

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BEAUFORT COUNTY

WELL NUMBER.--321603080432202. Local number, BFT-1810.

LOCATION.--Lat 32°16'03'', long 80°43'22'', Hydrologic Unit 03050208, at Dolphin Head Recreation Park, on Hilton Head Plan-
tation on Hilton Head Island. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Floridan Aquifer System.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 202 ft, cased to 105 ft, open hole from 105 to 202 ft.
INSTRUMENTATION.--Data collection platform--60 minute collection interval.

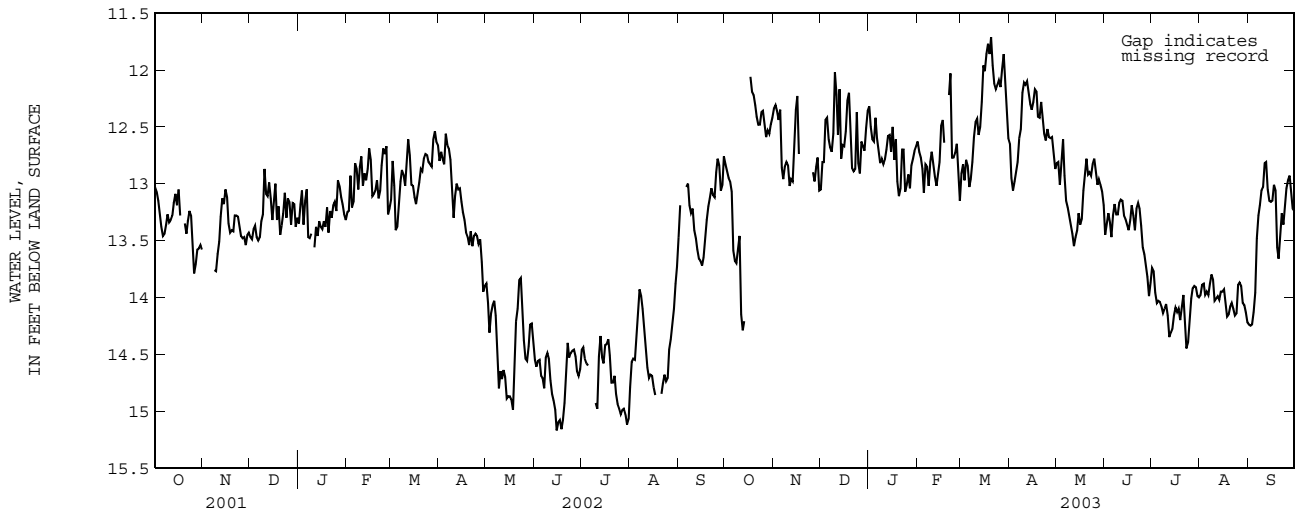
DATUM.--Land-surface datum is 14.0 ft above sea level. Measuring point: Opening in casing, 0.80 ft land-surface datum.

PERIOD OF RECORD.--September 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level, 11.41 ft below land-surface datum, Jun. 6, 1991; lowest, 16.54 ft
below land-surface datum, Jul.4, 1993.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.83	12.34	13.05	12.32	12.63	12.91	12.65	12.82	13.45	13.74	13.98	14.24
2	12.89	12.31	12.81	12.50	12.72	12.83	12.95	12.81	13.35	13.77	13.89	14.25
3	12.95	12.36	12.81	12.61	12.77	12.97	13.06	13.01	13.26	13.96	13.88	14.24
4	12.98	12.44	12.44	12.63	12.87	12.79	12.98	12.80	13.34	14.05	13.98	14.13
5	13.07	12.35	12.42	12.42	13.08	12.84	12.89	12.61	13.47	14.03	13.95	13.96
6	13.59	12.86	12.61	12.60	12.83	13.03	12.81	12.93	13.28	14.04	13.98	13.48
7	13.68	12.96	12.68	12.71	12.85	12.96	12.60	13.15	13.18	14.08	13.88	13.28
8	13.70	12.85	12.72	12.82	13.02	12.81	12.52	13.21	13.27	14.14	13.80	13.19
9	13.58	12.81	12.56	12.78	12.81	12.59	12.20	13.29	13.27	14.10	13.84	13.06
10	13.46	12.84	12.02	12.83	12.72	12.46	12.11	13.37	13.17	14.06	14.03	13.03
11	14.15	13.02	12.22	12.79	12.83	12.43	12.13	13.44	13.14	14.16	14.01	12.82
12	14.29	12.96	12.57	12.70	12.94	12.57	12.10	13.55	13.15	14.35	13.99	12.81
13	14.21	12.98	12.17	12.58	13.02	12.50	12.20	13.47	13.28	14.31	14.02	13.05
14	---	12.66	12.78	12.57	12.92	12.28	12.30	13.41	13.31	14.28	13.95	13.15
15	---	12.35	12.66	12.72	12.81	11.96	12.35	13.26	13.36	14.16	13.95	13.16
16	---	12.23	12.67	12.50	12.49	12.01	12.28	13.36	13.41	14.09	13.93	13.15
17	12.06	12.74	12.54	12.79	12.44	11.86	12.17	13.31	13.32	14.13	14.04	13.01
18	12.19	---	12.27	12.61	12.64	11.77	12.19	13.06	13.19	14.10	14.17	13.06
19	12.22	---	12.20	12.98	---	11.86	12.41	12.92	13.28	14.20	14.15	13.56
20	12.31	---	12.48	13.11	---	11.71	12.42	12.78	13.41	14.09	14.08	13.66
21	12.41	---	12.86	13.04	12.22	11.96	12.28	12.92	13.22	13.98	14.05	13.48
22	12.48	---	12.89	12.70	12.03	12.12	12.43	12.90	13.17	14.23	14.10	13.26
23	12.48	---	12.87	12.70	12.77	12.17	12.56	12.93	13.22	14.45	14.16	13.36
24	12.37	---	12.37	13.07	12.77	12.13	12.62	12.83	13.37	14.40	14.14	13.19
25	12.36	---	12.82	13.01	12.73	12.09	12.52	12.78	13.56	14.19	13.89	13.04
26	12.47	12.90	12.91	12.92	12.65	12.15	12.59	12.90	13.62	14.01	13.87	12.97
27	12.59	12.98	12.63	13.04	12.92	11.99	12.60	13.01	13.72	13.92	13.90	12.93
28	12.53	12.85	12.67	12.84	13.15	11.86	12.59	12.96	13.82	13.90	14.05	13.08
29	12.56	12.77	12.71	12.78	---	12.08	12.72	13.01	13.99	13.91	14.07	13.22
30	12.48	13.06	12.51	12.71	---	12.35	12.87	13.07	13.87	13.99	14.13	13.24
31	12.42	---	12.36	12.67	---	12.60	---	13.19	---	14.00	14.22	---
MEAN	---	---	12.59	12.74	---	12.34	12.50	13.07	13.38	14.09	14.00	13.34
MAX	---	---	13.05	13.11	---	13.03	13.06	13.55	13.99	14.45	14.22	14.25
MIN	---	---	12.02	12.32	---	11.71	12.10	12.61	13.14	13.74	13.80	12.81



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BEAUFORT COUNTY

QUALITY OF GROUND WATER

WELL NUMBER.--321603080432202. Local number, BFT-1810.--Continued

PERIOD OF RECORD.--Water years 1987 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE AT 170 FEET: February 1987 to September 1994 (discontinued).

SPECIFIC CONDUCTANCE AT 190 FEET: February 1987 to September 1994 (discontinued).

SPECIFIC CONDUCTANCE AT 200 FEET: February 1987 to current year.

INSTRUMENTATION.--Water-quality multiprobe and data collection platform.

REMARKS.--Specific conductance records rated excellent except for Nov. 29 to Dec. 18 and Sep. 10-30, which are good. Specific conductance at 200 ft is measured from top of casing.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE AT 170 FEET: Maximum, 920 microsiemens, Apr. 14, 1988; minimum, 330 microsiemens, Aug. 9, 1990.

SPECIFIC CONDUCTANCE AT 190 FEET: Maximum, 5,720 microsiemens, June 25, 1994; minimum, 440 microsiemens, Dec. 11, 1987.

SPECIFIC CONDUCTANCE AT 200 FEET: Maximum, 14,700 microsiemens, Dec. 11, 2001; minimum, 1,590 microsiemens, Feb. 27, 1987.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 13,900 microsiemens, several days in July, Aug. 1-3; minimum, 12,300 microsiemens, Dec. 18, 19, 21, 31, Jan. 1.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	13300	12900	13100	13300	12900	13100	13200	12800	13000	12700	12300	12500
2	13300	12900	13100	13300	12900	13100	13200	12800	13000	12700	12400	12600
3	13300	12900	13100	13300	12900	13100	13200	12800	13000	12700	12400	12600
4	13300	12900	13100	13300	12900	13100	13200	12700	12900	12700	12400	12600
5	13400	12900	13100	13300	12900	13100	13100	12700	13000	12700	12400	12600
6	13400	12900	13100	13300	12900	13100	13100	12800	13000	12700	12400	12600
7	13400	12900	13100	13300	12900	13100	13100	12800	13000	12700	12400	12600
8	13400	12900	13100	13300	12900	13100	13100	12800	12900	12700	12500	12600
9	13300	12900	13100	13300	12900	13100	13100	12800	12900	12700	12500	12600
10	13300	12900	13100	13300	12900	13100	13100	12800	12900	12700	12500	12600
11	13300	12900	13100	13200	12900	13100	13100	12800	12900	12700	12500	12600
12	13300	13000	13200	13200	13000	13100	13000	12800	12900	12700	12500	12600
13	13300	13000	13100	13200	12900	13100	13000	12800	12900	12700	12500	12600
14	---	---	---	13200	12900	13100	13100	12800	12900	12700	12400	12600
15	---	---	---	13200	12900	13100	13100	12800	12900	12700	12500	12600
16	---	---	---	---	---	---	13100	12800	12900	12800	12400	12600
17	13400	13000	13100	---	---	---	13100	12700	12900	12800	12500	12600
18	13400	13000	13100	---	---	---	13100	12300	12600	12700	12400	12600
19	13400	13000	13200	---	---	---	12700	12300	12500	12800	12400	12600
20	13400	13000	13200	---	---	---	12700	12400	12500	12800	12400	12600
21	13300	13000	13100	---	---	---	12700	12300	12500	12800	12400	12600
22	13400	13000	13200	---	---	---	12700	12400	12500	12800	12400	12600
23	13300	13000	13100	---	---	---	12700	12400	12500	12800	12500	12600
24	13300	13000	13100	---	---	---	12700	12400	12500	12800	12400	12600
25	13300	12800	13100	---	---	---	12700	12400	12600	12800	12500	12600
26	13300	13000	13200	13200	12900	13000	12700	12400	12500	12800	12500	12600
27	13300	13000	13200	13200	12800	13000	12700	12400	12500	12800	12500	12600
28	13300	13000	13200	13200	12800	13000	12700	12400	12600	12800	12500	12600
29	13300	13000	13200	13200	12800	13000	12700	12400	12600	12800	12400	12600
30	13300	13000	13100	13200	12800	13000	12700	12400	12500	12800	12400	12600
31	13300	13000	13100	---	---	---	12700	12300	12500	12800	12500	12600
MONTH	---	---	---	---	---	---	13200	12300	12800	12800	12300	12600

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BEAUFORT COUNTY

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	12800	12400	12600	13200	12800	13000	13300	13000	13200	13400	13100	13300
2	12800	12400	12600	13200	12800	13000	13300	13000	13200	13400	13100	13300
3	12800	12400	12600	13200	12800	13000	13300	13000	13200	13400	13100	13300
4	12800	12500	12600	13200	12800	13000	13300	13000	13200	13400	13100	13300
5	12800	12500	12600	13200	12800	13000	13300	13000	13200	13400	13100	13300
6	12800	12500	12600	13200	12900	13000	13300	13000	13200	13400	13200	13300
7	12800	12500	12600	13200	12900	13000	13300	13100	13200	13400	13200	13300
8	12800	12500	12600	13200	12900	13000	13300	13100	13200	13400	13200	13300
9	12800	12500	12600	13200	12900	13000	13300	13100	13200	13400	13200	13300
10	12800	12500	12700	13200	12900	13000	13300	13100	13200	13400	13200	13300
11	12800	12500	12600	13100	12900	13000	13400	13100	13200	13500	13200	13300
12	12800	12500	12700	13200	12900	13000	13400	13100	13200	13500	13100	13300
13	12800	12500	12600	13200	12900	13000	13400	13000	13200	13500	13100	13300
14	12800	12500	12700	13200	12900	13000	13400	13000	13200	13500	13100	13300
15	12800	12500	12600	13200	12900	13000	13400	13000	13200	13500	13100	13300
16	12800	12400	12600	13200	12900	13000	13400	13000	13200	13500	13100	13300
17	12800	12400	12600	13200	12800	13000	13400	13000	13200	13500	13000	13300
18	12800	12400	12600	13200	12800	13000	13400	13000	13200	13400	13000	13300
19	---	---	---	13200	12800	13000	13400	13000	13200	13400	13100	13300
20	---	---	---	13200	12800	13000	13400	13000	13200	13400	13100	13300
21	13200	12700	13000	13200	12800	13000	13400	13100	13300	13400	13100	13300
22	13100	12800	13000	13200	12900	13000	13400	13100	13300	13400	13100	13300
23	13200	12800	13000	13200	12900	13100	13400	13100	13300	13400	13100	13300
24	13200	12800	13000	13200	12900	13000	13400	13100	13300	13400	13100	13300
25	13200	12800	13000	13200	12900	13100	13400	13100	13300	13400	13100	13300
26	13200	12800	13000	13200	12900	13100	13400	13100	13300	13400	13100	13300
27	13200	12800	13000	13300	13000	13100	13400	13100	13300	13400	13100	13300
28	13200	12800	13000	13300	12900	13100	13400	13100	13300	13400	13100	13200
29	---	---	---	13300	13000	13100	13400	13100	13300	13400	13000	13200
30	---	---	---	13300	13000	13200	13400	13100	13300	13300	13000	13200
31	---	---	---	13300	13000	13200	---	---	---	13300	13000	13200
MONTH	---	---	---	13300	12800	13000	13400	13000	13200	13500	13000	13300

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	13300	13000	13100	13500	13200	13400	13900	13500	13700	13700	13300	13500
2	13300	13000	13100	13500	13300	13400	13900	13500	13700	13700	13300	13500
3	13300	13000	13100	13600	13300	13500	13900	13500	13700	13600	13300	13500
4	13300	13000	13100	13600	13300	13500	13800	13500	13700	13600	13300	13500
5	13300	13000	13100	13600	13400	13500	13800	13500	13700	13600	13300	13500
6	13300	13000	13100	13600	13400	13500	13800	13500	13700	13600	13300	13500
7	13300	13000	13200	13600	13400	13500	13800	13500	13700	13600	13300	13500
8	13300	13000	13200	13700	13400	13500	13800	13500	13600	13600	13300	13500
9	13300	13000	13200	13700	13400	13500	13800	13400	13600	13600	13300	13500
10	13300	13000	13200	13700	13300	13500	13800	13400	13600	13600	13300	13400
11	13300	12900	13200	13800	13400	13600	13800	13400	13600	13600	13300	13400
12	13300	12900	13100	13800	13400	13600	13800	13400	13600	13600	13300	13400
13	13300	12900	13200	13800	13400	13600	13800	13300	13600	13600	13300	13500
14	13300	12900	13200	13900	13500	13700	13700	13300	13500	13600	13300	13500
15	13400	12900	13200	13900	13500	13700	13700	13300	13500	13600	13300	13500
16	13400	13000	13200	13900	13600	13800	13700	13300	13500	13600	13300	13500
17	13300	13000	13200	13900	13600	13800	13700	13400	13500	13800	13300	13500
18	13300	13000	13200	13900	13600	13800	13600	13400	13500	13600	13400	13500
19	13300	13000	13200	13900	13600	13800	13600	13400	13500	13600	13400	13500
20	13300	13000	13200	13900	13600	13800	13600	13400	13500	13600	13400	13500
21	13300	13000	13200	13900	13600	13800	13600	13400	13500	13600	13300	13500
22	13300	13100	13200	13900	13600	13800	13600	13400	13500	13600	13300	13500
23	13300	13100	13200	13900	13600	13800	13700	13400	13500	13600	13300	13500
24	---	---	---	13900	13600	13700	13700	13400	13500	13600	13300	13500
25	13400	13100	13200	13900	13600	13700	13700	13300	13500	13600	13300	13400
26	13400	13100	13200	13900	13600	13700	13700	13300	13500	13600	13200	13400
27	13400	13100	13200	13900	13500	13700	13700	13300	13500	13600	13200	13400
28	13400	13100	13200	13900	13500	13700	13700	13300	13500	13600	13200	13500
29	13400	13100	13300	13900	13500	13700	13700	13300	13500	13600	13300	13400
30	13500	13200	13300	13900	13500	13700	13700	13300	13500	13600	13300	13400
31	---	---	---	13900	13500	13700	13700	13300	13500	---	---	---
MONTH	---	---	---	13900	13200	13600	13900	13300	13600	13800	13200	13500