

COOPER RIVER BASIN

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC

LOCATION.--Lat 32°48'11'', long 79°54'55'', Charleston County, Hydrologic Unit 03050201, on U.S. Highway 17 bridge, 1.7 mi north of Customs House Wharf.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--April 1997 to current year.

GAGE.--Data collection platform. Elevation of gage is 10 ft below sea level (from topographic map).

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 10.84 ft, May 16, 1999; minimum gage height, 0.30 ft, Feb. 20, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.81 ft, Sep. 30; minimum gage height, 0.30 ft, Feb. 20.

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

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	9.27	3.59	6.53	8.72	3.65	6.37	8.29	3.01	5.66			
2	---	---	---	9.47	2.42	6.42	8.93	3.76	6.55	8.29	3.00	5.67			
3	---	---	---	8.33	2.74	5.53	9.16	3.50	6.56	8.58	3.14	5.78			
4	---	---	---	8.63	3.20	6.10	8.97	3.46	6.34	8.37	2.36	5.67			
5	---	---	---	8.58	3.06	5.99	9.13	3.46	6.45	7.88	2.06	5.30			
6	---	---	---	8.54	2.79	5.77	9.10	3.10	6.00	8.81	2.94	6.07			
7	10.04	4.08	7.28	8.53	2.66	5.85	8.67	2.63	6.13	8.94	2.88	5.86			
8	10.09	4.21	7.36	9.00	3.33	6.24	9.19	3.68	6.45	8.92	3.14	6.20			
9	9.90	3.76	7.02	9.19	3.43	6.28	9.34	3.67	6.40	9.06	3.42	6.19			
10	9.62	3.71	6.75	8.91	3.43	6.09	8.98	3.29	5.98	8.75	2.77	5.79			
11	9.65	3.79	6.74	8.61	3.39	5.93	8.83	3.34	6.07	8.07	2.73	5.39			
12	9.73	4.09	7.09	9.15	4.26	6.60	8.97	3.80	6.39	8.03	2.88	5.42			
13	9.74	4.48	7.20	9.23	4.51	6.78	8.69	3.64	6.18	7.99	2.56	5.31			
14	9.12	4.40	6.73	8.46	4.04	6.10	7.99	3.36	5.71	8.25	2.98	5.33			
15	9.43	5.14	7.18	8.79	3.95	6.31	8.22	3.68	5.77	8.41	2.78	5.82			
16	9.47	5.19	7.37	8.84	4.34	6.56	8.06	3.25	5.71	8.58	1.78	5.32			
17	9.65	4.31	7.58	8.80	4.03	6.57	8.43	3.42	6.07	8.45	2.71	5.73			
18	8.59	4.59	6.58	8.60	3.48	6.35	8.85	3.55	6.54	9.69	2.29	6.36			
19	9.40	5.14	7.20	8.63	3.11	6.16	10.10	3.16	7.00	9.96	2.33	6.51			
20	9.18	3.99	6.89	8.89	2.61	6.18	9.78	2.04	6.31	9.56	1.94	5.95			
21	9.74	4.22	7.05	9.38	2.67	6.34	9.78	1.99	6.32	9.78	1.89	6.13			
22	10.07	3.55	7.29	10.19	2.56	6.59	10.14	1.88	6.23	10.33	2.21	6.33			
23	9.54	3.41	6.62	10.37	2.74	6.66	10.32	2.26	6.37	10.22	2.59	6.27			
24	9.98	3.20	6.74	10.62	2.74	6.67	9.84	1.91	5.92	10.20	2.68	6.51			
25	9.98	2.67	6.46	10.50	2.80	6.56	10.24	2.39	6.24	9.21	2.86	6.04			
26	9.96	2.48	6.30	10.27	3.03	6.46	9.49	2.64	5.80	8.55	3.01	5.74			
27	9.81	2.59	6.13	9.52	2.75	6.10	9.28	2.62	5.90	8.17	3.26	5.72			
28	9.77	2.72	6.20	9.45	3.31	6.28	8.72	3.32	5.87	7.99	3.32	5.63			
29	9.69	3.00	6.29	9.17	3.70	6.39	8.24	3.18	5.64	8.16	3.95	6.03			
30	---	---	---	8.92	3.53	6.32	8.11	2.95	5.65	---	---	---			
31	9.07	3.27	6.19	---	---	---	8.03	3.00	5.45	---	---	---			
MONTH	10.09	2.48	6.84	10.62	2.42	6.29	10.32	1.88	6.14	10.33	1.78	5.85			

