

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°53'36'', long 80°06'08'', Dorchester County, Hydrologic Unit 03050202, on pier at Bakers Landing II
Subdivision off SC Hwy 642, 3.5 mi north of Dorchester State Park, and 2.5 mi southeast of Stallsville.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 2001 to current year. Gage height records began April 2001.

GAGE.--Data collection platform and acoustic velocity meter. Elevation of gage is 10 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records fair. 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, 15,700 ft³/s, Sep. 1, 4, 2001, maximum gage height, 34.91 ft, July 21, 2001; minimum discharge, -13,300 ft³/s, Sep. 16, 2001, minimum gage height, 24.68 ft, Aug. 19, 2001, Feb. 28, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 12,800 ft³/s, Apr. 4, 6, maximum gage height, 34.05 ft, Sep. 27; minimum discharge, -9,220 ft³/s, Sep. 27, minimum gage height, 24.87 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	11200	-7440	10500	-6400	---	---	---	---	10100	-4680	5080	-5150
2	11200	-7360	10400	-6250	---	---	---	---	10400	-5100	5200	-4720
3	10700	-7170	10500	-6170	---	---	---	---	10500	-5490	6050	-5130
4	11200	-5920	10500	-6530	---	---	---	---	8810	-5460	6950	-5820
5	12100	-5750	10600	-6350	---	---	---	---	11500	-5900	8290	-5940
6	10800	-5940	---	---	---	---	---	---	12000	-6080	9530	-7410
7	10800	-5840	9410	-5940	---	---	---	---	7980	-6780	8940	-7630
8	11700	-6010	10000	-5930	---	---	---	---	9560	-5030	9190	-7610
9	11800	-6410	---	---	---	---	---	---	11900	-5320	11100	-7870
10	11800	-6330	---	---	---	---	---	---	9890	-5450	10900	-7320
11	11800	-6440	---	---	---	---	---	---	7380	-5190	11100	-7490
12	11800	-6380	---	---	---	---	---	---	8000	-5720	10300	-6700
13	11500	-6130	---	---	---	---	---	---	8740	-5670	9910	-5760
14	10900	-6110	---	---	---	---	---	---	8340	-7180	9840	-6040
15	9170	-4990	---	---	---	---	---	---	9720	-5690	8720	-5670
16	11400	-5400	---	---	---	---	---	---	10700	-6880	9120	-6350
17	10000	-5050	---	---	---	---	---	---	10700	-6620	10400	-7050
18	11100	-4890	---	---	---	---	---	---	10500	-7440	12500	-7520
19	10900	-4760	---	---	---	---	---	---	11300	-7630	10900	-5830
20	10400	-5770	---	---	---	---	---	---	10800	-7760	12000	-7080
21	11300	-5600	12300	-7090	---	---	---	---	8600	-6750	11700	-7210
22	11900	-6220	---	---	---	---	---	---	10200	-6860	11300	-5690
23	11800	-6870	---	---	---	---	---	---	9510	-7190	10900	-5630
24	10800	-7060	---	---	---	---	---	---	8850	-6440	11700	-4800
25	11700	-7850	---	---	---	---	---	---	8590	-5630	11000	-4340
26	11800	-7660	---	---	---	---	---	---	9830	-8780	8540	-4030
27	11800	-8140	---	---	---	---	---	---	7420	-5780	8120	-3830
28	11800	-7670	---	---	---	---	---	---	6260	-5430	6000	-5390
29	12600	-7910	---	---	---	---	---	---	5600	-5690	7890	-4350
30	11400	-6730	---	---	---	---	---	---	---	---	10100	-5690
31	10900	-6870	---	---	---	---	5530	-3970	---	---	11000	-5090
MONTH	12600	-8140	---	---	---	---	---	---	12000	-8780	12500	-7870

ASHLEY RIVER BASIN

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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	8980	-4180	10300	-4890	12100	-6710	11900	-7440	12600	-8170	10900	-5880
2	9490	-5220	12400	-5240	12000	-7260	11900	-7340	11200	-7930	9880	-5850
3	11900	-5840	11400	-6340	12200	-7130	12600	-7270	11900	-6760	10100	-5650
4	12800	-6480	12000	-7010	12200	-7210	12100	-7310	12500	-6450	9690	-5250
5	12400	-6570	12500	-7250	12200	-6900	12200	-7130	12400	-6640	9020	-4580
6	12800	-7220	12200	-7190	11200	-6990	11900	-6450	11600	-6220	10500	-5320
7	12000	-6570	12100	-6560	11200	-6220	12400	-6190	11700	-6200	8370	-6020
8	12600	-6650	11600	-6010	12400	-5930	12300	-6110	10500	-5410	7270	-5710
9	12200	-6460	12000	-6080	11800	-5930	10900	-5470	9380	-4940	6220	-4630
10	11300	-6270	11400	-5510	10900	-5730	11800	-5570	8140	-5090	7080	-6180
11	12100	-5870	11700	-5390	10800	-5580	11400	-5400	7770	-4920	10000	-6880
12	10900	-5370	10900	-5920	10500	-5910	10400	-5050	8900	-4570	10700	-8150
13	11700	-4950	10100	-5680	10700	-6100	10200	-5970	9090	-5910	10600	-7850
14	8540	-5220	10200	-6450	11700	-5760	10400	-5680	11900	-8980	10500	-8240
15	10700	-4910	10800	-5720	10500	-5590	10300	-5810	11800	-7700	10500	-8190
16	11500	-6450	11900	-5200	10700	-5170	12100	-5690	11500	-5900	10700	-8800
17	11200	-6950	11800	-5930	10800	-4980	11900	-5490	11000	-5310	11500	-7640
18	10100	-6820	11000	-6400	9590	-5350	10100	-5460	11600	-5490	8840	-7060
19	10200	-6030	11600	-5510	9520	-5760	10000	-5670	11500	-5430	9610	-7010
20	9840	-5480	9780	-4770	11400	-5950	11100	-5980	10800	-5260	10600	-6730
21	9570	-5060	8920	-4820	10500	-5600	11600	-6220	9560	-4670	10400	-7690
22	10200	-4770	9980	-4490	12500	-4790	10600	-5510	10800	-5020	9770	-7000
23	9390	-4420	9590	-4680	9510	-4480	10400	-5500	11100	-5550	10100	-6970
24	8200	-4520	8600	-4580	8180	-4260	10100	-5200	11300	-5770	10100	-6890
25	7810	-4100	8170	-4400	8390	-4690	10600	-5420	10700	-6710	10700	-7100
26	7280	-3500	7990	-3970	9590	-4740	11700	-5860	11700	-6030	10700	-7710
27	7200	-4060	8300	-4210	11800	-6620	11400	-5800	11000	-7070	12400	-9220
28	6770	-4230	7640	-4500	11700	-5510	11900	-6970	11400	-7830	12700	-7870
29	7250	-4190	10300	-5340	12500	-6390	12100	-8170	12200	-7890	10300	-7880
30	8920	-5020	12200	-5980	11200	-6650	11600	-7570	11100	-6300	10300	-7320
31	---	---	12500	-6560	---	---	12000	-8390	10400	-5720	---	---
MONTH	12800	-7220	12500	-7250	12500	-7260	12600	-8390	12600	-8980	12700	-9220