

GROUND-WATER LEVELS

PASQUOTANK COUNTY--Continued

362601076230704. Local number, NC-204: DENR Morgans Corner Research Station well C12w4; County number, PK-191.
 LOCATION.--Lat 36°26'00", long 76°22'00", Hydrologic Unit 03010205, near Morgans Corners on Secondary Road 1360 0.8 mi northeast of U.S. Highway 158. Owner: DENR (North Carolina Department of Environment and Natural Resources).
 AQUIFER.--Castle Hayne aquifer of Oligocene and Eocene age.
 WELL CHARACTERISTICS.--Drilled observation well, depth 648 ft, diameter 4 in., cased to 385 ft, screened interval from 385 to 420 ft.
 INSTRUMENTATION.--Water-level recorder collecting data at 60-minute intervals.
 DATUM.--Land-surface datum is 12.42 ft above sea level. Measuring point: Top of casing, 2.57 ft above land-surface datum; revised from 2.40 ft above land-surface datum, May 2, 2001.
 REMARKS.-- Well is part of areal-effects network.
 PERIOD OF RECORD.--September 1981 to current year. Continuous record began May 2001.
 EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.42 ft above land-surface datum, Sept. 2, 1981; lowest water level measured, 5.57 ft below land-surface, Sept. 19, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO DECEMBER 2000

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	4.70	DEC 06	4.70

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	5.25	---	5.24	5.40
2	---	---	---	---	---	---	---	---	5.16	---	5.25	5.43
3	---	---	---	---	---	---	---	5.01	5.22	---	5.21	5.44
4	---	---	---	---	---	---	---	5.02	5.29	---	5.20	5.44
5	---	---	---	---	---	---	---	5.01	5.34	---	5.24	5.46
6	---	---	---	---	---	---	---	5.09	5.31	---	5.27	5.51
7	---	---	---	---	---	---	---	5.13	5.31	---	5.27	5.51
8	---	---	---	---	---	---	---	5.12	5.35	---	5.26	5.51
9	---	---	---	---	---	---	---	5.10	5.38	---	5.27	5.53
10	---	---	---	---	---	---	---	5.09	5.39	---	5.28	5.52
11	---	---	---	---	---	---	---	5.09	5.41	---	5.32	5.49
12	---	---	---	---	---	---	---	5.11	---	---	5.35	5.51
13	---	---	---	---	---	---	---	5.15	---	5.16	5.34	5.51
14	---	---	---	---	---	---	---	5.18	---	5.16	5.31	5.51
15	---	---	---	---	---	---	---	5.15	---	5.19	5.34	5.53
16	---	---	---	---	---	---	---	5.15	---	5.22	5.37	5.52
17	---	---	---	---	---	---	---	5.18	---	5.24	5.38	5.54
18	---	---	---	---	---	---	---	5.17	---	5.24	5.34	5.54
19	---	---	---	---	---	---	---	5.16	---	5.24	5.27	5.56
20	---	---	---	---	---	---	---	5.20	---	5.26	5.28	5.55
21	---	---	---	---	---	---	---	5.20	---	5.26	5.32	5.53
22	---	---	---	---	---	---	---	5.19	---	5.26	5.35	5.54
23	---	---	---	---	---	---	---	5.23	---	5.25	5.34	5.53
24	---	---	---	---	---	---	---	5.27	---	5.22	5.33	5.44
25	---	---	---	---	---	---	---	5.30	---	5.23	5.36	5.38
26	---	---	---	---	---	---	---	5.27	---	5.24	5.37	5.43
27	---	---	---	---	---	---	---	5.23	---	5.24	5.34	5.43
28	---	---	---	---	---	---	---	5.24	---	5.26	5.36	5.44
29	---	---	---	---	---	---	---	5.25	---	5.19	5.39	5.46
30	---	---	---	---	---	---	---	5.26	---	5.15	5.41	5.46
31	---	---	---	---	---	---	---	5.28	---	5.21	5.39	---
MEAN	---	---	---	---	---	---	---	5.17	5.31	5.22	5.31	5.49
MAX	---	---	---	---	---	---	---	5.30	5.41	5.26	5.41	5.56
MIN	---	---	---	---	---	---	---	5.01	5.16	5.15	5.20	5.38

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