

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK, SC

LOCATION.--Lat 33°03'27'', long 79°56'11'', Berkeley County, Hydrologic Unit 03050201, on right bank, 6.2 mi downstream from Seaboard Coast Line Railroad bridge, 7.4 mi upstream from Goose Creek, and at mile 28.5.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1981 to current year.

GAGE.--Data collection platform. Datum of gage is 14.34 ft below sea level (U.S. Army Corps of Engineers benchmark).

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, 20.31 ft, Sep. 5, 1987; minimum gage height, 10.49 ft, Mar. 14, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 19.07 ft, Mar. 20; minimum gage height, 11.94 ft, Jan. 16, Mar. 12.

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	18.44	14.68	16.76	17.80	13.85	16.13	17.45	14.44	16.13	16.97	12.92	15.17
2	18.46	14.78	16.80	18.06	13.45	16.36	17.82	14.39	16.35	16.94	12.82	15.14
3	18.14	14.44	16.53	17.12	13.34	15.33	17.77	14.24	16.24	17.16	13.19	15.45
4	17.97	14.31	16.37	17.54	13.72	15.89	17.64	14.22	16.04	17.10	13.57	15.40
5	18.24	14.26	16.47	17.57	13.77	15.78	17.68	13.81	16.01	16.84	12.93	15.02
6	18.62	14.93	16.86	17.34	13.46	15.57	17.70	14.15	15.81	17.65	13.47	15.72
7	18.58	15.01	16.93	17.43	13.08	15.54	17.66	13.10	15.76	17.60	13.73	15.68
8	18.63	15.14	16.99	17.75	13.69	15.90	17.96	14.37	16.17	17.50	13.62	15.74
9	18.34	14.82	16.84	17.65	13.92	15.92	---	---	---	17.70	14.00	15.89
10	18.30	14.74	16.58	17.47	13.87	15.78	17.61	13.90	15.72	17.43	13.69	15.63
11	18.26	14.48	16.49	17.56	13.78	15.67	17.42	13.42	15.55	17.10	13.17	15.23
12	18.14	14.69	16.57	17.63	14.04	15.94	17.68	14.28	15.98	17.03	12.92	15.22
13	18.29	15.28	16.84	17.89	14.91	16.33	17.38	14.17	15.75	17.10	12.93	15.23
14	17.83	14.82	16.38	17.30	14.15	15.70	16.96	13.70	15.45	16.74	12.81	14.83
15	18.01	14.99	16.58	17.65	13.65	15.76	16.95	13.58	15.34	17.13	13.27	15.61
16	18.07	15.21	16.75	17.54	14.65	16.15	16.96	13.66	15.50	17.22	11.94	15.20
17	18.24	15.50	17.18	17.67	14.89	16.28	17.19	13.87	15.73	17.14	11.96	15.38
18	17.58	14.84	16.32	17.46	13.87	16.13	17.49	14.13	16.04	18.05	13.73	16.30
19	18.15	15.21	16.76	17.41	13.87	15.87	18.20	14.09	16.63	18.37	13.80	16.48
20	17.97	14.91	16.70	17.54	13.90	15.92	18.30	14.45	16.45	18.01	13.64	16.04
21	18.39	14.79	16.62	17.77	13.58	16.04	18.19	13.35	16.23	18.36	13.21	16.08
22	18.54	15.23	17.03	18.29	13.50	16.36	18.35	13.78	16.27	18.46	13.72	16.30
23	18.22	14.41	16.49	18.54	14.24	16.59	18.50	13.64	16.32	18.49	13.99	16.36
24	18.57	14.47	16.58	18.54	14.14	16.60	18.17	13.56	16.00	18.62	13.90	16.56
25	18.46	13.94	16.44	18.55	14.16	16.53	18.38	13.34	16.11	17.93	14.26	16.23
26	18.40	13.82	16.31	18.47	14.17	16.55	17.96	13.88	15.97	17.54	13.88	15.89
27	18.10	13.79	16.11	18.09	13.87	16.19	17.88	13.01	15.71	17.37	14.09	15.87
28	18.06	13.57	16.09	17.90	13.86	16.07	17.49	13.82	15.73	17.14	14.04	15.61
29	18.10	13.84	16.15	17.70	14.16	16.03	17.00	13.46	15.30	17.18	14.10	15.79
30	17.93	13.96	16.11	17.45	14.18	15.95	16.93	13.18	15.31	17.12	12.96	15.37
31	17.79	13.81	15.99	---	---	---	16.73	13.18	15.05	16.68	12.96	15.05
MONTH	18.63	13.57	16.57	18.55	13.08	16.03	18.50	13.01	15.89	18.62	11.94	15.66

