

Water-Data Report 2013

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 55.02 ft above National American Vertical Datum of 1988. 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 NCDENR groundwater network and measured as part of the National Water Quality Assessment (NAWQA) Program.

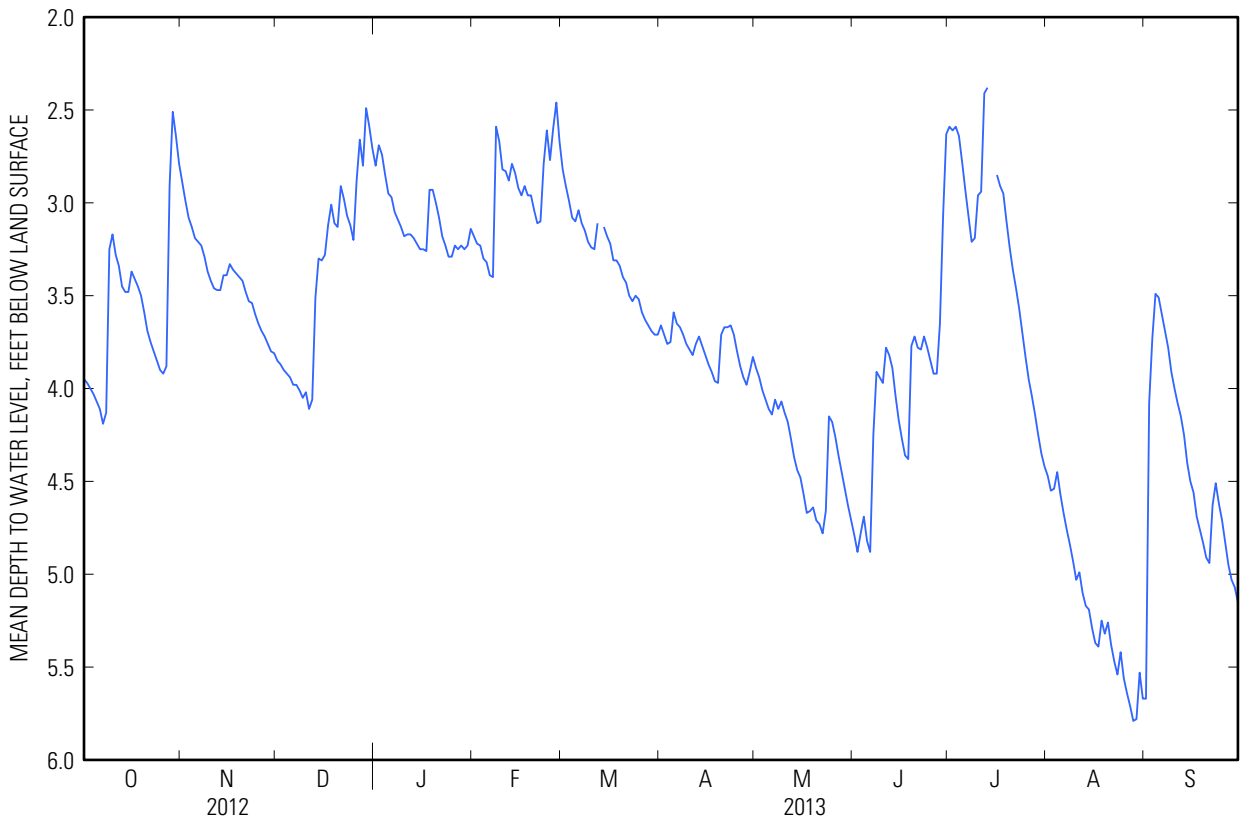
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.55 ft below land-surface datum, September 16, 1999; lowest water level recorded, 8.97 ft below land-surface datum, October 23, 24, 2007.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.95	2.89	3.85	2.80	3.18	2.82	3.66	3.89	4.79	2.59	4.47	5.67
2	3.97	2.99	3.87	2.69	3.22	2.91	3.71	3.94	4.88	2.61	4.55	4.08
3	4.00	3.08	3.90	2.74	3.23	2.99	3.76	4.01	4.78	2.59	4.54	3.73
4	4.03	3.13	3.92	2.85	3.30	3.08	3.75	4.06	4.69	2.64	4.45	3.49
5	4.07	3.19	3.94	2.95	3.32	3.10	3.59	4.11	4.82	2.78	4.57	3.51
6	4.11	3.21	3.98	2.97	3.39	3.04	3.65	4.14	4.88	2.93	4.67	3.60
7	4.19	3.23	3.98	3.05	3.40	3.11	3.67	4.06	4.25	3.07	4.76	3.69
8	4.13	3.29	4.01	3.09	2.59	3.15	3.71	4.11	3.91	3.21	4.84	3.78
9	3.25	3.37	4.05	3.13	2.67	3.21	3.76	4.07	3.94	3.19	4.93	3.91
10	3.17	3.42	4.02	3.18	2.82	3.24	3.79	4.13	3.97	2.96	5.03	4.00
11	3.28	3.46	4.11	3.17	2.83	3.25	3.82	4.18	3.78	2.94	4.99	4.08
12	3.34	3.47	4.06	3.17	2.88	3.11	3.76	4.27	3.82	2.41	5.10	4.15
13	3.45	3.47	3.51	3.19	2.79	---	3.72	4.37	3.89	2.38	5.17	4.25
14	3.48	3.39	3.30	3.22	2.84	3.13	3.77	4.44	4.04	---	5.19	4.40
15	3.48	3.39	3.31	3.25	2.92	3.18	3.82	4.48	4.17	---	5.29	4.50
16	3.37	3.33	3.28	3.25	2.96	3.22	3.87	4.57	4.27	2.85	5.37	4.56
17	3.41	3.36	3.12	3.26	2.91	3.31	3.91	4.67	4.36	2.91	5.39	4.69
18	3.45	3.38	3.01	2.93	2.96	3.31	3.96	4.66	4.38	2.95	5.25	4.76
19	3.50	3.40	3.11	2.93	2.96	3.34	3.97	4.64	3.77	3.10	5.32	4.83
20	3.59	3.42	3.13	3.00	3.04	3.40	3.71	4.71	3.72	3.24	5.26	4.91
21	3.69	3.48	2.91	3.08	3.11	3.43	3.67	4.73	3.78	3.36	5.38	4.94
22	3.75	3.53	2.98	3.18	3.10	3.50	3.67	4.78	3.79	3.46	5.47	4.63
23	3.80	3.54	3.07	3.23	2.79	3.53	3.66	4.66	3.72	3.57	5.54	4.51
24	3.85	3.60	3.12	3.29	2.61	3.50	3.71	4.15	3.78	3.70	5.42	4.62
25	3.90	3.65	3.20	3.29	2.77	3.52	3.80	4.18	3.85	3.83	5.56	4.71
26	3.92	3.69	2.88	3.23	2.60	3.59	3.88	4.26	3.92	3.95	5.64	4.83
27	3.88	3.72	2.66	3.25	2.46	3.63	3.94	4.36	3.92	4.04	5.71	4.95
28	2.91	3.76	2.80	3.23	2.67	3.66	3.98	4.45	3.65	4.14	5.79	5.03
29	2.51	3.80	2.49	3.25	---	3.69	3.91	4.54	3.07	4.25	5.78	5.07
30	2.64	3.81	2.59	3.23	---	3.71	3.83	4.63	2.63	4.35	5.53	5.15
31	2.79	---	2.71	3.14	---	3.71	---	4.71	---	4.42	5.67	---
Mean	3.58	3.42	3.38	3.10	2.94	---	3.78	4.35	4.04	---	5.18	4.43
Max	4.19	3.81	4.11	3.29	3.40	---	3.98	4.78	4.88	---	5.79	5.67
Min	2.51	2.89	2.49	2.69	2.46	---	3.59	3.89	2.63	---	4.45	3.49

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