

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.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1983 to current year.

GAGE.--Data collection platform. Datum of gage is 6.38 feet below sea level (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 gage height, 11.84 ft, Mar. 20; minimum gage height, 2.78 ft, Feb. 20.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	10.96	5.25	8.36	10.25	4.91	7.90	9.73	5.12	7.74	9.42	4.26	6.98
2	10.86	5.41	8.36	10.49	3.80	7.97	10.01	5.20	7.98	9.39	4.27	6.98
3	10.54	5.23	8.11	9.44	4.21	7.00	10.13	4.95	7.94	9.55	4.27	7.14
4	10.36	5.09	8.04	9.85	4.33	7.55	10.06	4.95	7.76	9.51	4.53	7.12
5	10.61	5.04	8.21	9.75	4.58	7.43	10.09	4.88	7.78	9.07	3.53	6.68
6	11.07	5.50	8.62	9.69	4.23	7.20	10.09	5.02	7.43	9.88	4.37	7.42
7	10.98	5.46	8.62	9.69	4.01	7.23	9.78	4.07	7.49	9.89	4.39	7.30
8	10.99	5.61	8.68	10.10	4.69	7.62	10.25	5.11	7.83	9.94	4.60	7.53
9	10.82	5.30	8.45	10.13	4.84	7.65	10.33	5.15	7.75	10.11	4.88	7.60
10	10.61	5.20	8.21	9.92	4.84	7.46	10.04	4.77	7.39	9.89	4.34	7.28
11	10.60	5.23	8.20	9.76	4.82	7.32	9.88	4.66	7.36	9.39	4.23	6.87
12	10.66	5.45	8.34	10.10	5.51	7.80	10.08	5.32	7.73	9.29	4.24	6.91
13	10.67	5.87	8.59	10.27	5.91	8.08	9.75	5.09	7.50	9.41	3.98	6.84
14	10.16	5.76	8.09	9.59	5.39	7.44	9.20	4.69	7.11	9.20	4.19	6.59
15	10.39	6.41	8.40	9.88	5.22	7.57	9.34	5.03	7.10	9.45	4.23	7.23
16	10.37	6.40	8.56	9.85	5.72	7.86	9.27	4.60	7.12	9.59	3.29	6.79
17	10.38	5.77	8.81	9.90	5.54	7.92	9.51	4.76	7.43	9.61	4.35	7.21
18	9.78	5.87	7.94	9.73	4.84	7.76	9.85	4.85	7.80	10.63	4.16	7.94
19	10.42	6.43	8.52	9.70	4.61	7.54	10.79	4.74	8.31	10.86	3.99	8.11
20	10.16	5.41	8.28	9.99	4.15	7.62	10.74	4.20	7.90	10.55	3.83	7.60
21	10.67	5.57	8.37	10.33	4.02	7.76	10.66	3.56	7.82	10.79	3.62	7.72
22	11.02	5.67	8.71	10.93	4.01	8.02	11.02	3.60	7.78	11.11	3.93	7.92
23	10.54	4.99	8.07	11.21	4.39	8.15	11.14	3.83	7.87	11.09	4.52	7.93
24	10.95	4.75	8.18	11.35	4.40	8.16	10.79	3.56	7.47	11.06	4.45	8.09
25	10.95	4.21	7.97	11.26	4.46	8.06	10.92	3.81	7.64	10.38	4.82	7.73
26	10.95	4.03	7.84	11.16	4.60	8.04	10.54	4.26	7.42	9.84	4.74	7.39
27	10.75	4.10	7.63	10.53	4.39	7.65	10.35	4.00	7.34	9.56	4.89	7.37
28	10.71	4.17	7.66	10.46	4.75	7.71	9.85	4.79	7.34	9.34	4.88	7.21
29	10.67	4.44	7.74	10.22	5.05	7.74	9.41	4.56	7.02	9.43	5.51	7.54
30	10.52	4.75	7.77	9.81	4.90	7.61	9.32	4.25	7.03	9.48	4.44	7.09
31	10.20	4.64	7.61	---	---	---	9.11	4.32	6.79	8.79	4.22	6.70
MONTH	11.07	4.03	8.22	11.35	3.80	7.69	11.14	3.56	7.55	11.11	3.29	7.32

