

GROUND-WATER LEVELS

PITT COUNTY

353219077153801. Local number, NC-160; County number, PI-532.

LOCATION.--Lat 35°32'17.8", long 77°15'41.2", Hydrologic Unit 03020103, 2.7 mi southwest of Simpson at intersection of Secondary Roads 1755 and 1769.
Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of post-Miocene age.

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.

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

DATUM.--Land-surface datum is 56.27 ft above NGVD of 1929 (levels by Soil Conservation Service). Measuring point: Top of instrument shelf, 3.72 ft above land-surface datum; revised from 1.04 ft above land-surface datum, Oct. 4, 1990.

REMARKS.--Well is part of climatic-effects network.

PERIOD OF RECORD.--December 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.55 ft below land-surface datum, Sept. 16, 1999; lowest water level recorded, 8.87 ft below land-surface datum, Oct. 10, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.69	6.64	3.69	3.19	3.77	2.69	3.31	3.67	2.77	4.80	3.49	4.70
2	8.72	6.75	3.71	3.10	3.81	2.67	3.37	3.69	2.97	4.47	3.60	4.79
3	8.74	6.86	3.80	3.09	3.83	2.84	3.42	3.72	3.07	3.50	3.67	4.88
4	8.76	6.91	3.83	3.21	3.85	2.91	3.46	3.72	3.11	3.54	3.71	4.89
5	8.78	6.91	3.09	3.25	3.95	2.84	3.52	3.76	3.22	3.64	3.74	4.28
6	8.80	6.23	2.97	3.29	3.94	2.50	3.61	3.49	3.35	3.75	3.71	4.31
7	8.82	5.92	3.07	3.37	3.47	2.53	3.46	3.34	3.34	3.85	3.53	4.36
8	8.84	6.04	3.14	3.37	3.31	2.64	3.27	3.43	3.37	3.96	3.22	4.45
9	8.86	6.10	3.23	3.44	3.31	2.74	2.48	3.51	3.47	4.07	3.01	4.57
10	8.86	6.16	3.20	3.51	3.08	2.88	2.20	3.57	3.57	4.13	2.92	4.68
11	8.57	6.22	3.15	3.57	2.98	2.94	2.40	3.51	3.64	4.12	2.87	4.75
12	6.35	5.57	3.16	3.62	3.08	2.99	2.59	3.64	3.72	4.06	3.01	4.77
13	5.70	4.00	2.99	3.60	3.18	3.02	2.78	3.77	3.78	4.06	3.12	4.82
14	5.82	3.65	2.83	3.64	3.23	3.11	2.92	3.87	3.80	3.70	3.16	4.90
15	5.85	3.62	2.97	3.71	3.23	3.11	2.99	3.92	3.90	3.73	3.20	4.96
16	5.99	3.50	3.07	3.70	3.00	3.08	3.06	3.97	3.96	3.85	3.23	5.09
17	6.26	2.99	3.17	3.68	2.42	3.05	3.16	4.05	3.98	3.60	3.21	5.16
18	6.47	2.98	3.22	3.74	2.63	3.09	3.20	4.04	4.03	3.63	3.28	3.65
19	6.57	3.10	3.21	3.78	2.74	3.18	3.18	3.04	4.10	3.70	3.38	2.51
20	6.68	3.18	3.08	3.81	2.81	2.94	3.23	2.93	4.17	3.82	3.46	2.73
21	6.81	3.20	3.13	3.83	2.85	2.36	3.26	3.05	4.27	3.94	3.56	2.88
22	6.92	3.16	3.18	3.86	2.81	2.61	3.30	3.07	4.37	4.05	3.65	2.96
23	7.03	3.26	3.26	3.88	2.58	2.76	3.42	2.49	4.49	3.70	3.76	2.82
24	7.09	3.31	3.18	3.97	2.78	2.90	3.48	2.40	4.61	2.64	3.89	2.84
25	7.11	3.35	3.00	3.96	2.89	3.00	3.45	2.59	4.70	2.83	3.99	2.98
26	7.14	3.39	3.13	3.93	2.94	3.08	3.40	2.30	4.79	2.99	4.08	3.10
27	7.26	3.44	3.16	4.02	2.80	3.18	3.46	2.32	4.89	3.11	4.20	3.09
28	7.24	3.50	3.20	4.01	2.55	3.20	3.53	2.43	4.98	3.21	4.32	2.83
29	6.98	3.51	3.28	4.01	---	3.23	3.58	2.62	5.04	3.33	4.42	2.98
30	6.46	3.56	3.32	3.98	---	3.23	3.62	2.71	4.96	3.42	4.52	3.12
31	6.49	---	3.33	3.81	---	3.26	---	2.74	---	3.48	4.62	---

WTR YR 2003 MEAN 3.88 HIGH 2.20 LOW 8.86

PITT COUNTY—Continued

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