

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.--Indeterminate.

## WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 2002 to current year.

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, 5,280 ft<sup>3</sup>/s, Apr. 17, 2003, maximum gage height, 18.80 ft, Aug. 8, 2002; minimum discharge, -6,800 ft<sup>3</sup>/s, Apr. 17, 2003, minimum gage height, 5.40 ft, Nov. 6, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5,280 ft<sup>3</sup>/s, Apr. 17, maximum gage height, 18.79 ft, Dec. 4; minimum discharge, -6,800 ft<sup>3</sup>/s, Apr. 17, minimum gage height, 5.40 ft, Nov. 6.

Discharge, cubic feet per second  
WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	---	---	3450	-3570	3060	-2980	3460	-2850	2630	-2750
2	---	---	---	---	3500	-3020	3070	-2480	3340	-3470	2760	-3810
3	---	---	---	---	3030	-3120	2560	-2440	3410	-3720	3440	-4410
4	---	---	---	---	3530	-3520	2940	-2930	3500	-4230	3860	-4240
5	---	---	---	---	3320	-3660	3770	-3300	3610	-4720	4120	-4790
6	---	---	---	---	3460	-3700	3950	-3720	4060	-5200	4310	-5410
7	---	---	---	---	4060	-4480	3890	-4270	4840	-5740	4250	-5340
8	---	---	---	---	4540	-4970	3790	-4670	5010	-6750	4290	-5330
9	---	---	---	---	4680	-5260	3560	-4170	4840	-6180	4220	-4500
10	---	---	---	---	4750	-5660	4010	-4900	5050	-5580	3970	-4650
11	---	---	---	---	4900	-5890	3830	-4090	4920	-5390	3880	-3600
12	---	---	---	---	4420	-5370	4360	-5760	4770	-4950	3400	-3290
13	---	---	---	---	4240	-5330	4260	-5070	4180	-3910	3030	-3110
14	---	---	---	---	4520	-5330	4180	-4210	4090	-3580	2890	-3120
15	---	---	---	---	5200	-5350	4130	-3940	3420	-3700	2800	-2960
16	---	---	---	---	4960	-4850	3800	-3640	3270	-3670	2440	-1960
17	---	---	---	---	4930	-4910	3820	-3880	3430	-3550	2550	-2690
18	---	---	---	---	4320	-4450	3650	-4060	3510	-3380	2600	-3170
19	---	---	---	---	4280	-4260	3620	-4290	3910	-3560	3280	-3960
20	---	---	---	---	4680	-4780	3890	-4930	3350	-3590	3300	-4040
21	---	---	---	---	4480	-4520	3900	-4900	3430	-3860	2930	-3450
22	---	---	---	---	4930	-5670	4030	-4660	3300	-4030	2880	-3670
23	---	---	---	---	4680	-4640	3750	-4610	3300	-2990	2550	-2940
24	---	---	---	---	4210	-5200	3280	-3890	3080	-2950	2220	-2630
25	---	---	---	---	4400	-5100	3190	-4030	2980	-3060	2510	-2490
26	---	---	---	---	4620	-3950	3470	-3860	4060	-3250	2890	-3390
27	---	---	---	---	4090	-3790	3390	-3180	2720	-2740	2530	-1590
28	---	---	---	---	4230	-2800	3240	-2510	2760	-2600	2390	-1770
29	---	---	---	---	3140	-2850	2830	-2660	2170	-2770	2420	-1790
30	---	---	---	---	2770	-2300	2670	-2310	2630	-3350	2230	-1990
31	---	---	---	---	---	---	2760	-2590	3450	-2940	---	---
MONTH	---	---	---	---	5200	-5890	4360	-5760	5050	-6750	4310	-5410

BROAD RIVER BASIN

02176711 MAY RIVER NEAR PRITCHARDVILLE, SC--Continued

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
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	2680	-2640	2950	-3640	4100	-4030	5270	-5790	4110	-4460	3830	-4760
2	2600	-2910	3490	-4100	4590	-5250	4510	-4900	3730	-4070	4230	-4260
3	3380	-3630	3950	-4720	4720	-4770	3800	-4510	3460	-4050	4020	-4590
4	3760	-4550	3910	-4750	4980	-6590	4020	-4680	3180	-3070	4120	-4710
5	3990	-4290	3840	-5050	5060	-5650	4090	-4120	2870	-2640	3960	-4070
6	4080	-5190	4180	-3890	4830	-4370	3740	-3360	2830	-2400	3310	-3730
7	4220	-5220	3370	-4060	4330	-4050	3150	-2720	2650	-1690	---	---
8	4300	-5030	2870	-3610	3910	-3510	2580	-2210	1760	-1720	---	---
9	4160	-4740	2520	-3120	3670	-3460	2300	-1790	1590	-1720	---	---
10	4370	-4280	1970	-2320	3710	-3530	2200	-1740	2380	-2310	---	---
11	3560	-3290	2200	-2200	3320	-2950	2390	-2210	2970	-2470	2900	-2400
12	3030	-3230	1940	-1540	2840	-2690	2690	-2230	2770	-2330	3030	-2380
13	2630	-3220	2550	-2140	---	---	2930	-2670	3330	-2630	2980	-3150
14	2100	-3200	2500	-2590	---	---	2980	-2780	2610	-2830	3220	-3680
15	2640	-3250	2600	-3250	---	---	2560	-2920	3410	-3670	3810	-4100
16	2810	-2730	2510	-3340	---	---	3550	-3660	3910	-5480	4270	-5070
17	2890	-2660	3140	-2930	---	---	3370	-3310	4620	-5640	4860	-5370
18	3000	-2930	2640	-3050	3610	-4430	3790	-4310	4030	-5010	4980	-6110
19	2900	-3190	2560	-3170	4030	-4550	3170	-3630	4560	-4860	4860	-6340
20	3040	-3110	2590	-3650	4510	-3960	3150	-3380	4100	-4630	4850	-5530
21	2590	-3350	2580	-3650	3380	-3230	3440	-3230	4310	-4370	4520	-5660
22	2670	-3260	2510	-2680	3230	-3490	3600	-4140	4030	-3900	4540	-4740
23	2700	-2810	1910	-2670	3250	-3380	3300	-2390	2930	-3070	4200	-3930
24	2240	-2620	2080	-2410	4490	-4250	2890	-3360	3260	-3190	4050	-4050
25	2170	-2750	1990	-1710	2150	-1920	3420	-2490	2970	-3460	3930	-3970
26	2290	-2870	3570	-3180	3990	-4230	3700	-3530	3170	-3800	3780	-3750
27	2310	-2340	3130	-3410	3760	-3810	3280	-3120	3530	-4180	3780	-4120
28	2210	-2450	3660	-3960	3120	-3360	3350	-3510	3890	-4420	3730	-4210
29	2590	-2350	3700	-3910	3040	-3260	4000	-3820	---	---	3960	-3870
30	2440	-3370	2870	-2550	4360	-4710	4000	-4500	---	---	4110	-4240
31	2320	-3250	---	---	4380	-5080	3800	-4370	---	---	4490	-4210
MONTH	4370	-5220	4180	-5050	---	---	5270	-5790	4620	-5640	---	---

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	3690	-3590	4120	-4370	3560	-4260	3970	-5220	4330	-5170	3860	-4370
2	3310	-3350	4010	-4730	3700	-4360	3940	-3250	4270	-3880	3830	-3860
3	3660	-3210	4010	-4200	3650	-4780	4150	-3940	4250	-3710	3670	-3720
4	3660	-3600	3320	-5050	3330	-3620	4090	-3650	4180	-3800	3650	-4070
5	3520	-3140	3840	-4010	3080	-3340	3920	-3190	4540	-3910	3410	-4610
6	3460	-3670	3690	-3460	3450	-3520	3750	-3630	4220	-4930	3540	-4450
7	3360	-2800	3890	-2470	3730	-3780	3740	-3620	4660	-4430	3840	-4020
8	3860	-3890	3320	-2420	3410	-3760	3800	-4280	4300	-4870	4210	-4390
9	3790	-3530	3180	-2750	3430	-3780	4550	-5250	4720	-5950	4360	-4900
10	3810	-3300	2930	-3180	3860	-4910	4390	-5230	4540	-5050	3870	-4240
11	3700	-4320	3600	-3220	4320	-5300	4640	-5500	4850	-5030	4010	-4480
12	3930	-3710	3680	-3800	4950	-5660	4990	-5370	4890	-4910	3930	-4040
13	4170	-4850	4490	-5080	5010	-6420	4840	-5120	4890	-4820	3900	-2930
14	4480	-5220	4790	-5760	4770	-5800	4610	-5180	4680	-4150	3570	-3320
15	4990	-5600	4860	-5610	4850	-5730	4440	-4900	3980	-3880	3180	-2410
16	5000	-6250	5040	-5900	4640	-4860	4210	-3740	3930	-3340	2750	-2450
17	5280	-6800	5260	-5990	4460	-4840	4520	-3310	3390	-2640	2740	-2190
18	4970	-6500	4800	-5970	4230	-3840	4020	-3490	3200	-2210	3090	-2110
19	5180	-5520	4680	-5100	4210	-3420	3460	-2710	3660	-2900	2090	-1470
20	4870	-5200	4060	-4720	3480	-3620	3510	-2930	3340	-2940	2480	-1900
21	4840	-4410	3880	-4350	3450	-3870	3900	-2810	3010	-2880	2950	-3120
22	4560	-4540	3490	-3760	3740	-3670	3210	-3080	3530	-2770	3040	-3180
23	3810	-4010	3280	-3100	3730	-3790	3330	-2020	2720	-3550	3650	-4090
24	3440	-3570	3330	-3340	3650	-3230	2720	-1900	3620	-3500	4170	-4380
25	3180	-3590	3480	-3470	3530	-3550	3520	-2810	4100	-4780	4590	-4850
26	3720	-4050	3580	-3560	3820	-3960	4140	-3910	4480	-4960	4550	-4910
27	3700	-4490	3530	-3310	3990	-4010	4130	-3630	4730	-5530	4490	-4700
28	3970	-4260	3530	-3970	4040	-4230	4510	-4350	4570	-5660	4330	-4460
29	4100	-4500	3270	-3880	4100	-4340	4310	-5650	4310	-5440	4370	-3450
30	4010	-4470	3480	-4400	4000	-4880	4140	-4310	4440	-4650	4200	-3340
31	---	---	3690	-3550	---	---	4230	-4760	4440	-4080	---	---
MONTH	5280	-6800	5260	-5990	5010	-6420	4990	-5650	4890	-5950	4590	-4910