380 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).

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

021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC--Continued GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1 2 3 4 5	7.90 7.87 7.78 8.01	2.38 2.48 2.06 1.59	5.17 5.33 4.90 5.28	8.33 7.96 9.20 9.16 9.24	2.99 3.29 3.62 3.40 3.11	5.89 5.75 6.59 6.32 6.25	8.77 8.71 	3.47 2.75 	6.36 6.05 	9.13 8.91 9.68 9.94 9.67	2.92 2.26 2.05 2.35 2.23	6.28 5.99 6.06 6.27 5.96
6 7 8 9	8.21 8.41 8.53 8.60 8.86	2.30 2.15 2.33 2.83 3.02	5.32 5.25	8.75 8.89 8.59 8.69 8.51	2.50 2.37 2.04 1.69 1.93	5.77 5.85 5.60 5.49 5.30			 	9.47 9.31 	1.92	5.72
11 12 13 14 15	8.43 7.82 8.65 8.64 7.53	2.24 2.61 3.24 1.35 1.86	5.37	8.68 8.72 8.07 8.59	2.49 1.54 2.89 3.09 2.81	5.50 4.71 5.49 5.86 6.02		 	 	8.70 	2.98	6.02
16 17 18 19 20	8.28 8.29 9.18 8.73 8.37	1.06 1.21 1.97 1.15	5.08 5.43	9.08 8.77 9.60 9.80 10.76	2.08 2.07 1.77 2.86 3.25	6.05 5.47 6.34 6.64 7.06	 10.19 10.19	 3.56 3.99	 6.87 7.02	9.44 	3.17 	6.43
21 22 23 24 25	8.28 8.24 8.02 7.58	1.24 1.65 2.03 2.07	E 02	9.39 9.17 9.43 9.22 8.97	3.07 2.98 3.72 3.69 3.65	6.36 6.19 6.62 6.56 6.14	9.04 9.11 8.84 8.76 8.74	3.99 4.36	6.81 6.12 6.34 6.52 5.90	 8.70	 3.91 	 6.02
26 27 28 29 30 31	8.21 7.90 7.85 8.02	3.47 3.67 3.71 3.81	5.67 5.73 5.72 5.87	8.39 8.20 7.82 7.56 8.19 8.36	3.42 4.25 3.64 3.45 3.45 3.93	6 N 9	8.17 8.63 8.72 8.53 8.81	4.59	6.25 6.58 6.46 6.45 6.41	 	 	
MONTH	9.18	.30	5.34	10.76	1.54	5.96	10.19	2.75	6.44	9.94	1.92	6.04
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX		MEAN	MAX		MEAN
DAY		JUNE			JULY			AUGUST			MIN SEPTEMBE	IR.
DAY 1 2 3 4 5	10.32	JUNE	MEAN 6.49 6.40 6.62	MAX	JULY	MEAN		AUGUST 1.78 2.49	6.04 6.13 6.00 5.95 6.09			
1 2 3 4	10.32 10.34 10.44	JUNE 2.32 2.36 3.08	 6.49 6.40 6.62	 	JULY	 	9.94 9.70 8.88 8.75	1.78 2.49 2.73 2.79 2.90 3.66 3.88 3.94	6.04 6.13 6.00 5.95	9.71 9.53 9.40 9.18	3.56 3.74 4.13 4.00 4.31 5.14 5.60	6.76 6.76 6.71 6.70
1 2 3 4 5 6 7 8 9	 10.32 10.34 10.44 9.51 9.44 9.67 9.05	JUNE 2.32 2.36 3.08 2.51 3.35 3.68 3.36	6.49 6.40 6.62 5.97 6.45 6.51 6.19	 9.43	JULY 3.64 3.86	 6.67 6.54	9.94 9.70 8.88 8.75 8.81 9.10 9.05 8.82	1.78 2.49 2.73 2.79 2.90 3.66 3.88 3.94	6.04 6.13 6.00 5.95 6.09 6.48 6.52 6.42	9.71 9.53 9.40 9.18 9.25 9.66 9.46 9.42	3.56 3.74 4.13 4.00 4.31 5.14 5.60 4.89 4.70 4.24	6.76 6.76 6.71 6.70 6.82 7.36 7.72 7.35 7.07
1 2 3 4 5 6 7 8 9 10 11 12 13 14	9.51 9.67 9.67 9.67 9.865 8.65	JUNE 2.32 2.36 3.08 2.51 3.35 3.68 3.36 2.99 2.88 2.77 2.80 3.04	 6.49 6.40 6.62 5.97 6.45 6.51 6.19 5.98 5.89 5.74 5.74 5.97	9.43 9.02 8.46 8.32 9.09	JULY 3.64 3.86 3.32 2.97 3.35	 6.67 6.54 6.04 5.65 6.03	9.94 9.70 8.88 8.75 8.81 9.10 9.05 8.82 	1.78 2.49 2.73 2.79 2.90 3.66 3.88 3.94 	6.04 6.13 6.00 5.95 6.09 6.48 6.52 6.42	9.71 9.53 9.40 9.18 9.25 9.62 9.66 9.42 9.39 9.87 9.87 9.90	3.56 3.74 4.13 4.00 4.31 5.14 5.60 4.89 4.70 4.24 4.30 4.36 4.16 4.00	6.76 6.76 6.76 6.71 6.70 6.82 7.36 7.72 7.35 7.07 6.94 6.92 7.12 7.09
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	9.51 9.44 9.55 8.65 8.67 8.60 8.58 8.96 9.15	JUNE 2.32 2.36 3.08 2.51 3.35 3.68 3.36 2.99 2.88 2.77 2.80 3.04 3.09	5.97 6.49 6.62 5.97 6.45 6.51 6.19 5.98 5.74 5.74 5.97 6.12	9.43 9.02 8.46 8.32 9.09	JULY 3.64 3.86 3.32 2.97 3.35	6.67 6.54 6.04 5.65 6.03	9.94 9.70 8.88 8.75 8.81 9.10 9.05 8.82 9.15	1.78 2.49 2.73 2.79 2.90 3.66 3.88 3.94 	6.04 6.13 6.00 5.95 6.09 6.48 6.52 6.42 6.04	9.71 9.53 9.40 9.18 9.25 9.62 9.66 9.42 9.39 9.87 9.90 9.87 9.90 9.92 9.66	3.56 3.74 4.13 4.00 4.31 5.14 5.60 4.89 4.70 4.24 4.30 4.36 4.16 4.00 4.05	6.76 6.76 6.71 6.70 6.82 7.36 7.72 7.35 7.07 6.94 6.92 7.12 7.07 7.11 7.07
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	9.51 9.44 9.55 8.65 8.67 8.60 8.58 8.96 9.15	JUNE 2.32 2.36 3.08 2.51 3.35 3.68 3.36 2.99 2.88 2.77 2.80 3.04 3.09 2.87 3.62 3.23	5.97 6.49 6.62 5.97 6.45 6.51 6.19 5.98 5.74 5.74 5.97 6.12	9.43 9.02 8.46 8.32 9.09 8.73	JULY 3.64 3.86 3.32 2.97 3.35 3.26 4.01 3.60 3.25	 6.67 6.54 6.04 5.65 6.03 5.92	9.94 9.70 8.88 8.75 8.81 9.10 9.05 8.82 9.15 9.15 9.57 9.37	1.78 2.49 2.73 2.79 2.90 3.66 3.88 3.94 3.08 3.60 4.26 3.80 3.38	6.04 6.13 6.00 5.95 6.09 6.48 6.52 6.42 6.04 6.42 6.96 6.66 6.66 6.44	9.71 9.53 9.40 9.18 9.25 9.62 9.66 9.42 9.39 9.69 9.87 9.90 9.92 9.66	3.56 3.74 4.13 4.00 4.31 5.14 5.60 4.89 4.70 4.24 4.30 4.36 4.16 4.00 4.05	6.76 6.76 6.71 6.70 6.82 7.36 7.72 7.35 7.07 6.94 6.92 7.12 7.07 7.11 7.07
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 31 31 31 31 31 31 31 31 31 31 31 31	10.32 10.34 10.44 9.51 9.44 9.65 8.65 8.67 8.60 8.58 9.15 8.56 8.52 7.96 8.51 9.96 9.15	JUNE 2.32 2.36 3.08 2.51 3.35 3.68 3.36 2.99 2.88 2.77 2.80 3.04 3.09 2.87 3.62 3.23 3.05 2.14 2.01	5.97 6.45 6.62 5.97 6.45 6.51 6.19 5.98 5.74 5.74 5.97 6.12 5.61 6.04 5.79	9.43 9.02 8.46 8.32 9.09 8.73 8.90 8.76 8.95 9.26 9.86 10.29	JULY 3.64 3.86 3.32 2.97 3.35 3.26 4.01 3.60 3.25 3.56 3.32 3.15 2.36 2.22	 6.67 6.54 6.04 5.65 6.03 5.92 6.53 6.35 6.10 6.38 6.43 6.56 6.51 6.42	9.94 9.70 8.88 8.75 8.81 9.10 9.05 8.82 9.15 9.15 9.57 9.37 9.37 9.30 9.55	1.78 2.49 2.73 2.79 2.90 3.66 3.88 3.94 3.08 3.60 4.26 3.80 3.38 2.96 2.86 2.70 2.39 2.77 3.41	6.04 6.13 6.00 5.95 6.09 6.48 6.52 6.42 6.04 6.96 6.66 6.66 6.66 6.44 6.33 6.72 6.74 6.53 6.79 7.07	9.71 9.53 9.40 9.18 9.25 9.62 9.66 9.42 9.39 9.87 9.90 9.87 	3.56 3.74 4.13 4.00 4.31 5.14 5.60 4.89 4.70 4.24 4.30 4.36 4.16 4.00 4.05 4.08 4.14 3.36 4.42	6.76 6.76 6.76 6.71 6.70 6.82 7.36 7.72 7.35 7.07 6.94 6.92 7.12 7.07 7.30 7.11 7.07