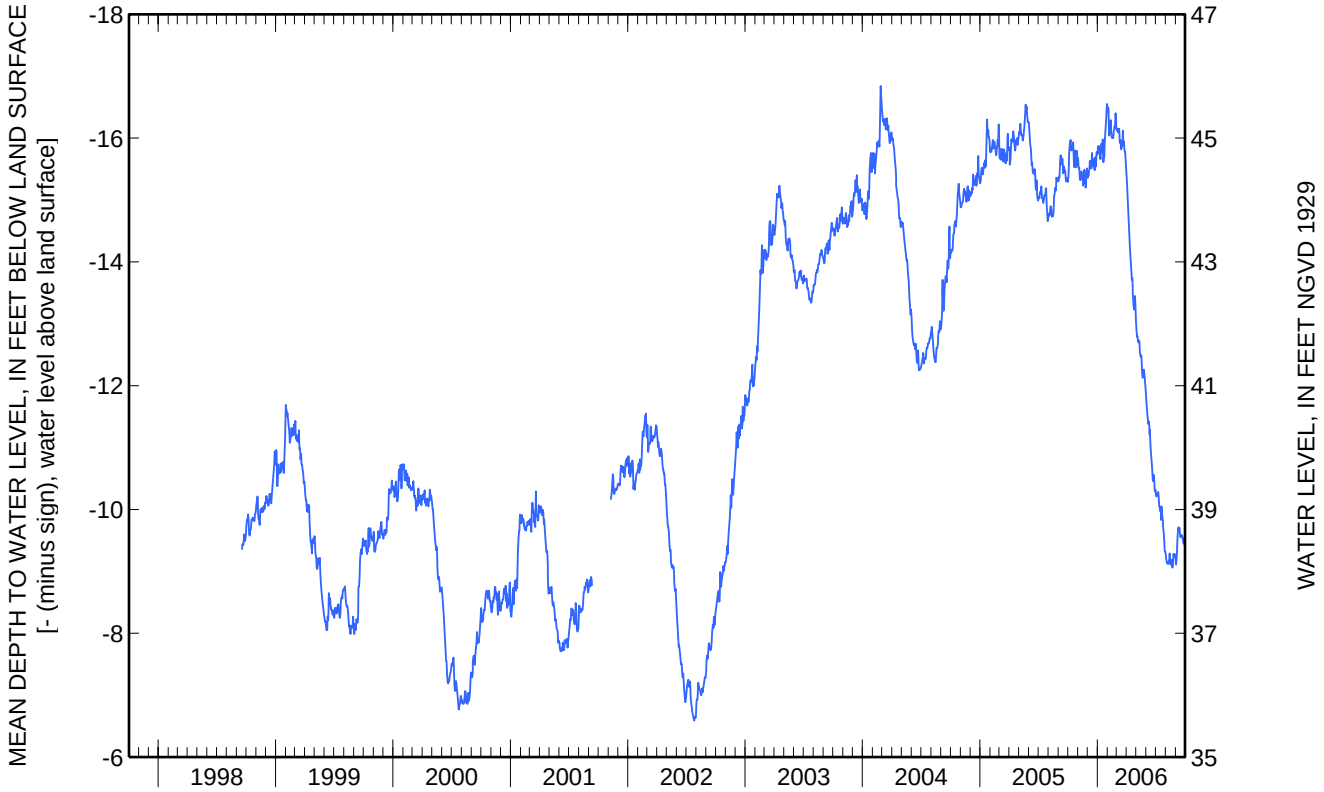
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
[- (minus sign), value is water level above land surface]

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	-16.26	-16.61	-16.42	-16.01	-16.35	-16.14	-15.29	-15.79	-15.49	-12.81	-13.35	-13.02
2	-16.29	-16.68	-16.48	-16.01	-16.35	-16.15	-15.16	-15.54	-15.32	-12.71	-13.10	-12.85
3	-16.34	-16.75	-16.50	-15.97	-16.31	-16.12	-15.09	-15.48	-15.25	-12.66	-13.02	-12.81
4	-16.20	-16.72	-16.47	-15.98	-16.35	-16.13	-14.92	-15.27	-15.07	-12.70	-12.90	-12.79
5	-15.96	-16.31	-16.14	-15.97	-16.33	-16.10	-14.82	-15.12	-14.97	-12.66	-12.96	-12.80
6	-15.97	-16.14	-16.04	-16.04	-16.29	-16.14	-14.68	-15.00	-14.84	-12.62	-12.90	-12.75
7	-15.94	-16.20	-16.07	-15.99	-16.22	-16.09	-14.58	-14.85	-14.71	-12.59	-12.83	-12.71
8	-15.94	-16.26	-16.10	-15.99	-16.23	-16.10	-14.52	-14.73	-14.64	-12.59	-12.85	-12.70
9	-15.95	-16.22	-16.08	-16.00	-16.26	-16.15	-14.48	-14.68	-14.58	-12.59	-12.87	-12.73
10	-15.95	-16.28	-16.13	-15.92	-16.23	-16.08	-14.40	-14.66	-14.52	-12.56	-12.93	-12.72
11	-16.13	-16.48	-16.29	-15.85	-16.06	-15.95	-14.29	-14.55	-14.41	-12.56	-12.85	-12.71
12	-16.08	-16.23	-16.14	-15.82	-16.05	-15.92	-14.13	-14.39	-14.27	-12.46	-12.75	-12.60
13	-16.00	-16.17	-16.08	-15.85	-16.10	-15.97	-14.02	-14.23	-14.11	-12.38	-12.70	-12.52
14	-15.92	-16.12	-16.01	-15.87	-16.10	-15.95	-13.93	-14.15	-14.04	-12.36	-12.70	-12.50
15	-15.91	-16.11	-16.00	-15.74	-15.92	-15.82	-13.79	-14.11	-13.91	-12.35	-12.70	-12.47
16	-15.94	-16.14	-16.03	-15.73	-15.99	-15.82	-13.70	-13.97	-13.79	-12.36	-12.70	-12.48
17	-15.94	-16.13	-16.03	-15.78	-15.99	-15.86	-13.63	-13.92	-13.76	-12.33	-12.71	-12.49
18	-15.87	-16.11	-16.01	-15.78	-16.03	-15.86	-13.61	-13.86	-13.71	-12.25	-12.61	-12.40
19	-15.90	-16.12	-16.00	-15.76	-16.04	-15.88	-13.56	-13.95	-13.74	-12.10	-12.44	-12.26
20	-15.99	-16.19	-16.09	-15.89	-16.12	-15.99	-13.42	-13.82	-13.61	-12.03	-12.36	-12.19
21	-16.02	-16.25	-16.13	-15.99	-16.28	-16.12	-13.27	-13.68	-13.46	-12.00	-12.28	-12.13
22	-16.05	-16.24	-16.15	-15.84	-16.18	-15.97	-13.21	-13.54	-13.36	-12.00	-12.29	-12.13
23	-16.04	-16.31	-16.19	-15.82	-16.06	-15.92	-13.16	-13.40	-13.27	-12.04	-12.47	-12.21
24	-16.02	-16.34	-16.16	-15.75	-16.09	-15.94	-13.17	-13.43	-13.28	-12.08	-12.53	-12.25
25	-16.02	-16.44	-16.26	-15.68	-16.00	-15.86	-13.10	-13.42	-13.23	-12.08	-12.52	-12.26
26	-16.23	-16.62	-16.40	-15.67	-15.95	-15.79	-13.13	-13.66	-13.33	-12.08	-12.44	-12.22
27	-16.19	-16.55	-16.33	-15.63	-15.96	-15.78	-13.30	-13.71	-13.45	-11.99	-12.37	-12.14
28	-16.11	-16.38	-16.22	-15.66	-15.97	-15.78	-13.11	-13.67	-13.34	-11.89	-12.32	-12.06
29	---	---	---	-15.56	-15.92	-15.73	-12.98	-13.56	-13.19	-11.86	-12.31	-12.04
30	---	---	---	-15.50	-15.92	-15.66	-12.90	-13.47	-13.11	-11.83	-12.27	-12.01
31	---	---	---	-15.38	-15.92	-15.58	---	---	---	-11.81	-12.21	-11.96
Month	-15.87	-16.75	-16.18	-15.38	-16.35	-15.95	-12.90	-15.79	-14.06	-11.81	-13.35	-12.45

310629081323301 Local number 33G028—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	-11.69	-12.07	-11.84	-10.17	-10.43	-10.28	-9.20	-9.37	-9.28	-9.09	-9.36	-9.23
2	-11.56	-11.89	-11.70	-10.15	-10.32	-10.23	-9.15	-9.34	-9.24	-8.98	-9.26	-9.11
3	-11.49	-11.75	-11.61	-10.13	-10.31	-10.21	-9.09	-9.34	-9.19	-9.06	-9.37	-9.18
4	-11.45	-11.68	-11.56	-10.12	-10.31	-10.22	-9.07	-9.26	-9.16	-9.10	-9.51	-9.25
5	-11.47	-11.65	-11.55	-10.17	-10.37	-10.25	-9.04	-9.30	-9.15	-9.16	-9.59	-9.32
6	-11.40	-11.63	-11.52	-10.11	-10.34	-10.23	-8.99	-9.33	-9.13	-9.23	-9.78	-9.41
7	-11.32	-11.54	-11.43	-10.10	-10.44	-10.25	-8.97	-9.38	-9.14	-9.42	-9.93	-9.59
8	-11.26	-11.53	-11.38	-10.13	-10.51	-10.28	-8.98	-9.32	-9.12	-9.53	-9.94	-9.69
9	-11.30	-11.59	-11.40	-10.13	-10.48	-10.28	-8.98	-9.38	-9.13	-9.55	-9.96	-9.71
10	-11.30	-11.58	-11.42	-10.04	-10.41	-10.22	-9.02	-9.38	-9.16	-9.54	-9.95	-9.70
11	-11.19	-11.49	-11.33	-9.96	-10.35	-10.13	-9.02	-9.38	-9.16	-9.48	-9.93	-9.67
12	-11.08	-11.40	-11.21	-9.89	-10.30	-10.05	-9.02	-9.40	-9.20	-9.51	-9.99	-9.71
13	-11.17	-11.42	-11.29	-9.90	-10.28	-10.05	-9.12	-9.51	-9.29	-9.52	-9.95	-9.69
14	-10.89	-11.42	-11.10	-9.88	-10.25	-10.02	-9.05	-9.42	-9.21	-9.48	-9.81	-9.63
15	-10.81	-11.22	-10.98	-9.86	-10.14	-9.97	-8.96	-9.32	-9.13	-9.42	-9.76	-9.57
16	-10.79	-11.12	-10.91	-9.87	-10.11	-9.98	-8.95	-9.29	-9.11	-9.41	-9.72	-9.55
17	-10.69	-11.11	-10.87	-9.46	-10.30	-10.01	-9.00	-9.36	-9.15	-9.43	-9.77	-9.56
18	-10.65	-11.00	-10.81	-9.42	-10.24	-9.83	-9.06	-9.33	-9.18	-9.47	-9.76	-9.59
19	-10.58	-10.89	-10.73	-9.93	-10.20	-10.05	-9.06	-9.38	-9.19	-9.46	-9.74	-9.59
20	-10.49	-10.76	-10.62	-9.81	-10.13	-9.98	-9.05	-9.31	-9.18	-9.45	-9.70	-9.56
21	-10.36	-10.65	-10.50	-9.78	-10.08	-9.91	-8.95	-9.21	-9.08	-9.46	-9.69	-9.57
22	-10.30	-10.66	-10.46	-9.77	-10.07	-9.89	-8.96	-9.22	-9.06	-9.44	-9.69	-9.56
23	-10.32	-10.74	-10.48	-9.70	-9.93	-9.83	-9.00	-9.29	-9.10	-9.43	-9.63	-9.52
24	-10.36	-10.78	-10.53	-9.62	-9.83	-9.72	-9.05	-9.46	-9.16	-9.42	-9.61	-9.50
25	-10.41	-10.80	-10.56	-9.57	-9.77	-9.67	-9.16	-9.46	-9.28	-9.38	-9.61	-9.47
26	-10.35	-10.76	-10.51	-9.51	-9.75	-9.63	-9.14	-9.39	-9.25	-9.33	-9.58	-9.45
27	-10.25	-10.68	-10.41	-9.44	-9.73	-9.55	-9.15	-9.39	-9.25	-9.40	-9.68	-9.52
28	-10.16	-10.51	-10.30	-9.34	-9.66	-9.47	-9.17	-9.42	-9.28	-9.43	-9.65	-9.52
29	-10.19	-10.43	-10.29	-9.24	-9.45	-9.33	-9.15	-9.37	-9.25	-9.33	-9.56	-9.42
30	-10.22	-10.48	-10.32	-9.24	-9.40	-9.32	-9.13	-9.31	-9.22	-9.31	-9.56	-9.41
31	---	---	---	-9.24	-9.41	-9.32	-9.17	-9.41	-9.27	---	---	---
Month	-10.16	-12.07	-10.99	-9.24	-10.51	-9.94	-8.95	-9.51	-9.18	-8.98	-9.99	-9.51
Year	-8.95	-16.77	-13.39									

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