

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.

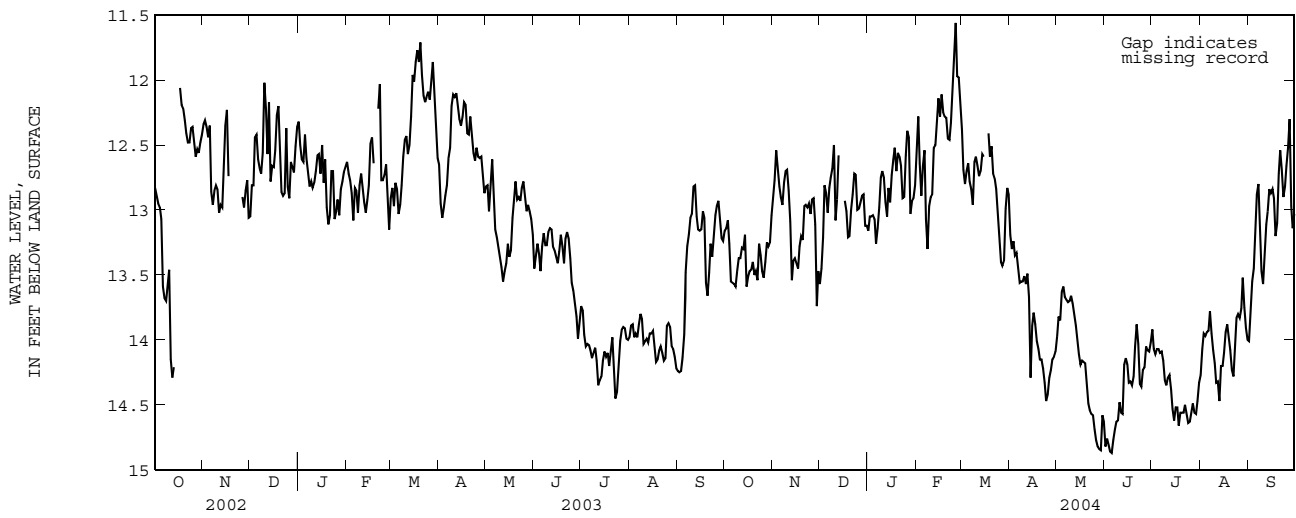
DATUM.--Land-surface datum is 14.0 ft above sea level. Measuring point: Opening in casing, 0.80 ft land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 9.76 ft below land-surface datum, Feb. 7, 1993; lowest water level, 19.31 ft below land-surface datum, July 16, 1993.

Depth to water level, feet below land surface
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.16	12.91	13.57	13.16	12.51	12.38	13.19	13.97	14.82	13.92	14.27	14.01
2	13.14	12.77	13.45	13.05	12.28	12.69	13.30	13.82	14.76	14.07	14.07	13.80
3	13.08	12.54	13.21	13.05	12.64	12.80	13.24	13.85	14.81	14.11	13.95	13.55
4	13.26	12.68	12.81	13.04	12.89	12.70	13.35	13.63	14.86	14.07	13.97	13.45
5	13.55	12.82	12.87	13.07	12.66	12.64	13.33	13.59	14.87	14.07	13.94	13.15
6	13.56	12.90	13.02	13.26	12.54	12.78	13.44	13.67	14.77	14.10	13.93	12.88
7	13.57	12.96	12.83	13.14	13.07	12.84	13.56	13.69	14.69	14.09	13.78	12.80
8	13.59	12.79	12.75	12.98	13.30	12.96	13.55	13.71	14.63	14.16	13.95	13.14
9	13.47	12.70	12.68	12.75	12.97	12.63	13.55	13.70	14.62	14.31	14.08	13.47
10	13.37	12.69	12.50	12.70	12.90	12.59	13.51	13.66	14.48	14.35	14.18	13.57
11	13.37	12.85	13.08	12.75	12.88	12.66	13.57	13.72	14.56	14.29	14.33	13.36
12	13.29	13.09	12.92	12.94	12.52	12.74	13.49	13.81	14.57	14.27	14.32	13.11
13	13.30	13.54	12.58	13.05	12.50	12.70	13.67	13.89	14.19	14.38	14.47	13.01
14	13.19	13.39	---	12.83	12.31	12.57	14.29	14.00	14.14	14.53	14.20	12.84
15	13.59	13.37	---	12.94	12.14	12.59	13.89	14.11	14.19	14.62	14.20	12.87
16	13.51	13.41	---	12.73	12.28	---	13.79	14.19	14.33	14.52	14.10	12.84
17	13.47	13.45	12.93	12.61	12.11	---	13.88	14.16	14.32	14.52	13.94	12.91
18	13.46	13.28	13.01	12.52	12.25	12.41	14.01	14.17	14.35	14.66	13.88	13.20
19	13.40	13.20	13.21	12.70	12.28	12.59	14.07	14.18	14.28	14.56	13.99	13.10
20	13.50	13.23	13.20	12.56	12.29	12.51	14.15	14.35	14.05	14.56	14.08	12.72
21	13.47	12.97	13.00	12.59	12.45	12.72	14.15	14.49	13.88	14.56	14.23	12.54
22	13.54	12.96	12.88	12.66	12.46	12.76	14.22	14.54	14.03	14.50	14.28	12.69
23	13.26	12.98	12.72	12.91	12.33	12.84	14.33	14.57	14.34	14.57	14.03	12.90
24	13.35	12.95	12.73	12.90	12.11	13.07	14.47	14.58	14.36	14.64	13.83	12.82
25	13.47	13.03	13.00	12.58	11.83	13.25	14.42	14.69	14.23	14.63	13.80	12.66
26	13.52	12.92	12.99	12.39	11.56	13.40	14.29	14.77	14.21	14.56	13.83	12.52
27	13.40	12.91	12.94	12.44	11.97	13.43	14.23	14.82	14.05	14.49	13.76	12.30
28	13.25	13.11	12.89	13.03	11.98	13.39	14.15	14.84	14.08	14.56	13.52	12.97
29	13.28	13.74	12.88	12.93	12.20	12.99	14.13	14.85	14.09	14.57	13.75	13.14
30	13.25	13.47	13.12	12.91	---	12.83	14.09	14.58	14.02	14.47	13.91	13.03
31	13.04	---	13.12	12.81	---	12.88	---	14.63	---	14.33	14.00	---
MEAN	13.38	13.05	---	12.84	12.42	---	13.84	14.17	14.39	14.39	14.02	13.04
MAX	13.59	13.74	---	13.26	13.30	---	14.47	14.85	14.87	14.66	14.47	14.01
MIN	13.04	12.54	---	12.39	11.56	---	13.19	13.59	13.88	13.92	13.52	12.30



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 2004 (discontinued).

SPECIFIC CONDUCTANCE AT 190 FEET: February 1987 to September 2004 (discontinued).

BEAUFORT COUNTY--Continued

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 Oct. 1-10, Nov. 18 to Dec. 16, 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 AT 200 FEET: Maximum, 14,600 microsiemens, many days in August and September; minimum, 13,000 microsiemens, several days in November and December.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

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

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BEAUFORT COUNTY--Continued

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	13600	13400	13500	13900	13700	13800	14100	13900	14000	14200	13900	14000
2	13700	13400	13500	14000	13700	13800	14100	13800	14000	14200	13900	14000
3	13700	13400	13500	14000	13700	13800	14100	13800	14000	14200	13900	14000
4	13700	13400	13500	14000	13700	13900	14100	13800	14000	14200	13800	14000
5	13700	13400	13500	14000	13700	13800	14200	13800	14000	14200	13800	14000
6	13700	13400	13500	14000	13700	13900	14200	13800	14000	14200	13800	14000
7	13700	13400	13600	14000	13700	13900	14200	13800	14000	14200	13900	14000
8	13700	13400	13500	14100	13700	13900	14200	13800	14000	14200	13900	14000
9	13700	13400	13600	14100	13700	13900	14200	13800	14000	14200	13900	14000
10	13700	13400	13600	14100	13700	13900	14100	13800	14000	14200	13900	14000
11	13700	13400	13600	14100	13700	13900	14100	13800	14000	14200	13900	14100
12	13700	13400	13600	14100	13800	13900	14100	13800	14000	14200	13900	14100
13	13700	13400	13600	14100	13800	13900	14100	13800	14000	14200	13900	14100
14	13700	13400	13600	14100	13800	13900	14100	13900	14000	14200	13900	14100
15	13700	13400	13600	14100	13800	13900	14200	13800	14000	14200	13900	14100
16	13700	13400	13600	14100	13600	13900	14200	13800	14000	14200	13900	14100
17	13800	13400	13600	14100	13700	13900	14200	13800	14000	14200	13900	14100
18	13800	13400	13600	14100	13800	13900	14200	13800	14000	14200	13900	14100
19	13800	13400	13600	14100	13800	14000	14200	13800	14000	14200	13900	14100
20	13800	13400	13600	14100	13800	14000	14200	13800	14000	14200	13900	14100
21	13800	13400	13600	14100	13800	14000	14200	13900	14000	14200	13900	14100
22	13800	13500	13600	14100	13800	13900	14200	13900	14000	14200	14000	14100
23	13800	13500	13600	14100	13800	13900	14100	13900	14000	14200	14000	14100
24	13800	13500	13600	14100	13800	14000	14100	13900	14000	14200	14000	14100
25	13800	13500	13700	14100	13800	14000	14100	13900	14000	14200	14000	14100
26	13800	13500	13700	14100	13800	14000	14100	13900	14000	14200	14000	14100
27	13800	13600	13700	14100	13900	14000	14100	13900	14000	14200	14000	14100
28	13900	13600	13700	14100	13900	14000	14100	13900	14000	14200	14000	14100
29	13900	13700	13800	14000	13900	14000	14100	13900	14000	14200	14000	14100
30	---	---	---	14100	13900	14000	14200	13900	14000	14300	14000	14100
31	---	---	---	14100	13900	14000	---	---	---	14300	13900	14100
MONTH	13900	13400	13600	14100	13600	13900	14200	13800	14000	14300	13800	14100

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	14300	13900	14100	14400	14000	14200	14600	14100	14300	14600	14200	14400
2	14300	13900	14100	14400	14000	14200	14600	14100	14400	14600	14200	14400
3	14300	13900	14100	14500	14000	14200	14600	14200	14400	14600	14200	14400
4	14300	13900	14100	14500	14000	14200	14600	14200	14400	14600	14300	14400
5	14300	13900	14100	14500	14000	14200	14500	14200	14400	14500	14300	14400
6	14300	13900	14100	14400	14100	14300	14500	14200	14300	14500	14300	14400
7	14300	14000	14100	14400	14100	14200	14500	14200	14300	14500	14300	14400
8	14300	14000	14100	14400	14100	14200	14500	14200	14400	14500	14300	14400
9	14300	14000	14100	14400	14100	14200	14500	14200	14400	14600	14300	14400
10	14300	14000	14100	14400	14100	14200	14500	14200	14400	14600	14300	14400
11	14300	14000	14100	14400	14100	14200	14500	14200	14400	14600	14300	14400
12	14300	14000	14100	14400	14100	14300	14500	14200	14400	14600	14200	14400
13	14300	14000	14100	14400	14100	14300	14500	14200	14400	14600	14200	14400
14	14300	14000	14100	14400	14100	14300	14500	14200	14300	14600	14200	14400
15	14300	14000	14100	14400	14100	14300	14500	14200	14400	14600	14200	14400
16	14300	14000	14200	14400	14100	14300	14500	14200	14300	14600	14200	14400
17	14300	14000	14200	14400	14100	14300	14500	14200	14300	14600	14300	14400
18	14300	14000	14200	14400	14100	14300	14500	14200	14300	14600	14300	14400
19	14300	14000	14200	14400	14100	14300	14500	14200	14400	14600	14300	14400
20	14300	14000	14200	14400	14100	14300	14500	14200	14400	14600	14300	14400
21	14300	14000	14200	14400	14100	14300	14500	14200	14400	14600	14300	14400
22	14300	14000	14200	14400	14100	14300	14500	14200	14400	14600	14300	14400
23	14300	14100	14200	14400	14200	14300	14500	14200	14400	14600	14300	14400
24	14300	14100	14200	14400	14200	14300	14500	14200	14400	14600	14300	14400
25	14300	14100	14200	14400	14100	14300	14500	14200	14400	14600	14300	14400
26	14400	14100	14200	14400	14100	14300	14500	14200	14400	14600	14200	14400
27	14400	14100	14200	14500	14100	14300	14600	14200	14400	14600	14200	14400
28	14400	14000	14200	14500	14100	14300	14600	14200	14400	14600	14300	14400
29	14400	14000	14200	14500	14100	14300	14600	14200	14400	14600	14300	14400
30	14400	14000	14200	14500	14100	14300	14600	14200	14400	14600	14200	14400
31	---	---	---	14500	14100	14300	14600	14200	14400	---	---	---
MONTH	14400	13900	14200	14500	14000	14300	14600	14100	14400	14600	14200	14400