

Water-Data Report 2008

361829076163201 Local number PK-141 (NC-195), near Elizabeth City, NC (Surficial)

Surficial aquifer system
Post Miocene (Quaternary + Pliocene) Rocks
Pasquotank County, NC

LOCATION.--Lat 36°18'30", long 76°16'31" referenced to North American Datum of 1983, Pasquotank County, NC, Hydrologic Unit 03010205, 1.2 mi west of Secondary Road 1307, on Secondary Road 1309, 3 mi northwest of Elizabeth City. Owner: U.S. Geological Survey.

GROUND-WATER RECORDS

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

DATUM.--Land-surface datum is 15 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of instrument shelf, 3.38 ft above land-surface datum, August 1, 2003, to present.

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

GAGE.--Water-level recorder collecting data at 60-minute intervals. Satellite telemetry at site.

REMARKS.--Well is replacement for NC-143 (station number 361828076163401, which was destroyed. Well is part of climatic-effects network.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.70 ft above land-surface datum, January 4, 1992; lowest water level recorded, 6.35 ft below land-surface datum, December 15, 2007.

REVISIONS.--The period of record highest water level has been revised to 0.70 ft above land surface datum, January 4, 1992.

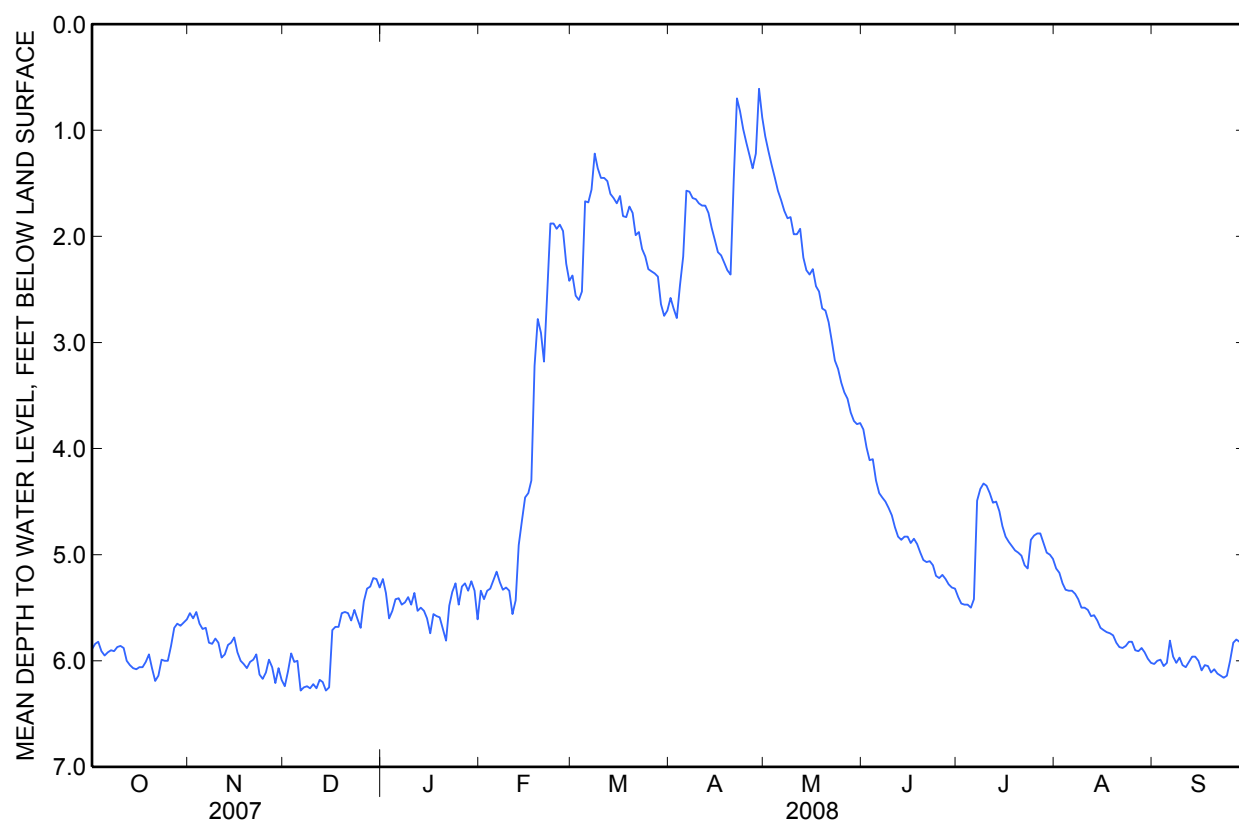
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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.89	5.55	6.24	5.23	5.34	2.37	2.58	1.06	3.82	5.40	5.13	6.03
2	5.84	5.60	6.10	5.36	5.42	2.56	2.68	1.20	3.99	5.46	5.17	6.00
3	5.82	5.54	5.93	5.60	5.34	2.60	2.77	1.33	4.11	5.47	5.27	5.99
4	5.91	5.65	6.01	5.53	5.32	2.52	2.46	1.45	4.10	5.47	5.33	6.05
5	5.95	5.70	6.00	5.42	5.24	1.67	2.19	1.57	4.30	5.50	5.34	6.02
6	5.92	5.69	6.28	5.41	5.16	1.68	1.57	1.66	4.42	5.42	5.34	5.81
7	5.90	5.83	6.25	5.47	5.26	1.56	1.58	1.76	4.46	4.49	5.37	5.96
8	5.91	5.84	6.24	5.45	5.33	1.22	1.64	1.83	4.50	4.38	5.42	6.02
9	5.87	5.79	6.26	5.40	5.31	1.36	1.65	1.82	4.56	4.33	5.50	5.97
10	5.86	5.83	6.22	5.47	5.34	1.45	1.69	1.98	4.63	4.35	5.50	6.04
11	5.88	5.97	6.26	5.36	5.56	1.45	1.71	1.98	4.74	4.42	5.52	6.06
12	6.00	5.94	6.18	5.53	5.43	1.48	1.71	1.93	4.83	4.51	5.58	6.01
13	6.04	5.85	6.20	5.50	4.91	1.60	1.78	2.20	4.86	4.50	5.57	5.96
14	6.07	5.83	6.28	5.53	4.68	1.64	1.92	2.32	4.83	4.59	5.62	5.96
15	6.08	5.78	6.25	5.60	4.46	1.69	2.03	2.36	4.83	4.73	5.69	6.00
16	6.06	5.92	5.71	5.74	4.42	1.62	2.15	2.31	4.89	4.83	5.71	6.09
17	6.06	6.00	5.68	5.56	4.30	1.81	2.18	2.47	4.85	4.88	5.73	6.04
18	6.01	6.03	5.68	5.58	3.22	1.82	2.25	2.52	4.90	4.92	5.74	6.05
19	5.94	6.07	5.55	5.59	2.78	1.72	2.32	2.68	4.98	4.96	5.76	6.11
20	6.07	6.01	5.54	5.70	2.91	1.78	2.36	2.70	5.05	4.98	5.83	6.08
21	6.19	5.99	5.55	5.81	3.18	1.99	1.46	2.81	5.07	5.01	5.87	6.12
22	6.14	5.94	5.62	5.48	2.54	1.96	0.70	2.98	5.06	5.10	5.88	6.14
23	5.99	6.13	5.52	5.35	1.88	2.12	0.82	3.17	5.10	5.13	5.86	6.16
24	6.00	6.17	5.61	5.27	1.88	2.19	0.99	3.25	5.20	4.86	5.82	6.14
25	6.00	6.11	5.69	5.47	1.93	2.31	1.12	3.38	5.22	4.82	5.82	6.00
26	5.86	5.99	5.44	5.30	1.89	2.33	1.24	3.47	5.19	4.80	5.90	5.83
27	5.69	6.06	5.32	5.27	1.95	2.35	1.36	3.53	5.23	4.80	5.91	5.80
28	5.65	6.21	5.30	5.34	2.26	2.38	1.22	3.66	5.28	4.89	5.88	5.82
29	5.67	6.07	5.22	5.25	2.42	2.64	0.61	3.74	5.31	4.98	5.92	5.88
30	5.64	6.18	5.23	5.34	---	2.75	0.88	3.77	5.32	5.00	5.98	5.86
31	5.61	---	5.31	5.61	---	2.70	---	3.76	---	5.04	6.02	---
Mean	5.92	5.91	5.83	5.47	3.99	1.98	1.72	2.47	4.79	4.90	5.64	6.00
Max	6.19	6.21	6.28	5.81	5.56	2.75	2.77	3.77	5.32	5.50	6.02	6.16
Min	5.61	5.54	5.22	5.23	1.88	1.22	0.61	1.06	3.82	4.33	5.13	5.80

Water Year 2008	
Mean	4.55
High	0.61
Low	6.28

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