

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BARNWELL COUNTY

WELL NUMBER.--331037081184301. Local number, BW-349.

LOCATION.--Lat 33°10'43'' (revised), long 81°18'53'' (revised), Hydrologic Unit 03050207, 245 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.--Middendorf Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from 3 ft to 1030 ft, 4 in from 988 to 1045 ft., depth 1045 ft, cased to 1045 ft, screened interval 1030-1040 ft.

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

DATUM.--Land-surface datum is 208.6 ft (revised) above sea level. Measuring point: Opening in casing, 1.62 ft above land-surface datum.

PERIOD OF RECORD.--April 1988 to June 1991, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 9.91 ft below land-surface datum, Apr. 21, 1993; lowest, 16.53 ft below land-surface datum, Sep. 17, 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	14.24	14.39	14.73	14.62	---	14.59	---	14.87	15.16	15.41	15.88	16.29
2	14.27	14.25	14.70	14.63	---	14.53	---	14.84	15.15	15.46	15.85	16.28
3	14.28	14.44	14.70	14.61	14.53	14.54	---	14.88	15.12	15.50	15.84	16.28
4	14.26	14.61	14.69	14.51	14.49	14.47	---	14.93	15.12	15.49	15.86	16.29
5	14.21	14.68	14.61	14.64	14.63	14.55	---	14.93	15.09	15.45	15.86	16.31
6	14.28	14.55	14.54	14.70	14.67	14.62	---	14.92	15.11	15.44	15.90	16.38
7	14.36	14.49	14.66	14.66	14.63	14.67	---	14.90	15.23	15.48	15.94	16.39
8	14.37	14.48	14.72	14.64	14.64	---	---	14.88	15.26	15.58	15.93	16.39
9	14.34	14.49	14.68	14.54	14.60	---	---	14.85	15.28	15.60	15.92	16.40
10	14.30	14.49	14.52	14.44	14.53	---	---	14.84	15.29	15.57	15.92	16.41
11	14.30	14.45	14.59	---	14.52	---	14.80	14.87	15.31	15.55	15.89	16.42
12	14.33	14.49	14.50	---	14.55	---	14.78	14.87	15.32	15.57	15.87	16.41
13	14.26	14.49	14.45	---	14.57	---	14.81	14.86	15.31	15.58	15.91	16.42
14	14.23	14.36	14.51	---	14.43	14.69	14.77	14.91	15.32	15.56	16.00	16.41
15	14.29	14.35	14.56	---	14.57	---	14.70	14.97	15.31	15.52	16.06	16.38
16	14.28	14.34	14.62	---	14.58	---	14.72	15.00	15.34	15.55	16.07	16.47
17	14.13	14.47	14.68	---	14.63	---	14.65	15.01	15.39	15.63	16.06	16.53
18	14.22	14.53	14.61	---	14.60	---	14.65	15.05	15.41	15.68	16.06	16.44
19	14.34	14.53	14.52	---	14.55	---	14.73	15.02	15.42	15.68	16.09	16.48
20	14.33	14.49	14.53	---	14.65	---	14.75	14.99	15.40	15.65	16.14	16.48
21	14.30	14.43	14.52	---	14.70	---	14.65	14.98	15.37	15.68	16.22	16.44
22	14.22	14.49	14.58	---	14.71	---	14.67	14.95	15.35	15.72	16.25	16.45
23	14.23	14.47	14.62	---	14.70	---	14.72	14.94	15.35	15.76	16.25	16.10
24	14.35	14.53	14.56	---	14.68	---	14.67	14.94	15.39	15.72	16.22	16.14
25	14.46	14.50	14.65	---	14.66	---	14.67	14.96	15.41	15.75	16.18	16.16
26	14.41	14.40	14.48	---	14.66	---	14.78	15.01	15.44	15.79	16.17	16.25
27	14.39	14.50	14.39	---	14.61	---	14.76	14.99	15.46	15.80	16.18	16.34
28	14.44	14.60	14.35	---	14.62	---	14.71	14.95	15.45	15.79	16.19	16.34
29	14.47	14.67	14.49	---	14.65	---	14.79	14.98	15.38	15.80	16.22	16.37
30	14.50	14.74	14.54	---	---	---	14.86	15.10	15.36	15.81	16.22	16.36
31	14.47	---	14.57	---	---	---	---	15.15	---	15.86	16.24	---
MEAN	14.32	14.49	14.58	14.60	14.61	14.58	14.73	14.95	15.31	15.63	16.04	16.36
MAX	14.50	14.74	14.73	14.70	14.71	14.69	14.86	15.15	15.46	15.86	16.25	16.53
MIN	14.13	14.25	14.35	14.44	14.43	14.47	14.65	14.84	15.09	15.41	15.84	16.10

