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 May 2005 (discontinued). 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 astromomical 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 ft^3/s, Sep. 1, 4, 2001, maximum gage height, 34.91 ft, July 21, 2001; minimum discharge, -13,300 ft^3/s, Sep. 16, 2001, minimum gage height, 24.68 ft, Aug. 19, 2001, Feb. 28, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 12,600 ft^3/s, May 4, maximum gage height, 34.15 ft, Feb. 28; minimum discharge, -9,950 ft^3/s, Mar. 10, minimum gage height, 24.42 ft, Dec. 12.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	10200	-6120	10200	-5190	8930	-4700	8150	-5150	11200	-5510	10200	-4300
2	10300	-5430	10300	-5140	10500	-5470	8620	-4860	10600	-5310	5580	-5360
3	9420	-5750	8180	-5360	8700	-4890	6470	-4870	10600	-5890	6890	-5500
4	8350	-5810	10300	-4950	6930	-4160	6800	-4390	9830	-5900	7690	-5300
5	8740	-4850	9550	-5000	6620	-4980	7400	-4610	11400	-6770	6050	-5900
6	9910	-5260	8440	-5220	7310	-4790	9950	-5060	11900	-7920	9970	-6870
7	10400	-4850	7450	-4580	9030	-4610	11500	-5670	11800	-7940	10100	-7010
8	10100	-5200	9840	-5010	9370	-4700	11200	-6530	11400	-8420	11200	-8630
9	11600	-4900	11300	-5660	11700	-5690	11900	-6930	11600	-7530	10800	-8740
10	11900	-5070	12100	-6160	11300	-6010	11600	-8000	11600	-6850	11300	-9950
11	10300	-5820	11900	-6580	12100	-6950	11900	-7620	10900	-6840	10800	-8380
12	11300	-6640	12400	-7010	12200	-6910	11900	-7200	12100	-6250	8430	-7840
13	11400	-7000	11500	-6880	12400	-6390	11700	-6780	11800	-5590	9010	-8420
14	11000	-6680	11100	-7600	11600	-6540	11300	-6450	11700	-4820	9900	-5010
15	11800	-7340	12100	-7630	11600	-6640	11200	-6000	7320	-4480	9470	-4480
16	12000	-6170	10800	-6670	11500	-6040	11200	-5850	7020	-4700	10300	-4360
17	11200	-5970	10600	-6560	11200	-6050	10200	-5850	6370	-4640	9130	-4640
18	11000	-5860	11700	-6080	11500	-5520	10400	-5500	7300	-4500	8330	-4060
19	11600	-6260	11500	-5640	9320	-5210	10600	-5410	7530	-4700	10400	-4420
20	11000	-5480	10800	-5410	7430	-4900	7470	-4730	7430	-5040	10100	-4970
21	10400	-6210	10500	-5600	10300	-5350	11000	-5380	8070	-5110	7360	-5700
22	11100	-7520	11900	-5810	10700	-5550	10600	-6060	8890	-4900	11100	-4980
23	11100	-7290	11400	-6310	10300	-5260	7690	-5270	11800	-5630	12200	-6350
24	11600	-7260	10900	-6630	10800	-5840	12000	-5430	11800	-6160	8880	-6690
25	11000	-7580	11500	-5740	11300	-6030	11300	-5540	11400	-5640	11100	-7480
26	11100	-7450	11900	-6070	9630	-6760	12000	-6160	11900	-6140	11100	-7580
27	10600	-7190	10600	-6490	---	---	11200	-6010	11100	-8970	12000	-7930
28	11300	-6780	11200	-5190	---	---	---	---	12000	-8030	12500	-7130
29	11300	-6690	11000	-5910	12000	-5330	10900	-5680	---	---	8390	-8250
30	11200	-6450	10500	-5540	9680	-5160	11800	-5510	---	---	11200	-6240
31	10300	-5570	---	---	9840	-5050	11200	-5230	---	---	10800	-7000
MONTH	12000	-7580	12400	-7630	---	---	---	---	12100	-8970	12500	-9950
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02172084 ASHLEY RIVER AT BAKERS LANDING NEAR NORTH CHARLESTON, SC--Continued

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	10800	-7230	12100	-5550	---	---	---	---	---	---	---	---
2	11500	-7810	11400	-5750	---	---	---	---	---	---	---	---
3	6050	-5750	11600	-5790	---	---	---	---	---	---	---	---
4	7710	-7090	12600	-5980	---	---	---	---	---	---	---	---
5	10100	-8080	11700	-7430	---	---	---	---	---	---	---	---
6	11300	-8310	11500	-6450	---	---	---	---	---	---	---	---
7	12100	-9800	11600	-6930	---	---	---	---	---	---	---	---
8	11700	-9290	10900	-7070	---	---	---	---	---	---	---	---
9	11400	-9050	---	---	---	---	---	---	---	---	---	---
10	11700	-9220	---	---	---	---	---	---	---	---	---	---
11	12000	-9070	---	---	---	---	---	---	---	---	---	---
12	11700	-8630	---	---	---	---	---	---	---	---	---	---
13	10700	-6830	---	---	---	---	---	---	---	---	---	---
14	9160	-5700	---	---	---	---	---	---	---	---	---	---
15	9970	-5880	---	---	---	---	---	---	---	---	---	---
16	8920	-5540	---	---	---	---	---	---	---	---	---	---
17	9630	-5690	---	---	---	---	---	---	---	---	---	---
18	8110	-5920	---	---	---	---	---	---	---	---	---	---
19	5900	-6450	---	---	---	---	---	---	---	---	---	---
20	6280	-6610	---	---	---	---	---	---	---	---	---	---
21	8980	-7220	---	---	---	---	---	---	---	---	---	---
22	11400	-7410	---	---	---	---	---	---	---	---	---	---
23	9310	-7070	---	---	---	---	---	---	---	---	---	---
24	11200	-6850	---	---	---	---	---	---	---	---	---	---
25	12200	-7090	---	---	---	---	---	---	---	---	---	---
26	12200	-6430	---	---	---	---	---	---	---	---	---	---
27	12000	-5970	---	---	---	---	---	---	---	---	---	---
28	12100	-5520	---	---	---	---	---	---	---	---	---	---
29	11400	-5170	---	---	---	---	---	---	---	---	---	---
30	11800	-5610	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	12200	-9800	---	---	---	---	---	---	---	---	---	---