

GROUND-WATER LEVELS

GREENE COUNTY—Continued

353103077333406. County number, GR-147; L55.

LOCATION.--Lat 35°31'04", long 77°33'33", Hydrologic Unit 03020203, near Lizzie, 20 ft north of Secondary Road 1335. Owner: DENR (North Carolina Department of Environment and Natural Resources).

AQUIFER.--Yorktown.

WELL CHARACTERISTICS.--Drilled observation well, depth 70 ft, diameter 2 in., screened interval from 50 to 70 ft.

INSTRUMENTATION.--Water-level recorder collecting data at 15-minute intervals. Satellite telemetry at station.

DATUM.--Land-surface datum is 77.46 ft above NGVD of 1929 (levels by North Carolina Geodetic Survey). Measuring point: Top of metal casing, 1.41 ft above land-surface datum.

REMARKS.--Station operated in cooperation with the North Carolina Department of Environment and Natural Resources and the U.S. Environmental Protection Agency as part of the Lizzie research site water-quality monitoring project. Minimum for period of record affected by pumping.

PERIOD OF RECORD.--April 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 60.72 ft above NGVD of 1929, Dec. 24, 25, 2003; lowest water level recorded, 54.46 ft above NGVD of 1929, Oct. 10, 2002.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	58.46	58.26	58.52	58.97	59.53	59.73	60.21	60.23	59.89	58.81	58.04	58.39
2	58.46	58.24	58.53	58.97	59.53	59.71	60.27	60.20	59.87	58.77	58.07	58.37
3	58.46	58.23	58.54	59.00	59.54	59.70	60.31	60.16	59.87	58.72	58.08	58.33
4	58.46	58.22	58.56	59.02	59.57	59.70	60.31	60.12	59.86	58.68	58.09	58.26
5	58.46	58.22	58.57	59.05	59.57	59.70	60.29	60.08	59.82	58.65	58.09	58.22
6	58.46	58.20	58.59	59.08	59.57	59.71	60.28	60.19	59.78	58.65	58.09	58.17
7	58.45	58.19	58.63	59.09	59.57	59.72	60.29	60.23	59.76	58.62	58.11	58.13
8	58.45	58.17	58.64	59.09	59.60	59.79	60.33	60.24	59.73	58.59	58.11	58.10
9	58.45	58.12	58.67	59.09	59.62	59.75	60.33	60.24	59.71	58.54	58.16	58.05
10	58.45	58.10	58.75	59.09	59.65	59.75	60.32	60.23	59.68	58.49	58.26	58.00
11	58.45	58.09	58.77	59.10	59.64	59.77	60.32	60.22	59.65	58.45	58.28	57.94
12	58.45	58.12	58.77	59.11	59.64	59.79	60.31	60.20	59.61	58.42	58.31	57.90
13	58.46	58.19	58.78	59.12	59.63	59.79	60.36	60.19	59.58	58.40	58.34	57.86
14	58.46	58.17	58.77	59.19	59.62	59.78	60.38	60.20	59.55	58.39	58.35	57.86
15	58.46	58.17	58.76	59.21	59.62	59.77	60.38	60.21	59.50	58.36	58.36	57.90
16	58.44	58.19	58.76	59.23	59.64	59.78	60.38	60.21	59.45	58.32	58.37	57.89
17	58.41	58.20	58.78	59.25	59.65	59.85	60.38	60.21	59.39	58.28	58.45	57.86
18	58.39	58.21	58.82	59.25	59.63	59.87	60.38	60.20	59.33	58.26	58.47	57.83
19	58.39	58.23	58.85	59.29	59.61	59.87	60.38	60.18	59.27	58.23	58.48	57.81
20	58.39	58.24	58.86	59.34	59.60	59.92	60.38	60.18	59.20	58.20	58.49	57.78
21	58.39	58.25	58.85	59.37	59.62	59.93	60.38	60.18	59.16	58.18	58.51	57.76
22	58.38	58.25	58.85	59.40	59.62	59.94	60.38	60.17	59.12	58.15	58.51	57.76
23	58.36	58.31	58.89	59.42	59.61	60.04	60.39	60.17	59.05	58.13	58.51	57.74
24	58.36	58.36	58.90	59.40	59.64	60.07	60.40	60.16	58.98	58.11	58.51	57.71
25	58.35	58.41	58.89	59.43	59.65	60.07	60.36	60.12	58.94	58.08	58.51	57.67
26	58.33	58.38	58.95	59.47	59.63	60.08	60.33	60.10	58.89	58.05	58.51	57.67
27	58.31	58.39	58.96	59.45	59.63	60.11	60.32	60.09	58.82	58.02	58.51	57.66
28	58.30	58.47	58.93	59.42	59.72	60.20	60.27	60.08	58.77	57.99	58.50	57.61
29	58.29	58.46	58.95	59.43	---	60.21	60.26	60.03	58.81	57.96	58.48	57.60
30	58.29	58.47	58.96	59.52	---	60.21	60.25	59.98	58.82	57.96	58.46	57.56
31	58.29	---	58.96	59.53	---	60.21	---	59.93	---	57.98	58.44	---

WTR YR 2005 MEAN 59.05 MAX 60.40 MIN 57.56

