

02110760 AIW AT MYRTLEWOOD GOLF COURSE AT MYRTLE BEACH, SC--Continued

LOCATION.--Lat 33°44'26'', long 78°52'01'', Horry County, Hydrologic Unit 03040207, on East bank of the Atlantic Intracoastal Waterway, 50 ft south of Black Creek, 3.5 mi northeast of Myrtle Beach and at AIW mile 361.8.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1983 to September 1990, February 2001 to current year.

GAGE.--Data collection platform and acoustic velocity meter. Datum of gage is 12.07 ft below NGVD of 1929.

REMARKS.--This site is strongly affected by astronomical tides. The astronomical tides occur at primary harmonic periods of 12.42 hours for semi-diurnal tides and 24.84 hours for diurnal tides. Previously published 24-hour daily mean discharge for this site may have been affected by aliasing due to tides and, thus, may contain spurious fluctuations or oscillations that were not indicative of net downstream discharge. Negative flow is south towards Georgetown. Discharge records for the 1983-1990 water years were computed by utilization of a One-Dimensional unsteady flow simulation model (BRANCH) and are rated poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7,210 ft³/s, Apr. 1, 1983, maximum gage height, 18.50 ft, Apr. 1, 2003; minimum discharge, -6060 ft³/s, May 19, 2003, minimum gage height, 11.44 ft, Jan. 10, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 7,200 ft³/s, Apr. 22, maximum gage height, 18.50 ft, Apr. 22; minimum discharge, -6,060 ft³/s, May 19, minimum gage height, 11.86 ft, Jan. 20, Feb. 11.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	3370	-2930	3460	-3220	3450	-2830	3950	-3130	3350	-2930	3830	-3350
2	3370	-2750	3530	-3450	3360	-3090	3800	-2770	3280	-2790	4090	-2610
3	3410	-2810	3600	-3450	3310	-3240	4120	-3350	3010	-2630	3870	-2440
4	3400	-3680	3660	-3540	3610	-3520	3760	-3130	3090	-2320	3990	-2580
5	3610	-3610	3760	-3540	3780	-3440	3850	-3080	2620	-2120	3960	-1750
6	3620	-3710	3660	-3420	3310	-3150	3580	-2540	2700	-2230	3550	-1470
7	3720	-3830	3400	-3070	3440	-2890	3430	-2470	2730	-1980	3770	-1670
8	3660	-4060	3530	-3000	3190	-2560	3060	-1950	2520	-1780	3940	-1540
9	3670	-4540	3430	-2490	3150	-2530	3200	-1950	2610	-1940	3900	-1040
10	3650	-3730	3080	-2420	3510	-2830	2770	-1700	2760	-1790	3980	-929
11	---	---	3090	-2280	3550	-2600	3160	-2120	2720	-1540	3950	-1370
12	---	---	3140	-2280	2950	-1990	3060	-1620	2640	-2180	3840	538
13	---	---	3110	-2730	3630	-2670	3190	-2450	2980	-2130	4000	-914
14	---	---	3600	-2680	3140	-1870	3110	-2150	2850	-2300	4020	-873
15	---	---	3570	-2900	3100	-2490	2800	-2220	3250	-2300	4520	-2550
16	---	---	3620	-2960	3000	-2480	3220	-2530	3360	-3210	5280	-2350
17	4000	-3470	3750	-2730	3280	-2620	3270	-2440	3780	-3340	5160	-2250
18	3990	-2880	3160	-2570	3690	-2720	3330	-2860	3460	-3420	5360	-2720
19	3840	-3040	3680	-2660	3730	-2940	3190	-2330	3640	-3530	5510	-2860
20	3730	-2950	3460	-2900	3960	-2690	3030	-2120	3620	-2960	5790	-2530
21	3580	-3170	3760	-2770	3170	-2260	3000	-2770	3670	-3070	6170	-759
22	3620	-2760	3530	-2620	3370	-2540	3140	-2820	3770	-2810	5780	-603
23	3740	-3210	3330	-2160	3160	-2560	3120	-2980	4290	-2680	5310	585
24	3640	-3010	3340	-2500	3760	-2930	2670	-2180	3380	-2290	5280	-923
25	3620	-2930	3330	-2260	3560	-2440	2980	-2170	3280	-2220	5130	-1600
26	3260	-3030	3310	-2100	3130	-2590	3080	-2150	3510	-2340	4960	100
27	3380	-2500	3220	-2330	3550	-2550	2810	-2380	3780	-3070	4970	100
28	3250	-2600	3500	-2410	3490	-2360	3010	-2360	3540	-2730	5360	-265
29	3120	-2990	3570	-2470	3420	-2710	3060	-2580	---	---	5930	2170
30	3390	-2930	3240	-2620	3560	-2870	3230	-2710	---	---	---	---
31	3410	-2930	---	---	3550	-2940	3340	-2880	---	---	6390	4090
MONTH	---	---	3760	-3540	3960	-3520	4120	-3350	4290	-3530	---	---

WACCAMAW RIVER BASIN

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Discharge, cubic feet per second
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6500	4280	4650	-1310	3470	-3210	3860	-2810	4100	-3330	3810	-4010
2	5970	4200	4350	-2060	3550	-3130	3950	-2890	4100	-3370	3760	-3730
3	5720	3900	4410	-3010	3740	-2540	3780	-2730	3910	-3070	3640	-4120
4	5710	3150	4220	-3320	3860	-2540	3510	-2920	3800	-3430	3700	-3920
5	5180	2880	4250	-2630	3760	-1810	3570	-2670	3750	-3640	3830	-4130
6	4810	409	4150	-2630	3850	-1810	3460	-2960	3870	-3450	3800	-4990
7	5040	-115	3640	-2470	3860	-2150	3460	-3080	3950	-3700	4080	-4800
8	4710	2710	3460	-2380	3810	-1550	3500	-3340	4140	-3960	3920	-5300
9	4650	-344	3350	-2500	3760	-2920	3840	-3770	4100	-4050	4010	-5030
10	4660	-2210	3440	-2860	---	---	3990	-3500	4020	-4120	4040	-4780
11	4680	75	3530	-3260	---	---	3990	-3200	4070	-3800	4080	-4890
12	4770	-796	3590	-3150	---	---	4040	-4910	4150	-3880	4100	-4830
13	4520	-818	3700	-4200	---	---	4210	-4140	4050	-3610	3900	-3890
14	4550	-1420	3700	-4410	4000	-3670	4180	-3820	4140	-3190	3920	-3980
15	4720	-2180	3960	-4440	4010	-3600	4080	-3700	4050	-2620	3730	-4140
16	4790	-3650	3970	-4430	4080	-3990	4080	-2750	3920	-2520	3610	-3810
17	5310	-3350	4010	-5350	4340	-3430	3900	-2840	3870	-1300	3700	-4120
18	5760	-1560	4320	-6060	4420	-3480	3770	-2740	3930	-1970	3540	-2200
19	6290	1390	4390	-6060	4530	-3060	3880	-2390	3890	-1310	3230	-3330
20	6730	2100	4110	-4580	4530	382	3540	-2660	3920	-1050	3290	-3600
21	6990	3150	4040	-3100	4670	-2190	3560	-2390	3790	-1350	3540	-3820
22	7200	3910	3580	-2980	4400	-718	3350	-1750	3800	-1370	3670	-4320
23	7030	5320	3600	-2910	4290	-381	3750	-2170	3820	-1760	3590	-4680
24	6800	4870	3350	-3220	3990	-1840	3660	-3060	3830	-2960	3770	-5120
25	6610	4550	3460	-3180	4030	-1880	3630	-2820	4050	-2970	4000	-5380
26	6500	4150	3370	-2890	4020	-2040	3890	-2880	4120	-3180	4010	-5070
27	5980	3330	3400	-3520	4000	-2180	3990	-3550	4170	-3640	4110	-5580
28	5540	2880	3500	-2930	4020	-2590	3990	-3070	4160	-3590	4090	-5820
29	5380	1760	3560	-3230	3980	-2770	3940	-3350	4130	-3920	3960	-5080
30	4830	220	3450	-3390	4090	-2880	4080	-3600	4050	-3910	4060	-4820
31	---	---	3420	-2540	---	---	4070	-3570	3950	-3930	---	---
MONTH	7200	-3650	4650	-6060	---	---	4210	-4910	4170	-4120	4110	-5820