

WACCAMAW RIVER BASIN

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1986 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1986 to current year.

pH: August 1986 to September 1989 (discontinued).

WATER TEMPERATURE: August 1986 to current year.

DISSOLVED OXYGEN: August 1986 to current year.

INSTRUMENTATION.--Hydrolab and data collection platform.

REMARKS.--Prior to Oct. 1, 1991, values less than 100 microsiemens were not recordable.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 29,900 microsiemens, Sep. 22, 1989; minimum, 40 microsiemens, Aug. 30, 1992, Jan. 23, 1993, Feb. 2 - 3, 1993.

pH: Maximum, 8.0 units, May 26, 1988; minimum, 5.4 units, Sep. 29, 1987.

WATER TEMPERATURE: Maximum, 33.5°C, Aug. 1, 1999; minimum, 1.0°C, Dec. 25, 26, 1989.

DISSOLVED OXYGEN: Maximum, 12.4 mg/L, Jan. 14, 19, 1988, Jan. 25, 1994; minimum, 0.2 mg/L, Sep. 14, 1996.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 13,000 microsiemens, July 3; minimum, 70 microsiemens, many days in Oct.

WATER TEMPERATURE: Maximum, 31.0°C, July 15-21; minimum, 2.5°C, Feb. 1, 2.

DISSOLVED OXYGEN: Maximum, 12.2 mg/L, Jan. 31, Feb. 2-4; minimum, 1.6 mg/L, Oct. 3, 4.

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

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	90	80	84	80	80	80	140	130	132	138	128	129			
2	90	80	86	80	80	80	140	130	140	139	128	138			
3	90	90	90	80	80	80	150	140	146	139	139	139			
4	90	90	90	80	80	80	150	140	146	140	139	140			
5	90	90	90	80	80	80	140	140	140	150	140	142			
6	90	80	81	90	80	88	140	140	140	150	139	148			
7	80	80	80	90	90	90	140	140	140	149	149	149			
8	90	80	80	90	90	90	140	140	140	149	148	148			
9	---	---	---	90	80	84	140	130	138	148	147	148			
10	---	---	---	80	80	80	140	130	132	147	147	147			
11	---	---	---	80	80	80	130	130	130	147	146	146			
12	---	---	---	80	80	80	140	130	132	146	146	146			
13	---	---	---	80	80	80	140	130	139	146	135	138			
14	80	70	75	90	80	81	150	140	145	135	134	135			
15	80	70	78	90	90	90	161	150	154	144	134	136			
16	90	80	86	90	90	90	161	151	157	144	133	138			
17	90	80	82	100	90	95	161	151	152	133	133	133			
18	90	70	78	100	100	100	162	152	152	133	132	132			
19	80	70	70	100	100	100	1390	152	310	132	132	132			
20	80	70	70	110	100	105	183	153	161	132	131	131			
21	80	70	72	110	110	110	153	143	150	131	120	125			
22	70	70	70	120	110	113	144	143	144	120	120	120			
23	80	70	71	130	120	121	144	134	141	120	119	119			
24	70	70	70	240	120	151	135	134	135	129	119	125			
25	80	70	72	180	130	145	135	135	135	129	118	120			
26	80	70	73	150	130	138	136	135	135	118	117	118			
27	80	80	80	130	130	130	136	136	136	117	107	108			
28	80	70	72	130	130	130	147	136	137	107	106	107			
29	80	70	71	130	130	130	147	137	139	106	96	98			
30	80	70	75	130	130	130	137	137	137	96	95	95			
31	80	70	77	---	---	---	138	128	134	95	84	89			
MONTH	90	70	78	240	80	101	1390	128	147	150	84	130			



## WACCAMAW RIVER BASIN

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN												
													OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	22.0	21.5	22.0	17.0	16.5	17.0	15.0	14.0	14.5	8.5	7.0	8.0												
2	21.5	21.0	21.5	18.0	17.0	17.5	14.5	13.0	13.5	9.0	7.5	8.0												
3	22.0	21.5	21.5	17.5	16.5	17.0	13.5	12.5	13.0	9.0	8.0	8.5												
4	22.0	21.5	22.0	16.5	15.5	16.0	13.5	12.5	13.0	11.5	9.0	10.0												
5	22.0	21.5	21.5	16.0	15.0	15.5	13.0	12.0	12.5	11.5	10.0	10.5												
6	21.5	21.0	21.0	16.0	14.5	15.0	13.5	12.0	12.5	10.5	9.5	10.0												
7	21.0	20.0	20.5	16.0	14.5	15.0	12.5	11.0	12.0	11.0	10.0	10.5												
8	20.5	20.0	20.5	15.5	14.5	15.0	12.5	11.0	11.5	11.0	10.0	10.5												
9	---	---	---	16.0	14.5	15.5	12.5	11.5	12.0	11.5	10.5	11.0												
10	---	---	---	16.0	15.0	15.5	13.0	12.0	12.5	12.0	11.5	11.5												
11	---	---	---	16.5	15.5	16.0	13.0	12.0	12.5	12.0	10.5	11.5												
12	---	---	---	16.5	16.0	16.0	13.0	12.0	12.5	12.0	11.0	11.5												
13	---	---	---	16.5	15.5	16.0	13.5	13.0	13.0	13.0	11.0	12.0												
14	21.5	20.5	21.0	17.0	15.5	16.5	13.5	12.5	13.5	11.5	10.0	11.0												
15	21.0	20.5	20.5	16.5	15.5	16.0	13.0	12.0	12.5	11.0	9.5	10.5												
16	21.0	20.5	20.5	16.0	15.0	15.5	12.5	12.0	12.5	11.0	9.5	10.0												
17	21.0	21.0	21.0	15.5	14.5	15.0	12.5	11.5	12.0	10.0	9.5	9.5												
18	21.5	20.5	21.0	15.0	14.0	14.5	12.0	11.5	11.5	9.5	8.5	9.0												
19	21.0	20.5	21.0	15.0	14.0	14.5	12.0	11.5	12.0	8.5	8.0	8.0												
20	21.5	20.5	21.0	15.0	14.0	14.5	12.5	12.0	12.0	8.5	8.0	8.0												
21	20.5	19.5	20.0	15.0	14.0	14.5	12.0	11.5	11.5	8.0	6.5	7.0												
22	19.5	18.5	19.0	15.5	14.0	14.5	11.5	11.5	11.5	7.0	6.5	6.5												
23	18.5	18.0	18.0	16.0	14.5	15.0	11.5	10.5	11.0	7.0	6.5	6.5												
24	18.0	17.0	17.0	16.5	15.5	16.0	11.0	10.0	10.5	6.5	6.0	6.5												
25	17.0	16.0	16.5	16.5	16.0	16.0	10.5	9.0	10.0	6.0	5.0	5.5												
26	16.0	15.5	16.0	17.0	16.5	17.0	9.5	8.5	9.0	5.0	4.5	4.5												
27	16.0	15.0	15.5	17.0	16.5	17.0	9.0	8.0	8.5	4.5	3.5	4.0												
28	16.0	15.0	15.5	17.0	16.0	16.5	9.0	7.5	8.5	4.0	3.0	3.5												
29	16.0	15.0	15.5	17.0	16.5	16.5	8.5	7.5	8.0	3.0	3.0	3.0												
30	16.0	15.5	15.5	16.5	15.0	15.5	9.0	7.0	8.0	3.5	3.0	3.0												
31	16.5	16.0	16.5	---	---	---	8.0	7.5	8.0	3.5	3.0	3.0												
MONTH	22.0	15.0	19.3	18.0	14.0	15.7	15.0	7.0	11.5	13.0	3.0	8.1												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN												
													FEBRUARY			MARCH			APRIL			MAY		
1	4.0	2.5	3.5	15.5	13.5	14.5	18.5	17.0	17.5	20.5	20.0	20.0												
2	4.5	2.5	3.5	16.0	14.0	15.0	18.0	17.5	17.5	21.5	19.0	20.0												
3	5.0	3.0	3.5	15.0	14.0	14.5	20.0	17.5	18.0	21.5	20.0	20.5												
4	6.0	3.5	4.0	15.0	14.5	14.5	19.0	17.5	18.5	22.0	20.0	20.5												
5	5.0	4.0	4.5	15.5	13.5	14.5	20.0	17.0	18.0	22.0	20.5	21.0												
6	5.5	4.0	4.5	15.0	13.5	14.5	19.5	17.5	18.0	23.0	20.5	21.5												
7	6.0	4.5	5.0	15.5	13.5	14.5	19.0	17.5	18.0	23.0	21.0	22.0												
8	6.0	5.5	5.5	16.0	14.0	15.0	19.0	17.5	18.0	23.5	21.5	22.5												
9	6.5	6.0	6.0	---	---	---	19.0	17.0	18.0	24.0	22.0	23.0												
10	7.5	6.0	6.5	---	---	---	19.0	17.0	18.0	24.5	23.0	23.5												
11	8.5	7.0	7.5	18.0	16.5	17.0	19.0	17.5	18.0	24.5	23.5	24.0												
12	8.5	8.0	8.5	18.0	16.5	17.5	19.5	17.5	18.5	25.5	24.0	24.5												
13	9.0	8.5	8.5	17.5	16.0	17.0	18.5	17.0	18.0	26.5	24.5	25.5												
14	10.0	8.5	9.5	17.5	16.0	16.5	17.5	17.0	17.5	26.5	25.0	25.5												
15	10.5	9.5	10.0	17.0	16.0	16.5	19.0	17.5	18.0	26.0	24.5	25.5												
16	11.0	9.5	10.0	17.5	16.0	17.0	19.5	17.5	18.5	26.0	24.5	25.5												
17	10.5	10.0	10.0	18.0	16.5	17.0	19.0	18.0	18.5	25.5	24.5	25.0												
18	11.5	10.0	10.5	16.5	15.0	16.0	19.0	18.0	18.5	26.5	24.5	25.0												
19	13.0	11.0	11.5	16.0	15.0	15.5	20.0	17.0	18.5	26.5	24.5	25.5												
20	13.0	11.5	12.0	16.0	15.5	16.0	19.5	17.5	18.5	27.0	24.5	25.5												
21	12.5	11.0	12.0	16.5	15.5	16.0	20.0	18.5	19.0	26.5	25.0	26.0												
22	12.0	10.5	11.5	16.5	15.0	15.5	20.5	18.5	19.0	26.0	25.0	25.5												
23	11.5	11.0	11.5	16.0	15.0	15.5	20.0	18.5	19.0	26.0	25.0	25.5												
24	12.0	11.0	11.5	15.5	14.5	15.0	19.5	19.0	19.5	26.5	25.0	26.0												
25	12.5	11.5	12.0	16.5	15.0	15.5	20.0	18.5	19.0	26.5	25.5	26.0												
26	13.0	12.5	13.0	17.5	15.5	16.0	19.5	18.5	18.5	26.5	25.5	26.0												
27	14.0	13.0	13.5	17.5	16.5	17.0	19.5	18.0	19.0	27.5	26.0	26.5												
28	15.5	14.0	14.5	18.0	16.5	17.0	20.0	18.5	19.0	28.5	26.5	27.0												
29	14.5	14.0	14.5	17.5	16.5	17.0	19.5	18.5	19.0	27.5	26.0	27.0												
30	---	---	---	18.0	17.5	17.5	20.0	18.5	19.0	26.5	25.0	26.0												
31	---	---	---	18.0	17.0	17.5	---	---	---	26.5	24.5	25.5												
MONTH	15.5	2.5	8.9	18.0	13.5	15.9	20.5	17.0	18.4	28.5	19.0	24.3												



## WACCAMAW RIVER BASIN

02110815 WACCAMAW RIVER AT HAGLEY LANDING NEAR PAWLEYS ISLAND, SC--Continued

## OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	2.5	1.8	2.3	4.7	4.2	4.4	7.7	6.8	7.2	9.5	9.2	9.4
2	2.5	1.8	2.3	5.7	4.1	4.9	7.3	7.2	7.3	9.6	9.2	9.5
3	2.4	1.6	2.2	5.5	3.9	4.6	7.4	7.2	7.4	9.7	9.3	9.6
4	2.5	1.6	2.2	4.4	4.0	4.2	7.7	7.3	7.6	9.8	9.3	9.6
5	2.8	2.1	2.5	4.7	4.3	4.6	8.1	7.6	7.9	9.9	9.3	9.7
6	2.8	1.8	2.5	5.0	4.5	4.7	8.5	8.0	8.3	9.8	9.5	9.7
7	2.8	2.2	2.6	5.5	4.6	5.0	8.7	8.3	8.6	9.6	9.2	9.3
8	3.1	2.4	2.8	5.3	5.0	5.2	8.6	8.4	8.5	9.3	8.9	9.1
9	---	---	---	5.7	5.1	5.5	8.6	8.4	8.6	8.9	8.7	8.8
10	---	---	---	5.7	5.4	5.6	8.7	8.3	8.5	9.1	8.7	8.9
11	---	---	---	5.7	5.3	5.5	8.6	8.3	8.4	9.3	8.8	9.0
12	---	---	---	6.0	5.3	5.7	8.5	8.2	8.4	9.0	8.8	8.9
13	---	---	---	5.6	5.3	5.5	8.3	8.1	8.2	9.4	8.7	9.1
14	2.6	2.0	2.3	5.7	5.1	5.4	8.7	8.0	8.4	9.4	8.8	9.2
15	3.3	2.0	2.6	5.7	5.2	5.5	8.2	8.1	8.1	9.2	8.9	9.1
16	3.8	3.1	3.5	6.1	5.4	5.8	8.5	8.1	8.3	9.8	8.9	9.4
17	5.3	3.8	4.7	6.2	5.7	5.9	8.2	8.0	8.1	9.6	9.4	9.5
18	5.2	3.5	4.3	6.0	5.8	5.9	8.1	7.9	8.1	9.6	9.4	9.5
19	3.7	3.0	3.3	5.9	5.7	5.8	8.8	8.1	8.5	9.5	9.3	9.4
20	3.2	2.8	3.0	6.2	5.6	6.0	8.5	7.9	8.1	9.9	9.3	9.7
21	3.6	2.9	3.3	6.3	6.0	6.2	8.3	7.9	8.1	9.8	9.6	9.7
22	3.6	3.1	3.3	6.6	6.1	6.4	8.4	8.1	8.2	10.0	9.7	9.9
23	3.8	3.4	3.6	6.8	6.3	6.6	8.4	8.2	8.3	10.2	10.0	10.1
24	4.2	3.6	3.9	6.8	6.5	6.7	8.4	8.1	8.2	11.0	10.2	10.5
25	4.3	4.0	4.2	6.7	6.2	6.4	8.9	8.2	8.7	11.1	10.9	11.0
26	4.5	4.3	4.4	6.5	6.0	6.2	9.3	8.6	8.9	11.4	10.9	11.2
27	4.7	4.4	4.6	6.5	6.0	6.2	9.1	8.8	8.9	11.4	11.1	11.3
28	4.9	4.4	4.8	6.2	5.9	6.1	9.3	8.8	9.0	11.6	11.3	11.5
29	4.9	4.5	4.8	6.2	5.9	6.0	9.5	9.1	9.2	12.0	11.6	11.8
30	4.9	4.5	4.7	7.3	5.9	6.8	9.4	9.1	9.3	12.1	11.9	12.0
31	4.8	4.3	4.6	---	---	---	9.4	9.2	9.3	12.2	11.9	12.1
MONTH	5.3	1.6	3.4	7.3	3.9	5.6	9.5	6.8	8.3	12.2	8.7	9.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	12.0	11.8	11.9	8.4	7.8	8.1	6.0	5.5	5.7	6.6	6.2	6.5
2	12.2	11.9	12.1	8.2	7.7	8.0	6.3	5.6	6.0	7.1	6.5	6.7
3	12.2	12.0	12.1	7.8	7.4	7.6	7.2	6.1	6.7	6.8	6.4	6.6
4	12.2	12.0	12.1	7.8	7.0	7.3	7.7	7.0	7.2	6.9	6.4	6.6
5	12.1	11.7	11.9	7.6	7.2	7.3	7.6	6.8	7.1	6.8	6.2	6.4
6	11.9	11.7	11.8	7.6	7.1	7.4	7.4	6.6	6.9	6.4	6.0	6.2
7	11.8	11.5	11.7	7.7	7.2	7.5	7.0	6.5	6.7	6.4	5.8	6.0
8	11.8	11.4	11.6	7.8	7.3	7.6	7.5	6.5	6.9	6.0	4.6	5.4
9	11.6	11.2	11.5	---	---	---	7.8	6.9	7.3	5.5	4.5	5.0
10	11.3	10.8	11.1	---	---	---	7.3	6.7	7.0	5.6	4.5	4.9
11	10.9	10.5	10.8	7.4	6.9	7.2	7.0	6.7	6.8	5.1	4.1	4.7
12	10.5	10.1	10.3	7.9	7.2	7.5	7.0	6.8	6.9	4.9	4.2	4.6
13	10.1	9.8	10.0	7.5	6.9	7.3	7.5	6.7	7.1	5.1	4.3	4.7
14	10.2	9.6	10.0	7.0	6.6	6.9	7.5	6.9	7.2	5.0	4.2	4.6
15	9.7	9.2	9.5	6.8	6.4	6.7	7.1	6.6	6.8	5.0	4.0	4.7
16	9.5	9.1	9.3	7.1	6.4	6.7	6.9	6.1	6.7	5.8	4.7	5.4
17	9.7	9.1	9.4	7.5	7.0	7.2	7.0	6.8	6.9	5.6	4.5	5.3
18	9.5	9.1	9.3	7.8	7.3	7.6	7.7	6.7	7.0	5.0	3.8	4.6
19	9.4	9.0	9.3	7.7	7.4	7.6	7.3	6.9	7.1	5.5	3.8	4.7
20	9.2	8.8	9.0	7.7	7.0	7.3	7.0	6.7	6.7	5.6	4.9	5.1
21	8.9	8.5	8.7	7.2	6.6	6.8	6.8	6.0	6.7	5.3	4.8	5.1
22	8.9	8.5	8.7	7.7	6.6	7.0	7.4	6.5	6.8	5.2	4.7	4.9
23	8.9	8.5	8.7	7.5	7.0	7.3	6.7	6.4	6.6	5.4	4.6	4.9
24	8.8	8.5	8.7	7.1	6.8	7.0	6.5	6.3	6.4	5.3	4.3	4.9
25	8.7	8.4	8.6	6.9	6.4	6.7	7.5	6.2	6.7	5.3	4.3	5.0
26	8.7	8.3	8.5	6.8	6.2	6.6	6.9	6.4	6.7	5.4	4.2	4.7
27	8.6	8.1	8.4	6.5	5.9	6.3	6.7	6.4	6.5	5.1	4.1	4.7
28	8.4	8.1	8.3	6.8	6.4	6.5	6.9	6.4	6.6	5.2	4.2	4.7
29	8.1	7.8	8.0	6.6	5.7	6.2	6.4	6.0	6.2	5.0	3.8	4.4
30	---	---	---	6.0	5.4	5.7	6.3	6.0	6.2	5.2	4.5	4.8
31	---	---	---	6.1	5.4	5.8	---	---	---	5.1	4.4	4.7
MONTH	12.2	7.8	10.0	8.4	5.4	7.1	7.8	5.5	6.7	7.1	3.8	5.2

