

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.

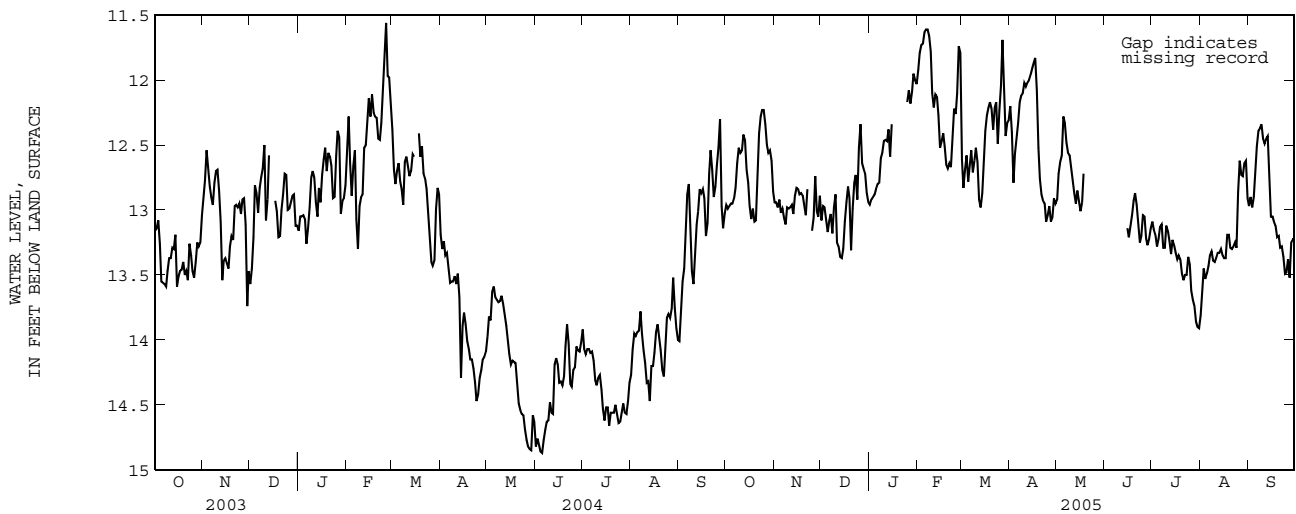
DATUM.--Land-surface datum is 14.0 ft above sea level. Measuring point: Opening in casing, 0.80 ft land-surface datum.

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 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.96	12.94	13.08	12.96	11.92	12.61	12.20	12.92	---	13.09	13.81	12.97
2	12.99	12.94	12.97	12.92	11.79	12.83	12.40	12.72	---	13.15	13.64	12.90
3	12.97	12.98	12.98	12.90	11.73	12.69	12.79	12.63	---	13.19	13.45	12.98
4	12.95	12.92	13.07	12.88	11.72	12.58	12.57	12.58	---	13.28	13.53	12.90
5	12.95	13.02	13.17	12.84	11.63	12.78	12.45	12.28	---	13.22	13.49	12.70
6	12.91	12.99	13.08	12.80	11.61	12.66	12.33	12.33	---	13.13	13.43	12.51
7	12.83	13.06	13.03	12.79	11.61	12.54	12.17	12.48	---	13.11	13.35	12.39
8	12.64	13.11	13.18	12.60	11.66	12.71	12.12	12.56	---	13.29	13.32	12.37
9	12.52	12.98	12.98	12.56	11.78	12.62	12.10	12.58	---	13.29	13.39	12.34
10	12.56	12.99	12.88	12.47	12.10	12.52	12.02	12.66	---	13.12	13.40	12.45
11	12.54	12.98	13.25	12.46	12.21	12.63	12.05	12.76	---	13.16	13.37	12.49
12	12.42	12.96	13.28	12.47	12.11	12.92	12.02	12.87	---	13.24	13.33	12.45
13	12.46	13.03	13.36	12.38	12.13	12.98	12.00	12.95	---	13.34	13.33	12.43
14	12.69	12.89	13.37	12.59	12.27	12.87	11.96	12.85	---	13.23	13.30	12.68
15	12.79	12.83	13.30	12.34	12.52	12.63	11.91	12.93	13.14	13.27	13.35	13.05
16	12.97	12.84	13.09	---	12.47	12.39	11.87	13.01	13.21	13.33	13.37	13.05
17	13.07	12.88	12.94	---	12.41	12.27	11.83	12.94	13.12	13.38	13.37	13.09
18	12.99	12.87	12.82	---	12.51	12.21	12.08	12.72	13.04	13.35	13.19	13.12
19	13.09	12.89	12.91	---	12.65	12.17	12.52	---	12.93	13.38	13.19	13.21
20	13.08	12.97	13.31	---	12.68	12.22	12.76	---	12.87	13.49	13.29	13.20
21	12.77	13.04	12.99	---	12.64	12.38	12.88	---	12.96	13.54	13.30	13.29
22	12.41	12.84	12.79	---	12.67	12.21	12.93	---	13.11	13.50	13.28	13.28
23	12.28	---	12.73	---	12.44	12.17	12.95	---	13.25	13.50	13.25	13.36
24	12.23	---	12.92	---	12.22	12.49	13.09	---	13.20	13.36	13.29	13.49
25	12.23	13.16	12.52	12.17	12.26	12.23	13.04	---	13.04	13.42	12.86	13.48
26	12.34	13.06	12.34	12.08	12.10	12.04	12.97	---	13.05	13.62	12.62	13.38
27	12.50	12.74	12.64	12.18	11.74	11.69	13.09	---	13.22	13.69	12.73	13.52
28	12.56	13.01	12.68	12.09	11.79	11.99	13.06	---	13.27	13.74	12.74	13.25
29	12.54	13.05	12.72	11.95	---	12.43	12.91	---	13.22	13.86	12.64	13.23
30	12.62	12.89	12.87	12.00	---	12.33	12.95	---	13.14	13.90	12.62	13.23
31	12.86	---	12.94	12.03	---	12.31	---	---	---	13.91	12.91	---
MEAN	12.70	---	12.97	---	12.12	12.45	12.47	---	---	13.39	13.23	12.96
MAX	13.09	---	13.37	---	12.68	12.98	13.09	---	---	13.91	13.81	13.52
MIN	12.23	---	12.34	---	11.61	11.69	11.83	---	---	13.09	12.62	12.34



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BEAUFORT COUNTY--Continued

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 2004 (discontinued).

SPECIFIC CONDUCTANCE AT 190 FEET: February 1987 to September 2004 (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. 23 to May 19, 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, 15,200 microsiemens, Sep. 17-19, 2005; minimum, 1,590 microsiemens, Feb. 27, 1987.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE AT 200 FEET: Maximum, 15,200 microsiemens, Sep. 17-19; minimum, 14,000 microsiemens, Nov. 23.

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	14600	14300	14400	14700	14400	14500	14400	14200	14300	14500	14200	14300
2	14600	14300	14400	14700	14400	14500	14400	14100	14300	14500	14200	14300
3	14600	14300	14500	14700	14400	14500	14400	14100	14300	14400	14200	14300
4	14600	14300	14500	14700	14400	14500	14400	14200	14300	14500	14200	14300
5	14600	14300	14500	14700	14400	14600	14400	14200	14300	14500	14200	14300
6	14600	14300	14400	14700	14400	14600	14400	14100	14300	14500	14200	14300
7	14600	14300	14400	14700	14400	14600	14400	14100	14300	14500	14100	14300
8	14600	14300	14500	14700	14400	14600	14400	14100	14300	14500	14100	14300
9	14600	14300	14500	14700	14400	14600	14500	14100	14300	14500	14100	14300
10	14600	14300	14500	14800	14400	14600	14500	14100	14300	14500	14100	14300
11	14700	14300	14500	14800	14400	14600	14500	14100	14300	14500	14100	14300
12	14700	14300	14500	14800	14400	14600	14500	14100	14300	14500	14100	14300
13	14700	14300	14500	14800	14400	14600	14500	14100	14300	14500	14100	14300
14	14700	14300	14500	14800	14400	14600	14500	14100	14300	14500	14100	14300
15	14700	14300	14500	14800	14400	14600	14500	14100	14300	---	---	---
16	14700	14300	14500	14800	14400	14600	14500	14100	14300	---	---	---
17	14700	14300	14500	14800	14400	14600	14500	14100	14300	---	---	---
18	14700	14300	14500	14800	14400	14600	14500	14100	14300	---	---	---
19	14700	14300	14500	14800	14400	14600	14500	14100	14300	---	---	---
20	14700	14300	14500	14800	14400	14600	14400	14200	14300	---	---	---
21	14700	14300	14500	14800	14400	14600	14500	14100	14300	---	---	---
22	14700	14300	14500	14800	14400	14600	14400	14100	14300	---	---	---
23	14700	14300	14500	14800	14000	14400	14500	14100	14300	---	---	---
24	14700	14300	14500	14500	14100	14200	14500	14100	14300	---	---	---
25	14700	14300	14500	14400	14100	14300	14500	14100	14300	14500	14200	14300
26	14700	14300	14500	14400	14100	14200	14500	14100	14300	14500	14200	14300
27	14700	14300	14500	14400	14100	14300	14500	14100	14300	14500	14200	14300
28	14700	14300	14500	14500	14100	14300	14500	14100	14300	14500	14200	14300
29	14700	14300	14500	14400	14100	14300	14500	14100	14300	14500	14200	14300
30	14700	14400	14500	14400	14100	14300	14500	14100	14300	14500	14200	14300
31	14700	14400	14500	---	---	---	14500	14200	14300	14500	14200	14300
MONTH	14700	14300	14500	14800	14000	14500	14500	14100	14300	---	---	---

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BEAUFORT COUNTY

DAY	Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	14500	14200	14300	14600	14300	14400	14600	14300	14400	14700	14400	14500
2	14500	14200	14300	14600	14300	14400	14600	14300	14500	14700	14400	14500
3	14500	14200	14300	14500	14300	14400	14600	14300	14500	14700	14400	14500
4	14500	14200	14300	14600	14300	14400	14600	14300	14500	14700	14400	14500
5	14500	14200	14300	14600	14300	14400	14600	14300	14500	14700	14400	14500
6	14500	14200	14300	14600	14200	14400	14600	14300	14500	14700	14400	14500
7	14500	14100	14300	14600	14200	14400	14600	14300	14400	14700	14400	14600
8	14500	14100	14300	14600	14200	14400	14700	14200	14500	14700	14400	14500
9	14500	14100	14300	14600	14200	14400	14600	14300	14400	14700	14400	14500
10	14500	14100	14300	14600	14200	14400	14600	14300	14500	14700	14400	14600
11	14500	14100	14300	14600	14200	14400	14600	14300	14500	14700	14400	14600
12	14500	14200	14400	14600	14200	14400	14600	14300	14500	14700	14400	14600
13	14500	14200	14400	14600	14200	14400	14600	14300	14500	14700	14400	14600
14	14500	14200	14400	14600	14300	14400	14600	14400	14500	14700	14500	14600
15	14500	14200	14400	14600	14300	14400	14600	14400	14500	14700	14500	14600
16	14500	14200	14400	14600	14300	14400	14600	14400	14500	14700	14500	14600
17	14500	14200	14400	14500	14300	14400	14600	14400	14500	14700	14500	14600
18	14500	14200	14400	14500	14300	14400	14600	14400	14500	14700	14500	14600
19	14500	14200	14400	14500	14300	14400	14600	14400	14500	---	---	---
20	14500	14200	14400	14600	14300	14400	14600	14400	14500	---	---	---
21	14500	14200	14400	14600	14300	14400	14700	14400	14500	---	---	---
22	14500	14200	14400	14600	14300	14400	14700	14300	14500	---	---	---
23	14500	14200	14400	14600	14300	14400	14700	14400	14500	---	---	---
24	14600	14200	14400	14600	14300	14400	14700	14400	14500	---	---	---
25	14600	14200	14400	14600	14300	14400	14700	14300	14500	---	---	---
26	14600	14200	14400	14600	14300	14400	14700	14400	14500	---	---	---
27	14600	14200	14400	14600	14200	14400	14700	14400	14500	---	---	---
28	14600	14200	14400	14600	14300	14400	14700	14400	14500	---	---	---
29	---	---	---	14600	14300	14500	14700	14400	14500	---	---	---
30	---	---	---	14600	14300	14400	14700	14400	14500	---	---	---
31	---	---	---	14600	14300	14400	---	---	---	---	---	---
MONTH	14600	14100	14400	14600	14200	14400	14700	14200	14500	---	---	---

Specific conductance, water, unfiltered, microsiemens per centimeter at 25 degrees Celsius
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	14800	14400	14600	14800	14500	14700	15100	14800	14900
2	---	---	---	14800	14400	14600	15000	14600	14700	15100	14800	14900
3	---	---	---	14800	14400	14600	15100	14800	14900	15100	14800	14900
4	---	---	---	14800	14400	14600	15100	14800	14900	15100	14800	14900
5	---	---	---	14800	14500	14600	15100	14800	14900	15100	14800	14900
6	---	---	---	14800	14400	14600	15100	14800	14900	15100	14800	14900
7	---	---	---	14800	14500	14600	15100	14800	14900	15100	14800	14900
8	---	---	---	14800	14500	14600	15100	14800	14900	15100	14800	14900
9	---	---	---	14800	14500	14600	15100	14800	14900	15100	14800	14900
10	---	---	---	14800	14500	14600	15100	14800	14900	15100	14800	14900
11	---	---	---	14800	14500	14600	15100	14800	14900	15100	14800	14900
12	---	---	---	14800	14500	14600	15100	14800	14900	15100	14800	14900
13	---	---	---	14800	14500	14600	15100	14800	14900	15100	14800	14900
14	---	---	---	14800	14500	14600	15100	14800	14900	15100	14800	14900
15	14700	14500	14600	14800	14500	14600	15100	14800	14900	15100	14800	15000
16	14700	14500	14600	14800	14500	14600	15100	14700	14900	15100	14700	14900
17	14700	14400	14600	14800	14500	14600	15100	14700	14900	15200	14700	14900
18	14700	14400	14600	14800	14500	14600	15100	14700	14900	15200	14700	14900
19	14700	14400	14600	14800	14400	14600	15100	14700	14900	15200	14700	14900
20	14800	14400	14600	14800	14400	14600	15100	14700	14900	15100	14700	15000
21	14800	14400	14600	14800	14400	14600	15100	14700	14900	15100	14800	15000
22	14800	14400	14600	14800	14400	14600	15100	14700	14900	15100	14800	15000
23	14800	14400	14600	14800	14400	14600	15100	14700	14900	15100	14800	15000
24	14800	14400	14600	14800	14400	14600	15100	14700	14900	15100	14800	15000
25	14800	14400	14600	14800	14500	14700	15100	14700	14900	15100	14800	15000
26	14800	14400	14600	14800	14500	14600	15000	14800	14900	15100	14800	15000
27	14800	14400	14600	14800	14500	14600	15100	14800	14900	15100	14800	15000
28	14800	14400	14600	14800	14500	14600	15000	14800	14900	15100	14800	15000
29	14800	14400	14600	14800	14500	14600	15000	14800	14900	15100	14800	15000
30	14800	14400	14600	14800	14500	14600	15100	14800	14900	15100	14800	15000
31	---	---	---	14800	14500	14600	15100	14800	14900	---	---	---
MONTH	---	---	---	14800	14400	14600	15100	14500	14900	15200	14700	14900