

GROUND-WATER LEVELS

WASHINGTON COUNTY--Continued

354418076463601. Local number, NC-158; County number, WS-100.

LOCATION.--Lat 35°44'18", long 76°46'36", Hydrologic Unit 03020104, 2.4 mi west of State Highway 32 on Secondary Road 1101.
Owner: U.S. Geological Survey.

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

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

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

DATUM.--Land-surface datum is 35 ft above NGVD of 1929 (from topographic map). Measuring point: Top of instrument shelf, 2.49 ft above land-surface datum.

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

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

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

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.22	5.93	5.95	6.22	3.12	2.85	1.38	2.63	4.01	5.20	4.00	4.21
2	5.27	5.94	5.96	6.23	3.15	2.84	1.40	2.65	4.09	5.24	4.05	4.13
3	5.30	5.96	5.98	6.21	3.17	2.07	1.48	2.72	4.18	5.28	4.11	4.10
4	5.33	5.98	5.99	6.11	3.15	1.80	1.29	2.75	4.27	5.33	4.18	4.09
5	5.37	6.00	6.00	5.98	3.20	1.85	1.33	2.64	4.33	5.36	4.24	4.10
6	5.38	6.02	6.02	5.83	3.21	1.89	1.46	2.64	4.39	5.40	4.32	4.14
7	5.22	6.04	6.04	5.44	2.97	1.91	1.58	2.71	4.27	5.45	4.42	4.17
8	5.22	6.07	6.06	5.24	2.64	1.95	1.66	2.78	4.21	5.49	4.52	4.21
9	5.28	6.09	6.08	5.16	2.62	1.98	1.72	2.85	4.27	5.52	4.61	4.22
10	5.34	6.11	6.09	5.12	2.62	2.00	1.72	2.94	4.38	5.56	4.68	4.20
11	5.39	6.13	6.10	5.09	2.53	2.07	1.68	3.02	4.48	5.17	4.76	4.07
12	5.43	6.14	6.10	5.09	2.52	2.09	1.74	3.07	4.54	4.97	4.83	4.10
13	5.47	6.16	6.10	4.90	2.54	1.89	1.79	3.12	4.60	4.97	4.91	4.15
14	5.50	6.18	6.09	4.73	2.60	1.66	1.79	3.03	4.65	5.02	4.98	4.19
15	5.53	6.19	6.09	4.58	2.63	1.72	1.83	3.04	4.65	5.06	5.02	4.18
16	5.55	6.21	6.10	4.48	2.60	1.79	1.91	3.13	4.72	5.11	5.02	4.13
17	5.58	6.23	6.11	4.41	2.61	1.83	1.99	3.20	4.78	5.19	5.07	3.75
18	5.61	6.24	6.11	4.35	2.69	1.79	2.06	3.22	4.83	5.26	5.12	3.68
19	5.63	6.26	6.09	4.30	2.73	1.84	2.12	3.15	4.87	5.33	5.18	3.70
20	5.65	6.27	6.08	4.05	2.74	1.86	1.93	3.16	4.91	5.26	5.24	3.74
21	5.68	6.29	6.09	3.85	2.65	1.78	1.96	3.24	4.96	4.97	5.28	3.78
22	5.70	6.30	6.11	3.74	2.58	1.71	2.05	3.31	4.98	4.85	5.33	3.80
23	5.72	6.31	6.12	3.62	2.61	1.80	2.18	3.36	4.91	4.84	5.38	3.80
24	5.74	6.21	6.13	3.30	2.66	1.88	2.28	3.42	4.94	4.85	5.44	3.82
25	5.77	5.96	6.14	3.20	2.71	1.94	2.30	3.49	5.01	4.84	5.49	3.85
26	5.79	5.91	6.15	3.17	2.71	1.97	2.34	3.56	5.07	4.39	5.49	3.78
27	5.82	5.91	6.16	3.14	2.73	1.72	2.42	3.64	5.11	4.03	5.14	3.66
28	5.84	5.91	6.17	3.13	2.80	1.57	2.44	3.71	5.10	3.92	5.00	3.67
29	5.86	5.92	6.18	3.11	---	1.65	2.51	3.78	5.10	3.91	4.94	3.71
30	5.89	5.93	6.21	3.11	---	1.73	2.60	3.86	5.15	3.92	4.81	3.77
31	5.91	---	6.21	3.13	---	1.68	---	3.93	---	3.96	4.42	---

WTR YR 2002 MEAN 4.21 HIGH 1.29 LOW 6.31

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