

Water-Data Report 2008

354418076463601 Local number WS-100 (NC-158) near Hoke, NC (Surficial)

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

LOCATION.--Lat 35°44'20", long 76°46'31" referenced to North American Datum of 1983, Washington County, NC, Hydrologic Unit 03020104, 2.4 mi west of North Carolina Highway 32 on Secondary Road 1101. Owner: U.S. Geological Survey.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Drilled observation well, depth 15 ft, diameter 4 in., screened interval from 10 to 15 ft.

DATUM.--Land-surface datum is 35 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of instrument shelf, 2.49 ft above land-surface datum, December 16, 1986, to present.

PERIOD OF RECORD.--December 1986 to current year.

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

REMARKS.--Well is part of climatic-effects network. Data from October 1, 2007 to February 6, 2008 found to be unreliable and is not published.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.50 ft below land-surface datum, March 2, 3, 1994; lowest water level recorded, 6.51 ft below land-surface datum, October 17, 1997.

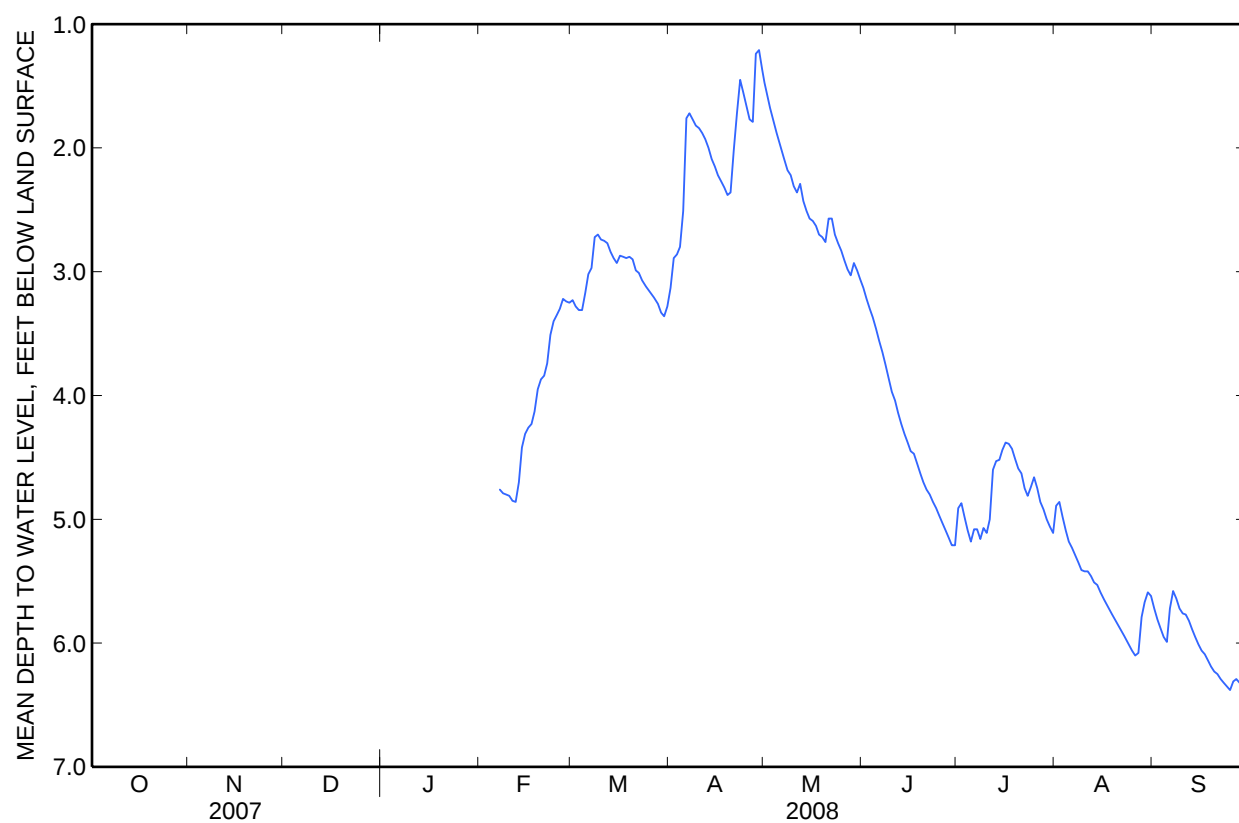
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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	3.23	3.13	1.51	3.13	4.91	4.89	5.72
2	---	---	---	---	---	3.28	2.89	1.62	3.22	4.87	4.86	5.81
3	---	---	---	---	---	3.31	2.86	1.73	3.30	4.98	4.98	5.88
4	---	---	---	---	---	3.31	2.80	1.83	3.37	5.09	5.09	5.95
5	---	---	---	---	---	3.17	2.51	1.92	3.46	5.18	5.18	5.99
6	---	---	---	---	---	3.02	1.76	2.00	3.56	5.08	5.23	5.72
7	---	---	---	---	4.76	2.97	1.72	2.10	3.65	5.08	5.29	5.58
8	---	---	---	---	4.79	2.72	1.77	2.18	3.75	5.16	5.35	5.64
9	---	---	---	---	4.80	2.70	1.82	2.22	3.86	5.07	5.41	5.72
10	---	---	---	---	4.81	2.74	1.84	2.31	3.97	5.11	5.42	5.76
11	---	---	---	---	4.85	2.75	1.88	2.36	4.04	5.00	5.42	5.77
12	---	---	---	---	4.86	2.77	1.93	2.29	4.14	4.60	5.46	5.82
13	---	---	---	---	4.70	2.84	2.00	2.43	4.23	4.53	5.51	5.89
14	---	---	---	---	4.42	2.89	2.09	2.51	4.31	4.52	5.53	5.95
15	---	---	---	---	4.31	2.93	2.15	2.57	4.38	4.44	5.59	6.01
16	---	---	---	---	4.26	2.87	2.22	2.59	4.45	4.38	5.64	6.06
17	---	---	---	---	4.23	2.88	2.27	2.63	4.47	4.39	5.69	6.09
18	---	---	---	---	4.13	2.89	2.32	2.70	4.55	4.43	5.74	6.14
19	---	---	---	---	3.95	2.88	2.38	2.72	4.63	4.51	5.78	6.19
20	---	---	---	---	3.87	2.90	2.36	2.76	4.70	4.59	5.83	6.23
21	---	---	---	---	3.84	2.99	2.02	2.57	4.76	4.63	5.87	6.25
22	---	---	---	---	3.74	3.01	1.72	2.57	4.80	4.75	5.92	6.29
23	---	---	---	---	3.51	3.07	1.45	2.70	4.86	4.81	5.97	6.32
24	---	---	---	---	3.40	3.11	1.55	2.77	4.91	4.74	6.01	6.35
25	---	---	---	---	3.35	3.15	1.66	2.83	4.97	4.66	6.06	6.38
26	---	---	---	---	3.30	3.18	1.77	2.91	5.03	4.75	6.10	6.31
27	---	---	---	---	3.22	3.22	1.79	2.98	5.09	4.86	6.08	6.29
28	---	---	---	---	3.24	3.26	1.24	3.03	5.15	4.92	5.79	6.32
29	---	---	---	---	3.25	3.33	1.21	2.93	5.21	5.00	5.67	6.35
30	---	---	---	---	---	3.36	1.37	2.99	5.21	5.06	5.59	6.38
31	---	---	---	---	---	3.28	---	3.06	---	5.11	5.62	---
Mean	---	---	---	---	4.07	3.03	2.02	2.46	4.31	4.81	5.57	6.04
Max	---	---	---	---	4.86	3.36	3.13	3.06	5.21	5.18	6.10	6.38
Min	---	---	---	---	3.22	2.70	1.21	1.51	3.13	4.38	4.86	5.58

Water Year 2008	
Mean	4.04
High	1.21
Low	6.38

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