

GROUND-WATER LEVELS

PASQUOTANK COUNTY--Continued

361829076163201. Local number, NC-195; County number, PK-141.

LOCATION.--Lat 36°18'29", long 76°16'32", Hydrologic Unit 03010205, northwest of Elizabeth City, 1.2 mi west of Secondary Road 1307 on Secondary Road 1309. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of post-Miocene age.

WELL CHARACTERISTICS.--Bored observation well, augered to 13.0 ft, diameter 4 in., cased to 2.4 ft, screened interval from 2.4 to 12.4 ft.

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

DATUM.--Land-surface datum is 15 ft above NGVD of 1929 (from topographic map). Measuring point: Top of instrument shelf, 3.38 ft above land-surface datum.

REMARKS.--In October 1991, well replaced nearby NC-143. Well is part of climatic-effects network. Negative values of water levels in feet below land surface indicate ground-water levels that are above land surface.

PERIOD OF RECORD.--October 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.56 ft above land-surface datum, Oct. 1, 2000; lowest water level recorded, 6.15 ft below land-surface datum, Jan. 2, 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	5.17	5.72	5.93	6.08	3.93	4.16	0.30	1.42	3.93	4.92	4.62	3.85
2	5.24	5.72	5.98	6.08	4.23	3.96	0.53	1.44	4.05	4.92	4.75	3.71
3	5.29	5.71	6.00	5.84	4.11	2.18	0.59	1.11	4.33	4.93	4.87	3.80
4	5.30	5.72	6.00	6.02	3.99	2.22	0.64	1.25	4.41	4.98	4.92	3.87
5	5.30	5.71	6.00	6.05	4.34	2.42	0.77	1.16	4.44	5.04	4.92	3.99
6	5.26	5.78	5.90	5.77	4.31	2.49	0.89	1.28	4.44	5.12	4.93	4.14
7	5.38	5.80	5.86	5.64	3.33	2.55	1.02	1.36	4.30	5.19	5.05	4.28
8	5.47	5.78	5.86	5.74	2.99	2.66	1.10	1.50	4.41	5.22	5.12	4.32
9	5.48	5.82	5.96	5.66	3.17	2.70	1.18	1.62	4.41	5.20	5.19	4.24
10	5.42	5.76	6.02	5.66	3.11	2.71	0.82	1.81	4.47	5.20	5.24	4.04
11	5.39	5.79	5.92	5.67	3.09	2.91	0.80	2.00	4.51	5.19	5.26	3.92
12	5.36	5.93	5.96	5.71	3.22	2.78	0.89	2.04	4.52	5.24	5.30	4.24
13	5.41	5.91	5.84	5.60	3.31	2.15	0.98	2.06	4.55	5.24	5.36	4.35
14	5.37	5.81	5.79	5.63	3.48	1.67	1.06	2.21	4.44	5.13	---	4.41
15	5.49	5.75	5.97	5.51	3.40	1.72	1.15	2.45	4.39	4.85	---	4.44
16	5.43	5.76	6.04	5.60	3.23	1.78	1.13	2.57	4.53	4.79	---	4.35
17	5.54	5.89	5.80	5.49	3.31	1.73	0.86	2.60	4.63	4.85	---	4.24
18	5.60	5.91	5.69	5.54	3.62	1.14	1.03	2.63	4.74	4.88	---	4.33
19	5.53	5.81	5.84	5.42	3.67	1.19	1.16	2.82	4.77	4.91	---	4.41
20	5.54	5.74	5.88	4.91	3.55	1.18	1.22	2.91	4.74	4.97	5.41	4.48
21	5.62	5.88	6.02	4.64	3.46	1.12	1.33	3.03	4.76	5.01	5.07	4.53
22	5.55	5.91	6.06	4.67	3.56	1.15	1.36	3.14	4.75	5.06	4.98	4.58
23	5.52	5.93	5.90	4.48	3.68	1.26	1.54	3.16	4.66	5.05	4.93	4.64
24	5.52	5.92	5.78	4.24	3.78	1.34	1.65	3.19	4.68	4.93	4.95	4.76
25	5.58	5.91	5.92	4.19	3.82	1.42	1.54	3.36	4.79	4.69	4.95	4.79
26	5.68	5.89	5.80	4.04	---	1.46	1.57	3.49	4.84	4.44	5.01	4.69
27	5.73	5.92	5.87	3.95	---	1.17	1.70	3.62	4.86	4.30	4.84	4.54
28	5.81	5.95	5.89	3.87	3.97	1.22	1.59	3.70	4.77	4.31	4.28	4.66
29	5.78	5.95	5.93	3.89	---	1.29	1.13	3.75	4.81	4.36	4.13	4.81
30	5.72	5.89	6.08	3.96	---	1.35	1.34	3.78	4.89	4.44	4.06	4.87
31	5.74	---	6.06	4.03	---	1.11	---	3.84	---	4.54	4.03	---

WTR YR 2002 MEAN 4.18 HIGH 0.30 LOW 6.08

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