

Water-Data Report 2007

330548081391101 Local number 32Y030

Southeastern Coastal Plain aquifer system
Midville Aquifer System, Lower Aquifer
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 982 ft. Upper casing diameter 6 in, top of first opening 920 ft, bottom of last opening 970 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 14, 1995, to present.

PERIOD OF RECORD.--July 14, 1995 to current year.

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

EXTREMES FOR CURRENT YEAR.--Highest water level, 91.93 ft above land surface datum, Apr. 15; lowest water level, 90.29 ft above land surface datum, May 31, Aug. 28.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE

WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

[- (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	-91.29	-91.37	-91.33	-91.20	-91.29	-91.25	-91.23	-91.36	-91.29	-91.30	-91.44	-91.38
2	-91.25	-91.31	-91.28	-91.13	-91.28	-91.21	-91.13	-91.23	-91.17	-91.21	-91.31	-91.25
3	-91.22	-91.30	-91.27	-91.00	-91.13	-91.06	-91.15	-91.20	-91.17	-91.23	-91.31	-91.26
4	-91.24	-91.32	-91.29	-90.98	-91.05	-91.01	-91.10	-91.19	-91.14	-91.31	-91.42	-91.36
5	-91.28	-91.36	-91.32	-91.02	-91.10	-91.06	-91.10	-91.16	-91.13	-91.42	-91.51	-91.45
6	-91.26	-91.38	-91.32	-91.08	-91.22	-91.14	-91.14	-91.22	-91.19	-91.35	-91.42	-91.40
7	-91.25	-91.30	-91.28	-91.22	-91.38	-91.32	-91.06	-91.24	-91.18	-91.36	-91.54	-91.46
8	-91.26	-91.32	-91.29	-91.31	-91.41	-91.38	-91.01	-91.06	-91.03	-91.38	-91.54	-91.46
9	-91.28	-91.33	-91.30	-91.23	-91.31	-91.28	-91.02	-91.07	-91.04	-91.34	-91.44	-91.38
10	-91.32	-91.38	-91.35	-91.20	-91.24	-91.23	-91.03	-91.09	-91.07	-91.24	-91.34	-91.29
11	-91.37	-91.45	-91.42	-91.20	-91.27	-91.24	-91.08	-91.12	-91.10	-91.21	-91.25	-91.23
12	-91.32	-91.41	-91.39	-91.17	-91.22	-91.19	-91.09	-91.18	-91.14	-91.24	-91.30	-91.27
13	-91.27	-91.35	-91.32	-91.18	-91.25	-91.23	-91.18	-91.23	-91.21	-91.28	-91.32	-91.30
14	-91.24	-91.30	-91.27	-91.23	-91.30	-91.27	-91.20	-91.29	-91.25	-91.29	-91.37	-91.33
15	-91.21	-91.27	-91.24	-91.27	-91.49	-91.36	-91.24	-91.32	-91.27	-91.36	-91.44	-91.40
16	-91.20	-91.32	-91.25	-91.29	-91.49	-91.36	-91.14	-91.24	-91.19	-91.25	-91.44	-91.34
17	-91.31	-91.39	-91.36	-91.22	-91.29	-91.26	-91.12	-91.18	-91.15	-91.15	-91.27	-91.20
18	-91.33	-91.38	-91.35	-91.21	-91.28	-91.25	-91.12	-91.17	-91.14	-91.27	-91.42	-91.35
19	-91.33	-91.43	-91.39	-91.20	-91.29	-91.25	-91.11	-91.20	-91.15	-91.37	-91.45	-91.41
20	-91.29	-91.42	-91.35	-91.14	-91.24	-91.19	-91.07	-91.13	-91.10	-91.32	-91.39	-91.36
21	-91.22	-91.29	-91.25	-91.14	-91.31	-91.22	-91.10	-91.21	-91.15	-91.35	-91.51	-91.43
22	-91.25	-91.37	-91.32	-91.26	-91.35	-91.31	-91.21	-91.40	-91.35	-91.51	-91.58	-91.55
23	-91.24	-91.33	-91.29	-91.22	-91.30	-91.27	-91.34	-91.42	-91.39	-91.51	-91.54	-91.53
24	-91.20	-91.30	-91.26	-91.19	-91.25	-91.22	-91.31	-91.42	-91.34	-91.53	-91.56	-91.54
25	-91.19	-91.26	-91.22	-91.14	-91.21	-91.18	-91.42	-91.62	-91.57	-91.44	-91.57	-91.52
26	-91.20	-91.28	-91.24	-91.13	-91.17	-91.15	-91.38	-91.56	-91.49	-91.41	-91.48	-91.44
27	-91.28	-91.52	-91.42	-91.12	-91.19	-91.17	-91.28	-91.38	-91.33	-91.46	-91.65	-91.53
28	-91.27	-91.48	-91.40	-91.17	-91.21	-91.19	-91.22	-91.28	-91.25	-91.47	-91.67	-91.59
29	-91.22	-91.28	-91.26	-91.15	-91.21	-91.18	-91.20	-91.27	-91.23	-91.40	-91.49	-91.44
30	-91.19	-91.26	-91.23	-91.18	-91.31	-91.23	-91.25	-91.34	-91.28	-91.47	-91.57	-91.52
31	-91.19	-91.27	-91.24	---	---	---	-91.32	-91.44	-91.37	-91.47	-91.58	-91.51
Month	-91.19	-91.52	-91.31	-90.98	-91.49	-91.22	-91.01	-91.62	-91.22	-91.15	-91.67	-91.40

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE

WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

[- (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	-91.58	-91.78	-91.70	-91.61	-91.83	-91.70	-91.46	-91.53	-91.50	-91.45	-91.54	-91.50
2	-91.60	-91.78	-91.70	-91.71	-91.81	-91.78	-91.48	-91.55	-91.51	-91.47	-91.55	-91.51
3	-91.49	-91.60	-91.54	-91.77	-91.84	-91.80	-91.49	-91.60	-91.55	-91.46	-91.53	-91.50
4	-91.47	-91.53	-91.50	-91.75	-91.82	-91.78	-91.56	-91.65	-91.60	-91.43	-91.49	-91.44
5	-91.44	-91.48	-91.46	-91.75	-91.83	-91.79	-91.54	-91.59	-91.57	-91.40	-91.47	-91.44
6	-91.44	-91.61	-91.51	-91.64	-91.80	-91.71	-91.53	-91.63	-91.58	-91.33	-91.47	-91.40
7	-91.61	-91.66	-91.64	-91.55	-91.64	-91.60	-91.45	-91.56	-91.50	-91.34	-91.45	-91.39
8	-91.59	-91.62	-91.60	-91.45	-91.55	-91.50	-91.43	-91.48	-91.46	-91.44	-91.54	-91.48
9	-91.60	-91.63	-91.61	-91.42	-91.46	-91.44	-91.45	-91.53	-91.49	-91.51	-91.53	-91.52
10	-91.52	-91.61	-91.57	-91.44	-91.48	-91.47	-91.51	-91.63	-91.55	-91.49	-91.53	-91.52
11	-91.46	-91.52	-91.48	-91.44	-91.49	-91.47	-91.61	-91.69	-91.66	-91.48	-91.54	-91.52
12	-91.47	-91.61	-91.52	-91.45	-91.49	-91.47	-91.52	-91.66	-91.58	-91.48	-91.57	-91.52
13	-91.61	-91.82	-91.73	-91.45	-91.56	-91.51	-91.46	-91.54	-91.51	-91.41	-91.56	-91.49
14	-91.62	-91.82	-91.71	-91.53	-91.61	-91.57	-91.51	-91.88	-91.63	-91.32	-91.41	-91.37
15	-91.57	-91.65	-91.61	-91.56	-91.72	-91.62	-91.73	-91.93	-91.84	-91.32	-91.46	-91.40
16	-91.57	-91.65	-91.62	-91.62	-91.77	-91.69	-91.66	-91.76	-91.72	-91.42	-91.55	-91.50
17	-91.61	-91.72	-91.66	-91.50	-91.64	-91.57	-91.70	-91.81	-91.76	-91.48	-91.55	-91.50
18	-91.48	-91.67	-91.58	-91.42	-91.52	-91.46	-91.72	-91.79	-91.75	-91.39	-91.49	-91.43
19	-91.45	-91.55	-91.51	-91.40	-91.49	-91.45	-91.62	-91.72	-91.68	-91.34	-91.40	-91.38
20	-91.54	-91.67	-91.62	-91.45	-91.53	-91.49	-91.54	-91.62	-91.56	-91.36	-91.42	-91.39
21	-91.64	-91.68	-91.66	-91.44	-91.49	-91.47	-91.49	-91.54	-91.52	-91.36	-91.40	-91.38
22	-91.61	-91.66	-91.65	-91.45	-91.52	-91.49	-91.47	-91.52	-91.49	-91.32	-91.36	-91.33
23	-91.56	-91.61	-91.57	-91.49	-91.55	-91.52	-91.45	-91.52	-91.49	-91.28	-91.32	-91.30
24	-91.52	-91.62	-91.56	-91.46	-91.51	-91.48	-91.50	-91.57	-91.54	-91.25	-91.30	-91.28
25	-91.62	-91.72	-91.68	-91.43	-91.48	-91.45	-91.54	-91.60	-91.57	-91.26	-91.33	-91.30
26	-91.62	-91.69	-91.65	-91.40	-91.48	-91.43	-91.56	-91.61	-91.59	-91.28	-91.36	-91.32
27	-91.58	-91.65	-91.61	-91.45	-91.52	-91.49	-91.55	-91.61	-91.57	-91.27	-91.34	-91.30
28	-91.55	-91.61	-91.58	-91.48	-91.55	-91.51	-91.49	-91.55	-91.52	-91.24	-91.32	-91.29
29	---	---	---	-91.37	-91.52	-91.43	-91.44	-91.53	-91.49	-91.24	-91.33	-91.29
30	---	---	---	-91.37	-91.48	-91.42	-91.44	-91.54	-91.49	-91.25	-91.34	-91.30
31	---	---	---	-91.44	-91.52	-91.49	---	---	---	-90.29	-91.67	-91.33
Month	-91.44	-91.82	-91.60	-91.37	-91.84	-91.55	-91.43	-91.93	-91.58	-90.29	-91.67	-91.41

330548081391101 Local number 32Y030—Continued

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE

WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

[- (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	-91.32	-91.40	-91.37	-91.03	-91.11	-91.06	-90.62	-90.68	-90.65	---	---	---
2	-91.37	-91.69	-91.51	-91.00	-91.06	-91.02	-90.60	-90.64	-90.62	---	---	---
3	-91.62	-91.68	-91.65	-90.97	-91.01	-90.99	-90.59	-90.62	-90.61	---	---	---
4	-91.59	-91.63	-91.62	-90.95	-90.99	-90.98	-90.59	-90.63	-90.61	---	---	---
5	-91.51	-91.59	-91.55	-90.96	-91.01	-90.99	-90.59	-90.64	-90.62	---	---	---
6	-91.44	-91.51	-91.47	-90.98	-91.01	-91.00	-90.59	-90.66	-90.63	---	---	---
7	-91.41	-91.44	-91.42	-90.98	-91.01	-91.00	-90.59	-90.65	-90.62	---	---	---
8	-91.39	-91.46	-91.43	-90.94	-90.99	-90.97	-90.57	-90.65	-90.61	---	---	---
9	-91.42	-91.52	-91.47	-90.90	-90.97	-90.93	-90.56	-90.64	-90.60	---	---	---
10	-91.43	-91.49	-91.46	-90.86	-90.93	-90.90	-90.56	-90.66	-90.61	---	---	---
11	-91.37	-91.46	-91.42	-90.85	-90.97	-90.91	-90.51	-90.62	-90.55	---	---	---
12	-91.39	-91.49	-91.45	-90.87	-90.96	-90.92	-90.46	-90.53	-90.50	---	---	---
13	-91.42	-91.48	-91.46	-90.83	-90.91	-90.87	-90.49	-90.56	-90.53	---	---	---
14	-91.40	-91.49	-91.45	-90.81	-90.90	-90.87	-90.50	-90.56	-90.53	---	---	---
15	-91.37	-91.45	-91.41	-90.83	-90.89	-90.86	-90.46	-90.52	-90.49	---	---	---
16	-91.36	-91.42	-91.39	-90.78	-90.84	-90.81	-90.44	-90.48	-90.46	---	---	---
17	-91.36	-91.40	-91.38	-90.76	-90.82	-90.79	-90.45	-90.54	-90.48	---	---	---
18	-91.34	-91.39	-91.37	-90.76	-90.80	-90.78	-90.43	-90.49	-90.46	---	---	---
19	-91.36	-91.40	-91.38	-90.77	-90.81	-90.79	-90.42	-90.47	-90.44	---	---	---
20	-91.34	-91.39	-91.37	-90.76	-90.81	-90.79	-90.40	-90.46	-90.43	---	---	---
21	-91.29	-91.34	-91.31	-90.68	-90.76	-90.73	-90.38	-90.44	-90.42	---	---	---
22	-91.28	-91.35	-91.32	-90.63	-90.69	-90.67	-90.37	-90.44	-90.41	---	---	---
23	-91.28	-91.33	-91.31	-90.62	-90.69	-90.65	-90.34	-90.43	-90.39	---	---	---
24	-91.17	-91.28	-91.23	-90.62	-90.69	-90.65	-90.35	-90.44	-90.39	---	---	---
25	-91.11	-91.18	-91.14	-90.61	-90.67	-90.64	-90.37	-90.46	-90.42	---	---	---
26	-91.06	-91.14	-91.10	-90.59	-90.66	-90.64	-90.38	-90.45	-90.41	---	---	---
27	-91.06	-91.16	-91.12	-90.62	-90.73	-90.68	-90.31	-90.39	-90.34	---	---	---
28	-91.09	-91.17	-91.13	-90.65	-90.74	-90.70	-90.29	-90.39	-90.34	---	---	---
29	-91.08	-91.16	-91.12	-90.67	-90.74	-90.71	-90.32	-90.39	-90.36	---	---	---
30	-91.08	-91.15	-91.11	-90.67	-90.74	-90.70	---	---	---	---	---	---
31	---	---	---	-90.66	-90.71	-90.69	---	---	---	---	---	---
Month	-91.06	-91.69	-91.36	-90.59	-91.11	-90.83	---	---	---	---	---	---

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