

## WACCAMAW RIVER BASIN

02110809 WACCAMAW RIVER AT WACHESAW LANDING NEAR MURRELLS INLET, SC

## WATER-QUALITY RECORDS

LOCATION.--Lat 33°33'43'', long 79°05'10'', Georgetown County, Hydrologic Unit 03040206, near left bank at Wachesaw landing, 0.2 midstream of Collins Creek, 3.0 mi west of Murrells Inlet, and at mile 18.0.

PERIOD OF RECORD.--March 1986 to September 1989, July 2002 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: March 1986 to September 1989, July 2002 to current year.

pH: March 1986 to September 1989 (discontinued).

WATER TEMPERATURE: March 1986 to September 1989 (discontinued).

DISSOLVED OXYGEN: March 1986 to September 1989 (discontinued).

INSTRUMENTATION.--Water-quality multiprobe and data collection platform. Prior to September 30, 1989, USGS mini-monitor at same location.

REMARKS.--Specific conductance records rated excellent except for Dec. 28 to Mar. 3, Jul. 9 to Aug. 11, which are good, and Aug. 12-23, which are fair..

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 7,640 microsiemens, Aug. 9, 2002; minimum, 40 microsiemens, several days in March 1987.

pH: Maximum, 7.6 units, Aug. 24, Oct. 13, 14, 1987; minimum, 5.1 units, several days in July 1986.

WATER TEMPERATURE: Maximum, 31.5°C, July 20, 21, 1986; minimum, 3.5°C, Jan. 16, 17, 1988.

DISSOLVED OXYGEN: Maximum, 12.1 mg/L, Jan. 20, 1988; minimum, 2.6 mg/L, Sep. 17, 18, 1987.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 185 microsiemens, June 21; minimum, 69 microsiemens, Sep. 19, 20.

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

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	93	89	91	106	101	103	108	105	107	96	91	92
2	93	91	92	104	100	102	109	106	107	95	90	91
3	98	91	94	104	98	101	111	107	109	94	88	91
4	100	96	97	102	96	99	110	107	109	93	87	89
5	103	97	99	99	95	97	112	109	110	92	87	89
6	104	98	100	99	94	96	112	108	110	90	86	88
7	103	99	100	98	94	97	113	110	112	91	87	88
8	103	99	101	103	97	100	112	110	111	91	87	88
9	103	95	98	106	102	104	113	110	111	97	88	92
10	102	84	93	106	101	104	113	109	110	103	97	99
11	102	84	92	105	99	102	112	108	109	101	94	97
12	109	99	103	101	94	97	109	106	107	97	93	95
13	112	104	107	98	91	96	109	106	107	100	93	96
14	110	102	105	102	97	99	109	104	107	99	94	95
15	105	95	100	112	101	107	111	100	105	98	93	95
16	103	96	99	115	106	111	108	102	104	100	93	96
17	110	99	103	107	102	104	106	103	104	102	98	99
18	113	105	109	110	105	107	103	98	100	101	97	99
19	107	102	104	112	108	110	107	101	104	104	97	100
20	106	101	103	111	103	107	106	102	104	105	100	102
21	111	105	107	112	105	108	105	101	102	104	100	102
22	111	103	107	127	111	117	105	101	102	105	100	101
23	110	104	106	125	114	119	104	99	101	109	100	102
24	110	105	108	116	106	109	101	98	99	115	105	109
25	119	107	113	107	102	104	101	95	97	119	107	110
26	120	108	114	107	102	104	98	93	95	110	103	106
27	112	107	109	108	104	106	98	95	96	121	101	108
28	112	107	109	109	104	107	102	95	97	107	93	99
29	115	103	107	108	99	103	101	93	96	101	94	97
30	112	100	105	107	102	105	101	92	96	105	98	100
31	107	101	104	---	---	---	94	89	91	100	96	98
MONTH	120	84	103	127	91	104	113	89	104	121	86	97

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02110809 WACCAMAW RIVER AT WACHESAW LANDING NEAR MURRELLS INLET, SC--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	102	96	97	---	---	---	112	105	107	124	113	118
2	105	95	97	---	---	---	116	105	112	126	110	119
3	104	98	100	---	---	---	132	111	119	126	108	113
4	107	98	100	---	---	---	121	113	116	118	108	111
5	105	98	100	---	---	---	121	113	117	116	107	111
6	103	99	101	96	85	88	119	113	115	112	106	109
7	106	100	103	96	84	89	120	112	116	110	102	106
8	112	101	105	98	87	91	119	112	114	109	102	105
9	109	102	105	96	87	92	126	112	117	106	101	103
10	109	101	104	103	87	95	126	116	120	108	101	104
11	117	108	111	104	87	94	124	115	120	109	106	108
12	115	104	111	93	81	87	129	118	124	110	106	108
13	122	101	107	92	81	87	131	119	126	112	107	108
14	108	99	102	99	87	90	130	118	124	111	103	106
15	111	94	100	94	83	88	128	116	121	113	104	108
16	102	88	91	94	89	91	126	117	121	113	110	112
17	91	86	88	99	88	90	122	113	115	114	110	111
18	95	81	86	102	88	93	125	113	117	114	110	111
19	87	80	83	93	89	91	122	111	116	113	109	111
20	91	81	85	98	90	94	116	110	112	114	108	110
21	91	79	83	102	95	98	114	109	111	112	108	110
22	88	81	84	100	93	96	115	110	112	123	110	114
23	90	83	85	102	96	98	120	112	114	123	113	118
24	89	83	85	101	93	96	126	114	118	129	119	122
25	88	82	85	100	92	96	129	119	122	131	117	120
26	88	83	85	109	97	101	128	115	121	122	116	119
27	93	75	82	107	100	103	121	113	117	121	117	119
28	87	75	82	119	104	110	121	114	117	121	117	118
29	87	75	80	119	110	114	120	110	116	123	118	120
30	---	---	---	121	112	114	117	110	113	125	120	122
31	---	---	---	133	110	116	---	---	---	130	124	126
MONTH	122	75	94	---	---	---	132	105	117	131	101	113

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	133	128	131	137	132	135	137	132	134	107	88	98
2	134	130	133	147	134	140	142	133	137	108	92	98
3	136	130	134	146	138	142	143	128	138	105	87	97
4	137	132	134	144	129	137	139	122	128	99	82	87
5	138	131	134	139	127	132	129	121	124	91	80	83
6	138	132	135	135	128	131	127	121	124	91	81	83
7	139	133	137	135	131	133	129	124	126	89	80	83
8	148	137	141	136	128	131	132	126	129	88	80	84
9	156	141	149	132	123	128	132	122	127	87	79	82
10	164	147	157	131	122	126	129	124	127	93	80	83
11	166	160	163	129	123	125	131	126	128	90	77	83
12	163	159	161	127	120	123	133	128	130	88	76	78
13	171	161	164	123	118	121	130	116	122	86	75	78
14	173	166	171	123	118	120	131	112	123	84	75	77
15	173	167	171	125	120	122	132	105	121	83	74	76
16	175	163	168	124	117	121	119	96	106	79	72	74
17	171	163	166	125	119	122	108	93	101	79	70	73
18	168	163	165	127	121	123	101	93	97	74	70	71
19	168	164	166	133	124	126	104	96	101	72	69	70
20	175	166	169	130	121	125	107	101	105	72	69	70
21	185	167	177	126	118	123	110	105	108	73	70	71
22	183	166	176	124	116	120	112	106	109	74	71	72
23	175	159	165	122	115	119	116	107	111	77	73	74
24	167	156	160	121	116	118	119	104	112	80	75	77
25	162	156	158	122	116	120	114	98	108	84	77	79
26	171	155	161	128	120	122	112	94	102	84	79	81
27	174	165	170	135	126	130	104	93	99	88	81	84
28	165	146	157	141	128	137	103	91	98	92	81	86
29	147	133	138	139	132	136	122	96	103	97	82	87
30	139	130	135	140	133	135	117	91	100	94	85	89
31	---	---	---	139	132	135	111	91	99	---	---	---
MONTH	185	128	155	147	115	128	143	91	115	108	69	81