



Water-Data Report 2009

**353103077333406 Local number GR-147, L55, NCDENR Lizzie Research Station, near Lizzie, NC
(Yorktown)**

Surficial aquifer system
Yorktown Aquifer
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 72.6 ft, diameter 2 in., screened interval from 50 to 70 ft.

DATUM.--Land-surface datum is 77.46 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of metal casing, 1.41 ft above land-surface datum, May 20, 1999, to present.

PERIOD OF RECORD.--April 2000 to February 2009 (discontinued).

REVISED RECORDS.--WDR-US-2007: Water levels, September 1-7, 2000.

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 59.88 ft, above land surface datum, April 20-26, 2008; lowest water level recorded 54.76 ft, land surface datum, September 9-20, 2008.

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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	---	55.94	57.56	58.37	59.01	---	---	---	---	---	---	---
2	---	55.96	57.57	58.42	59.04	---	---	---	---	---	---	---
3	---	55.97	57.60	58.42	59.07	---	---	---	---	---	---	---
4	---	56.04	57.66	58.44	59.04	---	---	---	---	---	---	---
5	---	56.07	57.71	58.47	59.01	---	---	---	---	---	---	---
6	---	56.09	57.73	58.53	59.03	---	---	---	---	---	---	---
7	---	56.11	57.74	58.61	59.04	---	---	---	---	---	---	---
8	---	56.14	57.75	58.59	59.07	---	---	---	---	---	---	---
9	---	56.17	57.76	58.55	59.05	---	---	---	---	---	---	---
10	---	56.18	57.79	58.57	59.06	---	---	---	---	---	---	---
11	---	56.19	57.82	58.63	59.08	---	---	---	---	---	---	---
12	---	56.21	57.84	58.61	59.09	---	---	---	---	---	---	---
13	---	56.25	57.86	58.66	59.07	---	---	---	---	---	---	---
14	---	56.32	57.87	58.67	59.07	---	---	---	---	---	---	---
15	---	56.49	57.88	58.67	59.05	---	---	---	---	---	---	---
16	---	56.55	57.89	58.64	59.03	---	---	---	---	---	---	---
17	---	56.56	57.91	58.68	59.01	---	---	---	---	---	---	---
18	---	56.61	57.92	58.76	59.07	---	---	---	---	---	---	---
19	---	56.66	57.95	58.82	59.12	---	---	---	---	---	---	---
20	---	56.76	57.98	58.84	---	---	---	---	---	---	---	---
21	---	56.81	58.07	58.82	---	---	---	---	---	---	---	---
22	---	56.84	58.09	58.83	---	---	---	---	---	---	---	---
23	---	56.92	58.09	58.86	---	---	---	---	---	---	---	---
24	55.82	57.02	58.14	58.88	---	---	---	---	---	---	---	---
25	55.84	57.13	58.20	58.87	---	---	---	---	---	---	---	---
26	55.85	57.17	58.22	58.88	---	---	---	---	---	---	---	---
27	55.87	57.23	58.27	58.90	---	---	---	---	---	---	---	---
28	55.88	57.31	58.31	58.97	---	---	---	---	---	---	---	---
29	55.89	57.37	58.35	58.98	---	---	---	---	---	---	---	---
30	55.91	57.50	58.38	59.00	---	---	---	---	---	---	---	---
31	55.92	---	58.41	58.99	---	---	---	---	---	---	---	---
Mean	55.87	56.55	57.95	58.71	59.05	---	---	---	---	---	---	---
Max	55.92	57.50	58.41	59.00	59.12	---	---	---	---	---	---	---
Min	55.82	55.94	57.56	58.37	59.01	---	---	---	---	---	---	---

Water Year 2009

Mean	57.83
Max	59.12
Min	55.82

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