

GROUND-WATER LEVELS

PASQUOTANK COUNTY

362050076163705. Local number, NC-150; DENR Elizabeth City Forest Service Research Station well D11v5; County number, PK-199.

LOCATION.--Lat 36°20'50", long 76°16'37", Hydrologic Unit 03010205, 4 mi northwest of Elizabeth City at North Carolina Division of Forest Resources Maintenance Yard, west of U.S. Highways 17 and 158 on Secondary Road 1338. Owner: DENR (North Carolina Department of Environment and Natural Resources).

AQUIFER.--Yorktown aquifer of Pliocene and Miocene age.

WELL CHARACTERISTICS.--Drilled observation well, depth 130 ft, diameter 4 in., screened interval from 120 to 130 ft.

INSTRUMENTATION.--Water-level recorder collecting data at 60-minute intervals.

DATUM.--Land-surface datum is 7.14 ft above NGVD of 1929 (levels by DENR). Measuring point: Top of instrument shelf, 3.48 ft above land-surface datum; revised from 3.13 ft above land-surface datum, October 1987.

REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--July 1975 to current year. Continuous record began November 1986. Records from July 1975 to November 1986 are unpublished and available in the files of the Groundwater Section, DENR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.22 ft below land-surface datum, June 26, 1979; lowest water level recorded, 10.57 ft below land-surface datum, Aug. 27, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.01	9.39	9.56	9.62	8.83	8.16	---	---	---	9.10	9.92	10.37
2	9.02	9.38	9.58	9.67	8.82	8.12	---	---	---	9.13	9.97	10.33
3	9.04	9.37	9.59	9.57	8.73	7.96	---	---	---	9.16	10.02	10.33
4	9.03	9.37	9.60	9.63	8.64	8.03	---	---	---	9.21	10.04	10.31
5	9.02	9.36	9.60	9.68	8.71	8.09	---	---	---	9.28	10.05	10.32
6	8.99	9.39	9.57	9.59	8.68	8.09	---	---	---	9.38	10.05	10.35
7	9.05	9.42	9.53	9.57	8.53	8.06	---	---	---	9.46	10.11	10.37
8	9.11	9.42	9.53	9.66	8.54	8.05	---	---	8.07	9.51	10.13	10.35
9	9.12	9.42	9.54	9.67	8.58	8.02	---	---	8.11	9.54	10.15	10.30
10	9.10	9.42	9.58	9.67	8.52	7.97	---	---	8.14	9.56	10.17	10.22
11	9.07	9.42	9.50	9.66	8.47	7.99	---	---	8.18	9.60	10.17	10.21
12	9.06	9.49	9.51	9.66	8.45	7.90	---	---	8.20	9.66	10.18	10.29
13	9.06	9.51	9.48	9.58	8.44	7.78	---	---	8.24	9.69	10.21	10.30
14	9.05	9.50	9.44	9.63	8.46	---	---	---	8.25	9.65	10.25	10.29
15	9.10	9.50	9.49	9.57	8.40	---	---	---	8.29	9.62	10.31	10.28
16	9.10	9.52	9.53	9.61	8.30	---	---	---	8.38	9.66	10.35	10.23
17	9.14	9.57	9.45	9.56	8.28	---	---	---	8.44	9.70	10.38	10.22
18	9.17	9.59	9.38	9.56	8.31	---	---	---	8.50	9.73	10.39	10.24
19	9.14	9.57	9.44	9.48	8.30	---	---	---	8.55	9.76	10.42	10.23
20	9.12	9.55	9.46	9.41	8.23	---	---	---	8.58	9.78	10.46	10.23
21	9.15	9.61	9.52	9.37	8.15	---	---	---	8.60	9.80	10.48	10.22
22	9.13	9.64	9.55	9.41	8.13	---	---	---	8.62	9.84	10.51	10.22
23	9.13	9.66	9.52	9.35	8.12	---	---	---	8.65	9.85	10.49	10.23
24	9.14	9.66	9.46	9.26	8.12	---	---	---	8.70	9.84	10.49	10.27
25	9.17	9.65	9.51	9.23	8.11	---	---	---	8.77	9.82	10.52	10.27
26	9.23	9.63	9.47	9.22	8.05	---	---	---	8.85	9.81	10.55	10.20
27	9.27	9.62	9.51	9.16	8.03	---	---	---	8.89	9.80	10.53	10.16
28	9.35	9.62	9.51	9.09	8.11	---	---	---	8.91	9.80	10.46	10.18
29	9.37	9.61	9.53	9.02	---	---	---	---	8.99	9.81	10.42	10.24
30	9.37	9.57	9.59	8.99	---	---	---	---	9.06	9.86	10.42	10.25
31	9.39	---	9.61	8.93	---	---	---	---	---	9.89	10.42	---

WTR YR 2002 MEAN 9.38 HIGH 7.78 LOW 10.55

PASQUOTANK COUNTY--Continued

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