

COOPER RIVER BASIN

370

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 NGVD of 1929 (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, 19.17 ft, Sep. 27; minimum gage height, 11.34 ft, Nov. 29.

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	18.38	14.69	16.76	18.11	14.87	16.63	16.61	13.08	15.00	16.84	13.22	15.24
2	18.31	14.85	16.78	18.33	14.89	16.80	16.67	13.59	15.21	16.94	13.19	15.38
3	18.36	15.10	16.87	18.32	15.49	17.04	17.04	13.76	15.65	16.87	13.19	15.14
4	18.17	14.91	16.73	18.09	14.94	16.75	17.44	14.30	16.19	16.92	13.17	15.18
5	18.00	13.85	16.17	17.92	14.61	16.50	17.61	14.16	16.03	17.06	13.16	15.25
6	18.03	14.07	16.17	17.79	14.43	16.27	17.10	13.77	15.64	16.82	12.57	15.00
7	18.07	14.10	16.21	17.88	14.30	16.26	17.82	14.09	16.11	17.44	13.12	15.54
8	18.07	14.19	16.24	18.18	14.61	16.59	18.16	14.24	16.24	17.59	13.54	15.69
9	18.10	14.19	16.26	18.10	15.05	16.69	18.07	14.28	16.21	17.64	13.36	15.76
10	18.00	14.40	16.38	18.47	14.92	16.69	18.05	14.30	16.32	17.89	13.83	15.95
11	18.00	14.60	16.44	17.92	14.50	16.25	17.24	12.73	15.41	17.86	14.01	15.92
12	18.08	14.81	16.59	17.51	14.00	15.81	17.55	13.35	15.63	17.16	13.12	15.28
13	17.90	14.69	16.47	16.76	13.12	15.09	17.90	14.22	16.17	16.84	12.51	14.93
14	18.10	14.85	16.62	17.29	13.39	15.42	18.46	14.95	16.48	17.31	13.54	15.55
15	17.46	14.06	15.91	17.35	13.68	15.60	17.31	13.72	15.59	16.98	13.06	15.13
16	17.69	14.45	16.11	17.06	13.63	15.40	17.34	13.90	15.73	17.34	13.69	15.81
17	17.53	14.38	16.09	16.76	13.41	15.26	17.33	12.76	15.39	17.53	13.60	15.87
18	17.44	14.25	15.97	17.33	13.79	15.70	16.87	12.96	15.32	17.81	13.09	15.72
19	17.56	14.55	16.13	17.51	13.80	15.99	16.90	12.85	15.15	17.33	12.65	15.49
20	17.65	14.14	16.00	17.64	13.70	15.90	17.12	12.74	15.26	18.23	13.42	16.06
21	17.63	14.12	16.04	18.07	14.43	16.45	17.87	12.98	15.76	18.19	13.42	16.03
22	17.85	13.27	15.78	18.08	13.94	16.30	18.00	13.06	15.76	18.16	13.18	15.78
23	18.31	14.46	16.58	18.30	13.78	16.27	18.05	12.96	15.79	17.48	12.49	15.29
24	18.31	14.43	16.61	18.39	13.67	16.25	18.01	13.38	15.80	17.47	12.93	15.40
25	18.50	14.33	16.51	18.32	13.42	16.20	17.71	12.91	15.44	18.14	13.28	16.00
26	18.14	13.80	16.23	18.40	14.30	16.48	17.66	12.88	15.49	17.80	14.21	16.16
27	18.35	13.95	16.35	18.39	14.25	16.44	17.75	13.25	15.69	17.46	13.96	15.94
28	18.39	14.03	16.42	18.06	13.82	16.03	17.50	13.43	15.63	16.84	13.24	14.98
29	18.38	14.14	16.57	16.75	11.34	14.51	17.16	13.57	15.49	16.67	12.97	15.07
30	18.24	14.18	16.54	17.10	13.32	15.32	16.86	12.86	15.01	16.33	12.69	14.76
31	18.25	14.87	16.62	---	---	---	16.64	13.39	15.26	16.29	13.41	15.22
MONTH	18.50	13.27	16.36	18.47	11.34	16.10	18.46	12.73	15.67	18.23	12.49	15.50

COOPER RIVER BASIN

02172050 COOPER RIVER NEAR GOOSE CREEK, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	17.19	14.00	15.72	16.69	13.18	15.14	17.09	13.84	15.62	17.26	13.59	15.72
2	17.47	14.23	16.05	16.48	12.64	14.78	16.97	13.62	15.50	17.61	13.68	15.74
3	17.52	13.78	15.66	16.40	12.49	14.65	17.41	13.84	15.82	17.53	12.91	15.56
4	---	---	---	16.75	12.78	15.04	17.62	13.57	15.65	18.16	13.19	15.75
5	17.73	13.13	15.78	17.01	12.86	15.23	17.92	13.47	15.96	18.12	13.34	15.91
6	17.71	13.66	15.88	17.04	12.87	15.12	18.10	13.61	15.96	18.23	12.98	15.75
7	16.93	12.59	15.05	17.32	12.15	14.95	18.03	13.13	15.81	18.24	13.79	15.97
8	16.95	11.62	14.76	17.38	12.18	14.91	17.79	13.40	15.68	18.24	13.67	15.95
9	17.66	12.98	15.40	17.85	13.43	15.80	17.82	13.73	15.81	18.02	14.10	16.07
10	17.09	12.88	15.20	17.93	13.78	16.00	18.02	14.15	16.05	17.87	14.21	16.05
11	16.92	12.78	15.03	17.88	13.61	15.92	17.75	13.76	15.75	17.76	14.11	16.02
12	17.27	13.90	15.70	17.68	13.22	15.52	17.46	14.10	15.98	17.55	13.96	16.00
13	17.36	13.65	15.58	17.34	13.70	15.59	17.54	13.59	15.73	17.32	13.68	15.82
14	17.38	13.74	15.71	17.60	13.75	15.75	16.38	12.51	14.60	17.51	13.48	15.75
15	17.72	13.95	16.06	17.30	13.49	15.54	17.07	12.54	15.26	17.45	13.42	15.69
16	17.77	13.96	16.06	17.35	13.64	15.66	17.44	13.45	15.71	17.52	13.37	15.59
17	18.04	13.88	16.26	17.42	13.90	15.85	17.25	13.30	15.56	17.49	12.99	15.45
18	18.08	13.59	15.95	17.98	14.02	16.15	17.27	12.65	15.18	17.62	12.90	15.41
19	17.89	13.30	15.79	17.72	13.75	15.94	17.16	12.40	14.97	17.68	13.04	15.41
20	17.92	13.31	15.80	18.15	14.40	16.40	17.28	12.20	14.84	17.33	13.06	15.26
21	17.29	12.96	15.26	17.57	13.55	15.82	17.41	13.18	15.17	17.24	13.07	15.06
22	17.61	12.75	15.50	17.96	13.26	15.81	17.30	12.88	15.11	17.30	12.95	15.04
23	17.45	13.57	15.70	17.93	13.82	15.93	17.09	13.20	14.98	17.32	13.19	15.10
24	17.55	13.97	15.93	17.86	13.39	15.60	17.00	13.09	14.86	17.00	13.44	15.10
25	17.80	14.68	16.32	17.38	13.10	15.31	16.72	13.47	15.08	16.95	13.31	14.99
26	18.24	15.34	16.82	16.89	12.92	14.95	16.90	13.78	15.25	16.72	13.13	15.04
27	17.59	14.16	16.08	16.94	13.49	15.03	16.67	13.81	15.20	16.56	12.92	15.07
28	17.43	14.55	16.16	16.65	13.55	15.16	16.75	14.33	15.55	16.98	13.06	15.35
29	17.39	13.88	15.57	17.37	14.98	16.12	16.92	14.07	15.64	17.35	13.06	15.46
30	---	---	---	17.58	15.19	16.39	16.96	13.78	15.60	18.11	13.81	16.15
31	---	---	---	17.66	14.29	16.24	---	---	---	17.96	13.06	15.87
MONTH	---	---	---	18.15	12.15	15.56	18.10	12.20	15.46	18.24	12.90	15.58

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	18.04	12.39	15.51	18.28	13.15	15.95	18.70	13.73	16.27	17.94	13.74	15.89
2	18.38	12.91	15.85	18.24	13.16	15.82	18.52	14.17	16.40	17.77	13.85	16.13
3	18.33	12.91	15.82	18.37	13.18	15.85	18.49	14.50	16.48	17.86	14.41	16.28
4	18.17	13.05	15.75	18.32	13.84	16.05	18.18	14.20	16.37	17.68	14.11	16.12
5	18.14	13.45	15.77	18.27	14.16	16.14	17.94	14.18	16.29	17.85	14.55	16.41
6	18.24	14.13	16.13	18.14	13.99	16.04	17.59	13.93	16.14	18.07	14.86	16.63
7	18.06	14.07	16.09	17.95	14.15	16.22	17.91	14.55	16.45	17.86	14.84	16.65
8	17.89	14.15	16.09	17.64	13.89	16.12	17.59	14.24	16.13	17.60	14.92	16.48
9	17.71	14.07	16.04	17.53	13.99	16.04	17.62	13.74	15.90	17.00	13.57	15.50
10	17.55	13.93	16.07	17.74	13.75	15.99	17.36	13.80	15.73	17.28	13.13	15.37
11	17.59	13.32	15.80	17.73	13.84	15.98	17.22	13.50	15.55	17.77	13.74	15.82
12	17.64	13.50	15.82	17.59	13.82	15.88	17.23	13.23	15.45	18.30	14.07	16.28
13	18.20	14.47	16.46	17.52	13.44	15.66	17.32	12.75	15.18	18.43	14.36	16.42
14	17.84	14.36	16.23	17.52	13.30	15.50	17.36	13.26	15.55	18.29	14.53	16.53
15	17.90	13.72	15.99	17.57	13.37	15.55	17.54	12.79	15.32	18.12	14.23	16.38
16	17.41	13.48	15.62	17.97	13.73	15.82	17.68	13.23	15.45	18.05	14.26	16.30
17	17.60	13.25	15.40	---	---	---	17.96	13.55	15.71	18.18	14.47	16.37
18	17.54	13.01	15.32	17.56	13.26	15.55	17.76	14.05	15.95	17.42	13.27	15.50
19	17.76	13.62	15.51	17.80	13.85	15.75	17.76	13.85	15.76	17.78	13.43	15.88
20	18.13	14.35	16.01	17.73	13.96	15.73	17.49	13.57	15.56	18.29	14.59	16.61
21	18.13	14.48	16.32	17.66	13.85	15.78	17.12	13.11	15.32	18.73	14.92	16.92
22	18.16	14.43	16.08	17.53	13.95	15.85	17.13	12.70	15.21	18.32	14.61	16.67
23	17.20	13.54	15.24	17.47	14.03	15.86	17.64	13.38	15.82	17.87	14.15	16.26
24	16.69	13.22	15.06	17.31	13.73	15.72	17.91	13.71	16.08	18.37	14.42	16.51
25	16.93	12.79	15.26	17.32	13.35	15.68	18.05	13.78	16.18	18.45	14.68	16.71
26	16.87	13.06	15.18	17.57	13.22	15.73	17.98	13.36	15.97	18.80	14.63	16.83
27	17.46	13.17	15.59	17.94	13.46	15.90	18.29	13.24	16.05	19.17	15.13	17.21
28	17.39	12.69	15.48	18.05	12.85	15.74	18.48	13.76	16.35	18.04	13.73	16.40
29	17.93	12.38	15.52	18.05	12.45	15.61	18.15	14.03	16.21	17.74	13.17	15.70
30	18.29	12.73	15.78	18.35	13.19	15.94	17.90	13.78	16.08	17.85	13.77	16.11
31	---	---	---	18.52	13.77	16.25	17.99	13.64	15.86	---	---	---
MONTH	18.38	12.38	15.76	---	---	---	18.70	12.70	15.90	19.17	13.13	16.30