Water-Data Report 2006

312654084210103 Local number 11K005

Southeastern Coastal Plain aquifer system
Clayton Formation

Dougherty County, GA

LOCATION.--Lat 31°26′54″, long 84°21′01″ referenced to North American Datum of 1927, Dougherty County, GA, Hydrologic Unit 03130008.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 690 ft. Upper casing diameter 4 in; top of first opening 630 ft, bottom of last opening 690 ft.

DATUM.--Land-surface datum is 181 ft above National Geodetic Vertical Datum of 1929. Measuring point: recorder shelf, 3 ft above land-surface datum, Mar. 2, 2006, to present.

PERIOD OF RECORD.--May 16, 1979 to current year.

COOPERATION.--Albany Water Gas and Light Commission.

EXTREMES FOR CURRENT YEAR.--Highest water level, 69.14 ft below land surface datum, May 11; lowest water level, 71.04 ft below land surface datum, Sep 30.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	69.49	69.43	69.46	69.61	69.52	69.55	69.63	69.61	69.62	69.52	69.49	69.50
2	69.50	69.45	69.47	69.60	69.52	69.54	69.70	69.63	69.66	69.52	69.21	69.33
3	69.48	69.43	69.45	69.62	69.60	69.61	69.71	69.63	69.66	69.33	69.24	69.28
4	69.47	69.40	69.43	69.61	69.57	69.59	69.63	69.53	69.58	69.35	69.31	69.33
5	69.43	69.32	69.36	69.59	69.55	69.58	69.55	69.35	69.46	69.31	69.20	69.26
6	69.32	69.24	69.26	69.59	69.57	69.59	69.55	69.47	69.53	69.40	69.26	69.32
7	69.28	69.22	69.24	69.63	69.59	69.61	69.58	69.55	69.57	69.43	69.40	69.43
8	69.27	69.23	69.25	69.63	69.60	69.61	69.61	69.53	69.58	69.49	69.43	69.45
9	69.31	69.27	69.30	69.63	69.58	69.60	69.57	69.53	69.55	69.55	69.49	69.51
10	69.35	69.31	69.33	69.60	69.56	69.58	69.57	69.50	69.52	69.55	69.51	69.53
11	69.38	69.29	69.33	69.62	69.58	69.61	69.50	69.44	69.47	69.52	69.44	69.47
12	69.36	69.31	69.33	69.63	69.62	69.62	69.53	69.43	69.47	69.47	69.44	69.46
13	69.41	69.35	69.37	69.65	69.63	69.64	69.55	69.52	69.54	69.47	69.29	69.37
14	69.42	69.33	69.37	69.65	69.63	69.64	69.59	69.52	69.55	69.50	69.35	69.39
15	69.41	69.33	69.37	69.64	69.61	69.63	69.53	69.32	69.41	69.50	69.46	69.48
16	69.42	69.34	69.37	69.70	69.62	69.63	69.59	69.49	69.51	69.48	69.42	69.45
17	69.43	69.36	69.39	69.71	69.70	69.70	69.61	69.59	69.60	69.43	69.32	69.38
18	69.44	69.39	69.42	69.71	69.71	69.71	69.60	69.58	69.59	69.59	69.39	69.54
19	69.45	69.43	69.44	69.71	69.70	69.71	69.61	69.58	69.59	69.62	69.59	69.61
20	69.44	69.40	69.43	69.70	69.60	69.67	69.59	69.55	69.57	69.61	69.56	69.59
21	69.43	69.37	69.40	69.60	69.41	69.48	69.59	69.57	69.58	69.58	69.56	69.57
22	69.37	69.35	69.36	69.56	69.46	69.51	69.61	69.59	69.60	69.59	69.56	69.58
23	69.41	69.37	69.39	69.58	69.47	69.54	69.60	69.54	69.58	69.56	69.51	69.52
24	69.47	69.38	69.42	69.49	69.46	69.48	69.54	69.38	69.48	69.57	69.50	69.52
25	69.50	69.47	69.49	69.63	69.49	69.60	69.38	69.30	69.33	69.62	69.56	69.58
26	69.55	69.50	69.53	69.65	69.63	69.63	69.53	69.37	69.47	69.67	69.62	69.63
27	69.58	69.54	69.56	69.63	69.56	69.60	69.54	69.50	69.52	69.69	69.67	69.68
28	69.62	69.57	69.59	69.58	69.52	69.55	69.51	69.31	69.39	69.69	69.61	69.66
29	69.64	69.62	69.63	69.59	69.52	69.56	69.45	69.33	69.37	69.62	69.47	69.52
30	69.66	69.63	69.65	69.63	69.59	69.61	69.51	69.45	69.47	69.50	69.36	69.43
31	69.66	69.59	69.62	---	---	---	69.51	69.46	69.49	69.51	69.43	69.49
Month	69.66	69.22	69.42	69.71	69.41	69.60	69.71	69.30	69.53	69.69	69.20	69.48

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	69.52	69.49	69.51	69.47	69.39	69.45	69.56	69.51	69.54	69.55	69.51	69.52
2	69.49	69.29	69.38	69.43	69.38	69.41	69.52	69.50	69.51	69.52	69.49	69.51
3	69.34	69.29	69.32	69.47	69.39	69.44	69.50	69.45	69.48	69.50	69.48	69.49
4	69.37	69.27	69.32	69.54	69.47	69.53	69.51	69.45	69.49	69.48	69.43	69.45
5	69.51	69.37	69.43	69.55	69.51	69.54	69.50	69.48	69.49	69.43	69.31	69.36
6	69.51	69.46	69.49	69.51	69.45	69.48	69.48	69.44	69.46	69.34	69.32	69.33
7	69.53	69.44	69.47	69.53	69.47	69.51	69.45	69.42	69.44	69.35	69.33	69.34
8	69.54	69.51	69.53	69.54	69.49	69.52	69.43	69.35	69.38	69.35	69.31	69.33
9	69.59	69.51	69.54	69.49	69.39	69.43	69.53	69.43	69.48	69.35	69.31	69.33
10	69.60	69.51	69.56	69.52	69.40	69.44	69.58	69.52	69.54	69.33	69.21	69.27
11	69.51	69.35	69.40	69.55	69.50	69.52	69.60	69.50	69.56	69.24	69.14	69.20
12	69.55	69.48	69.50	69.55	69.49	69.53	69.58	69.52	69.55	69.27	69.20	69.23
13	69.60	69.55	69.57	69.52	69.42	69.48	69.56	69.49	69.53	69.29	69.22	69.25
14	69.61	69.57	69.59	69.55	69.39	69.46	69.51	69.41	69.47	69.28	69.22	69.24
15	69.62	69.59	69.60	69.59	69.55	69.56	69.44	69.37	69.41	69.25	69.23	69.23
16	69.59	69.55	69.58	69.58	69.51	69.55	69.43	69.36	69.40	69.25	69.20	69.23
17	69.58	69.56	69.57	69.52	69.49	69.51	69.37	69.34	69.36	69.20	69.20	69.20
18	69.57	69.56	69.57	69.54	69.51	69.52	69.39	69.34	69.36	69.21	69.20	69.20
19	69.61	69.57	69.60	69.53	69.51	69.51	69.44	69.38	69.41	69.25	69.20	69.24
20	69.59	69.53	69.56	69.51	69.37	69.44	69.44	69.39	69.42	69.32	69.24	69.29
21	69.53	69.52	69.52	69.44	69.32	69.36	69.47	69.44	69.45	69.33	69.31	69.32
22	69.52	69.48	69.50	69.52	69.44	69.49	69.45	69.40	69.43	69.34	69.31	69.32
23	69.58	69.44	69.50	69.53	69.50	69.51	69.47	69.42	69.44	69.36	69.31	69.33
24	69.62	69.58	69.59	69.50	69.49	69.50	69.48	69.37	69.42	69.35	69.31	69.33
25	69.62	69.38	69.50	69.57	69.49	69.51	69.45	69.36	69.40	69.34	69.26	69.30
26	69.54	69.41	69.47	69.58	69.53	69.55	69.43	69.32	69.37	69.33	69.24	69.29
27	69.55	69.50	69.53	69.62	69.55	69.58	69.49	69.34	69.42	69.33	69.28	69.30
28	69.52	69.42	69.48	69.62	69.53	69.58	69.53	69.48	69.50	69.36	69.31	69.33
29	---	---	---	69.57	69.52	69.55	69.55	69.50	69.52	69.38	69.32	69.34
30	---	---	---	69.59	69.53	69.55	69.54	69.50	69.52	69.35	69.31	69.33
31	---	---	---	69.59	69.55	69.56	---	---	---	69.35	69.32	69.33
Month	69.62	69.27	69.51	69.62	69.32	69.50	69.60	69.32	69.46	69.55	69.14	69.31

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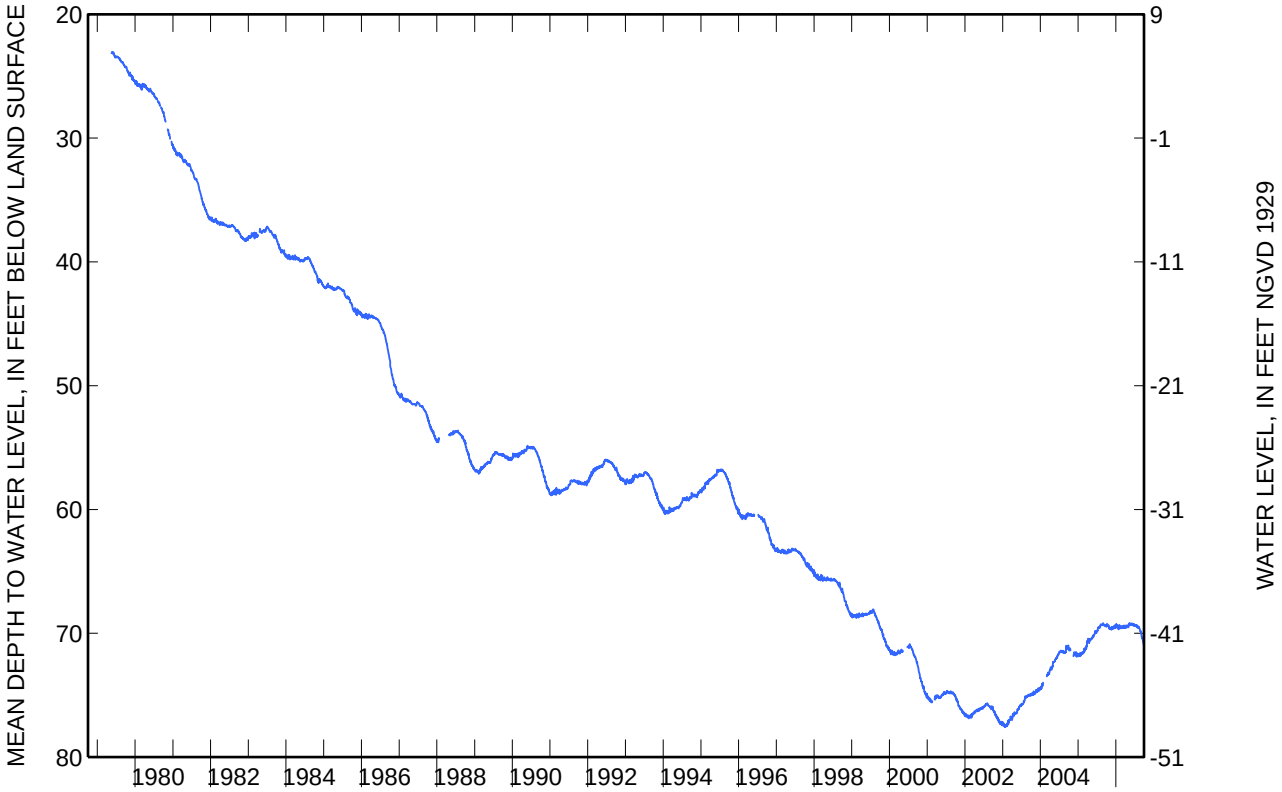
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	69.33	69.31	69.32	69.41	69.37	69.40	69.57	69.50	69.53	69.92	69.89	69.91
2	69.31	69.20	69.25	69.43	69.41	69.43	69.55	69.51	69.53	70.02	69.92	69.99
3	69.21	69.18	69.20	69.44	69.43	69.43	69.56	69.52	69.53	70.05	70.02	70.04
4	69.22	69.20	69.21	69.43	69.37	69.41	69.57	69.44	69.52	70.13	70.05	70.09
5	69.21	69.20	69.21	69.39	69.33	69.36	69.46	69.40	69.43	70.15	70.11	70.13
6	69.26	69.21	69.24	69.36	69.32	69.35	69.52	69.45	69.49	70.20	70.13	70.17
7	69.29	69.25	69.27	69.39	69.32	69.36	69.58	69.51	69.54	70.22	70.17	70.20
8	69.29	69.26	69.28	69.43	69.35	69.38	69.57	69.50	69.53	70.28	70.22	70.26
9	69.30	69.26	69.28	69.42	69.33	69.37	69.55	69.48	69.51	70.36	70.28	70.33
10	69.29	69.26	69.28	69.37	69.34	69.35	69.53	69.47	69.50	70.37	70.33	70.34
11	69.29	69.27	69.28	69.44	69.37	69.40	69.50	69.45	69.48	70.41	70.36	70.38
12	69.30	69.28	69.29	69.43	69.37	69.39	69.52	69.47	69.49	70.42	70.39	70.41
13	69.28	69.22	69.24	69.41	69.35	69.38	69.57	69.52	69.55	70.40	70.31	70.36
14	69.29	69.24	69.28	69.38	69.36	69.37	69.60	69.56	69.58	70.41	70.33	70.38
15	69.32	69.29	69.31	69.47	69.37	69.43	69.60	69.57	69.58	70.44	70.41	70.43
16	69.35	69.32	69.34	69.46	69.41	69.44	69.61	69.58	69.60	70.47	70.44	70.45
17	69.36	69.35	69.36	69.44	69.34	69.39	69.62	69.58	69.60	70.54	70.46	70.49
18	69.36	69.36	69.36	69.41	69.30	69.34	69.63	69.61	69.62	70.55	70.51	70.53
19	69.37	69.36	69.36	69.35	69.31	69.33	69.63	69.62	69.63	70.60	70.51	70.55
20	69.37	69.33	69.35	69.41	69.34	69.37	69.70	69.63	69.66	70.63	70.57	70.60
21	69.37	69.34	69.35	69.41	69.33	69.37	69.78	69.70	69.73	70.70	70.63	70.66
22	69.41	69.32	69.37	69.37	69.33	69.35	69.76	69.73	69.75	70.75	70.69	70.72
23	69.41	69.27	69.33	69.44	69.33	69.37	69.84	69.76	69.80	70.78	70.74	70.76
24	69.33	69.27	69.30	69.49	69.43	69.46	69.83	69.79	69.80	70.80	70.75	70.77
25	69.30	69.23	69.27	69.51	69.46	69.49	69.83	69.75	69.80	70.84	70.80	70.81
26	69.28	69.23	69.25	69.50	69.46	69.48	69.83	69.76	69.79	70.85	70.84	70.85
27	69.34	69.27	69.31	69.53	69.48	69.50	69.84	69.83	69.83	70.86	70.82	70.84
28	69.36	69.34	69.35	69.55	69.52	69.53	69.85	69.84	69.85	70.94	70.83	70.90
29	69.37	69.36	69.37	69.54	69.53	69.54	69.87	69.85	69.86	71.00	70.94	70.99
30	69.37	69.36	69.37	69.53	69.49	69.52	69.88	69.86	69.87	71.04	71.00	71.03
31	---	---	---	69.53	69.50	69.52	69.89	69.87	69.88	---	---	---
Month	69.41	69.18	69.30	69.55	69.30	69.41	69.89	69.40	69.64	71.04	69.89	70.48
Year	71.04	69.14	69.55									

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