

GROUND-WATER LEVELS

SCOTLAND COUNTY

345812079313401. Local number, NC-194; County number, SC-080.

LOCATION.--Lat 34°58'17", long 79°31'41", Hydrologic Unit 03040204, in Sandhills Game Management Area, 0.15 mi west of Secondary Road 1328, 3.4 mi east of Marston, 4.8 mi south of Hoffman, and 6.1 mi southwest of Silver Hill. Owner: U.S. Geological Survey.

AQUIFER.--Unconfined sands in the upper Black Creek aquifer.

WELL CHARACTERISTICS.--Drilled observation well, depth 35.6 ft, diameter 4 in., cased to 30.5 ft, screened interval from 30.6 to 35.6 ft. Annular space filled with native clayey sand from 0 to 30 ft below land surface.

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

DATUM.--Land-surface datum is 433 ft above NGVD of 1929 (from topographic map). Measuring point: Shelter floor, 2.93 ft above land-surface datum.

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

PERIOD OF RECORD.--September 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 28.28 ft below land-surface datum, May 7-12, 1998; lowest water level recorded, 34.45 ft below land-surface datum, Feb. 27, 2002.

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	33.21	33.36	33.64	34.01	34.11	34.29	33.86	33.68	33.30	33.58	33.93	34.18
2	33.24	33.34	33.70	33.96	34.15	34.10	33.86	33.65	33.30	33.59	33.94	34.21
3	33.23	33.34	33.74	33.89	34.10	34.08	33.85	33.64	33.31	33.60	33.96	34.22
4	33.23	33.40	33.75	34.00	34.16	34.24	33.93	33.64	33.31	33.60	33.97	34.23
5	33.21	33.43	33.73	33.96	34.27	34.26	33.88	33.66	33.31	33.63	33.98	34.24
6	33.20	33.52	33.67	33.87	34.16	34.15	33.94	33.63	33.31	33.63	34.00	34.26
7	33.32	33.50	33.67	33.96	34.10	34.12	33.94	33.67	33.30	33.65	34.06	34.27
8	33.34	33.47	33.68	33.99	34.21	34.12	33.84	33.56	33.34	33.68	34.09	34.27
9	33.31	33.51	33.75	33.96	34.23	34.05	33.80	33.54	33.34	33.68	34.10	34.27
10	33.25	33.43	33.76	33.96	34.13	34.08	33.79	33.52	33.35	33.68	34.10	34.28
11	33.23	33.49	33.76	33.96	34.17	34.14	33.81	33.51	33.36	33.67	34.09	34.30
12	33.23	33.54	33.73	33.94	34.16	34.02	33.78	33.50	33.36	33.71	34.10	34.36
13	33.25	33.51	33.68	33.99	34.24	34.00	33.78	33.48	33.36	33.72	34.11	34.34
14	33.22	33.44	33.69	33.99	34.28	34.01	33.77	33.52	33.37	33.71	34.09	34.28
15	33.29	33.42	33.78	34.00	34.17	34.00	33.77	33.54	33.38	33.71	34.06	34.29
16	33.29	33.52	33.80	34.04	34.14	33.99	33.77	33.49	33.43	33.73	34.08	34.30
17	33.40	33.62	33.71	33.98	34.26	33.98	33.77	33.43	33.45	33.76	34.09	34.30
18	33.38	33.60	33.77	34.02	34.33	33.97	33.76	33.40	33.45	33.78	34.11	34.30
19	33.30	33.54	33.82	34.03	34.23	33.97	33.76	33.47	33.44	33.80	34.10	34.30
20	33.31	33.59	33.91	34.12	34.14	33.94	33.76	33.47	33.45	33.81	34.11	34.32
21	33.31	33.69	33.92	34.10	34.15	33.93	33.76	33.46	33.48	33.81	34.10	34.33
22	33.28	33.69	33.90	34.17	34.17	34.05	33.76	33.44	33.47	33.82	34.11	34.34
23	33.28	33.65	33.79	34.07	34.24	34.03	33.81	33.39	33.47	33.82	34.15	34.35
24	33.28	33.59	33.82	34.06	34.27	33.98	33.78	33.38	33.48	33.84	34.16	34.37
25	33.30	33.58	33.88	34.13	34.20	33.95	33.74	33.38	33.49	33.84	34.15	34.37
26	33.42	33.59	33.88	34.10	34.13	33.89	33.84	33.37	33.50	33.86	34.15	34.36
27	33.50	33.61	33.94	34.08	34.28	33.91	33.75	33.35	33.51	33.87	34.15	34.37
28	33.47	33.62	33.92	34.08	34.32	33.95	33.70	33.34	33.53	33.89	34.15	34.36
29	33.43	33.62	33.92	34.10	---	33.89	33.72	33.32	33.55	33.91	34.15	34.39
30	33.40	33.59	33.98	34.11	---	33.85	33.78	33.30	33.57	33.92	34.16	34.36
31	33.41	---	33.94	34.12	---	33.84	---	33.30	---	33.94	34.16	---

WTR YR 2002 MEAN 33.81 HIGH 33.20 LOW 34.39

SCOTLAND COUNTY--Continued

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