



Water-Data Report 2008

**353219077153801 Local number PI-532 (NC-160), near Simpson, NC (Surficial)**

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

LOCATION.--Lat 35°32'18", long 77°15'41" referenced to North American Datum of 1983, Pitt County, NC, Hydrologic Unit 03020103, 2.7 mi southwest of Simpson at intersection of Secondary Roads 1755 and 1769. Owner: U.S. Geological Survey.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Bored observation well, augered to 12 ft, diameter 6 in., cased to 5.9 ft, screened interval from 5.9 to 10.9 ft.

DATUM.--Land-surface datum is 56.27 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of instrument shelf, 3.72 ft above land-surface datum, October 1, 2001 to present.

PERIOD OF RECORD.--December 1976 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.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.55 ft below land-surface datum, September 16, 1999; lowest water level recorded, 8.97 ft below land-surface datum, October 23, 24, 2007.

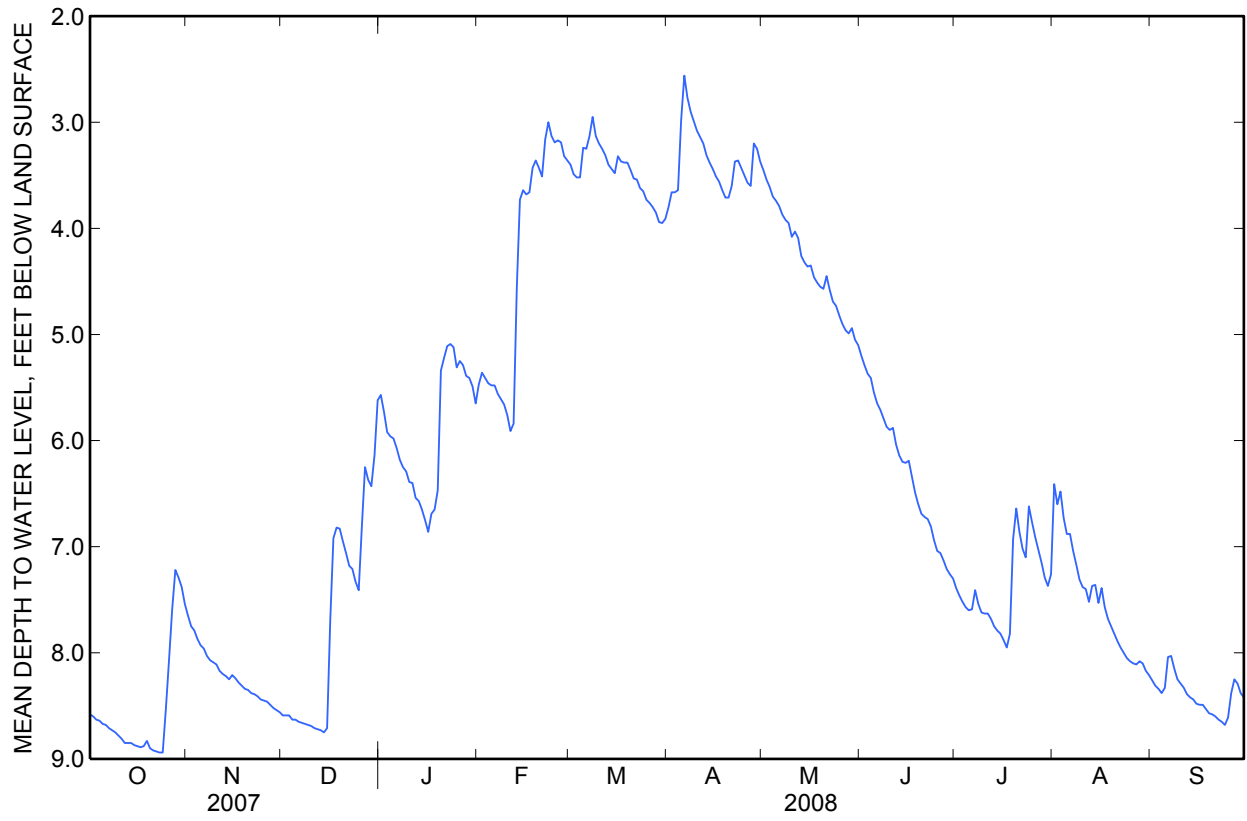
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**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.58	7.65	8.59	5.57	5.47	3.40	3.80	3.45	5.20	7.39	6.41	8.26
2	8.60	7.75	8.59	5.73	5.36	3.49	3.66	3.54	5.29	7.46	6.60	8.31
3	8.63	7.79	8.59	5.92	5.41	3.52	3.66	3.61	5.37	7.52	6.48	8.34
4	8.64	7.87	8.63	5.96	5.46	3.52	3.64	3.70	5.41	7.57	6.73	8.38
5	8.67	7.93	8.63	5.98	5.48	3.24	2.98	3.74	5.55	7.60	6.88	8.33
6	8.68	7.96	8.65	6.07	5.48	3.25	2.56	3.79	5.65	7.59	6.88	8.04
7	8.71	8.03	8.66	6.18	5.56	3.13	2.77	3.87	5.71	7.41	7.04	8.03
8	8.73	8.07	8.67	6.25	5.61	2.95	2.90	3.92	5.79	7.54	7.17	8.15
9	8.75	8.09	8.68	6.29	5.66	3.13	2.99	3.95	5.87	7.62	7.31	8.25
10	8.78	8.11	8.69	6.39	5.76	3.20	3.08	4.08	5.90	7.63	7.38	8.29
11	8.81	8.17	8.71	6.40	5.91	3.25	3.14	4.03	5.88	7.63	7.40	8.33
12	8.85	8.20	8.72	6.54	5.84	3.31	3.20	4.09	6.04	7.68	7.52	8.39
13	8.85	8.22	8.73	6.57	4.57	3.40	3.31	4.26	6.14	7.75	7.37	8.42
14	8.85	8.25	8.75	6.65	3.73	3.44	3.38	4.32	6.20	7.79	7.36	8.44
15	8.87	8.21	8.71	6.75	3.64	3.48	3.44	4.36	6.21	7.82	7.53	8.48
16	8.88	8.24	7.69	6.86	3.68	3.32	3.51	4.35	6.19	7.88	7.39	8.49
17	8.89	8.28	6.92	6.69	3.66	3.37	3.56	4.46	6.34	7.95	7.57	8.49
18	8.88	8.31	6.82	6.65	3.43	3.38	3.64	4.51	6.49	7.82	7.68	8.53
19	8.83	8.34	6.83	6.47	3.36	3.38	3.71	4.55	6.60	6.93	7.75	8.57
20	8.90	8.35	6.95	5.34	3.43	3.45	3.71	4.57	6.69	6.64	7.82	8.58
21	8.92	8.38	7.06	5.22	3.51	3.53	3.60	4.45	6.72	6.86	7.89	8.60
22	8.93	8.39	7.18	5.11	3.16	3.54	3.37	4.58	6.74	7.02	7.95	8.63
23	8.94	8.41	7.21	5.09	3.00	3.62	3.36	4.69	6.81	7.10	8.00	8.65
24	8.94	8.44	7.33	5.12	3.13	3.65	3.43	4.73	6.94	6.62	8.05	8.68
25	8.53	8.45	7.41	5.31	3.19	3.73	3.50	4.82	7.04	6.77	8.08	8.61
26	8.07	8.46	6.81	5.25	3.17	3.76	3.57	4.90	7.06	6.91	8.10	8.38
27	7.59	8.49	6.25	5.29	3.19	3.80	3.60	4.96	7.13	7.03	8.11	8.25
28	7.22	8.52	6.37	5.39	3.32	3.85	3.20	4.99	7.21	7.15	8.08	8.29
29	7.29	8.54	6.43	5.41	3.36	3.94	3.25	4.94	7.26	7.29	8.10	8.38
30	7.38	8.56	6.14	5.49	---	3.95	3.37	5.05	7.30	7.37	8.17	8.42
31	7.54	---	5.62	5.65	---	3.91	---	5.10	---	7.26	8.21	---
<b>Mean</b>	8.54	8.22	7.71	5.92	4.33	3.48	3.36	4.33	6.29	7.37	7.52	8.40
<b>Max</b>	8.94	8.56	8.75	6.86	5.91	3.95	3.80	5.10	7.30	7.95	8.21	8.68
<b>Min</b>	7.22	7.65	5.62	5.09	3.00	2.95	2.56	3.45	5.20	6.62	6.41	8.03

Water Year 2008	
<b>Mean</b>	6.30
<b>High</b>	2.56
<b>Low</b>	8.94

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