

021720696 WANDO RIVER AT CAINHOY, SC

LOCATION.--Lat 32°55'24'', long 79°49'35'', Charleston County, Hydrologic Unit 03050201, on upstream side of bridge on State Road 41, 0.5 mi south of Cainhoy, and at mile 9.2.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1992 to September 1995, May 2004 to September 2004.

GAGE.--Data collection platform and acoustic velocity meter. Datum of gage is 10.62 ft NGVD of 1929.

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, 74,900 ft³/s, July 4, 2004, maximum gage height, 16.46 ft, Dec. 31, 1994; minimum discharge, -53,300 ft³/s, June 3, 2004, minimum gage height, 5.61 ft, Feb. 4, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 74,900 ft³/s, July 4, maximum gage height, 16.08 ft, Sep. 27; minimum discharge, -53,300 ft³/s, June 3, minimum gage height, 6.30 ft, May 4.

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

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	---	---	52600	-32900	66400	-45300	71300	-45700	71900	-47000	61000	-39100
2	---	---	62600	-38700	70000	-51700	71700	-43800	73500	-45200	61200	-37900
3	---	---	63100	-41000	70600	-53300	71000	-47000	73000	-41000	61700	-36500
4	---	---	70700	-45300	71500	-49000	74900	-45100	66700	-40800	57000	-27900
5	---	---	69900	-48900	68400	-49200	71100	-42200	60100	-37400	49100	-27400
6	---	---	70200	-49500	66500	-50000	67700	-41300	53100	-41500	55500	-28400
7	---	---	71200	-45100	64200	-41100	62200	-36600	55700	-39400	38000	-27200
8	---	---	67600	-44100	60600	-39200	57900	-35400	49000	-31800	41400	-25800
9	---	---	64400	-37200	58700	-37000	53800	-34600	44100	-28600	41200	-23400
10	---	---	61000	-36700	54400	-37300	51600	-33400	39400	-29900	44900	-25000
11	---	---	56800	-36700	52100	-36600	50600	-32400	39500	-29200	51500	-29200
12	---	---	51900	-35500	52100	-37300	48200	-32400	43800	-27400	59300	-32000
13	---	---	51600	-35400	59300	-39800	49200	-34400	46500	-36600	64100	-38000
14	---	---	49600	-36600	55900	-43100	52300	-31500	66700	-35400	62000	-37000
15	---	---	51600	-38700	53500	-36500	49500	-35500	56500	-42300	61200	-37100
16	---	---	55300	-38400	52500	-35400	55800	-37400	58100	-36700	63200	-38600
17	---	---	55100	-42200	52900	-36600	59200	-37300	57500	-34500	62600	-36200
18	---	---	54600	-38300	52500	-36200	57900	-36400	58400	-39800	57200	-32200
19	---	---	55500	-35700	52300	-35600	48000	-33100	57400	-38000	56400	-33300
20	---	---	55500	-33200	55400	-37200	55800	-36900	54400	-36000	61900	-40000
21	---	---	49500	-33000	59100	-41700	53700	-38100	50500	-31300	61400	-37600
22	---	---	49000	-36200	58700	-32600	51700	-32900	54600	-30700	56200	-33800
23	---	---	46700	-34600	50000	-33100	51200	-32200	54000	-30600	53200	-32000
24	---	---	42200	-33000	37800	-34400	49800	-32600	57600	-33100	60800	-34900
25	---	---	43100	-30400	41200	-32800	51100	-31400	58200	-32200	66200	-43800
26	---	---	40600	-30500	44800	-33000	55400	-34200	62000	-37900	66200	-43400
27	---	---	37300	-33000	58500	-36800	62100	-36300	66200	-38800	70100	-49500
28	---	---	39100	-33000	57400	-34800	66900	-40300	67500	-44900	69500	-47900
29	---	---	50200	-32600	65700	-39000	67300	-43400	70300	-39900	59400	-40900
30	---	---	62000	-41800	68300	-43300	70900	-44600	66600	-42200	61700	-39700
31	---	---	63100	-42500	---	---	72600	-49300	64500	-38400	---	---
MONTH	---	---	71200	-49500	71500	-53300	74900	-49300	73500	-47000	70100	-49500