

02176603 BEAUFORT RIVER AT BEAUFORT, SC

LOCATION.--Lat 32°25'38'', long 80°40'10'', Beaufort County, Hydrologic Unit 03050208, attached to concrete pier of US Highway 21 bridge, near main channel of Beaufort River (Intracoastal Waterway), approximately 1000 ft from north end of bridge, at Beaufort.

DRAINAGE AREA.--Indeterminate.

GAGE HEIGHT RECORDS

PERIOD OF RECORD.--October 1998 to current year.

GAGE.--Data Collection Platform. Datum of gage is 8.67 ft below NGVD of 1929 (from South Carolina Department of Transportation benchmark, elevation by National Geodetic Survey 1984).

REMARKS.--Gage height affected by tide.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 15.62 ft, Sep. 16, 2001; minimum gage height, 3.31 ft, Feb. 8, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.61 ft, Sep. 26; minimum gage height, 3.31 ft, Feb. 8.

| Gage height, feet WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004 | | | | | | | | | | | | |
|--|---------|------|-------|----------|------|-------|----------|------|-------|---------|------|------|
| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| | OCTOBER | | | NOVEMBER | | | DECEMBER | | | JANUARY | | |
| 1 | 14.29 | 6.10 | 10.38 | 13.78 | 6.55 | 10.27 | 11.84 | 4.83 | 8.61 | 11.76 | 5.31 | 8.73 |
| 2 | 14.09 | 6.33 | 10.41 | 13.70 | 6.69 | 10.41 | 11.94 | 5.40 | 9.04 | 12.01 | 5.32 | 8.83 |
| 3 | 14.08 | 6.92 | 10.64 | 13.89 | 6.43 | 10.77 | 12.38 | 5.80 | 9.51 | 12.09 | 4.98 | 8.86 |
| 4 | 13.66 | 6.11 | 10.32 | 13.47 | 5.96 | 10.36 | 13.17 | 5.63 | 10.01 | 12.18 | 4.98 | 8.93 |
| 5 | 13.27 | 5.61 | 9.86 | 13.29 | 5.85 | 10.09 | 13.05 | 5.48 | 9.61 | 12.33 | 4.64 | 8.79 |
| 6 | 13.30 | 5.61 | 9.87 | 13.34 | 5.56 | 9.87 | 12.33 | 5.13 | 9.25 | 12.01 | 4.43 | 8.58 |
| 7 | 13.40 | 5.66 | 9.85 | 13.16 | 5.33 | 9.77 | 13.10 | 5.27 | 9.68 | 12.48 | 4.49 | 9.01 |
| 8 | 13.41 | 5.48 | 9.75 | 13.65 | 5.68 | 10.24 | 13.23 | 5.48 | 9.72 | 12.78 | 4.95 | 9.11 |
| 9 | 13.10 | 5.23 | 9.76 | 13.72 | 6.93 | 10.45 | 13.15 | 5.72 | 9.79 | 13.07 | 5.06 | 9.24 |
| 10 | 13.43 | 5.71 | 9.94 | 13.77 | 6.57 | 10.27 | 13.57 | 6.07 | 9.84 | 13.22 | 5.34 | 9.37 |
| 11 | 13.42 | 5.73 | 10.00 | 13.44 | 6.07 | 9.86 | 12.14 | 4.60 | 8.61 | 13.14 | 5.32 | 9.34 |
| 12 | 13.55 | 6.26 | 10.14 | 12.80 | 5.86 | 9.40 | 12.82 | 5.46 | 9.23 | 12.21 | 4.60 | 8.73 |
| 13 | 13.41 | 6.23 | 10.08 | 11.77 | 5.03 | 8.62 | 13.29 | 6.29 | 9.90 | 12.00 | 4.72 | 8.46 |
| 14 | 13.52 | 6.52 | 10.20 | 12.46 | 6.08 | 9.20 | 13.53 | 6.11 | 9.82 | 12.44 | 5.18 | 8.94 |
| 15 | 12.74 | 5.51 | 9.53 | 12.32 | 6.21 | 9.23 | 12.59 | 5.55 | 9.17 | 11.83 | 5.05 | 8.60 |
| 16 | 12.94 | 6.80 | 9.88 | 12.21 | 6.17 | 9.15 | 12.59 | 5.96 | 9.29 | 12.54 | 5.29 | 9.26 |
| 17 | 12.66 | 6.81 | 9.83 | 12.01 | 6.00 | 9.03 | 12.29 | 4.98 | 8.69 | 12.78 | 5.12 | 9.41 |
| 18 | 12.84 | 7.00 | 9.86 | 12.56 | 5.92 | 9.40 | 12.11 | 4.58 | 8.78 | 13.58 | 3.92 | 9.29 |
| 19 | 12.95 | 6.96 | 9.99 | 12.67 | 4.16 | 9.39 | 12.08 | 4.13 | 8.41 | 12.99 | 3.92 | 9.01 |
| 20 | 12.90 | 6.31 | 9.76 | 13.13 | 4.69 | 9.40 | 12.48 | 4.07 | 8.77 | 13.84 | 4.25 | 9.50 |
| 21 | 12.99 | 5.49 | 9.71 | 13.66 | 5.15 | 9.94 | 13.61 | 3.96 | 9.36 | 13.87 | 4.05 | 9.38 |
| 22 | 13.36 | 4.93 | 9.51 | 13.96 | 4.65 | 9.86 | 13.78 | 3.81 | 9.28 | 13.60 | 4.06 | 9.05 |
| 23 | 14.12 | 5.27 | 10.28 | 14.40 | 4.60 | 9.80 | 14.12 | 3.65 | 9.35 | 12.62 | 3.37 | 8.54 |
| 24 | 14.00 | 5.04 | 10.11 | 14.49 | 4.36 | 9.69 | 14.09 | 3.95 | 9.25 | 12.68 | 3.83 | 8.60 |
| 25 | 14.29 | 4.68 | 9.98 | 14.41 | 3.80 | 9.57 | 13.47 | 3.80 | 8.87 | 13.32 | 4.44 | 9.34 |
| 26 | 14.34 | 4.44 | 9.75 | 14.58 | 4.96 | 9.89 | 13.34 | 4.33 | 8.95 | 13.20 | 5.32 | 9.56 |
| 27 | 14.48 | 4.68 | 9.81 | 14.24 | 5.17 | 9.82 | 13.09 | 4.74 | 9.01 | 12.72 | 5.17 | 9.32 |
| 28 | 14.38 | 4.82 | 9.93 | 13.84 | 4.30 | 9.21 | 12.87 | 5.30 | 9.14 | 11.75 | 4.92 | 8.25 |
| 29 | --- | --- | --- | 12.15 | 3.89 | 8.09 | 12.34 | 5.33 | 8.99 | 11.43 | 5.37 | 8.54 |
| 30 | 13.99 | 5.54 | 9.87 | 12.40 | 5.32 | 8.94 | 11.86 | 4.90 | 8.59 | 11.32 | 5.59 | 8.40 |
| 31 | 13.82 | 6.45 | 10.15 | --- | --- | --- | 11.79 | 5.65 | 8.81 | 11.23 | 5.93 | 8.88 |
| MONTH | --- | --- | --- | 14.58 | 3.80 | 9.67 | 14.12 | 3.65 | 9.20 | 13.87 | 3.37 | 8.96 |

BROAD RIVER BASIN

02176603 BEAUFORT RIVER AT BEAUFORT, SC--Continued

Gage height, feet
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| DAY | FEBRUARY | | | MARCH | | | APRIL | | | MAY | | |
|-------|----------|------|-------|-------|------|-------|-------|------|------|-------|------|------|
| | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| 1 | 12.38 | 6.81 | 9.55 | 11.70 | 5.83 | 8.79 | 12.12 | 5.15 | 9.11 | 12.55 | 5.01 | 9.34 |
| 2 | 12.78 | 6.48 | 9.94 | 11.57 | 4.91 | 8.41 | 12.26 | 4.94 | 9.07 | 13.26 | 4.68 | 9.40 |
| 3 | 12.51 | 5.13 | 9.08 | 11.64 | 4.87 | 8.40 | 12.98 | 4.83 | 9.44 | 13.31 | 3.63 | 9.03 |
| 4 | 12.24 | 4.51 | 8.74 | 12.13 | 4.72 | 8.73 | 13.29 | 4.52 | 9.23 | 14.17 | 3.94 | 9.45 |
| 5 | 12.94 | 4.87 | 9.32 | 12.55 | 4.51 | 8.86 | 13.56 | 4.33 | 9.48 | 14.28 | 4.19 | 9.42 |
| 6 | 13.26 | 5.07 | 9.38 | 12.67 | 4.02 | 8.59 | 14.00 | 4.21 | 9.34 | 14.21 | 3.90 | 9.19 |
| 7 | 12.06 | 4.01 | 8.19 | 12.58 | 3.48 | 8.54 | 13.63 | 4.08 | 9.15 | 14.00 | 4.39 | 9.21 |
| 8 | 12.25 | 3.31 | 8.19 | 12.70 | 3.36 | 8.33 | 13.57 | 4.23 | 9.11 | 13.92 | 4.57 | 9.33 |
| 9 | 12.74 | 4.37 | 8.81 | 13.52 | 4.01 | 9.16 | 13.52 | 4.69 | 9.22 | 13.83 | 5.29 | 9.52 |
| 10 | 12.26 | 4.17 | 8.60 | 13.31 | 4.84 | 9.33 | 13.56 | 5.27 | 9.44 | 13.50 | 5.37 | 9.55 |
| 11 | 12.03 | 4.34 | 8.44 | 13.31 | 4.70 | 9.27 | 13.24 | 5.17 | 9.31 | 13.27 | 5.52 | 9.53 |
| 12 | 12.35 | 5.22 | 9.08 | 13.11 | 4.75 | 8.98 | 13.20 | 5.65 | 9.39 | 12.94 | 5.36 | 9.51 |
| 13 | 12.56 | 5.28 | 9.07 | 12.78 | 5.08 | 9.20 | 12.88 | 4.31 | 8.91 | 12.77 | 5.14 | 9.42 |
| 14 | 12.56 | 5.16 | 9.19 | 13.06 | 5.47 | 9.32 | 11.17 | 3.57 | 7.72 | 12.70 | 4.71 | 9.36 |
| 15 | 13.20 | 4.65 | 9.41 | 12.81 | 5.11 | 9.11 | 12.28 | 4.35 | 8.91 | 12.86 | 4.78 | 9.30 |
| 16 | 13.21 | 5.44 | 9.42 | 12.74 | 4.76 | 9.26 | 12.80 | 4.54 | 9.23 | 13.00 | 4.67 | 9.22 |
| 17 | 13.52 | 5.19 | 9.70 | 12.79 | 4.74 | 9.35 | --- | --- | --- | 13.11 | 4.64 | 9.14 |
| 18 | 13.35 | 4.21 | 9.26 | 13.50 | 4.81 | 9.69 | --- | --- | --- | 13.01 | 4.71 | 9.08 |
| 19 | 13.37 | 4.07 | 9.15 | 13.19 | 4.29 | 9.36 | --- | --- | --- | 12.93 | 4.81 | 9.06 |
| 20 | 13.36 | 3.88 | 9.02 | 13.75 | 5.08 | 9.87 | --- | --- | --- | 12.50 | 4.60 | 8.79 |
| 21 | 12.83 | 3.66 | 8.66 | 12.99 | 4.27 | 9.18 | --- | --- | --- | 12.41 | 4.82 | 8.62 |
| 22 | 12.84 | 4.05 | 8.89 | 13.15 | 4.44 | 9.29 | --- | --- | --- | 12.36 | 5.08 | 8.71 |
| 23 | 12.88 | 4.71 | 9.10 | 12.92 | 5.09 | 9.39 | 11.87 | 4.95 | 8.50 | 12.25 | 5.26 | 8.77 |
| 24 | 12.80 | 5.04 | 9.34 | 12.70 | 5.00 | 9.09 | 11.85 | 5.08 | 8.43 | 12.24 | 5.43 | 8.73 |
| 25 | 12.81 | 6.44 | 9.98 | 12.58 | 5.11 | 8.84 | 11.85 | 5.58 | 8.75 | 12.00 | 5.29 | 8.57 |
| 26 | 13.76 | 6.66 | 10.31 | 12.20 | 5.20 | 8.64 | 11.94 | 6.06 | 8.91 | 11.79 | 5.24 | 8.59 |
| 27 | 12.66 | 6.09 | 9.49 | 11.81 | 5.81 | 8.75 | 11.62 | 6.14 | 8.90 | 11.50 | 5.19 | 8.60 |
| 28 | 12.34 | 6.72 | 9.70 | 11.61 | 6.18 | 8.93 | 11.53 | 6.35 | 9.27 | 11.81 | 5.10 | 8.78 |
| 29 | 12.17 | 6.27 | 9.18 | 12.47 | 7.28 | 9.83 | 12.19 | 5.87 | 9.24 | 12.66 | 5.24 | 9.10 |
| 30 | --- | --- | --- | 12.64 | 7.27 | 10.04 | 12.20 | 5.42 | 9.27 | 13.44 | 5.20 | 9.79 |
| 31 | --- | --- | --- | 12.67 | 5.96 | 9.75 | --- | --- | --- | 13.53 | 4.44 | 9.47 |
| MONTH | 13.76 | 3.31 | 9.18 | 13.75 | 3.36 | 9.11 | --- | --- | --- | 14.28 | 3.63 | 9.15 |

| DAY | JUNE | | | JULY | | | AUGUST | | | SEPTEMBER | | |
|-------|-------|------|-------|-------|------|------|--------|------|-------|-----------|------|-------|
| | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| 1 | 13.82 | 3.79 | 9.13 | 14.28 | 3.90 | 9.40 | 14.34 | 4.09 | 9.54 | 12.82 | 3.96 | 8.93 |
| 2 | 14.33 | 3.97 | 9.37 | 14.34 | 3.89 | 9.29 | 14.27 | 4.66 | 9.67 | 12.95 | 4.58 | 9.28 |
| 3 | 14.36 | 3.64 | 9.24 | 14.50 | 3.94 | 9.35 | 13.72 | 5.01 | 9.78 | 13.27 | 5.66 | 9.70 |
| 4 | 14.24 | 3.88 | 9.09 | 14.31 | 4.30 | 9.41 | 13.62 | 4.79 | 9.68 | 13.09 | 5.85 | 9.75 |
| 5 | 14.07 | 4.05 | 9.07 | 13.78 | 4.58 | 9.41 | 13.27 | 5.21 | 9.64 | 13.17 | 6.87 | 10.22 |
| 6 | 13.90 | 4.51 | 9.29 | 13.78 | 4.59 | 9.47 | 13.16 | 4.96 | 9.74 | 13.50 | 7.45 | 10.57 |
| 7 | 13.95 | 4.82 | 9.45 | 13.56 | 5.05 | 9.68 | 13.39 | 6.46 | 10.14 | 13.00 | 7.78 | 10.54 |
| 8 | 13.46 | 5.12 | 9.49 | 13.10 | 5.01 | 9.57 | 12.75 | 6.06 | 9.75 | 12.59 | 6.52 | 9.69 |
| 9 | 13.19 | 5.20 | 9.55 | 12.93 | 5.36 | 9.54 | 12.50 | 5.99 | 9.54 | 12.07 | 5.86 | 9.06 |
| 10 | 12.91 | 5.22 | 9.58 | 12.97 | 5.36 | 9.58 | 12.38 | 6.00 | 9.43 | 12.24 | 5.40 | 9.02 |
| 11 | 12.86 | 4.94 | 9.33 | 12.94 | 5.66 | 9.67 | 12.34 | 5.78 | 9.31 | 12.96 | 5.56 | 9.53 |
| 12 | 13.10 | 4.90 | 9.46 | 12.72 | 5.63 | 9.55 | 12.29 | 5.69 | 9.22 | 13.63 | 5.70 | 9.95 |
| 13 | 13.67 | 6.22 | 10.23 | 12.69 | 5.35 | 9.24 | 12.19 | 4.69 | 8.68 | 13.68 | 5.72 | 9.96 |
| 14 | 13.27 | 5.67 | 9.89 | 12.62 | 5.33 | 9.07 | 12.17 | 5.12 | 9.08 | 13.75 | 5.65 | 10.09 |
| 15 | 13.09 | 5.40 | 9.51 | 12.37 | 5.18 | 9.02 | 12.79 | 4.56 | 8.91 | 13.58 | 5.07 | 9.86 |
| 16 | 12.81 | 5.01 | 9.11 | 13.22 | 5.19 | 9.28 | 12.94 | 4.69 | 8.96 | 13.65 | 5.02 | 9.76 |
| 17 | 12.79 | 5.03 | 9.05 | 13.10 | 5.18 | 9.37 | 13.00 | 4.92 | 9.15 | 13.47 | 4.71 | 9.56 |
| 18 | 12.70 | 5.02 | 8.91 | 12.69 | 5.25 | 9.08 | 13.08 | 4.95 | 9.28 | 12.97 | 4.26 | 8.98 |
| 19 | 13.01 | 5.23 | 9.06 | 13.08 | 5.12 | 9.20 | 12.76 | 4.91 | 9.11 | 13.16 | 5.04 | 9.43 |
| 20 | 13.47 | 5.85 | 9.67 | 12.86 | 5.22 | 9.20 | 12.41 | 4.80 | 9.01 | 14.06 | 6.51 | 10.32 |
| 21 | 13.26 | 6.58 | 9.93 | 12.77 | 5.19 | 9.21 | 12.22 | 4.62 | 8.76 | 14.30 | 6.79 | 10.60 |
| 22 | 13.20 | 6.01 | 9.40 | 12.72 | 5.32 | 9.30 | 12.42 | 4.78 | 8.74 | 13.80 | 6.18 | 10.23 |
| 23 | 12.38 | 5.39 | 8.72 | 12.61 | 5.40 | 9.30 | 12.95 | 5.12 | 9.25 | 13.36 | 5.60 | 9.78 |
| 24 | 11.83 | 5.01 | 8.64 | 12.47 | 5.33 | 9.26 | 13.32 | 5.41 | 9.63 | 13.71 | 5.69 | 10.09 |
| 25 | 11.74 | 5.41 | 8.87 | 12.72 | 5.01 | 9.20 | 13.54 | 5.54 | 9.74 | 14.10 | 5.97 | 10.39 |
| 26 | 11.88 | 5.13 | 8.81 | 12.96 | 5.01 | 9.26 | 13.51 | 4.75 | 9.56 | 14.61 | 6.07 | 10.57 |
| 27 | 13.02 | 5.02 | 9.25 | 13.44 | 4.98 | 9.46 | 13.99 | 4.53 | 9.64 | --- | --- | --- |
| 28 | 12.92 | 4.61 | 9.11 | 13.68 | 4.41 | 9.41 | 14.40 | 4.89 | 9.89 | --- | --- | --- |
| 29 | 13.47 | 4.08 | 9.14 | 13.75 | 4.35 | 9.32 | 13.60 | 3.34 | 9.12 | --- | --- | --- |
| 30 | 13.97 | 4.13 | 9.36 | 14.31 | 4.08 | 9.47 | 13.24 | 3.98 | 9.08 | --- | --- | --- |
| 31 | --- | --- | --- | 14.59 | 4.32 | 9.68 | 13.01 | 3.86 | 8.93 | --- | --- | --- |
| MONTH | 14.36 | 3.64 | 9.29 | 14.59 | 3.89 | 9.36 | 14.40 | 3.34 | 9.35 | --- | --- | --- |