

0214297160 BEAVERDAM CREEK ABOVE WINDY GAP ROAD NEAR SHOPTON, NC

LOCATION.-Lat 35°10'11", long 80°59'16", Mecklenburg County, Hydrologic Unit 03050101, on right bank 200 feet above Windy Gap Road, and 1.6 mi west of North Carolina Highway 160 and Shopton.

DRAINAGE AREA.-4.47 mi².

PERIOD OF RECORD.-January 2003 to September 2003.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 560 ft above NGVD of 1929 (from topographic map). Radio telemetry at site.

REMARKS.-Records poor. Missing values on the daily values table are days when flow affected by backwater from Lake Wylie. Minimum discharge for current period, result of freezeup.

DISCHARGE, CUBIC FEET PER SECOND
FOR PERIOD JANUARY TO SEPTEMBER 2003
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 1 | --- | --- | --- | e2.8 | 4.1 | 7.1 | 3.0 | 1.5 | 4.2 | 1.9 | 1.5 | 1.9 |
| 2 | --- | --- | --- | e1.8 | 2.7 | 14 | 2.4 | 1.9 | 3.5 | 7.2 | 1.2 | 1.1 |
| 3 | --- | --- | --- | e3.3 | 2.2 | 5.3 | 2.0 | 1.9 | 6.5 | 1.7 | 2.5 | 1.0 |
| 4 | --- | --- | --- | e1.6 | 2.1 | 3.4 | 1.8 | 1.7 | 7.1 | 1.0 | 5.8 | 1.5 |
| 5 | --- | --- | --- | e1.5 | 1.8 | 2.8 | 1.8 | 1.8 | 4.8 | 0.86 | 12 | 1.4 |
| 6 | --- | --- | --- | e1.5 | 1.6 | 39 | 1.8 | e21 | 3.6 | 0.79 | 4.0 | 1.1 |
| 7 | --- | --- | --- | e1.4 | 7.1 | 11 | 55 | e10 | --- | 0.74 | 3.0 | 1.1 |
| 8 | --- | --- | --- | 1.3 | 3.2 | 5.5 | 13 | 4.6 | --- | 0.72 | 2.6 | 1.2 |
| 9 | --- | --- | --- | 1.3 | 2.1 | 3.9 | 43 | 3.0 | 13 | 3.0 | 9.7 | 1.1 |
| 10 | --- | --- | --- | 1.1 | 2.7 | 2.9 | --- | 2.2 | 7.5 | e0.74 | 16 | 1.0 |
| 11 | --- | --- | --- | 0.99 | 2.0 | 2.2 | 31 | 2.0 | 5.7 | 2.2 | 12 | 0.97 |
| 12 | --- | --- | --- | 0.93 | 1.7 | 1.9 | 13 | 1.7 | 4.8 | 1.9 | 4.4 | 0.95 |
| 13 | --- | --- | --- | 0.93 | 1.4 | 1.6 | 8.1 | 1.5 | 4.0 | 5.6 | 3.4 | 0.97 |
| 14 | --- | --- | --- | 0.90 | 1.5 | 1.5 | 6.0 | 1.4 | 3.4 | 1.8 | 14 | 0.93 |
| 15 | --- | --- | --- | 0.90 | 1.6 | 1.7 | 4.7 | 13 | 3.4 | 1.3 | 13 | 1.0 |
| 16 | --- | --- | --- | 0.91 | 1.7 | 16 | 3.7 | 14 | 3.1 | 1.1 | 5.0 | 1.0 |
| 17 | --- | --- | --- | 0.94 | 1.9 | 6.4 | 3.1 | 4.6 | 3.0 | 1.1 | 3.7 | 0.77 |
| 18 | --- | --- | --- | 0.79 | 3.0 | 7.1 | 24 | 4.2 | 3.2 | 1.1 | 3.1 | 0.77 |
| 19 | --- | --- | --- | 0.78 | 3.6 | 5.4 | 24 | 4.3 | 3.1 | 1.0 | 2.6 | e1.2 |
| 20 | --- | --- | --- | 0.79 | 2.5 | --- | 10 | 3.0 | 2.7 | 0.95 | 2.4 | e0.80 |
| 21 | --- | --- | --- | 0.88 | 2.1 | 15 | 6.7 | 23 | 2.3 | 2.4 | 2.2 | e1.0 |
| 22 | --- | --- | --- | 0.83 | 24 | 6.8 | 4.9 | --- | 2.1 | 2.0 | 2.1 | e3.8 |
| 23 | --- | --- | --- | e1.0 | 12 | 4.5 | 3.8 | 38 | 2.0 | 1.2 | 2.2 | e6.0 |
| 24 | --- | --- | --- | e0.82 | 4.7 | 3.3 | 3.0 | e10 | 1.8 | 1.0 | 1.9 | 1.00 |
| 25 | --- | --- | --- | e0.80 | 3.0 | 2.6 | 3.2 | e18 | 1.8 | 0.90 | 2.0 | 0.91 |
| 26 | --- | --- | --- | e0.90 | 3.1 | 2.2 | 3.0 | e12 | 1.7 | 0.97 | 2.0 | 0.88 |
| 27 | --- | --- | --- | e0.86 | 13 | 1.9 | 2.2 | e30 | 1.6 | 1.0 | 2.0 | 0.89 |
| 28 | --- | --- | --- | 0.84 | 9.1 | 1.6 | 1.9 | 11 | 2.2 | 0.94 | 2.3 | 1.1 |
| 29 | --- | --- | --- | 1.2 | --- | 1.6 | 1.8 | 7.3 | 1.7 | 2.1 | 1.5 | 0.85 |
| 30 | --- | --- | --- | 13 | --- | 9.5 | 1.6 | 5.7 | 1.6 | 1.6 | 0.99 | 0.81 |
| 31 | --- | --- | --- | 8.4 | --- | 5.0 | --- | 5.4 | --- | 1.6 | 1.1 | --- |
| TOTAL | --- | --- | --- | 55.99 | 121.5 | 192.7 | 283.5 | 259.7 | 105.4 | 50.11 | 142.19 | 39.00 |
| MEAN | --- | --- | --- | 1.81 | 4.34 | 6.42 | 9.78 | 8.66 | 3.76 | 1.62 | 4.59 | 1.30 |
| MAX | --- | --- | --- | 13 | 24 | 39 | 55 | 38 | 13 | 7.2 | 16 | 6.0 |
| MIN | --- | --- | --- | 0.78 | 1.4 | 1.5 | 1.6 | 1.4 | 1.6 | 0.70 | 0.99 | 0.77 |
| CFSM | --- | --- | --- | 0.40 | 0.97 | 1.44 | 2.19 | 1.94 | 0.84 | 0.36 | 1.03 | 0.29 |
| IN. | --- | --- | --- | 0.47 | 1.01 | 1.60 | 2.36 | 2.16 | 0.88 | 0.42 | 1.18 | 0.32 |

STATISTICS OF MONTHLY MEAN DATA FOR PERIOD JANUARY TO SEPTEMBER 2003

| | | | | | | | | | | | | |
|------|-----|-----|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | --- | --- | --- | 1.81 | 4.34 | 6.42 | 9.78 | 8.66 | 3.76 | 1.62 | 4.59 | 1.30 |
| MAX | --- | --- | --- | 1.81 | 4.34 | 6.42 | 9.78 | 8.66 | 3.76 | 1.62 | 4.59 | 1.30 |
| (WY) | --- | --- | --- | (2003) | (2003) | (2003) | (2003) | (2003) | (2003) | (2003) | (2003) | (2003) |
| MIN | --- | --- | --- | 1.81 | 4.34 | 6.42 | 9.78 | 8.66 | 3.76 | 1.62 | 4.59 | 1.30 |
| (WY) | --- | --- | --- | (2003) | (2003) | (2003) | (2003) | (2003) | (2003) | (2003) | (2003) | (2003) |

SUMMARY STATISTICS
FOR PERIOD
JANUARY TO SEPTEMBER 2003
MAXIMUM PEAK FLOW NOT DETERMINED*
MAXIMUM PEAK STAGE 5.91 Jun 7
INSTANTANEOUS LOW FLOW 0.57* Jan 23

e Estimated.
* See REMARKS.

0214297160 BEAVERDAM CREEK ABOVE WINDY GAP ROAD NEAR SHOPTON, NC—Continued

