

GROUND-WATER LEVELS

PITT COUNTY--Continued

353146077193403. Local number, NC-184; DENR Conley Research Station well N23p3; County number, PI-536.

LOCATION.--Lat 35°31'46", long 77°19'34", Hydrologic Unit 03020203, 0.2 mi west of State Highway 43 on Secondary Road 1711 at Conley High School, and 6 mi southeast of Greenville. Owner: DENR (North Carolina Department of Environment and Natural Resources).

AQUIFER.--Peedee aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 132 ft, diameter 4 in., cased to 122 ft, screened interval from 122 to 132 ft.

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

DATUM.--Land-surface datum is 69 ft above sea level (from topographic map). Measuring point: Top of instrument shelf, 3.63 ft above land-surface datum.

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

PERIOD OF RECORD.--June 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 17.84 ft below land-surface datum, May 24, 1989; lowest water level recorded, 23.15 ft below land-surface datum, Oct. 6, 1993.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.56	19.85	20.33	19.99	20.07	19.90	19.38	19.62	20.53	20.32	21.08	21.94
2	19.52	19.87	20.34	20.01	20.07	19.85	19.42	19.64	20.46	20.36	21.22	22.00
3	19.51	19.89	20.30	20.00	20.12	19.86	19.41	19.69	20.50	20.40	21.31	22.04
4	19.51	19.90	20.27	19.96	20.11	19.80	19.42	19.71	20.57	20.39	21.39	22.07
5	19.50	19.91	20.23	19.92	20.03	19.76	19.43	19.72	20.60	20.37	21.50	22.12
6	19.47	19.95	20.23	19.93	20.06	19.76	19.38	19.78	20.60	20.48	21.59	22.17
7	19.50	19.98	20.21	19.97	20.10	19.80	19.36	19.84	20.60	20.55	21.82	22.20
8	19.50	20.00	20.21	19.95	20.13	19.82	19.34	19.86	20.60	20.51	21.99	22.12
9	19.50	19.98	20.26	19.99	20.09	19.78	19.32	19.86	20.61	20.48	22.15	22.01
10	19.50	19.98	20.24	20.04	20.06	19.81	19.32	19.89	20.63	20.51	22.36	22.05
11	19.50	20.05	20.21	20.04	20.13	19.81	19.36	19.92	20.65	20.53	22.68	22.03
12	19.51	20.11	20.17	20.03	20.13	19.79	19.35	19.93	20.65	20.59	22.54	22.07
13	19.51	20.13	20.25	20.06	20.10	19.70	19.34	19.98	20.67	20.62	22.44	22.06
14	19.51	20.11	20.17	20.07	20.06	19.73	19.35	20.03	20.59	20.64	22.26	22.07
15	19.50	20.15	20.19	20.04	20.03	19.71	19.33	20.04	20.47	20.69	22.27	22.06
16	19.50	20.19	20.12	20.05	20.03	19.71	19.32	20.06	20.47	20.75	22.29	21.96
17	19.54	20.17	20.02	20.08	20.01	19.73	19.36	20.12	20.48	20.81	22.29	22.03
18	19.55	20.25	20.08	20.07	20.09	19.75	19.39	20.14	20.49	20.84	22.15	22.02
19	19.59	20.24	20.01	20.03	20.09	19.78	19.45	20.15	20.49	20.88	21.98	22.06
20	19.63	20.21	20.04	20.00	20.06	19.74	19.47	20.19	20.45	20.93	21.88	22.04
21	19.64	20.24	20.05	20.08	20.03	19.54	19.50	20.21	20.41	20.99	21.80	22.07
22	19.67	20.28	20.01	20.12	20.01	19.55	19.51	20.23	20.36	21.01	21.75	22.06
23	19.72	20.30	20.06	20.06	20.01	19.60	19.50	20.27	20.33	21.03	21.69	21.98
24	19.71	20.32	20.02	20.05	20.05	19.59	19.49	20.32	20.34	21.05	21.63	22.02
25	19.71	20.27	20.04	20.06	19.98	19.59	19.50	20.37	20.35	21.07	21.62	21.99
26	19.72	20.21	20.03	20.09	19.95	19.58	19.51	20.40	20.36	21.08	21.59	22.06
27	19.70	20.23	19.97	20.05	19.98	19.60	19.52	20.39	20.35	21.07	21.55	22.04
28	19.73	20.27	19.92	20.11	19.93	19.59	19.55	20.43	20.33	21.08	21.64	22.09
29	19.79	20.29	19.92	20.09	---	19.50	19.63	20.44	20.31	21.04	21.77	22.10
30	19.80	20.29	19.91	20.01	---	19.41	19.64	20.48	20.31	21.00	21.85	22.02
31	19.82	---	19.95	20.01	---	19.41	---	20.53	---	21.05	21.89	---

WTR YR 2001 MEAN 20.36 HIGH 19.32 LOW 22.68

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