

CAPE FEAR RIVER BASIN

02104000 CAPE FEAR RIVER AT FAYETTEVILLE, NC

LOCATION.--Lat 35°02'49", long 78°51'36", Cumberland County, Hydrologic Unit 03030004, at State Highway 24 bridge at Fayetteville, 700 ft upstream of Atlantic Coast Railroad bridge, 0.3 mi downstream of Cross Creek.

DRAINAGE AREA.--4,395 mi².

PERIOD OF RECORD.-- Discharge records January 1889 to September 1917, and October 1928 to September 1940. October 1986 to current year.

GAGE.--Water-stage recorder. Datum of gage is 20.52 ft above NGVD of 1929. Satellite telemetry at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum, 48.3 ft, Sept. 24, 1945.

EXTREMES FOR PERIOD OF RECORD.--Maximum, 46.17 ft, Sept. 7, 1996; minimum not determined.

EXTREMES FOR CURRENT YEAR.--Maximum, 23.66 ft, Jan. 25; minimum, 8.76 ft, Aug. 8.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|
| 1 | 9.94 | 9.72 | 9.95 | 9.68 | 13.63 | 10.11 | 14.68 | 9.57 | 9.64 | 9.56 | 9.27 | 9.65 |
| 2 | 9.90 | 9.71 | 9.83 | 9.68 | 12.34 | 10.23 | 17.23 | 9.57 | 9.57 | 9.55 | 9.39 | 12.12 |
| 3 | 9.86 | 9.74 | 9.82 | 9.78 | 11.37 | 10.90 | 15.35 | 9.55 | 9.52 | 9.34 | 9.24 | 14.22 |
| 4 | 9.82 | 9.73 | 9.77 | 10.22 | 11.11 | 11.39 | 14.20 | 9.55 | 9.49 | 9.31 | 9.14 | 11.72 |
| 5 | 9.78 | 9.72 | 9.71 | 10.26 | 10.94 | 11.55 | 14.11 | 9.60 | 9.47 | 9.27 | 9.08 | 10.39 |
| 6 | 9.90 | 9.71 | 9.64 | 10.45 | 10.83 | 12.53 | 13.20 | 9.70 | 9.46 | 9.26 | 8.95 | 9.87 |
| 7 | 10.32 | 9.72 | 9.63 | 11.17 | 11.41 | 13.13 | 11.97 | 9.60 | 9.50 | 9.25 | 8.82 | 9.52 |
| 8 | 10.32 | 9.76 | 9.70 | 11.34 | 12.40 | 13.31 | 11.63 | 9.57 | 9.59 | 9.25 | 8.78 | 9.22 |
| 9 | 10.34 | 9.78 | 9.74 | 11.03 | 14.21 | 11.84 | 11.39 | 9.67 | 9.53 | 9.25 | 8.92 | 9.11 |
| 10 | 10.26 | 9.82 | 9.71 | 11.13 | 14.52 | 10.64 | 11.05 | 9.57 | 9.48 | 9.24 | 9.01 | 9.12 |
| 11 | 10.09 | 9.81 | 9.68 | 10.95 | 14.09 | 10.45 | 10.67 | 9.73 | 9.45 | 9.24 | 8.97 | 9.17 |
| 12 | 9.94 | 9.79 | 10.10 | 10.66 | 14.03 | 10.38 | 10.72 | 9.76 | 9.42 | 9.24 | 8.95 | 9.11 |
| 13 | 9.86 | 9.77 | 10.25 | 10.59 | 14.25 | 10.52 | 10.66 | 9.69 | 9.39 | 9.24 | 8.94 | 9.03 |
| 14 | 9.84 | 9.74 | 10.33 | 10.59 | 13.80 | 10.58 | 10.59 | 9.56 | 9.39 | 9.25 | 8.91 | 9.06 |
| 15 | 9.87 | 9.66 | 10.37 | 10.51 | 12.78 | 10.75 | 10.32 | 9.55 | 9.45 | 9.29 | 8.95 | 9.54 |
| 16 | 10.08 | 9.65 | 10.15 | 10.45 | 11.86 | 11.40 | 10.22 | 9.53 | 9.48 | 9.28 | 8.98 | 10.24 |
| 17 | 9.94 | 9.71 | 9.95 | 10.30 | 11.06 | 11.20 | 10.18 | 9.53 | 9.45 | 9.26 | 9.02 | 10.16 |
| 18 | 9.80 | 9.69 | 9.86 | 10.17 | 10.87 | 10.77 | 10.01 | 9.56 | 9.43 | 9.25 | 9.11 | 9.95 |
| 19 | 9.85 | 9.74 | 9.95 | 10.16 | 10.74 | 10.50 | 10.07 | 9.70 | 9.39 | 9.24 | 9.20 | 9.76 |
| 20 | 9.85 | 9.73 | 9.87 | 11.47 | 10.63 | 11.11 | 10.00 | 9.58 | 9.34 | 9.24 | 9.19 | 9.70 |
| 21 | 9.84 | 9.65 | 9.81 | 15.76 | 10.59 | 11.93 | 10.01 | 9.51 | 9.32 | 9.24 | 9.13 | 9.75 |
| 22 | --- | 9.63 | 9.78 | 15.84 | 10.52 | 12.20 | 9.84 | 9.50 | 9.30 | 9.24 | 9.06 | 9.86 |
| 23 | --- | 9.62 | 9.78 | 14.86 | 10.47 | 12.14 | 9.65 | 9.49 | 9.31 | 9.25 | 9.00 | 9.71 |
| 24 | --- | 10.16 | 9.79 | 20.16 | 10.44 | 11.90 | 9.62 | 9.50 | 9.31 | 9.35 | 8.96 | 9.44 |
| 25 | 9.88 | 10.44 | 9.81 | 23.49 | 10.42 | 11.50 | 9.60 | 9.58 | 9.34 | 9.74 | 8.99 | 9.24 |
| 26 | 9.85 | 10.28 | 9.81 | 21.53 | 10.34 | 11.07 | 9.59 | 9.62 | 9.37 | 10.21 | 9.22 | 9.14 |
| 27 | 9.79 | 10.11 | 9.79 | 17.28 | 10.26 | 11.02 | 9.66 | 9.61 | 9.36 | 10.03 | 9.49 | 9.27 |
| 28 | 9.72 | 10.05 | 9.79 | 15.51 | 10.19 | 11.76 | 9.71 | 9.55 | 9.76 | 9.74 | 11.60 | 9.19 |
| 29 | 9.73 | 9.95 | 9.77 | 15.54 | --- | 12.05 | 9.64 | 9.52 | 9.99 | 9.44 | 10.72 | 9.09 |
| 30 | 9.73 | 9.85 | 9.73 | 15.34 | --- | 12.17 | 9.58 | 9.55 | 10.26 | 9.36 | 10.04 | 9.11 |
| 31 | 9.73 | --- | 9.70 | 14.75 | --- | 12.35 | --- | 9.63 | --- | 9.36 | 9.76 | --- |
| MEAN | --- | 9.81 | 9.86 | 12.92 | 11.79 | 11.40 | 11.17 | 9.59 | 9.49 | 9.38 | 9.25 | 9.82 |
| MAX | --- | 10.44 | 10.37 | 23.49 | 14.52 | 13.31 | 17.23 | 9.76 | 10.26 | 10.21 | 11.60 | 14.22 |
| MIN | --- | 9.62 | 9.63 | 9.68 | 10.19 | 10.11 | 9.58 | 9.49 | 9.30 | 9.24 | 8.78 | 9.03 |

02104000 CAPE FEAR RIVER AT FAYETTEVILLE, NC--Continued

