## 02176635 BATTERY CREEK AT PORT ROYAL, SC

LOCATION.--Lat $32^{\circ} 22^{\prime} 37^{\prime \prime}$, long $80^{\circ} 42^{\prime} 53^{\prime \prime}$, Beaufort County, Hydrologic Unit 03050208 , on SC Highway $802 / 281$ bridge pier near main channel of Battery Creek, approximately 500 feet east of Battery Creek (Parris Island) public boat landing, and 2.3 mi upstream of the Battery Creek and Beaufort River confluence.

DRAINAGE AREA.--Indeterminate.
GAGE HEIGHT RECORDS
PERIOD OF RECORD.--October 1998 to current year.
GAGE.--Data Collection Platform. Elevation of gage is 5.0 ft below sea level (from topographic map).
REMARKS.--Gage height affected by tide.
EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 16.51 ft , Jun. 13, 1999; minimum gage height, 4.49 ft, Apr. 17 , 1999. EXTREMES FOR CURRENT YEAR.--Maximum gage height, 16.36 ft , Nov. 24; minimum gage height, 4.74 ft , Jan. 21 .

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 | 15.54 | 7.31 | 11.49 | --- | --- | --- | 14.06 | 7.04 | 10.88 | 13.47 | 6.44 | 10.16 |
| 2 | 15.45 | 7.57 | 11.47 | --- | --- | --- | 14.20 | 7.13 | 11.02 | 13.63 | 6.35 | 10.23 |
| 3 | 14.97 | 7.00 | 11.22 | -- | --- | --- | 14.57 | 6.75 | 11.09 | 13.84 | 6.35 | 10.30 |
| 4 | 14.85 | 6.84 | 11.19 | --- | --- | --- | 14.46 | 6.75 | 10.90 | 13.80 | 6.27 | 10.22 |
| 5 | 14.98 | 6.85 | 11.37 | --- | --- | --- | 14.58 | 6.69 | 10.96 | 13.05 | 5.21 | 9.75 |
| 6 | 15.59 | 7.14 | 11.77 | --- | --- | --- | 14.48 | 6.55 | 10.42 | 14.14 | 6.27 | 10.52 |
| 7 | 15.62 | 7.30 | 11.79 | --- | --- | --- | 14.23 | 5.88 | 10.62 | 14.14 | 6.22 | 10.33 |
| 8 | 15.54 | 7.38 | 11.88 | --- | --- | --- | 14.49 | 6.88 | 10.90 | 14.25 | 6.45 | 10.69 |
| 9 | 15.38 | 6.78 | 11.57 | --- | --- | --- | 14.61 | 6.95 | 10.89 | 14.50 | 6.59 | 10.74 |
| 10 | 15.00 | 6.76 | 11.24 | 14.16 | 6.67 | 10.57 | 14.22 | 6.62 | 10.50 | --- | --- | --- |
| 11 | 14.96 | 6.88 | 11.19 | 13.76 | 6.71 | 10.39 | 14.05 | 6.61 | 10.51 | --- | --- | --- |
| 12 | 15.01 | 7.12 | 11.43 | 14.37 | 7.31 | 10.96 | 14.26 | 7.14 | 10.85 | --- | --- | --- |
| 13 | 15.06 | 7.82 | 11.63 | 14.42 | 7.92 | 11.24 | 13.85 | 7.14 | 10.64 | --- | --- | --- |
| 14 | 14.47 | 7.78 | 11.25 | 13.63 | 7.49 | 10.60 | 13.42 | 6.69 | 10.08 | --- | --- | --- |
| 15 | 14.76 | 8.77 | 11.69 | 14.03 | 7.41 | 10.71 | 13.38 | 7.09 | 10.17 | --- | --- | --- |
| 16 | 14.84 | 9.13 | 11.92 | 14.13 | 7.99 | 11.06 | 13.27 | 6.53 | 10.09 | --- | --- | --- |
| 17 | 14.26 | 8.19 | 11.60 | 13.98 | 7.53 | 11.05 | 13.68 | 6.81 | 10.54 | --- | --- | --- |
| 18 | 13.86 | 8.16 | 11.07 | 13.96 | 6.94 | 10.86 | 14.18 | 6.61 | 11.05 | --- | --- | --- |
| 19 | 14.55 | 8.38 | 11.53 | 13.94 | 6.18 | 10.69 | 15.41 | 6.17 | 11.37 | --- | --- | --- |
| 20 | 14.64 | 7.32 | 11.39 | 14.46 | 5.90 | 10.83 | 15.43 | 5.77 | 10.95 | 15.27 | 4.77 | 10.46 |
| 21 | 15.03 | 7.42 | 11.55 | 15.06 | 5.78 | 10.98 | 15.49 | 5.13 | 10.90 | 15.40 | 4.74 | 10.69 |
| 22 | 15.62 | 7.34 | 11.83 | 15.79 | 5.56 | 11.12 | 15.80 | 4.92 | 10.73 | 16.04 | 5.43 | 10.96 |
| 23 | --- |  | -_- | 16.15 | 5.73 | 11.20 | 16.06 | 5.39 | 10.87 | 15.83 | 5.70 | 10.94 |
| 24 | --- | --- | --- | 16.36 | 5.62 | 11.23 | 15.44 | 4.92 | 10.42 | 15.79 | 6.14 | 10.94 |
| 25 | --- | --- | --- | 16.21 | 5.85 | 11.14 | 15.75 | 5.51 | 10.75 | 14.98 | 6.08 | 10.69 |
| 26 | --- | --- | --- | 15.95 | 6.10 | 11.04 | 15.03 | 5.67 | 10.34 | 13.93 | 6.25 | 10.23 |
| 27 | --- | --- | --- | 15.12 | 5.73 | 10.58 | 14.53 | 5.64 | 10.14 | 13.60 | 6.87 | 10.35 |
| 28 | --- | --- | --- | 14.90 | 6.59 | 10.79 | 14.12 | 6.41 | 10.31 | 13.47 | 6.97 | 10.40 |
| 29 | --- | --- | --- | 14.68 | 6.99 | 10.93 | 13.58 | 6.62 | 10.02 | 13.59 | 7.98 | 10.91 |
| 30 | --- | --- | --- | 14.13 | 7.19 | 10.90 | 13.43 | 6.44 | 10.16 | 13.43 | 6.46 | 10.13 |
| 31 | --- | --- | --- | --- | --- | --- | 13.29 | 6.44 | 9.94 | 12.65 | 6.24 | 9.71 |
| MONTH | 15.62 | 6.76 | 11.50 | 16.36 | 5.56 | 10.90 | 16.06 | 4.92 | 10.61 | 16.04 | 4.74 | 10.45 |

02176635 BATTERY CREEK AT PORT ROYAL, 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 | 13.16 | 5.79 | 9.79 | --- | --- | --- | 14.13 | 7.25 | 11.08 | 14.54 | 6.32 | 10.84 |
| 2 | 13.25 | 5.79 | 10.01 | - | --- | --- | 14.34 | 6.18 | 10.80 | 14.60 | 5.76 | 10.69 |
| 3 | 13.54 | 5.90 | 9.98 | --- | --- | --- | 14.49 | 5.69 | 10.54 | 15.25 | 5.27 | 10.59 |
| 4 | 13.35 | 5.60 | 9.66 | --- | --- | --- | 13.83 | 4.81 | 9.92 | --- | --- | --- |
| 5 | 13.35 | 4.98 | 9.82 | --- | --- | --- | 14.62 | 4.78 | 9.91 | 15.36 | 5.19 | 10.54 |
| 6 | 13.58 | 5.63 | 9.96 | --- | --- | --- | 14.40 | 5.03 | 9.97 | 15.16 | 5.08 | 10.28 |
| 7 | 13.71 | 5.61 | 9.93 | --- | --- | --- | 14.75 | 5.16 | 9.95 | 15.04 | 5.44 | 10.20 |
| 8 | 14.01 | 5.68 | 10.07 | --- | --- | --- | 14.22 | 5.06 | 9.85 | 15.01 | 5.79 | 10.19 |
| 9 | 14.13 | 6.33 | 10.60 | --- | --- | --- | 13.95 | 5.53 | 9.53 | --- |  | --- |
| 10 | 14.22 | 6.24 | 10.66 | --- | --- | --- | 14.28 | 5.79 | 10.02 | --- | --- | --- |
| 11 | 14.09 | 5.59 | 10.08 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 12 | 13.30 | 6.01 | 9.85 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | 13.95 | 7.07 | 10.63 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | 14.55 | 5.52 | 10.20 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | 13.50 | 5.78 | 10.08 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | 14.39 | 4.98 | 10.36 | 14.65 | 5.34 | 10.76 | --- | --- | --- | --- | --- | --- |
| 17 | --- | --- | --- | - | --- | --- | --- | --- | --- | --- | --- | --- |
| 18 | --- | --- | --- | 15.33 | 5.35 | 11.20 | --- | --- | --- | --- | --- | --- |
| 19 | --- | --- | --- | 15.59 | 6.61 | 11.43 | --- | --- | --- | --- | --- | --- |
| 20 | --- | --- | --- | 15.88 | 6.31 | 11.54 | --- | --- | --- | 14.01 | 5.94 | 10.04 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22 | --- | --- | --- | 14.94 | 6.32 | 10.84 | --- | --- | --- | --- | --- | --- |
| 23 | --- | --- | --- | 15.06 | 7.15 | 11.18 | --- | --- | --- | --- | --- | --- |
| 24 | --- | --- | --- | 15.00 | 7.41 | 11.20 | --- | --- | --- | --- | --- | --- |
| 25 | --- | --- | --- | 14.52 | 7.31 | 10.82 | --- | --- | --- | --- | --- | --- |
| 26 | --- | --- | --- | 13.82 | 7.13 | 10.35 | 13.13 | 7.39 | 10.54 | --- | --- | --- |
| 27 | --- | --- | --- | 13.23 | 7.77 | 10.63 | --- | --- | --- | --- | --- | --- |
| 28 | --- | --- | --- | 12.64 | 7.51 | 10.20 | --- | --- | --- | --- | --- | --- |
| 29 | --- | --- | --- | 12.82 | 6.97 | 10.05 | 13.91 | 7.31 | 10.92 | 14.90 | 6.99 | 11.19 |
| 30 | --- | --- | --- | 13.51 | 7.01 | 10.55 | --- | --- | --- | 15.72 | 6.95 | 11.73 |
| 31 | --- | --- | --- | 13.65 | 7.41 | 10.89 | --- | --- | --- |  |  |  |
| MONTH | 14.55 | 4.98 | 10.10 | 15.88 | 5.34 | 10.83 | 14.75 | 4.78 | 10.25 | 15.72 | 5.08 | 10.63 |
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|  | JUNE |  |  | JULY |  |  | AUGUST |  |  | SEPTEMBER |  |  |
| 1 | 16.09 | 5.93 | 11.49 | 16.34 | 5.69 | 11.24 | 15.53 | 5.12 | 10.55 | 15.08 | 6.61 | 11.18 |
| 2 | 16.14 | 5.51 | 11.11 | 16.34 | 5.75 | 11.21 | 15.20 | 5.58 | 10.59 | 14.95 | 6.78 | 11.20 |
| 3 | 16.15 | 5.43 | 11.00 | 16.14 | 5.70 | 11.10 | 14.44 | 5.84 | 10.46 | 14.71 | 7.20 | 11.10 |
| 4 | --- | --- | --- | 15.62 | 5.95 | 10.93 | 14.42 | 6.05 | 10.41 | 14.37 | 7.19 | 11.10 |
| 5 | --- | --- | --- | 15.32 | 5.95 | 10.67 | 14.08 | 6.10 | 10.50 | 14.43 | 7.78 | 11.23 |
| 6 | 15.53 | 5.67 | 10.59 | 14.94 | 5.90 | 10.54 | 14.36 | 6.92 | 10.86 | 14.67 | 8.85 | 11.79 |
| 7 | 15.12 | 6.80 | 10.95 | --- | --- | --- | 14.27 | 7.25 | 10.94 | 14.96 | 9.27 | 12.10 |
| 8 | 15.13 | 6.97 | 11.05 | --- | --- | --- | 14.35 | 7.27 | 10.98 | 14.84 | 8.49 | 11.91 |
| 9 | 14.45 | 6.76 | 10.83 | --- | --- | ---- | 14.34 | 7.42 | 11.07 | 14.64 | 8.04 | 11.56 |
| 10 | 14.15 | 6.59 | 10.72 | 13.91 | 6.69 | 10.75 | 14.50 | 7.49 | 11.10 | 14.71 | 7.75 | 11.41 |
| 11 | 14.16 | 6.37 | 10.65 | 13.76 | 6.38 | 10.32 | 14.61 | 7.40 | 11.04 | 14.95 | 7.48 | 11.34 |
| 12 | 14.11 | 6.31 | 10.55 | --- |  | --- | 14.89 | 7.38 | 11.31 | 15.17 | 7.64 | 11.49 |
| 13 | --- | --- | --- | --- | --- | --- | 15.05 | 7.50 | 11.42 | 15.36 | 7.30 | 11.44 |
| 14 | --- | --- | --- | --- | --- | --- | 15.02 | 7.41 | 11.40 | 15.36 | 7.18 | 11.48 |
| 15 | 14.59 | 6.61 | 10.78 | --- | --- | --- | 15.06 | 7.18 | 11.21 | 15.08 | 7.13 | 11.45 |
| 16 | 14.51 | 6.63 | 10.70 | 14.59 | 6.97 | 10.95 | 14.40 | 6.85 | 10.95 | 15.49 | 7.41 | 11.69 |
| 17 | 14.15 | 6.43 | 10.47 | --- | --- | --- | 14.27 | 6.40 | 10.46 | 15.28 | 7.37 | 11.61 |
| 18 | --- | - | --- | --- | --- | --- | 14.01 | 6.50 | 10.62 | 15.59 | 7.34 | 11.49 |
| 19 | --- | --- | --- | --- | --- | --- | 14.35 | 6.01 | 10.67 | 14.31 | 6.26 | 10.58 |
| 20 | --- | --- | --- | 13.76 | 6.66 | 10.33 | 14.64 | 7.45 | 11.34 | 14.45 | 6.72 | 10.60 |
| 21 | 13.75 | 6.93 | 10.53 | 13.98 | 6.69 | 10.69 | 14.78 | 7.63 | 11.37 | 14.31 | 6.64 | 10.57 |
| 22 | 13.75 | 6.78 | 10.18 | 13.98 | 7.13 | 10.83 | 14.97 | 7.61 | 11.40 | 14.69 | 6.53 | 10.72 |
| 23 | --- | --- | --- | 13.79 | 6.78 | 10.68 | 14.72 | 7.12 | 11.13 | 14.29 | 6.01 | 10.54 |
| 24 | --- | --- | --- | --- | --- | --- | 14.78 | 6.65 | 10.91 | 14.75 | 5.79 | 10.67 |
| 25 | 13.55 | 6.68 | 10.45 | --- | --- | -- | 15.09 | 6.22 | 10.81 | 15.10 | 5.69 | 10.86 |
| 26 | 13.73 | 6.21 | 10.25 | --- | --- | --- | 15.59 | 6.04 | 11.18 | 14.95 | 5.36 | 10.54 |
| 27 |  | --- | --- | 15.18 | 6.26 | 11.02 | 15.66 | 5.88 | 11.26 | 15.41 | 5.93 | 11.04 |
| 28 | 14.56 | 5.52 | 10.38 | 15.52 | 5.89 | 11.07 | 15.97 | 5.39 | 11.08 | 15.51 | 6.44 | 11.36 |
| 29 | 14.71 | 5.01 | 10.24 | 15.88 | 5.45 | 11.01 | 16.08 | 5.75 | 11.17 | 15.75 | 7.03 | 11.77 |
| 30 | 16.03 | 5.36 | 10.77 | 15.96 | 5.25 | 10.90 | 15.93 | 6.22 | 11.45 | 15.78 | 7.94 | 11.93 |
| 31 | - | --- | - | 15.69 | 4.84 | 10.56 | 15.49 | 6.38 | 11.35 | --- | --- | --- |
| MONTH | 16.15 | 5.01 | 10.68 | 16.34 | 4.84 | 10.82 | 16.08 | 5.12 | 11.00 | 15.78 | 5.36 | 11.26 |
| YEAR | 16.36 | 4.74 | 10.81 |  |  |  |  |  |  |  |  |  |

