

GROUND-WATER LEVELS

GREENE COUNTY

353103077333401. County number, GR-082; L2 Lizzie N26q2.

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.--Surficial.

WELL CHARACTERISTICS.--Drilled observation well, depth 18 ft, diameter 2 in., cased to 6 ft, screened interval from 6 to 16 ft.

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

DATUM.--Land-surface datum is 76.96 ft above NGVD of 1929 (levels by North Carolina Geodetic Survey). Measuring point: Top of metal casing, 2.71 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.

PERIOD OF RECORD.--December 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 76.98 ft above NGVD of 1929, Jan. 25, 2000; lowest water level recorded, 68.26 ft above NGVD of 1929, Oct. 11, 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	73.72	72.71	74.29	74.45	74.34	74.90	74.51	73.30	72.72	72.52	74.71	72.18
2	73.72	72.68	74.15	74.34	74.27	74.65	74.96	73.25	72.75	72.41	74.40	72.06
3	73.68	72.65	74.05	74.27	74.23	74.48	75.07	73.18	72.74	72.29	74.15	71.94
4	73.72	72.64	73.95	74.21	74.35	74.36	74.76	73.11	72.71	72.19	73.92	71.82
5	73.72	72.62	73.86	74.16	74.29	74.28	74.56	73.05	72.67	72.15	73.73	71.71
6	73.66	72.59	73.81	74.11	74.18	74.17	74.42	74.59	72.63	72.47	73.58	71.59
7	73.56	72.57	73.79	73.99	74.13	74.13	74.33	75.47	72.61	72.41	73.45	71.48
8	73.49	72.51	73.73	73.93	74.08	74.13	74.48	75.01	72.61	72.32	73.32	71.38
9	73.43	72.45	73.75	73.85	74.05	74.06	74.43	74.71	72.63	72.22	73.76	71.28
10	73.40	72.41	74.13	73.82	74.02	74.03	74.29	74.49	72.57	72.13	74.73	71.17
11	73.32	72.40	74.32	73.76	73.92	74.01	74.17	74.31	72.52	72.06	74.48	71.06
12	73.29	72.50	74.19	73.70	73.85	73.96	74.08	74.15	72.48	71.99	74.24	70.97
13	73.27	74.08	74.11	73.67	73.78	73.90	74.67	74.11	72.44	71.94	74.04	70.89
14	73.22	74.11	73.96	74.45	73.77	74.01	75.61	74.06	72.38	71.89	73.86	71.29
15	73.19	74.03	73.83	75.00	73.80	74.07	75.12	73.98	72.32	71.84	73.71	72.28
16	73.13	73.96	73.76	74.87	73.84	74.32	74.83	73.91	72.25	71.76	73.55	72.12
17	73.05	73.88	73.72	74.70	73.83	75.81	74.66	73.83	72.17	71.73	73.96	71.98
18	73.00	73.82	73.70	74.53	73.77	75.62	74.53	73.73	72.10	71.78	73.90	71.85
19	73.08	73.76	73.67	74.45	73.70	75.26	74.40	73.66	72.02	71.71	73.75	71.73
20	73.15	73.71	73.56	74.38	73.68	75.47	74.27	73.62	71.95	71.75	73.61	71.64
21	73.15	73.65	73.52	74.32	73.71	75.16	74.15	73.57	71.89	71.71	73.48	71.58
22	73.12	73.62	73.52	74.34	73.65	74.94	74.04	73.52	71.83	71.66	73.33	71.51
23	73.08	74.05	73.58	74.25	73.62	75.69	73.96	73.47	71.75	71.87	73.20	71.42
24	73.04	74.60	73.57	74.16	74.04	75.69	73.84	73.38	71.68	72.04	73.07	71.31
25	72.98	74.50	73.56	74.13	74.34	75.35	73.71	73.28	71.61	72.01	72.95	71.22
26	72.93	74.25	73.62	74.10	74.25	75.05	73.63	73.20	71.56	71.93	72.85	71.17
27	72.90	74.16	73.84	73.96	74.19	74.91	73.57	73.10	71.49	71.83	72.75	71.14
28	72.86	74.56	73.96	73.86	74.81	74.98	73.46	73.03	71.53	71.90	72.64	71.05
29	72.84	74.49	74.27	73.86	---	74.86	73.41	72.94	72.37	72.00	72.53	70.98
30	72.81	74.36	74.64	74.26	---	74.68	73.36	72.86	72.62	72.70	72.43	70.87
31	72.77	---	74.56	74.44	---	74.56	---	72.79	---	73.22	72.32	---

WTR YR 2005 MEAN 73.41 MAX 75.81 MIN 70.87

