

COOPER RIVER BASIN

02172053 COOPER RIVER AT MOBAY NEAR NORTH CHARLESTON, SC

LOCATION.--Lat 32°59'00'', long 79°55'23'', Berkeley County, Hydrologic Unit 03050201, on right bank of Cooper River, 9.9 mi from confluence of East and West Branch Cooper River and at mile 19.4.

DRAINAGE AREA.--Indeterminate.

DISCHARGE RECORDS

PERIOD OF RECORD.--October 1983 to current year. Discharge records available for the period March 2004 to May 2005 (discontinued).

GAGE.--Data collection platform. Datum of gage is 6.38 feet below NGVD of 1929 (U.S. Army Corps of Engineers bench mark).

REMARKS.--Gage height affected by tide and regulation from Lake Moultrie (see station 02172000). Flow diverted to Santee River Basin for power generation since October, 1986 (see station 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 13.24 ft, Sep. 22, 1989; minimum gage height, 1.75 ft, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 8,8200 ft³/s, Feb. 28, maximum gage height, 11.42 ft, Feb. 27; minimum discharge, -63,500 ft³/s, Jan. 12; minimum gage height, 2.51 ft, Dec. 12.

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

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	69300	-55400	62200	-49900	64400	-45100	62300	-47400	70300	-44200	67300	-39900
2	72400	-57100	64800	-49100	67400	-43200	60600	-45800	76200	-38500	57700	-40200
3	67000	-47500	64100	-44200	62500	-39700	61800	-32300	74300	-58600	61900	-41200
4	64100	-46200	62300	-46500	61800	-34100	60100	-41500	76000	-55700	64200	-48000
5	69200	-46500	63800	-48100	63300	-38100	68000	-41800	81800	-60700	70200	-45900
6	65700	-47100	66300	-47000	63200	-38100	63700	-46700	85500	-59500	70500	-50600
7	66600	-45800	66700	-36200	65700	-46600	69700	-51400	83200	-61000	70600	-53800
8	74700	-45100	64400	-47700	64100	-45600	73300	-57400	81800	-62500	85000	-55600
9	73200	-47200	72200	-48200	73100	-53100	77500	-55900	81400	-59600	75400	-58500
10	77500	-49300	73700	-53600	76100	-53200	87800	-62400	80400	-52400	75600	-56400
11	74800	-50800	77700	-53000	75500	-57800	84400	-59000	74800	-51600	76100	-51700
12	77200	-49700	79800	-57200	73800	-55200	78300	-63500	74800	-49800	71100	-56200
13	76100	-52100	74200	-55200	72600	-55000	82400	-62500	70500	-48600	66100	-52800
14	76800	-49500	78200	-60200	73600	-54800	74300	-54000	67200	-46000	65500	-49000
15	78000	-54600	80900	-57800	72800	-55300	70000	-54000	57800	-42300	66500	-45100
16	71100	-60200	77600	-53000	70600	-51400	72100	-45600	63800	-43500	65500	-42700
17	70800	-55100	75200	-54800	68200	-48800	75900	-48400	61000	-41300	65900	-38700
18	73300	-53300	73200	-51100	66600	-47200	67500	-44900	82700	-37000	68800	-41200
19	70500	-46700	68000	-51000	65400	-43800	71400	-49700	69100	-43900	71400	-37200
20	67600	-51000	67600	-48400	64700	-41300	63600	-49200	67000	-45000	72800	-43000
21	73400	-55900	69000	-46800	70000	-48400	69800	-54600	69000	-52100	69200	-40600
22	77200	-57700	73700	-52600	70700	-46200	82400	-54300	69100	-49200	73500	-51600
23	83100	-54600	73300	-50300	65000	-51800	62000	-44300	71100	-49900	71300	-53300
24	83800	-56400	72900	-52700	64500	-48800	74800	-55400	76000	-50500	69000	-54800
25	77800	-55400	71700	-45000	67500	-54200	68600	-47800	72400	-51200	71900	-54400
26	79000	-55100	67900	-51500	78200	-58200	74200	-51400	72100	-50400	79600	-55300
27	77400	-55700	72000	-58600	71300	-52500	66600	-54100	77000	-63200	81800	-55500
28	76000	-49700	72500	-39500	70300	-50600	80100	-50800	88200	-52300	78600	-39900
29	74700	-54100	67700	-50600	69200	-50500	75500	-50900	---	---	67000	-51100
30	73200	-50700	71300	-47600	63600	-48900	72300	-51100	---	---	71600	-48900
31	68400	-48700	---	---	65100	-46000	69700	-42800	---	---	72600	-52500
MONTH	83800	-60200	80900	-60200	78200	-58200	87800	-63500	88200	-63200	85000	-58500

