

Water-Data Report 2007

**353103077333401 Local number GR-082, L2 Lizzie N26q2**

Surficial aquifer system  
Post Miocene (Quaternary + Pliocene) Rocks  
Greene County, NC

LOCATION.--Lat 35°31'04", long 77°33'33" referenced to North American Datum of 1983, Greene County, NC, Hydrologic Unit 03020203, near Lizzie, 20 ft north of Secondary Road 1335. Owner: NCDENR (North Carolina Department of Environment and Natural Resources).

**GROUND-WATER RECORDS**

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

DATUM.--Land-surface datum is 76.96 ft above National Geodetic Vertical Datum of 1929 (levels by North Carolina Geodetic Survey). Measuring point: top of metal casing, 2.71 ft above land-surface datum.

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

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

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.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded 77.05 ft, above NGVD of 1929, September 1, 2006; lowest water level recorded, 68.26 ft, above NGVD of 1929, October 11, 2002.

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**ELEVATION ABOVE NGVD 1929, FEET**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	73.47	74.90	74.92	74.83	74.64	73.92	73.71	73.24	72.08	72.67	71.01	69.39
2	73.40	74.76	74.98	74.67	75.70	74.03	73.75	73.13	72.00	72.59	70.93	69.32
3	73.36	74.57	74.78	74.54	75.40	74.08	73.55	73.03	72.70	72.52	70.87	69.27
4	73.32	74.43	74.78	74.49	75.11	74.00	73.48	72.95	73.28	72.44	70.80	69.21
5	73.27	74.34	74.62	74.49	74.88	73.93	73.37	72.88	73.17	72.36	70.73	69.14
6	73.26	74.28	74.54	75.01	74.71	73.86	73.30	73.41	73.06	72.27	70.66	69.07
7	73.41	74.73	74.53	74.97	74.64	73.84	73.23	73.38	72.96	72.17	70.58	69.01
8	73.43	75.88	74.37	75.09	74.52	73.78	73.15	73.32	72.88	72.09	70.51	68.96
9	73.53	75.53	74.28	74.90	74.42	73.73	73.09	73.31	72.80	71.98	70.44	68.92
10	73.85	75.20	74.23	74.64	74.32	73.71	73.03	73.40	72.70	71.90	70.55	68.86
11	73.85	75.01	74.19	74.49	74.23	73.68	73.01	73.38	72.59	71.87	71.10	68.82
12	73.79	75.71	74.16	74.43	74.20	73.63	73.48	73.34	72.50	71.77	70.92	68.75
13	73.69	75.99	74.14	74.39	74.20	73.62	73.61	73.46	72.39	71.68	70.78	68.69
14	73.61	75.74	74.13	74.34	74.50	73.60	73.56	73.44	72.29	71.59	70.61	68.66
15	73.51	75.48	74.13	74.31	74.46	73.58	74.65	73.39	72.20	71.52	70.46	69.21
16	73.44	75.81	74.05	74.26	74.38	73.98	75.85	73.35	72.14	71.44	70.35	69.08
17	73.44	75.85	74.02	74.12	74.31	75.09	75.34	73.25	72.23	71.38	70.28	68.94
18	74.76	75.49	74.01	74.15	74.23	74.84	74.99	73.21	72.09	71.88	70.18	68.83
19	74.86	75.22	73.97	74.41	74.12	74.67	74.74	73.14	72.00	72.00	70.11	68.75
20	74.72	75.01	73.91	74.35	74.12	74.57	74.55	73.07	71.97	71.90	70.04	68.80
21	74.49	75.17	73.88	74.25	74.09	74.43	74.38	72.98	71.96	71.84	69.98	69.08
22	74.42	76.39	73.90	75.42	74.06	74.36	74.25	72.87	71.90	71.75	70.06	68.96
23	74.47	76.01	74.65	75.31	73.98	74.28	74.14	72.79	71.83	71.65	69.93	68.84
24	74.32	75.75	74.68	75.07	73.92	74.19	74.02	72.71	71.75	71.53	69.88	68.74
25	74.20	75.47	75.25	74.93	73.93	74.09	73.90	72.65	71.69	71.42	69.81	68.66
26	74.10	75.26	75.92	74.74	73.99	74.00	73.78	72.56	71.65	71.34	69.76	68.62
27	74.10	75.13	75.50	74.66	73.98	73.95	73.69	72.48	71.59	71.28	69.80	68.59
28	75.92	75.01	75.17	74.63	73.93	73.87	73.58	72.40	71.54	71.21	69.68	68.54
29	75.54	74.91	75.00	74.52	---	73.77	73.45	72.32	71.77	71.14	69.61	68.48
30	75.22	74.84	74.90	74.44	---	73.71	73.34	72.24	72.70	71.11	69.55	68.44
31	75.03	---	74.83	74.34	---	73.66	---	72.16	---	71.10	69.47	---
<b>Mean</b>	74.06	75.26	74.53	74.62	74.39	74.01	73.87	73.01	72.28	71.79	70.30	68.89
<b>Max</b>	75.92	76.39	75.92	75.42	75.70	75.09	75.85	73.46	73.28	72.67	71.10	69.39
<b>Min</b>	73.26	74.28	73.88	74.12	73.92	73.58	73.01	72.16	71.54	71.10	69.47	68.44

<b>Water Year 2007</b>	
<b>Mean</b>	73.08
<b>Max</b>	76.39
<b>Min</b>	68.44

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