



Water-Data Report 2010

**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.

**GROUNDWATER 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 NGVD of 1929. Measuring point: top of 4-inch PVC coupling, 2.65 ft above land-surface datum, September 17, 1991 to August 1, 2003; top of instrument shelf, 3.38 ft above land-surface datum, August 1, 2003 to present;

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

REVISED RECORDS.--WDR-US-2008, period of record, recorded highest water level.

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, 6.47 ft below land-surface datum, October 30, 2008.

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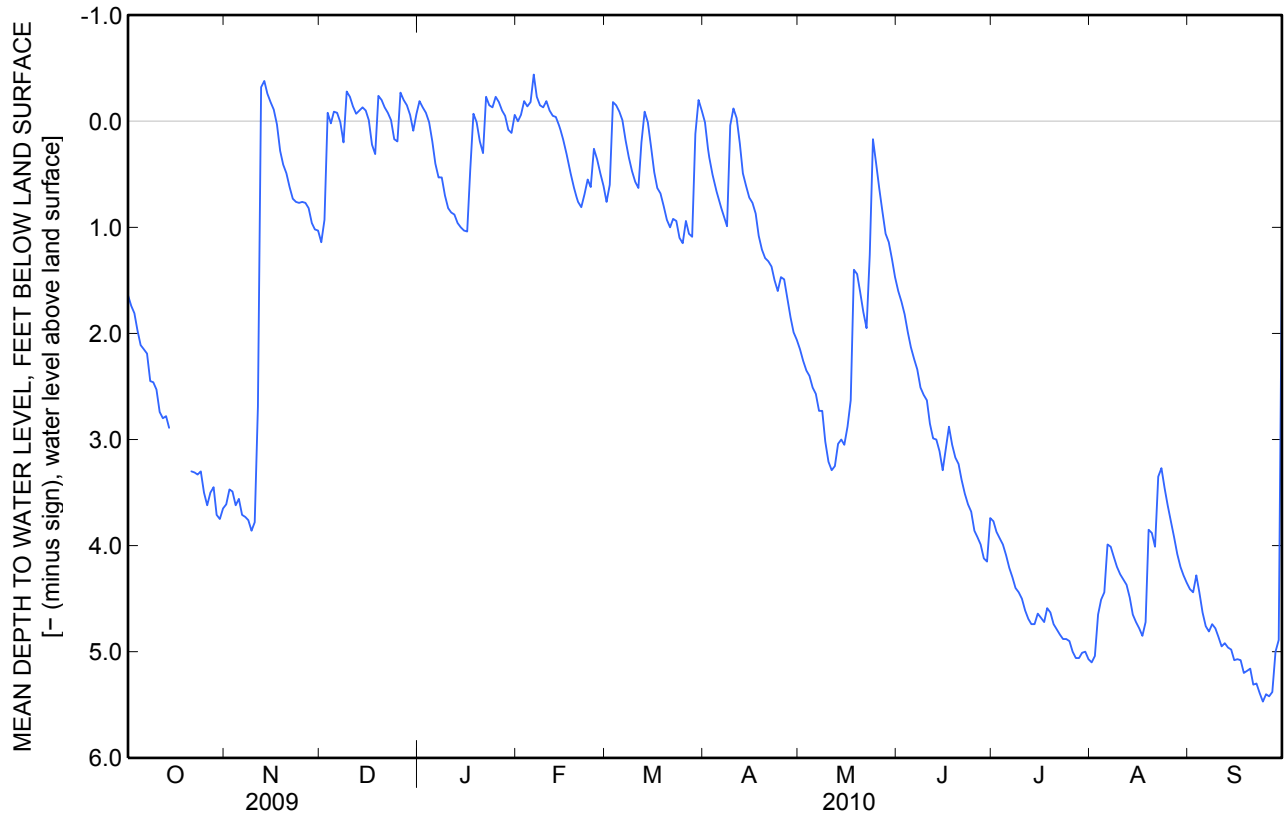
**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**  
**DAILY MEAN VALUES**

[- (minus sign), value is water level above land surface]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.64	3.61	1.14	-0.19	0.00	0.76	0.01	2.15	1.60	3.77	5.10	4.41
2	1.74	3.47	0.93	-0.13	-0.06	0.60	0.26	2.26	1.70	3.87	5.04	4.44
3	1.81	3.49	-0.08	-0.08	-0.19	-0.18	0.44	2.35	1.82	3.93	4.65	4.28
4	1.97	3.62	0.02	0.01	-0.14	-0.15	0.58	2.40	1.99	3.99	4.51	4.44
5	2.11	3.56	-0.09	0.19	-0.18	-0.09	0.70	2.51	2.13	4.09	4.44	4.63
6	2.15	3.71	-0.08	0.40	-0.44	-0.01	0.80	2.57	2.24	4.21	3.99	4.76
7	2.19	3.73	0.01	0.53	-0.23	0.18	0.90	2.73	2.34	4.30	4.01	4.81
8	2.45	3.76	0.20	0.53	-0.15	0.34	0.99	2.73	2.51	4.40	4.11	4.74
9	2.46	3.86	-0.28	0.70	-0.13	0.47	0.04	3.02	2.58	4.44	4.20	4.78
10	2.53	3.78	-0.23	0.82	-0.19	0.57	-0.12	3.21	2.63	4.50	4.27	4.86
11	2.74	2.69	-0.14	0.86	-0.10	0.63	-0.03	3.29	2.85	4.61	4.32	4.95
12	2.80	-0.32	-0.07	0.88	-0.05	0.20	0.21	3.25	2.99	4.69	4.37	4.92
13	2.78	-0.38	-0.10	0.96	-0.04	-0.09	0.49	3.04	3.00	4.74	4.49	4.96
14	2.89	-0.26	-0.13	1.00	0.04	0.01	0.61	3.00	3.11	4.74	4.65	4.98
15	---	-0.18	-0.10	1.03	0.14	0.24	0.72	3.05	3.29	4.64	4.72	5.08
16	---	-0.11	-0.01	1.04	0.26	0.48	0.77	2.88	3.09	4.68	4.78	5.07
17	---	0.03	0.22	0.46	0.41	0.63	0.87	2.63	2.88	4.72	4.85	5.08
18	---	0.28	0.31	-0.07	0.53	0.68	1.08	1.40	3.05	4.59	4.72	5.20
19	---	0.41	-0.24	0.01	0.66	0.80	1.21	1.44	3.17	4.63	3.85	5.18
20	---	0.49	-0.20	0.19	0.76	0.93	1.29	1.61	3.23	4.74	3.88	5.16
21	3.30	0.62	-0.13	0.30	0.81	1.00	1.32	1.80	3.38	4.79	4.01	5.31
22	3.31	0.73	-0.08	-0.23	0.69	0.92	1.37	1.95	3.51	4.84	3.35	5.30
23	3.33	0.76	-0.01	-0.15	0.55	0.94	1.50	1.26	3.61	4.88	3.27	5.39
24	3.30	0.77	0.17	-0.13	0.62	1.10	1.60	0.17	3.68	4.88	3.46	5.47
25	3.50	0.76	0.19	-0.23	0.26	1.15	1.47	0.40	3.86	4.90	3.62	5.40
26	3.62	0.77	-0.27	-0.18	0.36	0.94	1.49	0.63	3.92	5.00	3.77	5.42
27	3.50	0.82	-0.20	-0.10	0.49	1.06	1.67	0.85	3.99	5.06	3.92	5.38
28	3.45	0.96	-0.15	-0.05	0.61	1.09	1.85	1.06	4.12	5.06	4.08	5.00
29	3.71	1.02	-0.06	0.08	---	0.12	1.99	1.14	4.15	5.01	4.20	4.89
30	3.75	1.03	0.09	0.11	---	-0.20	2.06	1.30	3.74	5.00	4.28	1.32
31	3.65	---	-0.07	-0.06	---	-0.10	---	1.47	---	5.07	4.35	---
<b>Mean</b>	2.83	1.58	0.02	0.27	0.19	0.48	0.94	2.05	3.01	4.61	4.23	4.85
<b>Max</b>	3.75	3.86	1.14	1.04	0.81	1.15	2.06	3.29	4.15	5.07	5.10	5.47
<b>Min</b>	1.64	-0.38	-0.28	-0.23	-0.44	-0.20	-0.12	0.17	1.60	3.77	3.27	1.32

<b>Water Year 2010</b>	
<b>Mean</b>	2.09
<b>High</b>	-0.44
<b>Low</b>	5.47

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