

Water-Data Report 2006

353103077333406 Local number GR-147, L55

Northern Atlantic Coastal Plain 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: DENR (North Carolina Department of Environment and Natural Resources).

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

PERIOD OF RECORD.--April 2000 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. Minimum for period of record affected by pumping.

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.

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MP ELEVATION = 78.872
ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	57.52	58.65	59.37	60.19	60.34	60.12	59.67	59.28	59.62	59.97	59.80	59.69
2	57.48	58.71	59.38	60.21	60.34	60.11	59.67	59.28	59.61	59.97	59.75	59.66
3	57.45	58.72	59.38	60.26	60.36	60.08	59.67	59.28	59.61	59.99	59.71	59.71
4	57.43	58.77	59.42	60.25	60.37	60.05	59.67	59.27	59.61	60.04	59.67	59.79
5	57.41	58.81	59.47	60.28	60.37	60.02	59.65	59.27	59.61	60.13	59.63	59.88
6	57.39	58.85	59.52	60.29	60.34	60.01	59.64	59.30	59.61	60.15	59.62	59.99
7	---	58.86	59.52	60.27	60.33	60.00	59.63	59.30	59.61	60.15	59.61	60.03
8	---	58.89	59.53	60.27	60.32	59.98	59.62	59.35	59.61	60.16	59.58	60.07
9	---	58.94	59.59	60.27	60.32	59.97	59.60	59.36	59.61	60.23	59.61	60.10
10	---	58.98	59.63	60.25	60.30	59.95	59.56	59.39	59.61	60.27	59.61	60.13
11	---	58.98	59.69	60.26	60.32	59.91	59.54	59.43	59.61	60.28	59.63	60.14
12	---	58.98	59.70	60.27	60.34	59.89	59.52	59.46	59.61	60.28	59.63	60.15
13	---	58.99	59.70	60.29	60.29	59.89	59.52	59.46	59.61	60.28	59.62	60.18
14	57.70	59.00	59.70	60.36	60.27	59.88	59.52	59.47	59.62	60.28	59.61	60.22
15	57.75	59.01	59.77	60.32	60.25	59.84	59.52	59.50	59.64	60.27	59.60	60.23
16	57.78	59.04	59.85	60.31	60.23	59.82	59.50	59.52	59.66	60.25	59.58	60.23
17	57.81	59.05	59.82	60.30	60.23	59.82	59.48	59.54	59.68	60.23	59.55	60.23
18	57.84	59.05	59.87	60.30	60.22	59.79	59.44	59.57	59.70	60.18	59.53	60.24
19	57.87	59.06	59.91	60.26	60.18	59.76	59.42	59.62	59.71	60.13	59.51	60.24
20	57.91	59.07	59.94	60.26	60.17	59.74	59.40	59.63	59.72	60.09	59.50	60.24
21	57.95	59.17	59.96	60.27	60.17	59.78	59.36	59.64	59.72	60.07	59.48	60.22
22	58.09	59.28	59.98	60.27	60.17	59.78	59.34	59.64	59.73	60.03	59.50	60.20
23	58.12	59.27	60.02	60.29	60.19	59.78	59.35	59.64	59.76	59.99	59.52	60.19
24	58.21	59.27	60.06	60.33	60.16	59.78	59.34	59.64	59.77	59.99	59.52	60.19
25	58.31	59.25	60.11	60.32	60.15	59.78	59.33	59.64	59.78	59.98	59.52	60.16
26	58.32	59.24	60.14	60.30	60.14	59.77	59.30	59.64	59.78	59.97	59.51	60.13
27	58.34	59.24	60.13	60.28	60.12	59.74	59.31	59.65	59.79	59.94	59.49	60.11
28	58.40	59.28	60.14	60.27	60.12	59.72	59.32	59.64	59.81	59.90	59.49	60.09
29	58.45	59.32	60.21	60.31	---	59.71	59.30	59.64	59.82	59.88	59.47	60.07
30	58.50	59.35	60.19	60.33	---	59.69	59.29	59.63	59.89	59.88	59.46	60.03
31	58.58	---	60.20	60.36	---	59.67	---	59.63	---	59.85	59.47	---
Mean	57.94	59.04	59.80	60.28	60.25	59.87	59.48	59.49	59.68	60.09	59.57	60.08
Max	58.58	59.35	60.21	60.36	60.37	60.12	59.67	59.65	59.89	60.28	59.80	60.24
Min	57.39	58.65	59.37	60.19	60.12	59.67	59.29	59.27	59.61	59.85	59.46	59.66

Water Year 2006	
Mean	59.66
Max	60.37
Min	57.39

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