

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BARNWELL COUNTY--Continued

WELL NUMBER.--331044081185301. Local number, BW-352.

LOCATION.--Lat 33°10'44'', long 81°18'52'' (revised), Hydrologic Unit 03050207, 100 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Lower Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 270 ft, 4 in 248 to 278 ft, depth 293 ft, cased to 293 ft, screened interval from 278 to 288 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 207.2 ft (revised) above sea level. Measuring point: Opening in casing, 1.58 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to September 1990, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 38.63 ft below land-surface datum, Apr. 21, 1993; lowest, 47.63 ft below land-surface datum, July 31 and Aug. 1, 2000.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	44.18	44.08	44.17	44.12	---	---	44.18	45.01	---	47.36	47.63	47.25
2	44.20	44.00	44.15	44.13	---	---	44.17	45.01	---	47.37	47.59	47.24
3	44.22	44.08	44.14	44.11	43.92	---	44.14	45.05	---	47.38	47.53	47.23
4	44.19	44.14	44.14	44.07	43.91	---	44.12	45.10	---	47.36	47.52	47.24
5	44.15	44.16	44.11	44.12	43.98	---	44.17	45.13	---	47.33	47.42	47.22
6	44.18	44.14	44.08	44.15	44.00	---	44.16	45.15	---	47.32	47.44	47.23
7	44.20	44.11	44.13	44.13	43.98	---	44.16	45.18	---	47.33	47.45	47.23
8	44.22	44.11	44.16	44.13	43.99	---	44.13	45.21	---	47.27	47.42	47.21
9	44.20	44.12	44.15	44.08	43.98	44.07	44.20	45.26	---	47.17	47.40	47.10
10	44.18	44.11	44.10	44.02	43.95	44.08	44.21	---	---	47.10	47.40	47.03
11	44.17	44.09	44.12	---	43.94	44.06	44.22	---	---	47.05	47.35	47.08
12	44.18	44.12	44.10	---	43.96	44.05	44.22	---	---	47.04	47.27	47.12
13	44.10	44.10	44.07	---	43.97	44.11	44.26	---	---	47.05	47.29	47.14
14	44.08	44.06	44.07	---	43.88	44.13	44.27	---	---	47.05	47.21	47.15
15	44.11	44.04	44.10	---	43.94	44.14	44.26	---	---	47.03	47.15	47.15
16	44.10	44.05	44.13	---	43.95	44.08	44.32	---	---	47.04	47.09	47.22
17	44.04	44.11	44.15	---	43.98	44.05	44.34	---	---	47.08	47.05	47.29
18	44.09	44.14	44.13	---	43.98	44.13	44.38	---	---	47.09	47.04	47.28
19	44.12	44.14	44.05	---	43.95	44.11	44.44	---	---	47.07	47.13	47.34
20	44.09	44.11	44.06	---	44.01	43.97	44.48	---	---	47.06	47.21	47.39
21	44.07	44.10	44.06	---	44.04	43.98	44.46	---	---	47.10	47.28	47.37
22	44.03	44.10	44.09	---	44.05	44.00	44.54	---	---	47.19	47.31	47.29
23	44.04	44.11	44.11	---	44.05	44.03	44.64	---	---	47.23	47.32	46.86
24	44.10	44.11	44.09	---	44.04	44.05	44.68	---	---	47.33	47.32	46.73
25	44.13	44.09	44.14	---	44.04	44.05	44.75	---	---	47.44	47.27	46.80
26	44.11	44.04	44.09	---	44.04	44.03	44.85	---	---	47.52	47.16	46.84
27	44.10	44.07	44.05	---	44.02	43.98	44.87	---	47.47	47.57	47.09	46.86
28	44.13	44.10	44.03	---	44.03	44.00	44.87	---	47.47	47.59	47.14	46.82
29	44.13	44.13	44.07	---	---	44.08	44.93	---	47.41	47.60	47.11	46.80
30	44.13	44.17	44.09	---	---	44.09	44.98	---	47.33	47.60	47.15	46.76
31	44.12	---	44.10	---	---	44.13	---	---	---	47.63	47.21	---
MEAN	44.13	44.10	44.10	44.11	43.98	44.06	44.41	45.12	47.42	47.27	47.29	47.11
MAX	44.22	44.17	44.17	44.15	44.05	44.14	44.98	45.26	47.47	47.63	47.63	47.39
MIN	44.03	44.00	44.03	44.02	43.88	43.97	44.12	45.01	47.33	47.03	47.04	46.73



