

Water-Data Report 2007

**344544079263701 Local number SC-142 in Laurinburg, NC**

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

LOCATION.--Lat 34°45'44", long 79°26'37" referenced to North American Datum of 1983, Scotland County, NC, Hydrologic Unit 03040204, Stewartsville Road in Laurinburg. Owner: City of Laurinburg.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Drilled observation well, depth 161 ft, diameter 2 in., screened intervals from 78 to 98 ft, 114 to 124 ft, and 136 to 161 ft (as reported by driller).

DATUM.--Land-surface datum is 211 ft above National Geodetic Vertical Datum of 1929 (from topographic map). Measuring point: top of instrument shelf, 3.08 ft above land-surface datum, Jan. 25, 2007, to present.

PERIOD OF RECORD.--January 2007 to September 2007.

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

COOPERATION.--Station operated in cooperation with the City of Laurinburg.

REMARKS.--Water levels affected by pumping of nearby municipal wells.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 14.99 ft below land-surface datum, February 17, 2007; lowest water level recorded, 32.43 ft below land-surface datum, August 21, 2007.

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**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	19.90	20.57	20.40	22.82	24.97	27.15	24.57	27.14
2	---	---	---	---	19.67	19.95	20.49	23.09	25.37	26.83	26.57	27.07
3	---	---	---	---	19.12	18.29	21.16	22.70	24.70	25.95	27.42	26.16
4	---	---	---	---	18.41	19.23	20.79	21.75	22.98	25.76	25.97	28.48
5	---	---	---	---	19.02	19.48	19.91	21.80	23.37	26.20	25.71	28.47
6	---	---	---	---	19.57	19.10	20.95	21.87	22.92	26.58	25.78	27.72
7	---	---	---	---	19.00	18.99	20.79	21.71	23.12	25.70	25.68	28.35
8	---	---	---	---	19.62	18.93	21.06	21.39	22.15	25.97	26.19	27.76
9	---	---	---	---	19.75	19.59	20.20	20.50	24.11	25.36	27.87	27.00
10	---	---	---	---	19.67	20.38	20.15	20.51	25.02	26.32	26.04	26.08
11	---	---	---	---	19.60	20.24	20.31	21.97	25.67	25.84	28.09	27.12
12	---	---	---	---	18.92	19.37	19.25	22.03	24.50	23.48	28.38	26.82
13	---	---	---	---	18.73	19.69	20.40	22.30	24.58	22.36	29.31	26.21
14	---	---	---	---	19.42	19.44	20.90	22.11	23.74	24.51	29.41	27.36
15	---	---	---	---	18.33	20.48	20.82	21.10	23.96	25.10	29.12	27.17
16	---	---	---	---	17.25	20.07	20.57	22.42	24.12	25.53	29.48	27.15
17	---	---	---	---	18.66	17.82	19.71	20.71	23.09	26.02	26.99	25.69
18	---	---	---	---	19.57	18.55	19.00	22.29	24.82	25.14	27.85	25.52
19	---	---	---	---	18.37	19.18	20.00	22.59	24.86	26.14	27.34	25.52
20	---	---	---	---	19.27	17.94	20.39	21.90	22.82	24.48	27.00	24.32
21	---	---	---	---	19.53	19.21	20.67	22.55	24.42	25.22	29.52	24.27
22	---	---	---	---	19.74	19.28	20.76	23.65	25.96	24.05	28.97	25.38
23	---	---	---	---	19.86	19.59	19.43	24.57	27.05	23.17	28.34	26.15
24	---	---	---	---	19.54	19.93	21.02	24.22	26.88	26.01	28.82	26.80
25	---	---	---	---	18.06	20.42	20.72	24.61	26.50	26.75	28.03	26.89
26	---	---	---	19.62	21.94	19.24	20.63	24.47	24.92	24.42	27.87	27.74
27	---	---	---	19.78	20.56	20.08	21.53	24.67	25.01	24.98	27.05	27.66
28	---	---	---	19.88	19.38	19.25	21.61	24.91	26.88	25.75	27.58	26.85
29	---	---	---	18.53	---	19.32	21.85	24.01	28.03	24.60	28.02	27.59
30	---	---	---	19.38	---	18.42	22.08	21.34	27.52	23.59	27.96	27.73
31	---	---	---	20.14	---	19.88	---	23.70	---	25.05	27.43	---
<b>Mean</b>	---	---	---	19.55	19.30	19.42	20.59	22.59	24.80	25.29	27.56	26.81
<b>Max</b>	---	---	---	20.14	21.94	20.57	22.08	24.91	28.03	27.15	29.52	28.48
<b>Min</b>	---	---	---	18.53	17.25	17.82	19.00	20.50	22.15	22.36	24.57	24.27

<b>Water Year 2007</b>	
<b>Mean</b>	23.24
<b>High</b>	17.25
<b>Low</b>	29.52

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