

GROUND-WATER LEVELS

PASQUOTANK COUNTY--Continued

362601076230702. Local number, NC-203; DENR Morgans Corner Research Station well C12w2; County number, PK-190.

LOCATION.--Lat 36°26'01", long 76°23'07", 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.--Surficial aquifer.

WELL CHARACTERISTICS.--Drilled observation well, depth 37 ft, diameter 2.5 in., cased to 27 ft, screened interval from 27 to 32 ft.

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

DATUM.--Land-surface datum is 12.42 ft above NGVD of 1929. Measuring point: Top of casing, 2.28 ft above land-surface datum.

REMARKS.-- Well is part of induced-effects network. Water levels affected by pumping.

PERIOD OF RECORD.--September 1981 to current year. Continuous record began August 2000.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.98 ft below land-surface datum, August 24, 2000; lowest water level recorded, 9.49 ft below land-surface datum, Aug. 24, 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	6.12	7.21	7.02	8.65	5.47	6.68	1.73	2.76	5.68	6.75	7.05	6.77
2	6.18	6.97	7.30	8.97	6.28	6.57	1.52	2.96	5.49	6.78	7.17	6.97
3	6.22	6.93	7.65	8.92	7.16	5.50	1.49	2.49	5.45	7.23	7.07	7.04
4	6.27	6.79	7.62	8.90	7.01	5.55	1.78	2.18	5.51	6.99	7.08	7.53
5	6.30	7.19	7.58	9.03	7.46	6.11	2.01	1.99	5.83	7.28	7.09	7.35
6	6.27	7.38	7.53	8.83	7.50	5.80	2.24	1.94	5.88	7.13	7.77	7.29
7	6.33	7.36	7.36	8.50	7.03	5.53	2.56	2.01	5.30	6.65	7.17	7.11
8	6.42	7.11	7.37	8.52	6.54	5.37	2.40	2.27	5.15	6.72	7.17	7.16
9	6.62	7.15	7.49	8.49	6.57	5.12	1.92	2.68	5.10	7.05	7.21	7.02
10	6.76	7.75	7.81	8.02	6.22	4.93	2.00	3.09	5.27	7.17	7.27	6.91
11	6.75	7.36	7.54	7.89	5.86	5.66	2.06	2.83	5.93	6.83	7.39	7.26
12	6.41	7.67	7.52	8.28	6.41	5.49	1.65	3.07	6.25	6.51	7.58	7.27
13	6.41	8.21	7.44	8.12	6.29	4.63	1.59	3.41	6.36	6.53	7.81	7.23
14	6.43	7.85	7.22	8.22	6.53	4.06	1.59	2.91	6.24	6.65	7.86	7.25
15	6.48	7.58	7.31	7.85	6.55	3.79	1.68	2.95	6.19	6.98	7.77	7.39
16	6.48	7.70	7.88	8.07	5.93	3.42	1.86	3.12	6.15	7.36	8.09	7.13
17	6.49	7.47	7.87	7.98	6.14	3.56	1.83	3.39	6.07	7.49	8.48	7.34
18	6.60	7.07	7.34	7.85	6.65	3.43	2.08	3.26	5.98	7.61	8.19	7.21
19	6.81	7.05	7.84	8.11	6.39	3.27	2.45	3.38	6.03	7.71	8.02	7.51
20	6.73	7.36	7.84	7.80	5.85	3.03	2.21	3.53	6.07	7.19	8.38	7.61
21	6.65	8.01	8.24	7.59	5.33	2.77	2.01	3.70	6.24	6.89	8.08	7.27
22	6.63	8.01	8.46	7.40	5.63	3.04	1.93	3.78	6.51	7.40	8.11	7.33
23	6.63	7.85	8.39	7.14	5.98	3.38	2.09	3.85	6.32	7.72	8.40	7.18
24	6.66	7.40	7.75	6.55	6.16	3.04	2.33	3.94	6.03	7.64	8.68	7.13
25	6.67	7.23	8.22	6.56	6.16	2.42	2.31	4.04	6.99	7.74	8.64	7.14
26	6.74	7.11	8.08	7.00	5.75	2.34	2.40	4.18	6.90	7.29	8.22	7.11
27	7.19	7.08	8.58	6.77	5.77	2.42	2.53	4.63	6.33	6.97	7.71	7.25
28	7.35	7.09	8.66	6.46	6.46	2.87	2.43	4.47	6.57	6.95	7.39	7.20
29	7.48	7.10	8.48	6.21	---	2.90	2.48	4.47	6.85	7.18	7.18	7.13
30	7.50	7.05	8.60	5.95	---	2.45	2.68	4.55	6.73	7.31	6.92	7.15
31	7.32	---	8.77	5.57	---	2.23	---	4.75	---	7.26	6.92	---

WTR YR 2002 MEAN 6.12 HIGH 1.49 LOW 9.03

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