

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC

LOCATION.--Lat 33°05'36'', long 79°56'57'', Berkeley County, Hydrologic Unit 03050201, at Pimlico on right bank, 1.1 mi upstream from Seaboard Coast Line Railroad bridge, 2.1 mi downstream from Molly Branch, 7.8 mi southwest of Moncks Corner, and at mile 35.4.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1979 to current year.

GAGE.--Data collection platform. Datum of gage is 10.14 ft below NGVD of 1929 (U.S. Army Corps of Engineers benchmark). Prior to May 18, 1983, at site 0.5 mi upstream at datum 5.19 ft higher.

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, 16.48 ft, Sep. 5, 1987; minimum gage height, 6.85 ft, Feb. 16, 1991.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.20 ft, Oct. 15; minimum gage height, 7.77 ft, Jan. 21.

DAY	Gage height, feet											
	WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003											
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	14.32	11.33	12.85	14.02	11.43	12.73	13.23	9.18	11.33	13.65	10.07	11.99
2	14.27	10.70	12.57	14.09	11.26	12.60	13.86	9.92	11.91	13.75	9.67	11.86
3	14.28	10.81	12.48	14.00	10.81	12.44	13.55	9.78	11.73	13.38	10.10	11.78
4	14.01	10.67	12.36	14.02	10.62	12.43	13.87	10.29	12.27	13.75	9.15	11.81
5	13.86	10.93	12.43	14.38	10.65	12.62	13.93	10.74	12.35	13.59	10.90	12.15
6	14.03	10.70	12.30	14.27	10.46	12.37	13.71	9.90	12.02	13.27	9.90	11.76
7	14.15	10.87	12.56	13.71	9.50	12.04	13.36	10.07	11.92	12.72	9.40	11.27
8	14.17	11.69	12.92	14.02	10.90	12.44	13.26	10.06	11.77	12.50	9.38	11.08
9	14.45	11.78	13.12	13.78	10.30	12.18	13.33	9.96	11.83	12.18	9.72	11.06
10	14.79	11.86	13.33	13.47	10.24	12.01	13.73	11.14	12.37	11.99	9.39	10.98
11	14.78	12.21	13.43	12.90	10.49	11.81	13.51	10.58	12.48	12.31	10.39	11.32
12	14.55	11.44	13.00	12.89	10.50	11.75	12.54	10.22	11.52	12.57	10.07	11.48
13	14.28	11.55	12.92	13.18	10.58	11.83	13.10	10.22	12.12	13.06	9.99	11.41
14	14.69	12.21	13.28	13.69	11.26	12.43	12.72	10.11	11.34	12.98	10.12	11.45
15	15.20	12.66	13.83	13.90	11.56	12.72	12.85	9.39	11.49	12.91	9.73	11.34
16	14.62	12.23	13.56	13.81	11.39	12.55	13.06	10.19	11.58	13.45	9.78	11.65
17	14.30	11.94	13.01	13.61	11.15	12.26	13.33	9.90	11.74	12.96	9.35	11.24
18	14.43	11.59	12.92	13.27	9.38	11.64	13.79	10.20	11.98	13.78	9.81	11.91
19	13.99	11.59	12.82	13.42	10.38	12.01	14.14	10.62	12.21	13.01	9.62	11.35
20	13.74	11.22	12.62	13.81	10.53	12.15	13.76	10.28	11.90	12.46	8.51	10.71
21	13.74	10.93	12.41	13.95	10.58	12.23	12.55	8.19	10.83	12.23	7.77	10.38
22	13.46	10.90	12.32	13.59	10.32	11.88	12.70	8.66	11.00	12.94	8.89	11.31
23	13.84	10.85	12.44	13.02	9.05	11.26	12.90	8.49	11.13	13.24	10.38	11.79
24	13.69	10.86	12.42	12.78	9.15	11.22	13.84	9.50	11.92	12.45	9.36	11.14
25	13.94	10.99	12.52	12.93	10.50	11.58	13.24	9.99	11.67	13.06	9.51	11.33
26	13.48	10.86	12.26	12.87	10.19	11.53	12.81	9.42	11.23	12.74	8.31	11.02
27	13.62	10.35	12.12	12.74	9.77	11.51	13.15	10.82	12.16	12.14	8.31	10.96
28	13.38	10.86	12.19	12.97	10.58	11.74	12.91	10.14	11.87	13.30	9.47	11.46
29	13.33	10.73	12.19	13.27	10.85	12.03	12.74	9.94	11.40	13.33	9.63	11.57
30	13.61	11.03	12.34	12.41	10.14	11.29	13.57	9.94	11.87	13.06	9.05	11.46
31	13.68	11.53	12.59	---	---	---	13.42	10.18	11.99	13.53	9.98	11.63
MONTH	15.20	10.35	12.71	14.38	9.05	12.04	14.14	8.19	11.77	13.78	7.77	11.41

COOPER RIVER BASIN

02172020 WEST BRANCH COOPER RIVER AT PIMLICO NEAR MONCK'S CORNER, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY			MARCH			APRIL			MAY			
1	13.59	9.70	11.67	13.89	10.24	12.19	13.32	9.88	11.57	13.74	10.39	12.00
2	13.22	9.56	11.58	13.67	10.75	12.35	13.10	8.99	11.22	13.69	10.80	12.21
3	13.01	9.37	11.36	14.00	10.66	12.30	12.66	8.95	10.96	13.73	10.51	12.03
4	12.95	9.17	11.16	13.87	10.78	12.26	13.26	9.22	11.14	13.91	11.01	12.34
5	12.23	8.58	10.68	13.63	10.47	12.11	13.40	10.00	11.45	14.09	11.54	12.80
6	12.45	9.10	11.09	13.30	9.90	11.55	13.03	10.23	11.65	13.97	10.69	12.12
7	12.52	9.82	11.21	12.85	9.87	11.49	13.67	11.48	12.49	13.09	10.37	11.58
8	12.10	9.18	10.88	12.95	10.70	11.91	13.11	11.35	12.08	13.03	10.27	11.66
9	12.25	9.74	11.11	13.26	11.11	12.05	13.80	11.67	12.63	12.61	9.85	11.50
10	12.43	9.42	11.24	13.07	11.20	12.08	13.88	11.03	12.76	13.10	10.01	11.74
11	12.43	9.37	10.97	13.29	10.74	12.19	13.91	11.05	12.67	12.96	9.69	11.52
12	12.37	9.38	10.72	12.78	10.70	11.72	13.73	11.47	12.68	13.09	8.96	11.35
13	12.59	8.79	10.95	12.82	10.62	11.86	13.86	11.21	12.55	13.73	9.51	11.55
14	12.35	8.91	10.77	13.15	10.43	11.99	13.90	10.85	12.43	14.32	9.70	11.94
15	12.58	9.37	11.16	14.06	11.14	12.59	14.05	10.62	12.35	14.31	10.14	12.18
16	13.71	9.05	11.68	14.09	10.95	12.42	14.49	10.85	12.38	13.96	10.18	12.13
17	13.83	10.03	12.01	14.06	10.67	12.37	14.50	10.85	12.68	13.98	10.33	12.24
18	13.35	9.87	11.66	14.23	11.06	12.72	14.50	11.52	12.93	14.24	11.37	12.80
19	13.42	9.91	11.88	14.30	11.24	12.94	14.40	11.01	12.78	14.30	11.37	12.62
20	13.41	10.21	11.94	14.56	11.82	13.42	14.32	11.37	12.81	14.13	11.41	12.66
21	13.46	10.66	12.25	14.79	11.83	13.42	14.20	11.73	12.89	13.81	10.97	12.28
22	13.75	11.45	12.62	14.47	11.04	12.89	14.06	11.06	12.68	13.33	10.57	12.19
23	13.52	9.75	11.58	13.75	11.04	12.37	13.41	11.30	12.37	13.33	10.53	12.17
24	12.62	9.14	11.28	13.75	11.27	12.40	13.74	11.10	12.41	13.60	10.85	12.24
25	12.55	9.29	11.36	13.59	11.08	12.46	13.77	11.42	12.59	13.76	10.61	12.22
26	13.42	10.19	12.00	13.31	10.98	12.17	13.61	11.15	12.41	13.45	10.25	12.00
27	14.08	10.39	12.31	13.55	10.70	12.30	14.01	10.69	12.32	13.64	10.03	11.89
28	13.14	9.89	11.60	14.10	11.27	12.79	14.01	11.01	12.54	14.05	10.41	11.98
29	---	---	---	13.80	11.29	12.52	13.62	11.02	12.34	13.61	10.26	11.85
30	---	---	---	---	---	---	13.55	10.72	12.21	14.00	10.10	11.77
31	---	---	---	13.46	10.23	11.83	---	---	---	13.47	10.33	11.87
MONTH	14.08	8.58	11.45	---	---	---	14.50	8.95	12.30	14.32	8.96	12.05

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	13.37	9.97	11.43	13.92	9.66	11.72	13.33	10.08	11.74	13.26	9.70	11.80
2	13.47	10.28	11.80	13.83	10.90	12.15	13.34	10.26	12.04	13.30	9.53	11.74
3	13.65	10.48	12.06	13.06	9.53	11.37	13.28	10.09	11.92	13.46	9.42	11.74
4	13.65	11.01	12.05	12.88	9.63	11.53	13.33	9.45	11.84	13.61	9.60	11.87
5	13.05	9.93	11.41	12.97	9.94	11.72	13.44	10.00	11.90	14.04	9.71	12.09
6	13.21	10.03	11.79	13.30	9.68	11.70	13.55	9.95	11.91	14.44	10.99	12.67
7	13.27	10.56	11.98	12.89	9.29	11.50	13.80	9.75	11.84	14.51	11.19	12.73
8	13.20	9.72	11.77	13.55	9.21	11.57	14.27	10.79	12.23	14.88	11.48	12.98
9	13.41	10.06	11.84	13.53	9.06	11.43	14.20	9.94	12.08	14.67	12.23	13.37
10	13.84	10.34	12.09	13.86	9.04	11.63	13.96	9.18	11.67	14.48	11.99	13.18
11	13.89	10.34	12.14	14.05	9.33	11.66	13.66	10.15	11.84	14.54	12.03	13.27
12	14.33	10.25	12.19	14.06	8.66	11.55	13.92	9.97	11.83	14.51	12.03	13.30
13	13.97	9.71	11.93	13.96	9.33	11.63	13.71	10.43	12.07	14.09	11.52	12.77
14	13.81	10.41	11.92	13.65	9.85	11.66	13.75	10.63	12.23	13.76	11.00	12.57
15	13.79	10.21	11.95	13.52	10.13	11.70	13.55	10.40	12.19	13.55	10.99	12.43
16	14.01	10.29	12.09	13.38	10.17	11.84	13.38	10.17	11.89	13.58	10.79	12.41
17	14.26	11.30	12.50	13.38	10.07	11.75	12.98	9.60	11.57	13.83	11.22	12.64
18	14.13	11.33	12.74	13.06	9.96	11.69	12.76	9.05	11.32	13.71	10.99	12.44
19	14.23	11.09	12.69	13.14	10.09	11.78	12.97	9.49	11.53	13.20	10.12	11.77
20	13.50	10.86	12.18	12.98	9.89	11.68	13.32	9.86	11.75	13.66	10.00	11.81
21	14.04	11.41	12.75	13.36	9.81	11.79	13.38	9.81	11.76	14.08	10.55	12.25
22	13.80	11.11	12.42	13.01	9.18	11.39	13.17	9.57	11.53	14.51	10.93	12.65
23	13.66	10.52	12.20	12.76	8.42	10.95	13.22	9.21	11.31	14.13	10.95	12.57
24	13.61	10.12	12.00	13.25	9.17	11.30	13.53	9.03	11.34	14.26	11.32	12.70
25	13.57	10.25	11.88	13.47	9.30	11.44	13.94	10.01	11.94	14.56	11.59	12.97
26	13.82	10.22	11.81	13.64	9.93	11.72	14.00	10.50	12.05	14.41	11.74	13.13
27	13.77	9.51	11.63	13.79	9.87	11.79	13.93	10.29	11.94	14.35	11.72	13.15
28	13.77	9.93	11.79	13.73	9.54	11.63	13.72	10.41	11.91	14.44	11.56	13.12
29	13.73	9.49	11.69	13.49	10.25	11.65	13.57	10.26	11.94	14.15	11.12	12.84
30	13.70	9.93	11.63	13.40	10.26	11.69	13.58	10.32	12.12	13.99	11.04	12.75
31	---	---	---	13.40	10.13	11.70	13.38	10.09	11.95	---	---	---
MONTH	14.33	9.49	12.01	14.06	8.42	11.62	14.27	9.03	11.84	14.88	9.42	12.59