



Water-Data Report 2009

**353103077333401 Local number GR-082, L2 NCDENR Lizzie Research Station, N26q2, near Lizzie, NC
(Surficial)**

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).

GROUNDWATER 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. Measuring point: top of metal casing., 2.71 ft above land-surface datum, May 20, 1999, to present.

PERIOD OF RECORD.--December 1999 to February 2009 (discontinued).

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 elevation recorded 77.05 ft, above land surface datum, September 1, 2006; lowest elevation recorded, 67.63 ft, above land surface datum, December 14, 15, 2007.

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ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	72.79	71.56	74.55	74.07	74.36	---	---	---	---	---	---	---
2	72.64	71.50	74.42	74.07	74.30	---	---	---	---	---	---	---
3	72.52	71.49	74.29	73.99	74.24	---	---	---	---	---	---	---
4	72.41	71.64	74.22	73.96	74.15	---	---	---	---	---	---	---
5	72.34	71.74	74.13	74.01	74.04	---	---	---	---	---	---	---
6	72.28	71.73	74.09	74.51	74.01	---	---	---	---	---	---	---
7	72.20	71.73	74.00	74.97	73.97	---	---	---	---	---	---	---
8	72.19	71.75	73.91	74.73	73.95	---	---	---	---	---	---	---
9	72.13	71.68	73.90	74.49	73.88	---	---	---	---	---	---	---
10	72.04	71.60	73.91	74.43	73.86	---	---	---	---	---	---	---
11	71.96	71.54	74.58	74.48	73.87	---	---	---	---	---	---	---
12	71.91	71.54	75.72	74.45	73.80	---	---	---	---	---	---	---
13	71.89	71.82	75.23	74.48	73.74	---	---	---	---	---	---	---
14	71.87	72.80	75.00	74.70	73.71	---	---	---	---	---	---	---
15	71.81	75.55	74.89	74.59	73.64	---	---	---	---	---	---	---
16	71.76	75.62	74.78	74.39	73.59	---	---	---	---	---	---	---
17	71.70	75.25	74.72	74.32	73.55	---	---	---	---	---	---	---
18	71.80	74.99	74.63	74.35	73.63	---	---	---	---	---	---	---
19	71.79	74.78	74.61	74.76	73.85	---	---	---	---	---	---	---
20	71.79	74.66	74.51	74.73	---	---	---	---	---	---	---	---
21	71.80	74.49	74.85	74.67	---	---	---	---	---	---	---	---
22	71.69	74.36	74.72	74.73	---	---	---	---	---	---	---	---
23	71.64	74.29	74.52	74.80	---	---	---	---	---	---	---	---
24	71.70	74.26	74.49	74.68	---	---	---	---	---	---	---	---
25	71.82	74.20	74.43	74.52	---	---	---	---	---	---	---	---
26	71.74	74.10	74.33	74.40	---	---	---	---	---	---	---	---
27	71.73	74.04	74.34	74.34	---	---	---	---	---	---	---	---
28	71.71	73.99	74.34	74.38	---	---	---	---	---	---	---	---
29	71.65	73.92	74.34	74.66	---	---	---	---	---	---	---	---
30	71.52	74.13	74.34	74.63	---	---	---	---	---	---	---	---
31	71.52	---	74.23	74.46	---	---	---	---	---	---	---	---
Mean	71.95	73.22	74.48	74.48	73.90	---	---	---	---	---	---	---
Max	72.79	75.62	75.72	74.97	74.36	---	---	---	---	---	---	---
Min	71.52	71.49	73.90	73.96	73.55	---	---	---	---	---	---	---

Water Year 2009	
Mean	73.58
Max	75.72
Min	71.49

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