021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC
LOCATION.--Lat $32^{\circ} 48^{\prime} 11^{\prime \prime}$, long 79 $9^{\circ}$ ' $^{\prime} 55^{\prime \prime}$ ', 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 | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | OCTOBER |  | NOVEMBER |  |  | DECEMBER |  |  | JANUARY |  |  |
| 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 |

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

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | 7.90 | 2.38 | 5.17 | 8.33 | 2.99 | 5.89 | 8.77 | 3.47 | 6.36 | 9.13 | 2.92 | 6.28 |
| 2 | 7.87 | 2.48 | 5.33 | 7.96 | 3.29 | 5.75 | 8.71 | 2.75 | 6.05 | 8.91 | 2.26 | 5.99 |
| 3 |  |  |  | 9.20 | 3.62 | 6.59 |  | --- |  | 9.68 | 2.05 | 6.06 |
| 4 | 7.78 | 2.06 | 4.90 | 9.16 | 3.40 | 6.32 | --- | --- | --- | 9.94 | 2.35 | 6.27 |
| 5 | 8.01 | 1.59 | 5.28 | 9.24 | 3.11 | 6.25 | --- | --- | --- | 9.67 | 2.23 | 5.96 |
| 6 | 8.21 | 2.30 | 5.32 | 8.75 | 2.50 | 5.77 | --- | --- | --- | 9.47 | 1.92 | 5.72 |
| 7 | 8.41 | 2.15 | 5.25 | 8.89 | 2.37 | 5.85 | --- | --- | --- | 9.31 | 2.35 | 5.61 |
| 8 | 8.53 | 2.33 | 5.45 | 8.59 | 2.04 | 5.60 | --- | --- | --- | --- | -_- | -_- |
| 9 | 8.60 | 2.83 | 5.91 | 8.69 | 1.69 | 5.49 | --- | --- | --- | --- | --- | --- |
| 10 | 8.86 | 3.02 | 5.98 | 8.51 | 1.93 | 5.30 | --- | --- | --- | --- | --- | --- |
| 11 | 8.43 | 2.24 | 5.37 | 8.68 | 2.49 | 5.50 | --- | --- | --- | 8.70 | 2.98 | 6.02 |
| 12 | 7.82 | 2.61 | 5.22 | 8.72 | 1.54 | 4.71 | --- | --- | --- | --- | --- | --- |
| 13 | 8.65 | 3.24 | 5.93 | 8.07 | 2.89 | 5.49 | --- | --- | --- | --- | --- | --- |
| 14 | 8.64 | 1.35 | 5.17 | 8.59 | 3.09 | 5.86 | --- | --- | --- | --- | --- | --- |
| 15 | 7.53 | 1.86 | 4.96 | 8.92 | 2.81 | 6.02 | --- | --- | --- | --- | --- | --- |
| 16 | 8.28 | 1.06 | 5.08 | 9.08 | 2.08 | 6.05 | --- | --- | --- | --- | --- | --- |
| 17 | 8.29 | 1.21 | 5.43 | 8.77 | 2.07 | 5.47 | --- | --- | --- | 9.44 | 3.17 | 6.43 |
| 18 | 9.18 | 1.97 | 5.56 | 9.60 | 1.77 | 6.34 | --- | --- | --- |  |  | --- |
| 19 | 8.73 | 1.15 | 5.03 | 9.80 | 2.86 | 6.64 | 10.19 | 3.56 | 6.87 | --- | --- | --- |
| 20 | 8.37 | . 30 | 4.87 | 10.76 | 3.25 | 7.06 | 10.19 | 3.99 | 7.02 | --- | --- | --- |
| 21 | 8.28 | 1.24 | 4.97 | 9.39 | 3.07 | 6.36 | 9.04 | 4.21 | 6.81 | --- | --- | --- |
| 22 | 8.24 | 1.65 | 5.05 | 9.17 | 2.98 | 6.19 | 9.11 | 3.23 | 6.12 | --- | --- | --- |
| 23 | 8.02 | 2.03 | 5.03 | 9.43 | 3.72 | 6.62 | 8.84 | 3.99 | 6.34 | --- | --- | --- |
| 24 | 7.58 | 2.07 | 4.83 | 9.22 | 3.69 | 6.56 | 8.76 | 4.36 | 6.52 | 8.70 | 3.91 | 6.02 |
| 25 |  |  |  | 8.97 | 3.65 | 6.14 | 8.74 | 3.68 | 5.90 |  | --- | --- |
| 26 | 8.21 | 3.47 | 5.67 | 8.39 | 3.42 | 5.68 | 8.17 | 4.09 | 6.25 | --- | --- | --- |
| 27 | 7.90 | 3.67 | 5.73 | 8.20 | 4.25 | 6.09 | 8.63 | 4.59 | 6.58 | --- | - | --- |
| 28 | 7.85 | 3.71 | 5.72 | 7.82 | 3.64 | 5.59 | 8.72 | 4.14 | 6.46 | --- | --- | --- |
| 29 | 8.02 | 3.81 | 5.87 | 7.56 | 3.45 | 5.54 | 8.53 | 3.95 | 6.45 | --- | --- | --- |
| 30 | --- | --- | - | 8.19 | 3.45 | 5.91 | 8.81 | 3.43 | 6.41 | --- | --- | --- |
| 31 | --- | --- | --- | 8.36 | 3.93 | 6.26 |  |  |  | --- | --- | --- |
| 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 | MIN | MEAN | MAX | MIN | MEAN |
|  | JUNE |  |  | JULY |  |  | AUGUST |  |  | SEPTEMBER |  |  |
| 1 | --- | --- | --- | --- | --- | --- | 9.94 | 1.78 | 6.04 | 9.71 | 3.56 | 6.76 |
| 2 | 10.32 | 2.32 | 6.49 | --- | --- | --- | 9.70 | 2.49 | 6.13 | 9.53 | 3.74 | 6.76 |
| 3 | 10.34 | 2.36 | 6.40 | --- | --- | --- | 8.88 | 2.73 | 6.00 | 9.40 | 4.13 | 6.71 |
| 4 | 10.44 | 3.08 | 6.62 | --- | --- | --- | 8.75 | 2.79 | 5.95 | 9.18 | 4.00 | 6.70 |
| 5 |  |  |  | --- | --- | --- | 8.81 | 2.90 | 6.09 | 9.25 | 4.31 | 6.82 |
| 6 | 9.51 | 2.51 | 5.97 | --- | --- | --- | 9.10 | 3.66 | 6.48 | 9.62 | 5.14 | 7.36 |
| 7 | 9.44 | 3.35 | 6.45 | 9.43 | 3.64 | 6.67 | 9.05 | 3.88 | 6.52 | 9.66 | 5.60 | 7.72 |
| 8 | 9.67 | 3.68 | 6.51 | --- | --- | --- | 8.82 | 3.94 | 6.42 | 9.46 | 4.89 | 7.35 |
| 9 | 9.05 | 3.36 | 6.19 | 9.02 | 3.86 | 6.54 | --- | --- | --- | 9.42 | 4.70 | 7.07 |
| 10 | 8.65 | 2.99 | 5.98 | 8.46 | 3.32 | 6.04 | --- | --- | --- | 9.39 | 4.24 | 6.94 |
| 11 | 8.67 | 2.88 | 5.89 | 8.32 | 2.97 | 5.65 | --- | --- | --- | 9.69 | 4.30 | 6.92 |
| 12 | 8.60 | 2.77 | 5.74 | 9.09 | 3.35 | 6.03 | --- | --- | --- | 9.87 | 4.36 | 7.12 |
| 13 | 8.58 | 2.80 | 5.74 | --- | --- | --- | --- | --- | --- | 9.90 | 4.16 | 7.09 |
| 14 | 8.96 | 3.04 | 5.97 | --- | --- | --- | --- | --- | --- | 9.92 | 4.00 | 7.11 |
| 15 | 9.15 | 3.09 | 6.12 | --- | --- | --- | --- | --- | --- | 9.66 | 4.05 | 7.07 |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10.06 | 4.08 | 7.30 |
| 17 | --- | --- | --- | --- | --- | --- | 9.15 | 3.08 | 6.04 | 9.82 | 4.14 | 7.14 |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 19 | --- | --- | --- | --- | --- | --- | 9.15 | 3.60 | 6.42 | --- | --- | --- |
| 20 | 8.56 | 2.87 | 5.61 | 8.73 | 3.26 | 5.92 | --- | --- | --- | --- | --- | --- |
| 21 | 8.52 | 3.62 | 6.04 | --- | --- | --- | -- | --- | -- | --- | --- | --- |
| 22 | --- | --- | - | 8.90 | 4.01 | 6.53 | 9.57 | 4.26 | 6.96 | 9.35 | 3.36 | 6.24 |
| 23 | 7.96 | 3.23 | 5.67 | 8.76 | 3.60 | 6.35 | 9.37 | 3.80 | 6.66 | --- | --- | --- |
| 24 |  |  |  | 8.66 | 3.25 | 6.10 | 9.30 | 3.38 | 6.44 | --- | --- | --- |
| 25 | 8.19 | 3.05 | 5.79 | 8.95 | 3.56 | 6.38 | 9.55 | 2.96 | 6.33 | --- | --- | --- |
| 26 | --- | --- | --- | 9.26 | 3.32 | 6.43 | 10.04 | 2.86 | 6.72 | --- | --- | --- |
| 27 | --- | --- | --- | 9.86 | 3.15 | 6.56 | 10.00 | 2.70 | 6.74 | --- | --- | --- |
| 28 | 8.91 | 2.14 | 5.55 | -- | -- | -- | 10.35 | 2.39 | 6.53 | -- | -- | -- |
| 29 | 9.28 | 2.01 | 5.61 | 10.29 | 2.36 | 6.51 | 10.60 | 2.77 | 6.79 | --- | --- | --- |
| 30 | --- | --- | --- | 10.57 | 2.22 | 6.42 | 10.46 | 3.41 | 7.07 | 10.81 | 4.42 | 7.76 |
| 31 | -- | - | - | 9.93 | 1.81 | 6.03 | 10.01 | 3.35 | 6.93 | --- |  |  |
| MONTH | 10.44 | 2.01 | 6.02 | 10.57 | 1.81 | 6.28 | 10.60 | 1.78 | 6.46 | 10.81 | 3.36 | 7.05 |
| YEAR | 10.81 | . 30 | 6.19 |  |  |  |  |  |  |  |  |  |

