

02087322 CRABTREE CREEK AT OLD WAKE FOREST ROAD AT RALEIGH, NC

LOCATION.--Lat 35°48'57", long 78°37'34", Wake County, Hydrologic Unit 030200201, on right bank on upstream side of bridge at Old Wake Forest Road, 2.8 mi northeast of Raleigh.

DRAINAGE AREA.--119 mi².

PERIOD OF RECORD.--February 1988 to September 1989, discharge records, October 1989 to October 1991, discharge measurements and unpublished, fragmentary gage-height and discharge records, June 1997 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 186.51 ft above NGVD of 1929. Satellite and telephone telemetry at station.

EXTREMES FOR PERIOD OF RECORD.-- Maximum, 19.93 ft, Sept. 16, 1999; minimum, 1.18 ft, June 13, 14, July 8, 2002.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Sept. 1996 reached a stage of 21.6 ft, from floodmarks.

EXTREMES FOR CURRENT YEAR.--Maximum, 12.25 ft, Aug. 13; minimum, 1.25 ft, June 4, 22.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| 1 | 1.60 | 1.90 | 1.72 | 1.61 | 1.87 | 2.14 | 2.25 | 1.78 | 1.40 | 1.58 | 3.04 | 3.78 |
| 2 | 1.58 | 1.77 | 1.66 | 1.60 | 1.81 | 2.03 | 2.37 | 2.82 | 1.37 | 1.56 | 3.52 | 2.97 |
| 3 | 1.53 | 1.69 | 1.63 | 1.59 | 3.11 | 1.96 | 2.17 | 4.18 | 1.33 | 2.07 | 3.43 | 2.40 |
| 4 | 1.51 | 1.63 | 1.66 | 1.60 | 2.89 | 1.90 | 2.02 | 3.33 | 1.74 | 2.27 | 2.46 | 2.06 |
| 5 | 1.49 | 1.60 | 2.39 | 1.68 | 2.43 | 1.85 | 1.89 | 2.59 | 1.89 | 1.76 | 2.18 | 1.87 |
| 6 | 1.48 | 1.72 | 2.25 | 1.81 | 2.49 | 1.91 | 1.79 | 2.21 | 1.65 | 1.61 | 3.34 | 1.76 |
| 7 | 1.47 | 1.91 | 2.09 | 1.70 | 4.40 | 1.99 | 1.74 | 1.99 | 1.58 | 1.50 | 2.57 | 2.12 |
| 8 | 1.62 | 1.82 | 1.94 | 1.65 | 3.15 | 1.96 | 1.70 | 1.85 | 1.54 | 1.42 | 2.10 | 3.30 |
| 9 | 1.77 | 1.72 | 1.83 | 1.72 | 2.55 | 1.84 | 1.67 | 1.75 | 1.53 | 1.38 | 1.86 | 3.64 |
| 10 | 1.69 | 1.65 | 2.70 | 1.74 | 2.28 | 1.83 | 1.64 | 1.69 | 1.81 | 1.50 | 1.70 | 2.66 |
| 11 | 1.67 | 1.59 | 4.71 | --- | 2.11 | 1.77 | 1.63 | 1.62 | 2.64 | 1.43 | 1.61 | 2.24 |
| 12 | 1.64 | 1.57 | 3.12 | 1.68 | 2.72 | 1.73 | 2.23 | 1.57 | 1.82 | 1.72 | 2.42 | 2.00 |
| 13 | 1.59 | 1.54 | 2.51 | 1.67 | 2.86 | 1.67 | 2.65 | 1.65 | 1.56 | 2.61 | 4.38 | 1.85 |
| 14 | 1.64 | 1.50 | 5.29 | 1.65 | 2.50 | 1.65 | 2.47 | 1.59 | 1.49 | 1.85 | 10.12 | 1.95 |
| 15 | 1.96 | 1.46 | 4.23 | 1.62 | 2.49 | 3.02 | 2.25 | 1.52 | 1.65 | 1.69 | 8.89 | 2.26 |
| 16 | 1.72 | 1.46 | 3.12 | 1.61 | 2.79 | 5.23 | 2.05 | 1.48 | 1.64 | 1.53 | 7.55 | 1.94 |
| 17 | 1.64 | 1.48 | 2.92 | 1.58 | 2.61 | 4.63 | 1.92 | 1.45 | 1.50 | 1.43 | 4.97 | 3.32 |
| 18 | 1.75 | 1.49 | 2.77 | 2.00 | 2.43 | 3.62 | 1.83 | 1.42 | 1.43 | 2.31 | 3.23 | 5.40 |
| 19 | 1.59 | 2.50 | 2.39 | 1.91 | 2.27 | 3.24 | 1.77 | 1.57 | 1.38 | 2.23 | 2.50 | 3.61 |
| 20 | 1.54 | 2.90 | 2.15 | 1.83 | 2.14 | 2.70 | 1.69 | 1.67 | 1.37 | 2.02 | 2.16 | 2.63 |
| 21 | 1.49 | 2.26 | 1.99 | 1.79 | 2.06 | 2.37 | 1.65 | 1.51 | 1.31 | 1.77 | 2.14 | 2.24 |
| 22 | 1.46 | 2.03 | 1.90 | 1.74 | 1.96 | 2.14 | 1.61 | 1.44 | 1.30 | 2.10 | 3.06 | 2.00 |
| 23 | 1.43 | 1.88 | 1.85 | 1.65 | 1.90 | 1.98 | 1.59 | 1.42 | 1.44 | 3.96 | 2.41 | 1.85 |
| 24 | 1.40 | 1.79 | 1.90 | 1.60 | 1.81 | 1.89 | 1.55 | 1.44 | 1.80 | 2.75 | 2.07 | 1.75 |
| 25 | 1.38 | 1.71 | 1.84 | 1.60 | 1.75 | 1.82 | 1.53 | 1.41 | 1.57 | 2.20 | 1.87 | 1.67 |
| 26 | 1.38 | 1.64 | 1.76 | --- | 1.74 | 1.78 | 1.75 | 1.39 | 1.83 | 1.92 | 1.74 | 1.62 |
| 27 | 1.40 | 1.61 | 1.72 | --- | 2.18 | 1.75 | 2.00 | 1.39 | 1.79 | 1.77 | 1.63 | --- |
| 28 | 1.73 | 1.67 | 1.69 | 1.75 | 2.33 | 1.71 | 1.71 | 1.37 | 1.69 | 1.89 | 1.56 | --- |
| 29 | --- | 1.92 | 1.68 | 1.84 | 2.30 | 1.68 | 1.63 | 1.33 | 1.82 | 2.48 | 1.59 | --- |
| 30 | --- | 1.78 | 1.67 | 1.93 | --- | 1.66 | 1.59 | 1.55 | 1.68 | 5.36 | 6.24 | 1.95 |
| 31 | 2.12 | --- | 1.64 | 1.96 | --- | 1.70 | --- | 1.44 | --- | 4.15 | 5.26 | --- |
| MEAN | --- | 1.77 | 2.35 | --- | 2.41 | 2.23 | 1.88 | 1.79 | 1.62 | 2.12 | 3.34 | --- |
| MAX | --- | 2.90 | 5.29 | --- | 4.40 | 5.23 | 2.65 | 4.18 | 2.64 | 5.36 | 10.12 | --- |
| MIN | --- | 1.46 | 1.63 | --- | 1.74 | 1.65 | 1.53 | 1.33 | 1.30 | 1.38 | 1.56 | --- |

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