

GROUND-WATER LEVELS

SCOTLAND COUNTY

344520079281001. County number, SC-040; Laurinburg well 4.

LOCATION.--Lat 34°45'18", long 79°28'02", Hydrologic Unit 03040204, in Laurinburg off Willow Drive. Owner: City of Laurinburg.

AQUIFER.--Black Creek aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused supply well, depth 240 ft, diameter 10 and 8 in., screened intervals 70 to 106 ft, 150 to 165 ft, 185 to 195 ft, 200 to 205 ft, and 217 to 224 ft (reported by driller).

INSTRUMENTATION.--Pressure transducer recording data at 15-minute intervals.

DATUM.--Land-surface datum is 210 ft above NGVD of 1929 (from topographic map). Measuring point: Top of instrument shelf, 1.5 ft above land-surface datum (since July 2000).

REMARKS.--Station operated in cooperation with the City of Laurinburg. Water levels affected by nearby municipal wells.

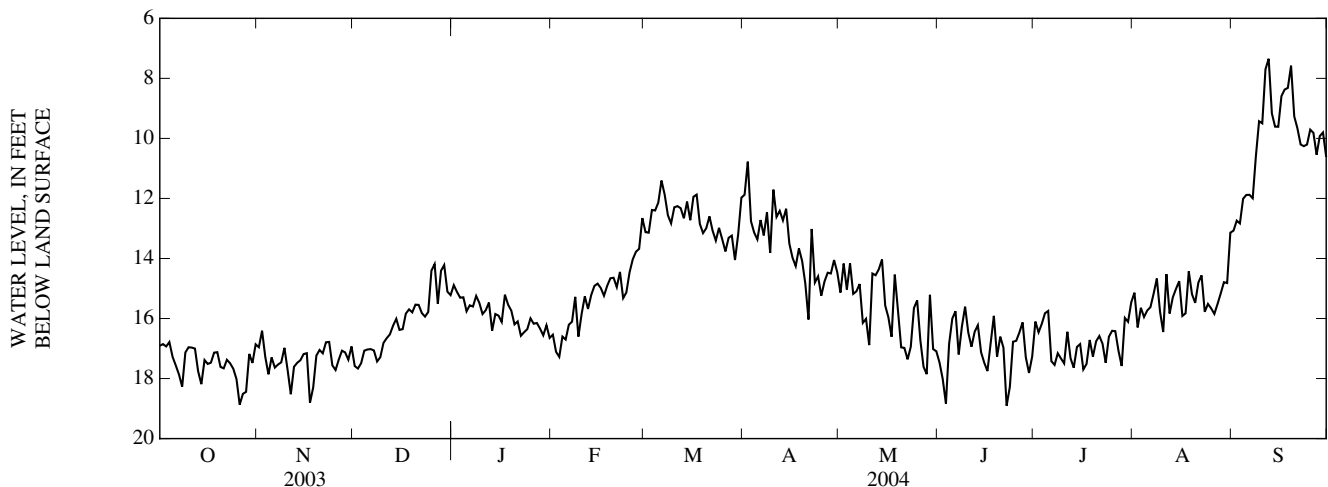
PERIOD OF RECORD.--July 1969 to current year. Continuous record December 2000 to November 2004, April 2005 to September 2005.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 5.94 ft below land-surface datum, July 10, 2005; lowest water level recorded, 21.83 ft below land-surface datum, June 3, 2004.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.91	16.96	17.58	14.89	16.54	13.12	11.88	15.14	17.47	16.10	15.14	13.07
2	16.85	16.41	17.67	15.12	17.11	13.14	10.78	14.17	18.02	16.46	16.30	12.74
3	16.93	17.28	17.49	15.31	17.28	12.38	12.76	15.03	18.84	16.18	15.64	12.83
4	16.78	17.86	17.07	15.29	16.60	12.40	13.14	14.17	16.85	15.83	15.95	12.01
5	17.27	17.30	17.03	15.76	16.70	12.14	13.36	15.18	16.00	15.75	15.73	11.88
6	17.56	17.63	17.02	15.56	16.21	11.40	12.72	15.09	15.76	17.42	15.62	11.88
7	17.86	17.53	17.06	15.60	16.11	11.88	13.23	14.85	17.20	17.55	15.17	11.99
8	18.27	17.46	17.43	15.25	15.28	12.56	12.46	16.14	16.26	17.16	14.67	10.58
9	17.13	16.98	17.29	15.48	16.60	12.83	13.82	16.01	15.61	17.33	15.78	9.43
10	16.96	17.71	16.81	15.85	15.85	12.29	11.71	16.89	16.47	17.50	16.45	9.50
11	16.97	18.52	16.66	15.72	15.26	12.26	12.61	14.50	16.94	16.44	14.52	7.70
12	17.00	17.61	16.53	15.47	15.68	12.33	12.41	14.56	16.44	17.32	15.83	7.35
13	17.76	17.48	16.24	16.40	15.22	12.66	12.73	14.36	16.22	17.64	15.30	9.17
14	18.19	17.39	16.01	15.85	14.91	12.11	12.34	14.04	17.12	16.95	15.01	9.61
15	17.38	17.18	16.38	15.90	14.84	12.73	13.50	15.57	17.48	16.85	14.76	9.61
16	17.51	17.16	16.36	16.11	14.98	11.94	13.98	15.96	17.75	17.70	15.92	8.59
17	17.47	18.81	15.84	15.21	15.24	11.87	14.26	16.61	16.82	17.52	15.83	8.37
18	17.14	18.30	15.70	15.54	14.91	12.85	13.67	14.54	15.91	16.71	14.43	8.32
19	17.12	17.23	15.80	15.74	14.66	13.15	14.08	15.74	17.27	17.27	15.19	7.58
20	17.61	17.05	15.54	16.20	14.64	12.99	14.84	16.96	16.60	16.76	15.48	9.27
21	17.66	17.16	15.55	16.10	14.95	12.60	16.03	16.98	16.97	16.58	14.80	9.67
22	17.37	16.79	15.82	16.58	14.45	13.08	13.02	17.36	18.90	16.84	14.56	10.20
23	17.49	16.78	15.94	16.46	15.32	13.40	14.80	16.95	18.28	17.48	15.78	10.26
24	17.67	17.56	15.78	16.35	15.13	12.98	14.60	15.65	16.77	16.61	15.51	10.20
25	18.02	17.72	14.41	16.00	14.46	13.36	15.24	15.40	16.74	16.41	15.66	9.71
26	18.87	17.37	14.19	16.17	14.03	13.77	14.77	16.73	16.46	16.42	15.85	9.81
27	18.51	17.07	15.51	16.15	13.78	13.31	14.47	17.61	16.13	17.08	15.51	10.54
28	18.44	17.13	14.41	16.34	13.68	13.24	14.50	17.85	17.29	17.58	15.16	9.92
29	17.18	17.37	14.22	16.56	12.65	14.05	14.05	15.21	17.81	15.98	14.79	9.80
30	17.48	16.93	15.11	16.23	---	13.19	14.46	17.02	17.26	16.11	14.82	10.62
31	16.86	---	15.22	16.65	---	11.97	---	17.09	---	15.46	13.14	---

WTR YR 2004 MEAN 15.29 HIGH 7.35 LOW 18.90



GROUND-WATER LEVELS

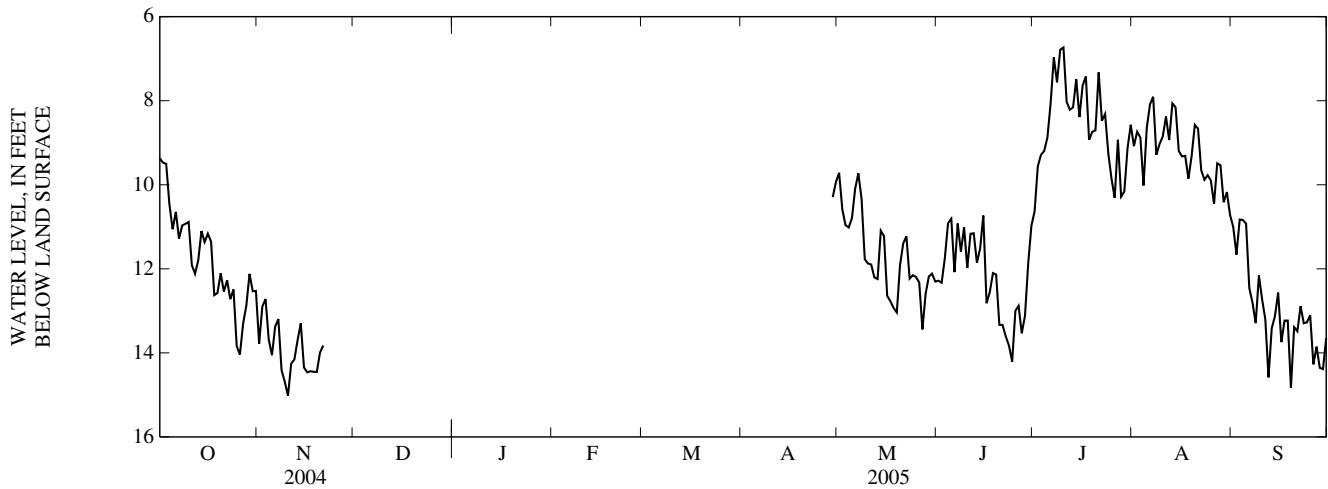
SCOTLAND COUNTY—Continued

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.37	13.78	---	---	---	---	---	9.72	12.28	10.63	9.08	11.01
2	9.47	12.90	---	---	---	---	---	10.59	12.33	9.56	8.74	11.66
3	9.50	12.72	---	---	---	---	---	10.96	11.74	9.29	8.88	10.83
4	10.47	13.69	---	---	---	---	---	11.02	10.91	9.20	10.02	10.84
5	11.06	14.06	---	---	---	---	---	10.79	10.81	8.87	8.65	10.93
6	10.64	13.37	---	---	---	---	---	10.09	12.08	8.06	8.09	12.45
7	11.28	13.20	---	---	---	---	---	9.73	10.92	6.97	7.91	12.80
8	10.97	14.41	---	---	---	---	---	10.33	11.59	7.56	9.29	13.29
9	10.93	14.69	---	---	---	---	---	11.77	11.02	6.79	9.03	12.16
10	10.89	15.02	---	---	---	---	---	11.87	11.98	6.73	8.85	12.73
11	11.91	14.26	---	---	---	---	---	11.90	11.17	8.03	8.38	13.20
12	12.12	14.16	---	---	---	---	---	12.20	11.15	8.22	8.94	14.58
13	11.80	13.70	---	---	---	---	---	12.24	11.86	8.16	8.07	13.42
14	11.10	13.30	---	---	---	---	---	11.09	11.52	7.49	8.16	13.13
15	11.36	14.35	---	---	---	---	---	11.22	10.73	8.39	9.20	12.57
16	11.16	14.46	---	---	---	---	---	12.64	12.82	7.64	9.33	13.74
17	11.35	14.44	---	---	---	---	---	12.77	12.56	7.42	9.31	13.23
18	12.63	14.45	---	---	---	---	---	12.93	12.10	8.93	9.85	13.23
19	12.57	14.45	---	---	---	---	---	13.04	12.13	8.74	9.32	14.83
20	12.11	13.99	---	---	---	---	---	11.92	13.33	8.71	8.57	13.39
21	12.54	13.83	---	---	---	---	---	11.40	13.34	7.33	8.66	13.49
22	12.28	---	---	---	---	---	---	11.22	13.61	8.48	9.66	12.89
23	12.72	---	---	---	---	---	---	12.23	13.83	8.32	9.88	13.30
24	12.49	---	---	---	---	---	---	12.15	14.21	9.26	9.77	13.27
25	13.84	---	---	---	---	---	---	12.19	13.00	9.85	9.89	13.10
26	14.04	---	---	---	---	---	---	12.33	12.88	10.31	10.46	14.27
27	13.31	---	---	---	---	---	---	13.44	13.53	8.93	9.49	13.85
28	12.88	---	---	---	---	---	---	12.59	13.12	10.28	9.54	14.36
29	12.12	---	---	---	---	---	10.29	12.18	11.88	10.16	10.42	14.39
30	12.53	---	---	---	---	---	9.94	12.12	10.98	9.13	10.17	13.65
31	12.52	---	---	---	---	---	---	12.30	---	8.57	10.72	---

WTR YR 2005 MEAN 11.35 HIGH 6.73 LOW 15.02



GROUND-WATER LEVELS
SCOTLAND COUNTY—Continued

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