

Water-Data Report 2008

344520079281001 Local number SC-040, at Laurinburg, NC (Black Creek)

Northern Atlantic Coastal Plain aquifer system
Black Creek Aquifer
Scotland County, NC

LOCATION.--Lat 34°45'18", long 79°28'02" referenced to North American Datum of 1983, Scotland County, NC, Hydrologic Unit 03040204, off Willow Drive in Laurinburg. Owner: City of Laurinburg.

GROUND-WATER RECORDS

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

DATUM.--Land-surface datum is 211.2 ft above North American Vertical Datum of 1988. Measuring point: top of instrument shelf, 1.5 ft above land-surface datum, July 7, 2000 to present.

PERIOD OF RECORD.--December 2000 to current year. Periodic measurements beginning October 1993 are also collected.

GAGE.--Water-level recorder collecting data at 15-minute intervals. Satellite telemetry at station.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 5.25 ft below land-surface datum, December 26, 2005; lowest water level recorded, 24.70 ft below land-surface datum, December 13, 2007.

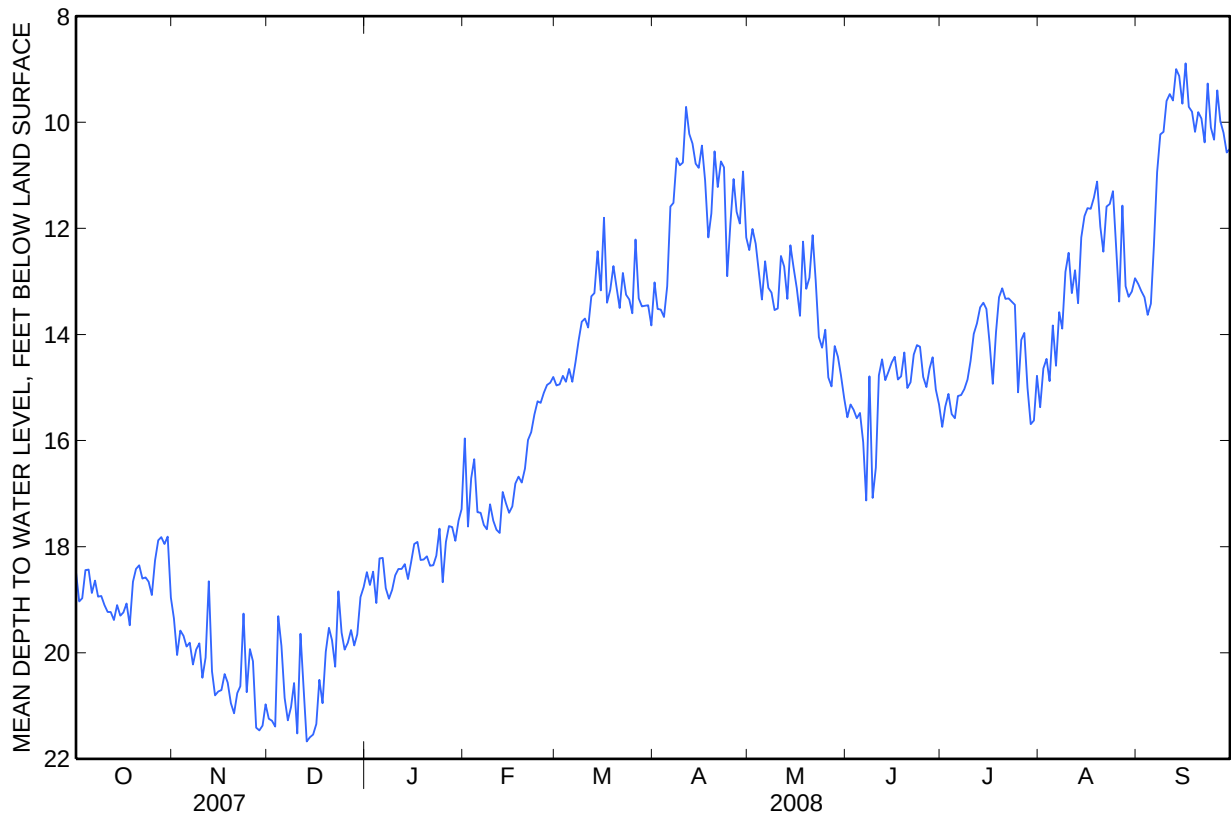
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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	18.48	19.35	21.24	18.48	15.96	14.96	13.02	12.41	15.56	15.74	15.37	13.05
2	19.03	20.04	21.28	18.72	17.62	14.94	13.52	12.01	15.32	15.36	14.64	13.18
3	18.97	19.58	21.39	18.47	16.71	14.78	13.53	12.29	15.42	15.12	14.46	13.30
4	18.44	19.68	19.31	19.06	16.35	14.89	13.67	12.83	15.58	15.50	14.88	13.63
5	18.43	19.88	19.87	18.22	17.35	14.65	13.09	13.34	15.48	15.58	13.83	13.42
6	18.87	19.81	20.85	18.21	17.36	14.89	11.59	12.62	16.03	15.16	14.59	12.32
7	18.64	20.22	21.27	18.78	17.59	14.52	11.52	13.12	17.13	15.14	13.58	10.94
8	18.94	19.94	21.02	18.98	17.67	14.10	10.68	13.21	14.79	15.03	13.89	10.23
9	18.93	19.82	20.57	18.81	17.20	13.76	10.81	13.54	17.08	14.85	12.82	10.18
10	19.10	20.47	21.52	18.54	17.51	13.70	10.76	13.51	16.51	14.50	12.46	9.60
11	19.23	20.09	19.64	18.42	17.68	13.87	9.71	12.52	14.77	13.99	13.22	9.47
12	19.23	18.65	20.69	18.42	17.74	13.28	10.22	12.72	14.47	13.79	12.79	9.59
13	19.38	20.35	21.67	18.33	16.97	13.22	10.40	13.33	14.86	13.49	13.41	9.00
14	19.10	20.80	21.59	18.61	17.18	12.43	10.78	12.32	14.70	13.40	12.17	9.13
15	19.30	20.73	21.54	18.30	17.36	13.17	10.86	12.74	14.53	13.52	11.77	9.65
16	19.24	20.70	21.34	17.95	17.24	11.80	10.44	13.13	14.42	14.16	11.62	8.89
17	19.07	20.40	20.51	17.91	16.81	13.40	11.10	13.65	14.85	14.93	11.63	9.71
18	19.48	20.56	20.95	18.25	16.68	13.16	12.17	12.25	14.79	13.96	11.42	9.80
19	18.66	20.95	19.98	18.24	16.79	12.71	11.72	13.14	14.34	13.30	11.12	10.18
20	18.42	21.14	19.53	18.18	16.53	13.12	10.55	12.93	15.01	13.13	11.97	9.81
21	18.35	20.76	19.76	18.36	15.99	13.50	11.22	12.13	14.90	13.33	12.44	9.93
22	18.60	20.63	20.26	18.35	15.84	12.84	10.74	12.98	14.38	13.32	11.59	10.38
23	18.58	19.26	18.84	18.17	15.51	13.25	10.85	14.05	14.20	13.38	11.54	9.27
24	18.66	20.74	19.62	17.66	15.26	13.34	12.90	14.25	14.23	13.44	11.30	10.10
25	18.91	19.93	19.94	18.67	15.29	13.60	11.91	13.91	14.80	15.09	12.31	10.33
26	18.26	20.16	19.81	17.91	15.10	12.21	11.07	14.81	14.99	14.10	13.38	9.40
27	17.88	21.41	19.57	17.61	14.95	13.32	11.69	14.98	14.64	13.97	11.57	9.98
28	17.82	21.46	19.86	17.63	14.91	13.47	11.91	14.22	14.43	15.01	13.09	10.20
29	17.95	21.37	19.65	17.89	14.80	13.46	10.93	14.42	15.04	15.69	13.29	10.57
30	17.81	20.97	18.95	17.51	---	13.45	12.17	14.77	15.32	15.62	13.19	10.50
31	18.96	---	18.76	17.29	---	13.83	---	15.20	---	14.78	12.94	---
Mean	18.73	20.33	20.35	18.26	16.55	13.60	11.52	13.33	15.09	14.43	12.85	10.52
Max	19.48	21.46	21.67	19.06	17.74	14.96	13.67	15.20	17.13	15.74	15.37	13.63
Min	17.81	18.65	18.76	17.29	14.80	11.80	9.71	12.01	14.20	13.13	11.12	8.89

Water Year 2008	
Mean	15.47
High	8.89
Low	21.67

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