



Water-Data Report 2011

340049083551101 Local number 14GG02

Piedmont and Blue Ridge crystalline-rock aquifers
Crystalline Rocks

Gwinnett County, GA

LOCATION.--Lat 34°00'49.2", long 83°55'11.4" referenced to North American Datum of 1983, Gwinnett County, GA, Hydrologic Unit 03070101.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 304 ft. Upper casing diameter 6 in; top of first opening 42 ft, bottom of last opening 304 ft.

DATUM.--Land-surface datum is 1,120 ft above National Geodetic Vertical Datum of 1929. Measuring point: mark on south side of recorder shelf, 2.63 ft above land-surface datum, July 11, 2003, to present.

PERIOD OF RECORD.--July 11, 2003 to current year.

COOPERATION.--City of Lawrenceville.

EXTREMES FOR CURRENT YEAR.--Highest water level, 84.20 ft below land surface datum, Apr. 16; lowest water level, 87.83 ft below land surface datum, Oct. 23.

340049083551101 Local number 14GG02—Continued

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	87.53	87.40	87.49	87.74	87.62	87.68	85.36	85.21	85.27	85.56	85.35	85.43
2	87.63	87.50	87.55	87.74	87.60	87.68	85.35	85.20	85.27	85.55	85.34	85.42
3	87.63	87.50	87.56	87.70	87.48	87.58	85.33	85.16	85.23	85.55	85.38	85.45
4	87.65	87.50	87.56	87.60	87.39	87.47	85.33	85.10	85.19	85.53	85.34	85.41
5	87.60	87.43	87.52	87.73	87.46	87.56	85.40	85.21	85.27	85.50	85.26	85.36
6	87.55	87.34	87.43	87.81	87.61	87.67	85.40	85.20	85.28	85.40	85.29	85.34
7	87.48	87.31	87.39	87.82	87.59	87.68	85.38	85.23	85.28	85.41	85.26	85.31
8	87.50	87.35	87.41	87.70	87.53	87.59	85.40	85.29	85.33	85.54	85.36	85.42
9	87.52	87.37	87.43	87.65	87.47	87.55	85.44	85.33	85.38	85.60	85.53	85.57
10	87.53	87.38	87.44	87.54	87.30	87.41	85.43	85.32	85.36	85.56	85.44	85.49
11	87.52	87.39	87.44	87.32	87.01	87.17	85.40	85.22	85.31	85.52	85.45	85.49
12	87.51	87.40	87.44	87.01	86.65	86.84	85.24	85.13	85.19	85.60	85.50	85.54
13	87.49	87.41	87.44	86.65	86.33	86.50	85.38	85.22	85.30	85.58	85.50	85.55
14	87.48	87.42	87.45	86.33	86.12	86.23	85.42	85.34	85.38	85.59	85.48	85.53
15	87.57	87.44	87.51	86.12	85.89	85.99	85.40	85.33	85.37	85.55	85.42	85.48
16	87.67	87.56	87.61	85.89	85.69	85.78	85.37	85.22	85.29	85.56	85.40	85.46
17	87.69	87.59	87.64	85.86	85.77	85.82	85.46	85.31	85.37	85.55	85.37	85.45
18	87.68	87.57	87.63	85.84	85.68	85.76	85.44	85.29	85.35	85.54	85.36	85.42
19	87.69	87.58	87.63	85.80	85.64	85.71	85.49	85.29	85.36	85.60	85.41	85.47
20	87.73	87.59	87.64	85.78	85.59	85.66	85.51	85.34	85.40	85.60	85.38	85.48
21	87.76	87.60	87.66	85.73	85.55	85.62	85.51	85.31	85.38	85.55	85.40	85.47
22	87.83	87.66	87.72	85.70	85.48	85.57	85.51	85.31	85.37	85.54	85.43	85.49
23	87.83	87.67	87.73	85.63	85.43	85.50	85.54	85.39	85.45	85.60	85.52	85.56
24	87.81	87.60	87.68	85.60	85.43	85.50	85.53	85.36	85.43	85.62	85.55	85.58
25	87.72	87.52	87.60	85.56	85.38	85.45	85.46	85.30	85.36	85.57	85.41	85.50
26	87.67	87.54	87.59	85.48	85.40	85.44	85.42	85.31	85.37	85.58	85.39	85.46
27	87.71	87.60	87.65	85.53	85.45	85.49	85.52	85.40	85.47	85.56	85.47	85.52
28	87.69	87.60	87.64	85.57	85.49	85.53	85.53	85.43	85.48	85.62	85.45	85.51
29	87.71	87.63	87.66	85.56	85.42	85.50	85.52	85.40	85.46	85.64	85.49	85.56
30	87.73	87.59	87.65	85.42	85.26	85.33	85.57	85.41	85.47	85.67	85.51	85.57
31	87.68	87.56	87.62	---	---	---	85.58	85.43	85.48	85.69	85.53	85.60
Month	87.83	87.31	87.56	87.82	85.26	86.41	85.58	85.10	85.35	85.69	85.26	85.48

340049083551101 Local number 14GG02—Continued

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	85.69	85.44	85.54	85.41	85.27	85.33	84.54	84.40	84.47	84.66	84.49	84.56
2	85.58	85.42	85.48	85.40	85.23	85.31	84.59	84.45	84.51	84.62	84.45	84.53
3	85.58	85.44	85.50	85.40	85.24	85.32	84.62	84.45	84.53	84.56	84.40	84.47
4	85.54	85.24	85.37	85.40	85.24	85.33	84.55	84.36	84.46	84.57	84.43	84.48
5	85.29	85.13	85.18	85.35	85.12	85.22	84.54	84.37	84.46	84.54	84.37	84.46
6	85.22	85.14	85.18	85.20	85.04	85.13	84.57	84.44	84.51	84.46	84.35	84.39
7	85.20	85.07	85.12	85.23	85.13	85.17	84.52	84.42	84.47	84.46	84.35	84.39
8	85.27	85.14	85.22	85.24	85.13	85.19	84.50	84.41	84.44	84.43	84.35	84.38
9	85.26	85.16	85.21	85.17	84.97	85.07	84.48	84.42	84.45	84.44	84.36	84.40
10	85.25	85.14	85.19	84.98	84.89	84.94	84.49	84.43	84.46	84.45	84.36	84.41
11	85.29	85.20	85.23	85.06	84.92	85.01	84.44	84.37	84.41	84.61	84.39	84.51
12	85.35	85.24	85.27	85.05	84.98	85.01	84.50	84.32	84.40	84.84	84.59	84.72
13	85.33	85.21	85.27	85.08	84.98	85.02	84.49	84.40	84.44	85.00	84.79	84.91
14	85.36	85.17	85.24	85.10	84.96	85.01	84.50	84.38	84.44	85.08	84.91	84.98
15	85.41	85.24	85.31	85.07	84.89	84.97	84.51	84.31	84.41	85.04	84.86	84.94
16	85.41	85.22	85.31	85.00	84.85	84.92	84.36	84.20	84.28	84.93	84.73	84.82
17	85.40	85.20	85.29	85.00	84.83	84.91	84.43	84.23	84.31	84.83	84.66	84.73
18	85.39	85.24	85.31	84.98	84.79	84.89	84.41	84.22	84.30	84.82	84.64	84.71
19	85.39	85.26	85.32	84.99	84.82	84.90	84.42	84.24	84.31	84.79	84.64	84.70
20	85.39	85.23	85.32	85.06	84.89	84.97	84.46	84.28	84.35	84.70	84.59	84.64
21	85.31	85.20	85.26	85.01	84.83	84.93	84.45	84.33	84.38	84.64	84.56	84.60
22	85.39	85.24	85.32	84.94	84.81	84.88	84.43	84.34	84.38	84.62	84.55	84.58
23	85.43	85.35	85.39	84.89	84.78	84.83	84.45	84.35	84.39	84.62	84.55	84.59
24	85.37	85.26	85.33	84.97	84.80	84.89	84.61	84.41	84.52	84.81	84.60	84.72
25	85.40	85.21	85.30	84.96	84.91	84.93	84.78	84.60	84.69	85.05	84.81	84.95
26	85.41	85.31	85.36	84.91	84.84	84.88	84.84	84.76	84.80	85.26	85.05	85.18
27	85.41	85.29	85.34	84.90	84.79	84.82	84.86	84.69	84.76	85.40	85.22	85.31
28	85.40	85.22	85.31	84.88	84.71	84.77	84.78	84.67	84.72	85.57	85.37	85.49
29	---	---	---	84.77	84.63	84.69	84.74	84.59	84.66	85.72	85.54	85.63
30	---	---	---	84.67	84.44	84.53	84.69	84.53	84.60	85.82	85.66	85.73
31	---	---	---	84.53	84.38	84.45	---	---	---	85.88	85.71	85.77
Month	85.69	85.07	85.30	85.41	84.38	84.97	84.86	84.20	84.48	85.88	84.35	84.80

340049083551101 Local number 14GG02—Continued

**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	85.91	85.74	85.80	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

340049083551101 Local number 14GG02—Continued

