021720709 COOPER RIVER AT U.S. HIGHWAY 17 AT CHARLESTON, SC
LOCATION.--Lat $32^{\circ} 48^{\prime} 11^{\prime \prime}$ ', long 79${ }^{\circ} 54^{\prime} 55^{\prime} '$, Charleston County, Hydrologic Unit 03050201 , on downstream side of pier on U.S. Highway 17 bridge and at mile 1.4 .

DRAINAGE AREA.--Indeterminate.
GAGE-HEIGHT RECORDS
PERIOD OF RECORD.--April 1997 to August 2005 (discontinued).
GAGE.--Data collection platform. Elevation of gage is 5 ft below NGVD of 1929 (from topographic map).
REMARKS.--Gage height affected by tide.
EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 11.25 ft , July 21, 2001; minimum gage height, 0.30 ft , Feb. 20, 2000. EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.06 ft , Feb. 27; minimum gage height, 0.96 ft , Mar. 8.

$$
\begin{aligned}
& \text { Gage height, feet } \\
& \text { WATER YEAR OCTOBER } 2004 \text { TO SEPTEMBER } 2005
\end{aligned}
$$

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | OCTOBER |  |  | NOVEMBER |  |  | DECEMBER |  |  | JANUARY |  |  |
| 1 | 9.81 | 3.75 | 6.84 | 8.88 | 3.94 | 6.28 | 8.54 | 3.61 | 5.92 | 8.35 | 3.46 | 5.80 |
| 2 | 9.58 | 4.08 | 6.78 | --- | --- | --- | 8.83 | 4.20 | 6.30 | 8.36 | 3.85 | 5.92 |
| 3 | 9.20 | 4.25 | 6.64 | --- | --- | --- | 8.44 | 4.17 | 6.15 | 8.09 | 3.82 | 5.92 |
| 4 | 9.04 | 4.55 | 6.65 | --- | --- | --- | 8.08 | 3.85 | 5.93 | 8.16 | 3.64 | 5.87 |
| 5 | 8.96 | 4.82 | 6.74 | 8.76 | 4.43 | 6.35 | 7.97 | 3.87 | 5.79 | 8.36 | 3.25 | 5.77 |
| 6 | 9.17 | 5.09 | 7.00 | 8.52 | 4.29 | 6.41 | 8.01 | 3.66 | 5.89 | 8.75 | 2.72 | 5.81 |
| 7 | 9.05 | 5.14 | 7.03 | --- | - | -- | 8.43 | 3.19 | 5.91 | 9.12 | 2.80 | 6.05 |
| 8 | 9.44 | 5.51 | 7.40 | 8.64 | 3.73 | 6.25 | 8.50 | 2.74 | 5.68 | --- | --- | --- |
| 9 | 9.35 | 4.81 | 7.21 | - | --- | --- | 9.08 | 2.61 | 6.03 | 9.92 | 2.22 | 6.49 |
| 10 | 9.41 | 4.45 | 7.00 | --- | --- | --- | 9.64 | 1.87 | 6.02 | 10.52 | 2.71 | 6.56 |
| 11 | 9.63 | 4.27 | 7.01 | 9.95 | 3.33 | 6.71 | 9.19 | 1.60 | 5.30 | 10.41 | 2.12 | 6.41 |
| 12 | 10.00 | 4.25 | 7.22 | 10.17 | 3.24 | 6.63 | 9.38 | 1.16 | 5.58 | 10.22 | 2.37 | 6.29 |
| 13 | 10.02 | 3.83 | 7.05 | 9.96 | 2.66 | 6.41 | 9.20 | 1.57 | 5.31 | 10.12 | 2.81 | 6.41 |
| 14 | 9.58 | 3.02 | 6.63 | 10.28 | 3.36 | 6.69 | 9.65 | 1.73 | 5.68 | --- | --- | --- |
| 15 | 10.05 | 3.11 | 6.45 | 10.40 | 3.30 | 6.65 | --- | --- | --- | 9.56 | 3.97 | 6.64 |
| 16 | 9.72 | 2.97 | 6.18 | 10.02 | 3.39 | 6.53 | 9.38 | 3.09 | 6.11 | --- | --- | --- |
| 17 | 9.50 | 2.80 | 6.11 | 9.76 | 3.55 | 6.47 | 9.20 | 3.21 | 6.13 | 9.39 | 4.09 | 6.56 |
| 18 | 9.60 | 3.25 | 6.33 | 9.54 | 3.62 | 6.44 | 9.05 | 3.53 | 6.25 | --- | --- | --- |
| 19 | 9.27 | 3.33 | 6.09 | 9.19 | 3.72 | 6.44 | 8.68 | 2.67 | 5.92 | --- | --- | --- |
| 20 | 9.15 | 3.39 | 6.16 | 8.89 | 3.33 | 6.38 | - - | . | , | --- | --- | --- |
| 21 | 9.84 | 4.14 | 6.94 | 8.78 | 3.33 | 6.34 | 8.86 | 3.44 | 6.19 | --- | --- | --- |
| 22 | 10.38 | 4.94 | 7.57 | 9.30 | 3.70 | 6.73 | 9.07 | 3.79 | 6.36 | 9.89 | 3.53 | 7.13 |
| 23 | 10.27 | 4.40 | 7.62 | 9.56 | 3.48 | 6.66 | 9.18 | 2.77 | 6.21 | 7.95 | 3.27 | 5.63 |
| 24 | 10.39 | 4.26 | 7.58 | 9.73 | 3.54 | 6.74 | 8.88 | 2.80 | 6.14 | 9.28 | 3.60 | 6.62 |
| 25 | 10.34 | 4.26 | 7.56 | 9.16 | 2.66 | 5.80 | 9.41 | 3.80 | 6.89 | 8.94 | 3.05 | 6.50 |
| 26 | 10.41 | 4.24 | 7.45 | 9.24 | 2.91 | 6.40 | 9.98 | 3.86 | 6.89 | 9.64 | 3.96 | 6.66 |
| 27 | 10.24 | 3.92 | 7.14 | --- | --- | --- | 9.32 | 3.80 | 6.44 | 9.30 | 3.65 | 6.74 |
| 28 | 10.15 | 3.78 | 7.07 | 8.89 | 3.36 | 6.10 | 9.21 | 3.77 | 6.40 | 9.61 | 4.09 | 6.88 |
| 29 | 10.07 | 4.05 | 7.03 | 9.08 | 3.39 | 6.22 | 9.06 | 3.52 | 6.18 | 9.42 | 4.53 | 6.99 |
| 30 | 9.84 | 4.08 | 6.85 | 9.15 | 4.15 | 6.47 | 8.65 | 3.39 | 5.89 | 9.15 | 4.02 | 6.71 |
| 31 | 9.11 | 3.80 | 6.28 | --- | , | --- | 8.56 | 3.40 | 5.83 | --- | --- | --- |
| MONTH | 10.41 | 2.80 | 6.89 | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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

| Gage height, feetWATER YEAR OCTOBER 2004 TO SEPTEMBER 2005 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | FEBRUARY |  |  | MARCH |  |  | APRIL |  |  | MAY |  |  |
| 1 | 9.21 | 4.92 | 7.04 | --- | --- | --- | 9.39 | 3.82 | 6.39 | --- | --- | --- |
| 2 | 9.63 | 4.96 | 7.16 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | --- | --- | --- | 8.14 | 3.71 | 5.70 | 7.83 | 2.77 | 5.24 | 9.49 | 3.70 | 6.87 |
| 4 | --- | --- |  | 8.66 | 3.54 | 5.88 | --- |  |  | 9.65 | 3.57 | 6.91 |
| 5 | 10.16 | 4.17 | 7.30 | --- | --- | --- | 9.03 | 2.89 | 6.27 | --- | --- | --- |
| 6 | 10.66 | 3.51 | 7.29 | 8.95 | 2.58 | 5.91 | 9.46 | 2.79 | 6.49 | --- | --- | --- |
| 7 | 10.64 | 3.43 | 7.17 | --- | --- | --- | 9.83 | 2.60 | 6.52 | --- | --- | --- |
| 8 | 10.70 | 2.99 | 6.98 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | 10.55 | 2.60 | 6.72 | 9.47 | 1.64 | 6.03 | --- | --- | --- | --- | --- | --- |
| 10 | 9.90 | 2.27 | 6.21 | 9.57 | 2.12 | 6.15 | --- | --- | --- | --- | --- | --- |
| 11 | 9.85 | 2.52 | 6.29 | 9.00 | 1.84 | 5.65 | --- | --- | --- | 9.24 | 3.79 | 6.40 |
| 12 | 9.64 | 3.05 | 6.51 | --- | --- | --- | - | --- | --- | 8.73 | 3.90 | 6.25 |
| 13 | 9.17 | 3.20 | 6.37 | 8.79 | 2.01 | 5.35 | 9.58 | 4.35 | 6.76 | 9.05 | 4.11 | 6.29 |
| 14 | 9.17 | 3.36 | 6.02 | 9.16 | 2.87 | 5.82 | --- | --- | --- | 9.04 | 4.49 | 6.52 |
| 15 | 8.19 | 3.25 | 5.66 | 9.02 | 3.92 | 6.30 | --- | --- | --- | 8.67 | 4.47 | 6.27 |
| 16 | 8.21 | 3.91 | 5.81 | --- | --- | --- | --- | --- | --- | 8.28 | 4.32 | 6.15 |
| 17 | 8.12 | 4.44 | 6.23 | 9.20 | 4.81 | 6.72 | --- | --- | --- | 8.30 | 4.21 | 6.36 |
| 18 | 8.37 | 3.80 | 6.05 | 8.99 | 5.05 | 6.91 | --- | --- | --- | 8.78 | 4.45 | 6.77 |
| 19 | 8.31 | 3.45 | 5.85 | 9.01 | 5.06 | 6.94 | --- | --- | --- | 9.08 | 4.30 | 6.77 |
| 20 | 8.17 | 3.48 | 5.83 | 8.99 | 4.07 | 6.60 | --- | --- | --- | 9.08 | 3.71 | 6.57 |
| 21 | --- | --- | --- | 8.21 | 3.98 | 6.23 | --- | --- | --- | 10.21 | 3.85 | 6.84 |
| 22 | 8.42 | 2.74 | 5.86 | 8.94 | 3.76 | 6.67 | - | --- | --- | 10.24 | 3.68 | 7.03 |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9.86 | 2.64 | 6.34 |
| 24 | --- | --- | --- | 8.73 | 2.78 | 5.96 | --- | --- | --- | 10.67 | 3.16 | 6.73 |
| 25 | 9.34 | 3.19 | 6.62 | 9.67 | 3.25 | 6.72 | --- | --- | --- | 10.81 | 3.71 | 7.12 |
| 26 | --- | --- | --- | 10.10 | 3.72 | 6.99 | --- | --- | --- | 10.32 | 3.46 | 6.82 |
| 27 | --- | --- | --- | 10.38 | 4.13 | 7.34 | --- | --- | --- | 9.92 | 3.31 | 6.56 |
| 28 | 10.42 | 3.54 | 7.00 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 29 | --- | --- | --- | 9.30 | 2.71 | 5.78 | --- | --- | --- | 9.57 | 3.41 | 6.45 |
| 30 | --- | --- | --- | 9.40 | 3.54 | 6.28 | --- | --- | --- | 9.52 | 3.65 | 6.73 |
| 31 | --- | --- | --- | 9.39 | 3.57 | 6.31 | --- | --- | --- | 9.65 | 3.68 | 6.97 |
| MONTH | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gage height, feet |  |  |  |  |  |  |  |  |  |  |  |  |
|  | JUNE |  |  | JULY |  |  | AUGUST |  |  | SEPTEMBER |  |  |
| 1 | 9.92 | 4.17 | 7.30 | 9.28 | 3.36 | 6.38 | 9.36 | 3.83 | 6.58 | --- | --- | --- |
| 2 | 9.61 | 3.71 | 6.94 | 9.38 | 3.22 | 6.42 | 9.70 | 4.17 | 6.85 | --- | --- | --- |
| 3 | 9.56 | 3.30 | 6.68 | 9.53 | 3.63 | 6.59 | 9.69 | 4.21 | 6.95 | --- | --- | --- |
| 4 | 9.64 | 3.12 | 6.53 | 9.45 | 3.65 | 6.55 | 9.48 | 3.74 | 6.64 | --- | --- | --- |
| 5 | 9.65 | 3.38 | 6.55 | --- | --- | --- | 9.60 | 4.12 | 6.76 | --- | --- | --- |
| 6 | 9.62 | 3.49 | 6.55 | --- | --- | --- | 9.47 | 4.30 | 6.83 | --- | --- | --- |
| 7 | 9.51 | 3.53 | 6.49 | --- | --- | --- | 9.56 | 4.20 | 6.89 | --- | --- | --- |
| 8 | 9.54 | 3.84 | 6.57 | --- | --- | --- | 9.10 | 3.97 | 6.75 | --- | --- | --- |
| 9 | 9.28 | 3.93 | 6.53 | 9.07 | 3.77 | 6.19 | 8.83 | 4.07 | 6.51 | --- | --- | --- |
| 10 | 9.36 | 4.22 | 6.60 | 9.17 | 3.94 | 6.40 | 8.77 | 3.95 | 6.47 | --- | --- | --- |
| 11 | 9.16 | 4.36 | 6.70 | 8.67 | 3.92 | 6.34 | 8.80 | 3.99 | 6.54 | --- | --- | --- |
| 12 | 9.01 | 4.40 | 6.55 | 8.54 | 3.92 | 6.23 | 8.81 | 4.01 | 6.46 | --- | --- | --- |
| 13 | 8.77 | 4.36 | 6.46 | 8.36 | 3.67 | 6.08 | 8.99 | 3.97 | 6.39 | --- | --- | --- |
| 14 | --- | --- | --- | 8.69 | 3.80 | 6.34 | 9.26 | 3.87 | 6.42 | --- | --- | --- |
| 15 | 8.33 | 3.94 | 6.19 | --- | --- | --- | 9.36 | 3.62 | 6.34 | --- | --- | --- |
| 16 | 8.60 | 3.90 | 6.30 | 8.79 | 3.53 | 6.07 | 9.64 | 3.10 | 6.37 | --- | --- | --- |
| 17 | 9.38 | 4.25 | 6.80 | 9.13 | 3.19 | 6.07 | 10.13 | 2.87 | 6.49 | --- | --- | --- |
| 18 | 9.81 | 4.26 | 7.05 | 9.53 | 3.07 | 6.18 | 10.61 | 3.04 | 6.94 | --- | --- | --- |
| 19 | 10.45 | 3.96 | 7.23 | 9.73 | 2.70 | 6.17 | . | --- | --- | --- | --- | --- |
| 20 | 10.53 | 3.58 | 7.04 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 21 | 10.46 | 3.15 | 6.83 | 10.19 | 1.93 | 6.01 | --- | --- | --- | --- | --- | --- |
| 22 | 10.21 | 2.72 | 6.46 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 | 10.20 | 2.26 | 6.17 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 24 | 10.37 | 3.11 | 6.56 | 10.29 | 3.09 | 6.74 | --- | --- | --- | --- | --- | --- |
| 25 | 10.35 | 3.58 | 6.82 | 9.58 | 3.13 | 6.48 | --- | --- | --- | --- | --- | --- |
| 26 | 10.17 | 3.38 | 6.58 | 9.33 | 2.77 | 6.15 | --- | --- | --- | --- | --- | --- |
| 27 | 9.53 | 2.96 | 6.26 | 9.14 | 3.03 | 6.30 | --- | --- | --- | --- | --- | --- |
| 28 | 9.09 | 3.18 | 6.31 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 29 | 9.09 | 3.30 | 6.33 | 9.13 | 3.69 | 6.44 | --- | --- | --- | --- | --- | --- |
| 30 | 9.21 | 3.07 | 6.31 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 31 | --- | --- | --- | 9.09 | 3.89 | 6.39 | -- | -- | -- | -- | -- | --- |
| MONTH | --- | -- | --- | --- | -- | -- | --- | - | --- | --- | -- | --- |

