

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 May 2005 (discontinued).

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, 5.47 ft, Mar. 12, 2005.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 69,000 ft³/s, Feb. 8, maximum gage height, 16.16 ft, Feb. 27; minimum discharge, -42,700 ft³/s, Feb. 6, minimum gage height, 5.47 ft, Mar. 12.

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

DAY	MAX		MIN		MAX		MIN		MAX		MIN		MAX		MIN	
	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH										
1	61600	-39600	41200	-23700	40400	-20900	31400	-19600	33000	-21000	45200	-27200				
2	56300	-35400	37700	-24600	36200	-21600	38600	-18900	39900	-23000	25600	-23400				
3	48600	-33600	32400	-23700	27400	-18200	19800	-20000	44000	-22500	38900	-24800				
4	45800	-32000	39000	-22100	22600	-18200	25000	-20800	41400	-21300	39400	-24800				
5	42000	-27100	39600	-23700	21700	-15200	21000	-18300	52800	-27900	27900	-29600				
6	41400	-29600	31200	-20700	20700	-18100	36700	-19600	61600	-42700	41200	-29100				
7	39000	-19600	26700	-21400	36400	-18700	44800	-21100	63700	-37100	45400	-31500				
8	42400	-22200	37700	-22400	37100	-18400	56400	-36400	69000	-42400	61000	-39100				
9	45100	-30600	44000	-26300	45600	-26000	55600	-35000	67500	-41100	58200	-36300				
10	52400	-30000	54100	-31500	59500	-32000	64300	-42300	59300	-42200	57900	-35800				
11	54200	-32200	58900	-32500	54500	-37400	67300	-37600	59100	-38700	56800	-36400				
12	60300	-38100	62600	-36500	56100	-31500	64300	-35200	57300	-39700	52100	-31400				
13	62900	-39600	62800	-37500	55300	-31800	61100	-33300	51800	-28100	46000	-34200				
14	59100	-40500	64200	-35900	58100	-27100	49700	-28400	51400	-29500	47700	-28800				
15	67600	-39500	68200	-35300	55100	-27700	52200	-29900	31800	-19600	43300	-29000				
16	62000	-39400	59500	-32400	---	---	42900	-27800	27200	-21200	37800	-20600				
17	62600	-36500	56300	-29200	---	---	---	---	23600	-22300	39700	-18600				
18	57900	-34100	51700	-26800	---	---	---	---	26500	-19000	28300	-14900				
19	56900	-30700	46600	-24200	---	---	---	---	21400	-19100	29500	-19800				
20	51100	-31800	41500	-25000	---	---	22600	-19800	21400	-22300	28400	-23100				
21	51700	-31400	40400	-24600	43700	-20700	41400	-27400	35800	-24400	31700	-24600				
22	---	---	48400	-28300	34200	-22900	43600	-22200	39800	-28400	44400	-24100				
23	---	---	49900	-31100	38000	-20800	---	---	47400	-29400	45900	-30900				
24	---	---	51600	-34200	37800	-22400	---	---	51300	-34400	48500	-31900				
25	64700	-41300	52600	-26800	41800	-28100	39700	-23200	44400	-33600	56900	-33300				
26	61500	-41500	49500	-28000	40000	-29300	46100	-31200	48500	-35600	56900	-32800				
27	58900	-38600	50900	-30500	42400	-22100	39200	-23200	51100	-37100	58000	-35600				
28	60000	-35200	47000	-27500	43900	-21500	47700	-22700	53900	-32600	58600	-32500				
29	58700	-33400	41500	-23000	42400	-21500	42000	-28900	---	---	48100	-32100				
30	57000	-33100	42000	-21900	35100	-18200	42200	-23300	---	---	55400	-28500				
31	46200	-28300	---	---	43600	-20800	35600	-20400	---	---	52500	-33500				
MONTH	---	---	68200	-37500	---	---	---	---	69000	-42700	61000	-39100				

