

021720711 COOPER RIVER AT CUSTOMS HOUSE AT CHARLESTON, SC

LOCATION.--Lat 32°46'44'', long 79°55'26'', Berkeley County, Hydrologic Unit 03050201, at South Carolina State Ports Authority Dock, 0.25 mi east of Customs House at Charleston.

DRAINAGE AREA.--Indeterminate.

PERIOD OF DAILY RECORD.--October 1985 to current year.

GAGE.--Data collection platform. Datum of gage is 17.12 ft below NGVD of 1929.

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 23.65 ft, Jan. 1, 1987; minimum gage height, 10.88 ft, Mar. 13, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 22.58 ft, Apr. 17; minimum gage height, 13.13 ft, Nov. 6.

Gage height, feet												
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003												
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	21.21	16.50	18.75	21.28	15.23	18.54	20.21	14.08	17.39	21.91	14.11	17.78
2	21.05	15.79	18.51	21.36	14.84	18.51	21.24	13.87	17.79	20.93	13.72	17.52
3	21.22	15.13	18.31	21.47	14.64	18.31	20.98	13.76	17.79	21.23	14.24	17.56
4	21.60	14.68	18.35	21.65	14.25	18.21	22.30	14.61	18.48	20.94	13.69	17.60
5	21.48	14.42	18.25	22.20	14.32	18.51	21.93	14.50	18.10	21.17	14.91	17.95
6	21.69	14.25	18.30	21.59	13.13	17.41	21.33	14.53	17.85	20.56	14.61	17.39
7	22.01	14.67	18.52	21.55	14.32	17.92	20.96	14.78	17.73	---	---	---
8	22.20	14.78	18.70	21.35	15.28	18.17	20.59	14.89	17.58	---	---	---
9	22.44	15.66	18.92	21.01	15.47	18.07	20.75	15.38	17.94	---	---	---
10	22.09	15.85	18.96	20.64	15.61	17.94	21.18	16.62	18.73	19.13	15.03	17.11
11	22.00	16.25	18.96	19.98	15.38	17.62	20.59	15.29	18.17	19.35	15.58	17.52
12	21.22	15.95	18.50	19.91	15.63	17.73	19.41	15.43	17.49	19.42	15.57	17.61
13	21.24	16.30	18.73	20.01	15.26	17.76	20.00	15.68	18.23	20.10	15.17	17.64
14	21.63	16.83	19.38	20.45	16.10	18.41	19.82	14.51	17.02	19.88	15.02	17.61
15	22.29	17.92	20.15	20.83	16.06	18.73	19.74	15.03	17.54	19.59	14.82	17.44
16	21.54	16.48	19.33	20.80	15.97	18.66	19.89	14.55	17.39	20.41	14.79	17.77
17	21.32	15.96	18.89	20.81	14.14	17.83	20.41	14.71	17.97	19.93	14.27	17.15
18	21.13	15.99	18.82	19.95	14.13	17.55	21.14	15.33	18.36	20.88	14.04	17.74
19	20.88	16.06	18.63	20.73	15.04	18.02	21.20	15.50	18.28	19.97	13.46	16.84
20	20.79	15.86	18.46	20.91	14.94	18.13	20.83	14.34	17.37	19.62	13.46	16.51
21	20.78	15.40	18.31	21.15	15.44	18.24	19.64	13.67	16.77	19.94	13.46	16.70
22	20.94	15.58	18.42	20.73	14.91	17.57	19.84	13.95	16.75	20.81	14.18	17.63
23	21.14	15.85	18.47	20.15	14.74	17.37	19.88	14.04	17.00	20.39	14.71	17.39
24	21.21	16.19	18.63	20.19	14.94	17.40	20.74	14.91	17.76	19.62	13.76	16.82
25	21.19	16.08	18.63	20.12	15.10	17.42	19.93	13.87	16.79	19.84	14.56	17.15
26	20.78	16.24	18.33	20.22	15.13	17.52	20.17	14.21	17.09	20.38	14.17	17.15
27	20.59	16.03	18.25	20.05	15.10	17.46	20.29	15.09	17.72	19.71	14.39	17.02
28	20.71	16.24	18.30	20.42	15.17	17.78	20.05	14.63	17.47	20.56	14.27	17.47
29	20.66	15.89	18.19	20.25	14.56	17.72	20.18	14.15	17.24	20.54	13.89	17.37
30	20.77	15.88	18.31	19.60	13.29	16.88	20.71	14.23	17.67	20.61	13.91	17.54
31	21.05	15.58	18.50	---	---	---	21.15	14.44	17.86	20.66	14.01	17.52
MONTH	22.44	14.25	18.64	22.20	13.13	17.91	22.30	13.67	17.66	---	---	---

COOPER RIVER BASIN

021720711 COOPER RIVER AT CUSTOMS HOUSE AT CHARLESTON, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.83	14.22	17.58	21.08	14.93	18.32	20.12	14.56	17.54	20.98	15.35	18.17
2	20.63	14.11	17.44	21.23	14.95	18.09	19.68	14.02	16.90	20.84	15.48	18.16
3	20.40	14.14	17.25	20.82	14.62	18.00	19.65	14.07	16.85	20.76	15.12	17.99
4	20.04	13.83	16.94	21.01	15.19	18.10	20.14	14.47	17.15	21.52	15.72	18.59
5	19.46	14.39	16.83	20.36	14.47	17.69	20.05	15.03	17.46	21.08	16.07	18.69
6	19.80	15.12	17.32	19.86	14.32	17.28	21.16	15.41	17.99	20.55	15.48	17.84
7	19.52	14.46	17.09	20.25	15.24	17.61	20.72	15.83	18.20	20.19	15.43	17.53
8	19.22	15.08	17.03	20.29	15.60	17.89	20.96	16.18	18.12	20.16	15.22	17.43
9	19.29	15.58	17.33	20.19	16.24	18.08	21.10	16.62	18.59	19.89	15.26	17.42
10	19.50	15.23	17.20	20.19	16.30	18.20	21.05	16.14	18.62	19.80	15.04	17.44
11	19.11	15.20	17.16	20.38	16.07	18.14	20.78	16.49	18.60	20.02	14.71	17.43
12	19.13	14.57	16.78	19.93	15.94	17.76	20.89	15.47	18.40	19.99	14.03	17.19
13	19.43	14.33	16.95	20.01	15.65	17.82	20.88	15.11	18.29	20.99	14.18	17.62
14	19.57	14.10	17.03	20.19	15.95	18.27	21.06	14.59	18.24	21.70	14.16	17.95
15	20.05	14.06	17.22	21.32	15.30	18.67	21.49	14.11	18.13	21.78	14.13	18.03
16	20.99	13.75	18.03	21.30	14.77	18.32	22.12	14.20	18.29	21.90	13.95	17.84
17	21.26	14.19	17.89	21.28	14.43	18.35	22.58	14.45	18.52	22.36	14.29	18.12
18	20.84	13.71	17.53	21.76	14.59	18.52	22.50	14.98	18.64	22.34	15.22	18.60
19	21.01	14.01	17.68	22.22	14.69	18.63	22.24	14.97	18.41	21.89	15.60	18.46
20	20.98	14.18	17.72	21.90	14.50	18.67	22.14	15.39	18.56	21.68	15.77	18.46
21	21.17	14.99	18.11	21.49	14.40	18.04	21.98	15.74	18.62	21.32	15.41	17.97
22	21.16	14.98	18.15	21.00	14.54	17.78	21.74	15.37	18.19	20.61	15.39	17.95
23	20.64	13.91	16.77	20.91	14.84	17.83	20.80	15.93	18.45	20.84	15.55	17.92
24	19.97	14.49	17.17	21.04	15.32	18.03	20.83	15.69	18.33	20.34	15.63	18.15
25	19.96	14.75	17.36	20.95	15.61	18.12	20.80	15.75	18.42	20.41	15.60	18.25
26	20.61	15.46	18.09	20.45	15.39	17.93	20.46	15.38	18.22	20.32	15.40	18.00
27	21.22	15.01	18.26	20.81	15.81	18.47	20.83	15.79	18.46	20.30	15.29	17.87
28	20.74	14.98	17.88	21.39	15.55	18.72	20.87	15.57	18.49	20.78	15.46	18.15
29	---	---	---	20.87	15.14	18.20	20.77	15.12	18.16	20.38	15.07	17.77
30	---	---	---	---	---	---	20.89	14.98	18.01	20.61	15.19	17.84
31	---	---	---	20.39	14.80	17.70	---	---	---	20.42	15.04	17.70
MONTH	21.26	13.71	17.42	---	---	---	22.58	14.02	18.16	22.36	13.95	17.95

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	20.61	14.18	17.41	21.14	14.87	17.78	20.64	14.31	17.42	20.60	14.46	17.53
2	20.87	15.26	17.85	20.32	14.78	17.67	20.50	14.47	17.57	20.62	14.54	17.54
3	20.70	15.78	18.07	20.12	14.56	17.19	20.18	14.51	17.50	20.66	14.64	17.55
4	20.17	15.10	17.69	20.12	14.38	17.18	20.11	14.40	17.23	20.72	14.88	17.72
5	20.18	15.00	17.34	20.02	14.67	17.27	20.24	14.23	17.23	21.17	14.95	18.01
6	20.50	15.39	17.79	19.96	14.56	17.21	20.43	14.15	17.22	21.81	15.85	18.86
7	20.59	15.10	17.68	19.92	14.28	17.13	20.71	14.31	17.41	21.79	15.79	18.81
8	20.06	14.73	17.40	20.17	13.97	17.15	21.00	14.42	17.61	21.82	15.51	18.81
9	20.27	14.32	17.44	20.75	14.09	17.35	21.05	13.90	17.51	21.97	15.75	18.91
10	20.91	14.55	17.83	21.02	13.91	17.50	20.92	13.62	17.24	21.61	15.83	18.86
11	21.37	14.27	17.91	21.10	13.61	17.39	20.81	13.89	17.36	21.81	16.15	19.13
12	21.56	14.00	17.88	21.19	13.41	17.30	20.80	14.11	17.49	21.50	15.93	18.94
13	21.51	13.66	17.64	21.07	13.87	17.49	20.92	14.31	17.59	20.88	15.72	18.41
14	21.62	13.76	17.63	21.03	13.70	17.40	20.60	14.54	17.72	20.98	15.57	18.43
15	21.49	13.78	17.51	20.98	14.14	17.55	20.20	14.58	17.59	20.78	15.91	18.45
16	21.30	14.03	17.51	20.62	14.38	17.50	20.06	14.82	17.55	20.82	16.10	18.58
17	21.21	14.73	17.88	20.16	14.39	17.33	19.72	14.60	17.34	21.07	16.99	18.92
18	21.06	15.02	18.01	---	---	---	19.67	14.73	17.31	20.45	16.74	18.50
19	20.95	14.85	17.78	---	---	---	19.88	15.42	17.68	19.88	15.88	17.86
20	20.29	15.22	17.71	---	---	---	20.01	15.73	17.86	20.33	16.00	18.14
21	20.59	15.53	18.29	---	---	---	20.02	15.63	17.80	20.92	16.43	18.59
22	20.54	15.79	18.28	19.42	14.64	17.11	19.95	15.51	17.57	21.28	16.26	18.84
23	20.46	15.60	18.15	19.19	14.45	16.83	19.85	15.10	17.38	21.30	15.32	18.55
24	20.20	15.33	17.92	19.53	14.57	16.95	20.50	14.96	17.69	21.92	15.87	18.99
25	20.29	15.29	17.88	19.75	14.92	17.30	20.84	15.12	18.08	22.30	15.57	19.14
26	20.45	15.28	17.83	20.25	14.83	17.46	21.01	14.71	17.95	21.97	15.48	19.02
27	20.55	15.02	17.74	20.51	14.69	17.50	21.05	14.36	17.80	22.11	15.43	18.90
28	20.69	15.11	17.84	20.39	14.09	17.23	20.90	14.14	17.61	22.10	15.12	18.63
29	20.49	14.70	17.62	20.74	14.24	17.31	20.98	14.23	17.68	22.02	15.17	18.57
30	20.72	14.96	17.70	20.68	14.24	17.36	20.78	14.41	17.75	21.87	15.41	18.58
31	---	---	---	20.52	14.28	17.36	20.62	14.35	17.57	---	---	---
MONTH	21.62	13.66	17.77	---	---	---	21.05	13.62	17.56	22.30	14.46	18.53