



Water-Data Report 2010

**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.

**GROUNDWATER 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 (levels by Soil Conservation Service). Measuring point: 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 and 24, 2007.

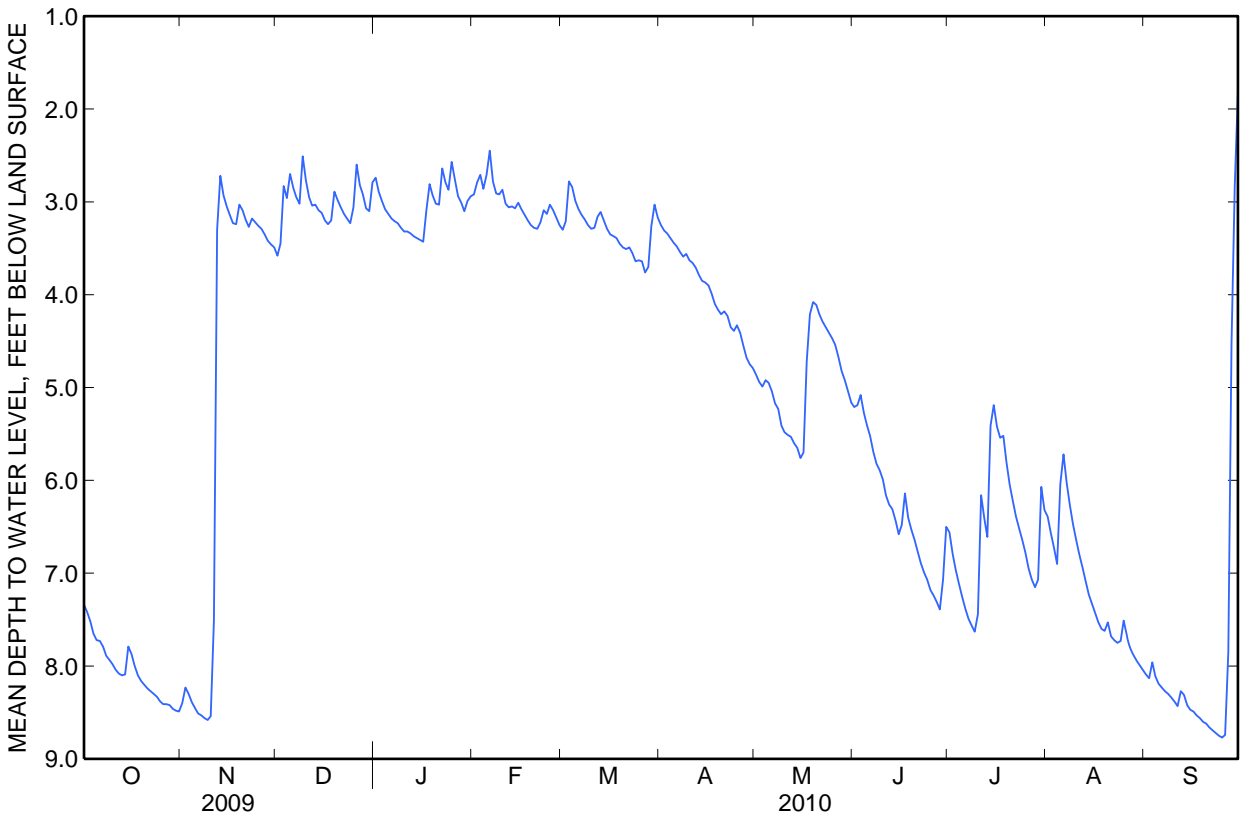
## 353219077153801 Local number PI-532 (NC-160), near Simpson, NC (Surficial)—Continued

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

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.34	8.40	3.58	2.74	2.92	3.30	3.25	4.86	5.21	6.56	6.39	8.09
2	7.42	8.23	3.45	2.89	2.79	3.21	3.31	4.94	5.19	6.79	6.57	8.13
3	7.52	8.30	2.83	2.99	2.71	2.78	3.34	4.99	5.08	6.96	6.73	7.96
4	7.65	8.39	2.96	3.08	2.86	2.84	3.39	4.92	5.27	7.11	6.90	8.11
5	7.72	8.45	2.70	3.13	2.71	2.99	3.44	4.95	5.41	7.25	6.04	8.19
6	7.73	8.51	2.85	3.18	2.45	3.08	3.48	5.04	5.52	7.38	5.72	8.23
7	7.79	8.53	2.95	3.21	2.78	3.14	3.54	5.17	5.69	7.49	6.03	8.27
8	7.89	8.56	3.02	3.23	2.91	3.19	3.59	5.23	5.82	7.56	6.27	8.30
9	7.93	8.58	2.51	3.28	2.92	3.25	3.56	5.41	5.89	7.63	6.47	8.34
10	7.98	8.54	2.77	3.32	2.87	3.29	3.63	5.48	5.99	7.44	6.64	8.38
11	8.04	7.51	2.95	3.32	3.02	3.28	3.66	5.51	6.16	6.16	6.80	8.43
12	8.08	3.30	3.04	3.34	3.06	3.16	3.71	5.53	6.26	6.41	6.94	8.27
13	8.10	2.72	3.03	3.37	3.05	3.11	3.79	5.60	6.31	6.61	7.09	8.31
14	8.09	2.93	3.09	3.39	3.07	3.20	3.85	5.65	6.43	5.41	7.23	8.42
15	7.79	3.05	3.12	3.41	3.01	3.29	3.87	5.76	6.58	5.19	7.33	8.47
16	7.87	3.14	3.20	3.43	3.08	3.35	3.90	5.70	6.48	5.42	7.43	8.49
17	8.00	3.23	3.24	3.09	3.14	3.37	3.99	4.72	6.14	5.54	7.53	8.53
18	8.10	3.24	3.20	2.81	3.20	3.39	4.10	4.21	6.40	5.52	7.60	8.56
19	8.16	3.03	2.89	2.93	3.25	3.45	4.16	4.08	6.53	5.80	7.62	8.60
20	8.20	3.09	2.98	3.02	3.28	3.49	4.21	4.11	6.64	6.04	7.53	8.62
21	8.24	3.19	3.06	3.03	3.29	3.51	4.18	4.21	6.77	6.22	7.68	8.66
22	8.27	3.27	3.13	2.64	3.22	3.49	4.23	4.29	6.89	6.39	7.72	8.69
23	8.30	3.18	3.18	2.79	3.09	3.55	4.35	4.35	6.99	6.52	7.75	8.72
24	8.33	3.22	3.23	2.87	3.13	3.64	4.39	4.41	7.07	6.64	7.73	8.75
25	8.38	3.26	3.06	2.57	3.03	3.63	4.33	4.47	7.18	6.78	7.51	8.77
26	8.41	3.29	2.60	2.76	3.09	3.64	4.41	4.54	7.24	6.95	7.67	8.74
27	8.41	3.35	2.82	2.94	3.17	3.76	4.55	4.67	7.31	7.07	7.80	7.85
28	8.42	3.42	2.92	3.01	3.25	3.70	4.68	4.82	7.39	7.15	7.88	4.53
29	8.46	3.46	3.07	3.10	---	3.26	4.75	4.92	7.07	7.07	7.94	2.84
30	8.48	3.49	3.10	2.99	---	3.03	4.79	5.04	6.50	6.07	7.99	1.83
31	8.49	---	2.79	2.94	---	3.17	---	5.16	---	6.32	8.04	---
<b>Mean</b>	8.05	5.10	3.01	3.06	3.01	3.31	3.95	4.93	6.31	6.56	7.18	7.87
<b>Max</b>	8.49	8.58	3.58	3.43	3.29	3.76	4.79	5.76	7.39	7.63	8.04	8.77
<b>Min</b>	7.34	2.72	2.51	2.57	2.45	2.78	3.25	4.08	5.08	5.19	5.72	1.83

Water Year 2010	
<b>Mean</b>	5.21
<b>High</b>	1.83
<b>Low</b>	8.77

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



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

