

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, 15,100 ft³/s, Mar. 20, maximum gage height, 34.39 ft, Apr. 17; minimum discharge, -11,100 ft³/s, Apr. 17, minimum gage height, 25.11 ft, Jan. 30.

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	10500	-5480	11200	-6420	8770	-6890	11600	-9750	10300	-5770	9980	-6410
2	11100	-5820	11700	-6670	11000	-8150	11100	-7340	12400	-6250	10300	-7910
3	11200	-6150	11300	-6880	10200	-8920	10900	-7910	11400	-5930	9120	-7240
4	11400	-7050	11300	-7420	12200	-8890	10100	-7450	9520	-6110	10200	-6310
5	11100	-7270	12100	-8480	11100	-7690	11200	-7590	6300	-4180	9210	-6630
6	11100	-7330	11600	-6940	9650	-6060	8440	-5760	7410	-4560	7320	-6200
7	11200	-7870	11100	-7190	9940	-5530	8120	-5630	7340	-4200	6740	-5390
8	11700	-8360	11300	-6280	9240	-4890	5920	-5320	6850	-4020	7120	-5970
9	11500	-8590	11500	-5430	9100	-4690	5130	-5300	6140	-4020	7560	-5600
10	11200	-7690	10200	-5360	9490	-5720	5400	-4270	5940	-4330	7120	-4520
11	10500	-8000	8360	-4920	8120	-6220	4960	-4680	6040	-4480	7410	-4490
12	9710	-5750	6260	-5060	5120	-3520	4540	-5400	6270	-4830	6170	-4930
13	10000	-5570	7280	-4650	6170	-4960	10200	-4600	8250	-4880	6680	-5990
14	9560	-6250	9050	-6130	7230	-5830	9060	-4900	7930	-4860	8700	-6410
15	10500	-7390	9790	-6510	6400	-5280	6380	-4590	10300	-5710	11000	-6100
16	10800	-6280	9760	-6880	6960	-5390	10900	-5810	12200	-6740	11100	-7380
17	11500	-5660	9710	-7250	8080	-5650	7830	-5770	11900	-6770	10800	-8920
18	10600	-5890	8310	-7080	9610	-5690	10900	-6050	11700	-6410	11300	-9200
19	10500	-5470	10300	-7010	10600	-6210	8920	-6420	12400	-6840	11600	-8820
20	10500	-6030	9460	-7880	10400	-7750	7400	-5480	11600	-6230	15100	-8780
21	9880	-5700	10300	-7130	6920	-6090	10400	-6360	11200	-5980	14200	-8230
22	9540	-5370	8920	-6590	8630	-5300	11100	-5450	11300	-7110	12400	-7520
23	9450	-5620	7860	-5820	8180	-5550	8800	-5250	11400	-5150	12200	-7280
24	9770	-5620	7810	-6090	10800	-6220	7560	-5010	9500	-4700	11500	-6080
25	9590	-5570	7250	-6100	9070	-5520	7140	-5010	8660	-4780	11700	-6050
26	9180	-5530	7690	-7410	8270	-5770	10200	-5010	10200	-4890	9730	-5870
27	9090	-5040	7430	-5990	8840	-6830	7110	-4460	11000	-5970	9810	-5720
28	10600	-4570	8650	-6020	8210	-5870	10300	-6080	9230	-6570	10300	-6250
29	10100	-5510	9060	-7510	8940	-6240	11300	-5320	---	---	11100	-7330
30	9130	-5040	6240	-6410	10400	-7010	11300	-6080	---	---	---	---
31	11900	-5840	---	---	10000	-7030	9860	-5850	---	---	10000	-8320
MONTH	11900	-8590	12100	-8480	12200	-8920	11600	-9750	12400	-7110	---	---

ASHLEY RIVER BASIN

02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, 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
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	8500	-7400	10800	-7170	10700	-7250	11000	-8450	10900	-6890	10400	-9220
2	---	---	10600	-7570	10700	-7910	11400	-7160	11500	-6480	10300	-8250
3	---	---	9540	-8260	11200	-7670	9240	-7320	10700	-7350	10500	-8070
4	6830	-7490	10100	-6940	10200	-7060	9020	-6770	8180	-7140	10600	-7950
5	8230	-6830	11100	-8250	8520	-7520	9110	-6990	8500	-7820	11600	-8120
6	7530	-6780	10700	-6410	9140	-7650	8330	-7380	10500	-7760	11800	-8510
7	9500	-6230	6560	-6020	10200	-6490	8390	-6800	10800	-7920	11300	-8450
8	9030	-7240	7870	-5370	9180	-6910	8360	-7090	---	---	12000	-8250
9	10100	-7240	6930	-5590	8580	-6620	11500	-7460	12100	-9570	12600	-8690
10	9390	-6840	7140	-5730	11300	-8840	12200	-8440	12500	-8700	13000	-7380
11	9490	-7340	7910	-6470	12300	-8910	12700	-8720	11100	-8780	11700	-6890
12	10500	-6650	8280	-7060	12500	-8930	12800	-9270	11100	-8100	12100	-6140
13	10500	-7520	12200	-8260	13000	-9640	12200	-8590	11100	-8830	11300	-5820
14	---	---	12300	-8750	13000	-9620	11600	-8960	11100	-8370	10400	-6870
15	---	---	12200	-10000	13000	-9450	12300	-8200	9840	-7510	9210	-6230
16	12300	-9070	12400	-8100	13300	-8850	11400	-8560	9010	-7350	8430	-5530
17	13800	-11100	12200	-9070	12800	-7790	10900	-7490	6970	-6430	8750	-5460
18	---	---	12100	-9310	11500	-7940	8930	-6490	5720	-6990	7070	-5360
19	12600	-9080	12800	-8420	11800	-7340	8470	-6890	7870	-6890	5320	-5380
20	11800	-9260	11600	-7800	9380	-6150	6920	-7560	6530	-6250	9260	-6900
21	13200	-8220	11300	-7530	9970	-7100	5920	-7250	7800	-6070	10400	-8200
22	12000	-8230	9700	-7060	9770	-4680	5810	-6660	6200	-6040	11300	-8090
23	10400	-7050	9320	-6000	8810	-4370	6330	-5750	6580	-6770	11400	-7130
24	10200	-7420	8560	-7410	7710	-4690	6100	-3890	9550	-7890	11800	-7980
25	9700	-7110	8710	-7330	7580	-5550	6440	-6610	11200	-7930	12000	-8560
26	9710	-7540	8250	-6630	9010	-6640	8570	-6180	11600	-8250	12100	-8430
27	9230	-8630	8280	-7960	10200	-8150	10500	-7380	11600	-9290	12100	-8440
28	10200	-8730	10400	-8350	10900	-8450	10200	-5710	11200	-8760	11800	-8570
29	10300	-8560	9650	-7810	9890	-8440	11600	-6910	11400	-9060	11400	-8260
30	10300	-8010	11000	-7270	11000	-7940	11600	-7300	11800	-9720	11500	-7980
31	---	---	9580	-7230	---	---	11500	-6640	11800	-8610	---	---
MONTH	---	---	12800	-10000	13300	-9640	12800	-9270	---	---	13000	-9220