

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BEAUFORT COUNTY--Continued

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.

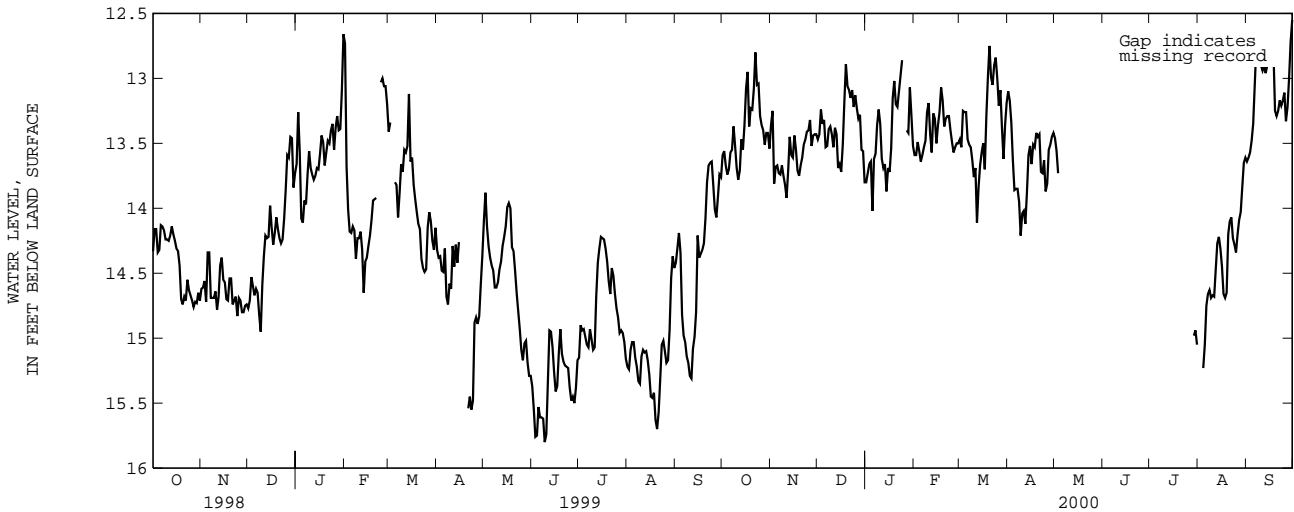
DATUM.--Land-surface datum is 140 ft above sea level. Measuring point: Opening in casing, 0.80 ft land-surface datum.

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 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	13.59	13.36	13.47	13.80	13.59	13.47	13.10	13.46	---	---	---	13.64
2	13.56	13.25	13.43	13.73	13.59	13.53	13.17	13.56	---	---	---	13.61
3	13.67	13.81	13.24	13.66	13.49	13.25	13.34	13.73	---	---	---	13.57
4	13.74	13.68	13.35	13.64	13.56	13.26	13.63	---	---	---	15.23	13.48
5	13.70	13.67	13.32	14.02	13.64	13.26	13.86	---	---	---	15.05	13.35
6	13.57	13.73	13.53	13.62	13.59	13.47	13.85	---	---	---	14.75	13.05
7	13.55	13.74	13.52	13.58	13.53	13.51	13.85	---	---	---	14.66	12.75
8	13.37	13.67	13.39	13.36	13.48	13.53	13.95	---	---	---	14.63	12.72
9	13.52	13.75	13.37	13.24	13.26	13.63	14.21	---	---	---	14.69	12.84
10	13.69	13.82	13.43	13.35	13.19	13.76	14.04	---	---	---	14.67	12.90
11	13.78	13.92	13.53	13.62	13.43	13.69	14.02	---	---	---	14.68	12.94
12	13.71	13.71	13.38	13.69	13.57	14.11	14.12	---	---	---	14.47	12.90
13	13.47	13.45	13.43	13.66	13.27	13.84	13.88	---	---	---	14.27	12.96
14	13.55	13.59	13.69	13.87	13.31	13.67	13.59	---	---	---	14.22	12.90
15	13.36	13.61	13.66	13.69	13.50	13.57	13.52	---	---	---	14.31	12.87
16	13.08	13.44	13.72	13.72	13.36	13.50	13.66	---	---	---	14.45	12.84
17	12.95	13.55	13.51	13.54	13.26	13.70	13.51	---	---	---	14.66	12.87
18	13.37	13.71	13.18	13.15	13.07	13.29	13.53	---	---	---	14.69	12.80
19	13.23	13.75	12.89	13.02	13.17	12.99	13.42	---	---	---	14.65	13.25
20	13.24	13.67	13.06	13.20	13.37	12.75	13.45	---	---	---	14.20	13.29
21	13.08	13.61	13.09	13.22	13.31	12.99	13.43	---	---	---	14.10	13.25
22	12.80	13.51	13.15	13.10	13.29	13.05	13.72	---	---	---	14.07	13.17
23	13.05	13.47	13.09	12.98	13.29	12.90	13.73	---	---	---	14.23	13.21
24	13.04	13.41	13.22	12.86	13.40	12.84	13.63	---	---	---	14.28	13.17
25	13.29	13.40	13.13	---	13.49	13.00	13.87	---	---	---	14.34	13.11
26	13.36	13.32	13.23	---	13.57	13.21	13.81	---	---	---	14.20	13.33
27	13.40	13.52	13.31	13.40	13.53	13.09	13.55	---	---	---	14.09	13.22
28	13.51	13.44	13.28	13.42	13.50	13.38	13.51	---	---	---	14.03	13.00
29	13.42	13.43	13.55	13.07	13.50	13.62	13.45	---	---	14.98	13.84	12.72
30	13.42	13.43	13.56	13.29	---	13.36	13.42	---	---	14.94	13.65	12.55
31	13.54	---	13.80	13.52	---	13.19	---	---	---	15.05	13.61	---
MEAN	13.41	13.58	13.37	13.45	13.42	13.37	13.66	13.58	---	14.99	14.38	13.08
MAX	13.78	13.92	13.80	14.02	13.64	14.11	14.21	13.73	---	15.05	15.23	13.64
MIN	12.80	13.25	12.89	12.86	13.07	12.75	13.10	13.46	---	14.94	13.61	12.55



## 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 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.--Top and bottom temperature July 1975 to October 1980.

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, 12,900 microsiemens, on several days August to September, 2000; minimum, 1,590 microsiemens, Feb. 27, 1987.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 12,900 microsiemens, on several days August to September; minimum, 9,670 microsiemens, Oct. 2.

SPECIFIC CONDUCTANCE (MICROSIEMENS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9810	9680	9730	9850	9780	9820	9910	9840	9870	9930	9870	9900
2	9790	9670	9730	9880	9780	9820	9900	9830	9870	9930	9860	9890
3	9800	9680	9730	9880	9810	9850	9900	9840	9870	9930	9860	9900
4	9790	9680	9720	9880	9800	9840	9900	9840	9870	9930	9860	9890
5	9790	9680	9720	9870	9800	9840	9900	9830	9860	9940	9870	9910
6	9790	9690	9720	9870	9800	9840	9900	9830	9870	9930	9870	9910
7	9790	9740	9770	9880	9800	9840	9910	9840	9880	---	---	---
8	9810	9740	9770	9870	9790	9830	9910	9840	9880	---	---	---
9	9810	9740	9780	9870	9800	9830	9900	9840	9870	---	---	---
10	9810	9750	9780	9870	9790	9830	9910	9840	9870	---	---	---
11	9820	9750	9780	9870	9800	9830	9910	9840	9880	---	---	---
12	9810	9740	9780	9860	9800	9840	9900	9840	9870	---	---	---
13	9820	9760	9790	9870	9810	9840	9900	9840	9870	---	---	---
14	9840	9760	9800	9870	9800	9840	9910	9840	9880	---	---	---
15	9820	9750	9790	9880	9810	9850	9920	9850	9890	---	---	---
16	9830	9760	9800	9880	9820	9850	9920	9860	9890	---	---	---
17	9840	9770	9800	9880	9820	9850	9920	9850	9890	---	---	---
18	9840	9770	9800	9880	9800	9850	9920	9850	9880	---	---	---
19	9830	9770	9800	9880	9800	9850	9920	9840	9880	---	---	---
20	9840	9770	9800	9880	9800	9840	9920	9850	9890	---	---	---
21	9850	9780	9820	9890	9810	9840	9930	9830	9890	---	---	---
22	9850	9770	9810	9890	9800	9840	9920	9830	9880	---	---	---
23	9860	9780	9820	9880	9790	9840	9920	9830	9890	---	---	---
24	9870	9790	9830	9880	9800	9840	9940	9850	9900	---	---	---
25	9870	9780	9820	9880	9790	9840	9940	9840	9900	---	---	---
26	9870	9770	9820	9880	9800	9840	9940	9860	9900	---	---	---
27	9870	9770	9820	9900	9820	9860	9940	9860	9900	---	---	---
28	9870	9760	9820	9900	9820	9860	9940	9870	9900	---	---	---
29	9860	9770	9820	9890	9810	9860	9950	9870	9910	---	---	---
30	9850	9780	9820	9900	9840	9870	9950	9870	9900	---	---	---
31	9860	9780	9820	---	---	---	9930	9860	9900	---	---	---
MONTH	9870	9670	9790	9900	9780	9840	9950	9830	9880	9940	9860	9900



