

BARNWELL COUNTY

WELL NUMBER.--331915081242801. Local number, BW-360.

LOCATION.--Lat 33°19'16'', long 81°24'24'', Hydrologic Unit 03050207, on logging road approximately 0.5 mi off Cedar Tree Road and approximately 1.5 mi west of U.S. Highway 278. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Barnwell.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 115 ft, 4 in 92 to 140, depth 140 ft, cased to 140 ft, screened interval 125-134 ft.

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

DATUM.--Land-surface datum is 270 ft above sea level. Measuring point: Opening in casing, 1.29 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to June 1991. May 1993 to June 1999 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 14.15 ft below land-surface datum, May 22, 1993; lowest, 26.92 ft below land-surface datum, Feb. 19, 1989.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.44	20.50	21.39	22.13	21.46	20.91	21.38	21.22	21.57	---	---	---
2	19.53	20.52	21.42	22.13	21.30	20.97	21.38	21.17	21.61	---	---	---
3	19.60	20.54	21.43	22.05	21.18	20.96	21.41	21.13	21.65	---	---	---
4	19.61	20.57	21.45	22.16	21.09	21.05	21.43	21.07	21.67	---	---	---
5	19.64	20.62	21.47	22.22	21.09	21.14	21.44	21.03	21.73	---	---	---
6	19.69	20.69	21.49	22.24	21.01	21.14	21.51	20.98	21.80	---	---	---
7	19.70	20.77	21.52	22.25	20.89	21.16	21.51	20.95	21.83	---	---	---
8	19.68	20.80	21.55	22.25	20.86	21.24	21.45	20.95	21.85	---	---	---
9	19.70	20.80	21.59	22.19	20.90	21.14	21.31	20.97	21.88	---	---	---
10	19.75	20.81	21.64	22.26	20.89	21.09	21.27	20.97	21.94	---	---	---
11	19.81	20.84	21.66	22.31	20.91	21.13	21.26	21.00	21.98	---	---	---
12	19.85	20.90	21.69	22.32	20.87	21.17	21.25	20.99	22.02	---	---	---
13	19.88	20.91	21.65	22.33	20.88	21.21	21.27	20.95	22.06	---	---	---
14	19.89	20.90	21.69	22.34	20.93	21.10	21.24	20.97	22.08	---	---	---
15	19.95	20.89	21.74	22.27	20.93	21.11	21.15	21.06	22.09	---	---	---
16	20.02	20.92	21.73	22.32	20.88	21.24	21.13	21.10	22.05	---	---	---
17	20.06	20.95	21.75	22.33	20.82	21.26	21.20	21.12	21.89	---	---	---
18	20.07	21.04	21.83	22.28	20.77	21.26	21.24	21.12	21.91	---	---	---
19	20.09	21.07	21.86	22.31	20.77	21.29	21.26	21.13	21.90	---	---	---
20	20.11	21.07	21.88	22.31	20.84	21.32	21.22	21.17	21.87	---	---	---
21	20.14	21.12	21.90	22.30	20.88	21.26	21.22	21.22	21.85	---	---	---
22	20.19	21.18	21.90	22.31	20.95	21.30	21.25	21.23	21.83	---	---	---
23	20.26	21.20	21.96	22.25	20.99	21.36	21.27	21.21	21.83	---	---	---
24	20.29	21.18	21.97	22.09	20.99	21.36	21.28	21.20	21.82	---	---	---
25	20.29	21.20	21.96	21.99	20.98	21.34	21.31	21.27	21.80	---	---	---
26	20.31	21.22	21.95	21.88	20.96	21.33	21.31	21.32	21.81	---	---	---
27	20.35	21.26	22.00	21.74	20.96	21.39	21.29	21.37	21.83	---	---	---
28	20.36	21.30	22.00	21.62	20.89	21.41	21.28	21.43	21.82	---	---	---
29	20.37	21.33	21.97	21.58	---	21.42	21.31	21.49	21.81	---	---	---
30	20.41	21.36	22.03	21.57	---	21.45	21.27	21.53	---	---	---	---
31	20.45	---	22.10	21.57	---	21.45	---	21.55	---	---	---	---
MEAN	19.98	20.95	21.75	22.13	20.96	21.22	21.30	21.16	21.85	---	---	---
MAX	20.45	21.36	22.10	22.34	21.46	21.45	21.51	21.55	22.09	---	---	---
MIN	19.44	20.50	21.39	21.57	20.77	20.91	21.13	20.95	21.57	---	---	---

