

02176711 MAY RIVER NEAR PRITCHARDVILLE, SC

LOCATION.--Lat 32°13'25'', long 80°55'13'', Beaufort County, Hydrologic Unit 03050208, 2.9 mi southeast of Pritchardville and 2.5 mi southwest of Bluffton.

DRAINAGE AREA.--14.0 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 2002 to September 2004 (discontinued).

GAGE.--Data collection platform and acoustic velocity meter. Elevation of gage is 15 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records poor. 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. Computed 24-hour daily mean discharge for this site may be affected by aliasing due to tides and, thus, may contain spurious fluctuations or oscillations that are not indicative of net downstream discharge.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,420 ft³/s, July 30, 2004, maximum gage height, 18.80 ft, Aug. 8, 2002; minimum discharge, -7,070 ft³/s, June 3, 2004, minimum gage height, 5.29 ft, Mar. 8, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,420 ft³/s, July 30, maximum gage height, 18.34 ft, Sep. 27; minimum discharge, -7,070 ft³/s, June 3, minimum gage height, 5.29 ft, Mar. 8.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	4120	-3800	---	---	2920	-2090	2980	-2830	3050	-3470	2500	-2550
2	3200	-3190	---	---	2950	-2670	3070	-3310	3480	-3410	3020	-2590
3	2800	-2920	---	---	3490	-3020	3530	-2860	3560	-3110	3380	-3070
4	2620	-2360	---	---	3980	-3190	3460	-2730	3750	-3700	3660	-3250
5	2600	-2590	---	---	4060	-3690	3990	-3370	4160	-4650	4570	-3760
6	2930	-2640	---	---	3910	-2880	3920	-3500	4090	-4990	4970	-4590
7	3500	-2460	---	---	4180	-3760	4090	-3740	4060	-3810	4920	-4920
8	3800	-2780	---	---	3930	-3750	4140	-4420	4350	-3700	4950	-5740
9	3330	-2630	---	---	3890	-3420	4490	-4680	4680	-4300	5070	-5800
10	3330	-2940	---	---	3690	-4060	4860	-4720	4600	-3730	5100	-5080
11	3330	-2560	---	---	3440	-3910	4450	-3930	3850	-3280	4910	-4030
12	2870	-2910	---	---	3600	-3160	3830	-3700	4460	-3280	4080	-3510
13	2400	-2410	---	---	3570	-3490	3730	-3310	4180	-3180	4650	-3650
14	2170	-1850	---	---	4340	-4110	4160	-3680	4420	-4280	4990	-3830
15	1860	-1620	---	---	4080	-3190	3650	-2880	4700	-3940	4540	-4010
16	1750	-1300	---	---	3670	-3350	4010	-3210	4270	-4820	3920	-3900
17	1830	-1040	---	---	2990	-2010	4090	-4060	4610	-4470	4760	-3930
18	1830	-959	---	---	---	---	4560	-5020	4830	-5380	4830	-5230
19	1640	-1360	---	---	---	---	4830	-4670	4840	-4990	5010	-4950
20	1870	-1870	---	---	---	---	5460	-5460	5370	-5280	5590	-4990
21	2070	-1770	4940	-5180	---	---	5880	-5440	4950	-4790	5590	-4920
22	2780	-2300	5430	-4970	---	---	5270	-5130	4930	-4380	5290	-4760
23	3710	-3420	5520	-5540	---	---	5030	-4630	5140	-4490	4770	-4200
24	3530	-3650	5610	-5820	---	---	5100	-3950	4450	-4030	4590	-4030
25	3860	-3180	5210	-5360	---	---	4430	-4390	4160	-4110	4340	-3170
26	3920	-2990	5570	-5990	---	---	4700	-4160	4500	-3870	3530	-2410
27	3630	-2440	5290	-4960	---	---	3460	-2900	4270	-3290	3270	-2190
28	3080	-3110	4580	-5170	---	---	3400	-2790	2670	-2850	2930	-2580
29	3440	-2710	3900	-3690	---	---	2910	-1760	2800	-2840	3310	-3390
30	2450	-2550	3860	-2720	---	---	2360	-2250	---	---	3400	-3330
31	---	---	---	---	---	---	2350	-2410	---	---	3690	-3700
MONTH	---	---	---	---	---	---	5880	-5460	5370	-5380	5590	-5800

BROAD RIVER BASIN

02176711 MAY RIVER NEAR PRITCHARDVILLE, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	3390	-3280	3910	-4460	5760	-6430	6130	-6650	5440	-6350	5050	-5010
2	4510	-3860	5220	-4630	6130	-6910	6160	-6490	5940	-6790	4750	-4370
3	4960	-4700	5570	-5380	5890	-7070	5930	-6440	6210	-5460	5160	-4600
4	5690	-5210	6170	-5950	5920	-6700	6120	-5970	5530	-5120	4350	-4230
5	5430	-5820	5840	-6520	6040	-6650	5880	-5500	4870	-4950	4100	-3670
6	5520	-5810	5710	-6290	5480	-5960	5240	-5210	4900	-4440	3810	-4460
7	6140	-5520	5740	-5140	5390	-5310	5360	-4780	4330	-4780	2840	-3690
8	5140	-5990	5740	-5050	5130	-4860	5160	-5350	4140	-3410	3370	-3300
9	5460	-4810	5360	-4930	4890	-4850	4760	-4300	3680	-3330	2850	-2810
10	5150	-4530	4980	-4510	4740	-4080	4530	-4240	3400	-3380	3150	-3450
11	4430	-4530	4940	-4520	4670	-4260	4280	-4100	3750	-3200	3860	-4180
12	4760	-4330	4500	-3980	4630	-4300	3890	-3930	4070	-3180	4550	-5570
13	3730	-4680	4590	-3930	5370	-4580	4230	-3930	3940	-4460	5250	-4880
14	2730	-2250	4610	-4170	4790	-4570	3800	-4370	4680	-3930	5260	-5400
15	5090	-3880	4700	-4430	4890	-4450	4180	-3810	4880	-5040	5340	-5050
16	4760	-4030	5190	-4520	4630	-4240	4380	-5300	4620	-4740	5160	-5320
17	5030	-4420	5580	-5100	4480	-3760	5050	-4790	4570	-4650	5000	-4320
18	5000	-4280	4580	-4600	4310	-3840	3720	-4280	4670	-4480	4410	-4080
19	4290	-4040	4590	-4410	4700	-4410	4080	-4490	4430	-4400	4340	-4320
20	4140	-4100	4240	-3950	4810	-4940	4500	-4140	4670	-3710	4480	-4150
21	4140	-3690	3720	-2970	4400	-4380	4620	-4350	4140	-3080	4750	-4670
22	4150	-3530	3810	-3330	4680	-3360	4450	-3780	4040	-3730	4320	-4330
23	4140	-2410	3600	-2850	4040	-2800	4100	-3920	4110	-4280	4060	-3640
24	3150	-2810	3560	-2660	3100	-2780	4240	-3920	4540	-4740	4410	-4220
25	3160	-2590	3320	-2970	3700	-3000	4700	-4100	4920	-4880	4980	-4660
26	3050	-2120	3300	-2730	4390	-3110	4400	-4360	4860	-5050	5300	-5480
27	2850	-2640	3120	-2270	5230	-4430	4980	-5290	5490	-5480	5200	-6040
28	3090	-2210	3040	-2970	5200	-4780	5220	-5640	5710	-6150	5080	-4820
29	3380	-2770	4290	-3570	5480	-5890	5480	-6030	5580	-5760	4550	-4710
30	3620	-3020	4670	-4960	6200	-6330	6420	-6770	4930	-5290	4300	-4500
31	---	---	5340	-5850	---	---	5960	-6570	5030	-4750	---	---
MONTH	6140	-5990	6170	-6520	6200	-7070	6420	-6770	6210	-6790	5340	-6040