

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, 14.69 ft, Mar. 28; minimum gage height, 8.32 ft, Dec. 12.

| DAY | Gage height, feet WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005 | | | | | | | | | | | |
|-------|--|-------|-------|----------|-------|-------|----------|-------|-------|---------|-------|-------|
| | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| | OCTOBER | | | NOVEMBER | | | DECEMBER | | | JANUARY | | |
| 1 | 13.59 | 10.91 | 12.55 | 13.40 | 9.96 | 11.83 | 12.76 | 10.33 | 11.46 | 12.52 | 9.64 | 11.22 |
| 2 | 14.09 | 11.03 | 12.55 | 13.36 | 10.30 | 11.98 | 12.89 | 10.23 | 11.52 | 12.50 | 9.57 | 11.27 |
| 3 | 13.51 | 10.60 | 12.24 | 12.84 | 10.39 | 11.80 | 12.65 | 10.50 | 11.55 | 12.47 | 9.92 | 11.40 |
| 4 | 13.40 | 11.06 | 12.13 | 13.19 | 10.48 | 12.00 | 12.44 | 10.79 | 11.51 | 12.64 | 10.33 | 11.44 |
| 5 | 13.71 | 10.48 | 12.15 | 13.24 | 9.91 | 11.66 | 12.35 | 9.88 | 11.31 | 12.83 | 9.59 | 11.47 |
| 6 | 13.79 | 10.67 | 12.31 | 12.74 | 10.70 | 11.92 | 12.32 | 9.91 | 11.50 | 12.67 | 9.59 | 11.38 |
| 7 | 13.88 | 10.89 | 12.45 | 12.91 | 10.25 | 11.88 | 12.60 | 10.11 | 11.47 | 13.14 | 9.50 | 11.60 |
| 8 | 14.12 | 11.39 | 12.72 | 13.11 | 9.88 | 11.54 | 12.59 | 9.47 | 11.23 | 13.33 | 10.40 | 12.03 |
| 9 | 13.89 | 11.34 | 12.72 | 13.72 | 10.87 | 12.30 | 13.23 | 10.08 | 11.64 | 13.67 | 9.91 | 11.89 |
| 10 | 13.91 | 11.01 | 12.45 | 13.71 | 10.84 | 12.30 | 13.43 | 9.79 | 11.74 | 14.35 | 10.48 | 12.33 |
| 11 | 14.04 | 10.95 | 12.46 | 13.98 | 10.80 | 12.40 | 13.07 | 9.11 | 11.19 | 14.42 | 9.94 | 12.21 |
| 12 | 14.19 | 11.36 | 12.75 | 13.64 | 10.67 | 12.32 | 13.39 | 8.32 | 11.24 | 13.63 | 10.05 | 12.10 |
| 13 | 13.97 | 11.51 | 12.86 | 13.40 | 10.20 | 12.04 | 13.02 | 8.83 | 11.23 | 13.87 | 10.27 | 12.27 |
| 14 | 13.68 | 10.87 | 12.52 | 13.72 | 10.32 | 12.23 | 13.24 | 8.59 | 11.40 | 13.56 | 10.33 | 12.12 |
| 15 | 13.83 | 10.95 | 12.52 | 14.11 | 10.61 | 12.46 | 13.15 | 8.86 | 11.54 | 13.36 | 10.75 | 12.08 |
| 16 | 13.75 | 10.21 | 12.11 | 13.71 | 10.78 | 12.31 | 13.15 | 10.19 | 11.70 | 13.40 | 11.33 | 12.47 |
| 17 | 13.39 | 9.68 | 11.89 | 13.53 | 11.12 | 12.29 | 13.11 | 10.47 | 11.81 | 13.60 | 11.12 | 12.34 |
| 18 | 13.38 | 10.16 | 12.02 | 13.33 | 10.51 | 12.13 | 13.06 | 10.87 | 11.93 | 13.24 | 10.33 | 11.97 |
| 19 | 13.38 | 10.59 | 12.10 | 13.07 | 10.39 | 12.06 | 12.83 | 9.38 | 11.69 | 13.49 | 10.33 | 12.03 |
| 20 | 13.23 | 9.69 | 11.73 | 13.28 | 10.87 | 12.15 | 12.56 | 9.38 | 11.01 | 13.12 | 10.22 | 11.98 |
| 21 | 13.97 | 10.55 | 12.32 | 13.35 | 10.76 | 12.09 | 12.89 | 9.69 | 11.68 | 13.64 | 10.75 | 12.23 |
| 22 | 14.39 | 11.56 | 13.03 | 13.71 | 10.64 | 12.12 | 13.60 | 10.84 | 12.01 | 14.18 | 11.51 | 12.67 |
| 23 | 14.68 | 11.84 | 13.26 | 13.66 | 10.71 | 12.23 | 13.09 | 10.20 | 11.64 | 12.75 | 9.52 | 11.22 |
| 24 | 14.67 | 11.94 | 13.22 | 13.55 | 11.00 | 12.34 | 13.08 | 9.79 | 11.47 | 13.86 | 9.63 | 11.84 |
| 25 | 14.57 | 11.83 | 13.22 | 13.27 | 9.80 | 11.75 | 13.90 | 10.54 | 12.13 | 13.42 | 9.91 | 11.83 |
| 26 | 14.43 | 11.83 | 13.06 | 13.55 | 9.64 | 11.77 | 14.03 | 10.71 | 12.36 | 13.82 | 10.79 | 12.24 |
| 27 | 14.15 | 11.35 | 12.86 | 14.13 | 10.46 | 12.33 | 13.55 | 10.44 | 11.96 | 13.38 | 10.03 | 11.88 |
| 28 | 13.95 | 11.27 | 12.73 | 13.33 | 10.28 | 11.87 | 13.36 | 10.35 | 11.99 | 13.76 | 11.17 | 12.46 |
| 29 | 13.93 | 11.35 | 12.77 | 13.28 | 9.51 | 11.67 | 13.27 | 10.15 | 11.77 | 13.88 | 10.80 | 12.25 |
| 30 | 13.80 | 11.16 | 12.59 | 13.16 | 10.16 | 11.90 | 12.94 | 9.52 | 11.36 | 13.68 | 10.95 | 12.32 |
| 31 | 13.67 | 10.63 | 12.13 | --- | --- | --- | 12.63 | 9.57 | 11.18 | 13.28 | 11.30 | 12.27 |
| MONTH | 14.68 | 9.68 | 12.53 | 14.13 | 9.51 | 12.06 | 14.03 | 8.32 | 11.59 | 14.42 | 9.50 | 11.96 |

