

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 current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 567.10 ft above North American Vertical Datum of 1988, from levels. Radio telemetry at station.

REMARKS.--Records fair, except those for estimated daily discharges, which are poor. Minimum discharge for period of record and current water year affected by regulation of unknown origin, also occurred Sept. 25-26. Peak discharge for current water year and period of record not determined due to variable backwater from Lake Wylie.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.5	0.95	2.1	1.1	1.1	7.8	6.7	1.8	2.1	0.64	0.51	0.18
2	1.3	1.0	2.0	1.1	0.99	4.2	4.9	1.2	8.6	0.59	0.48	0.14
3	1.5	1.1	1.9	1.1	6.0	2.8	3.5	1.1	2.0	0.55	0.43	0.11
4	1.4	3.1	1.9	1.1	4.3	2.3	2.7	1.0	1.3	0.53	0.42	0.09
5	1.3	1.3	1.9	1.1	2.6	2.1	2.4	1.0	0.99	0.49	0.46	0.08
6	0.98	1.0	3.0	1.1	2.2	1.8	2.3	1.0	0.84	0.49	0.46	0.07
7	0.94	1.0	2.9	0.99	1.9	1.7	2.3	1.00	0.90	1.0	0.45	0.08
8	0.90	1.0	2.1	1.0	1.9	5.4	2.2	0.98	0.79	0.59	3.6	0.08
9	0.90	1.1	2.7	1.00	1.9	2.8	1.9	0.96	0.69	0.47	4.1	0.07
10	0.90	1.1	23	1.0	1.8	2.2	1.8	1.4	0.70	0.44	0.56	0.06
11	0.88	1.1	5.2	0.99	1.5	2.1	1.7	1.2	0.64	0.75	0.41	0.04
12	0.97	2.3	2.6	0.99	1.5	1.8	6.2	1.2	0.61	0.56	0.38	0.06
13	2.2	1.4	1.9	0.95	1.5	1.7	12	1.6	0.61	0.54	0.35	0.06
14	1.0	1.2	1.5	7.9	2.1	1.7	22	1.1	0.58	0.48	0.32	0.05
15	0.95	1.2	1.3	2.0	1.9	1.6	6.3	0.99	0.53	0.43	0.30	0.03
16	0.93	1.2	1.3	1.4	1.7	5.6	3.7	0.95	0.50	0.38	0.27	0.34
17	0.97	1.2	1.2	1.2	1.5	9.4	2.8	0.90	0.47	0.35	1.4	0.19
18	0.99	1.2	1.2	1.00	1.4	4.3	2.5	0.87	0.46	0.31	0.61	0.08
19	0.97	1.2	1.2	0.97	1.4	2.6	2.2	0.82	2.3	0.30	0.41	0.05
20	0.98	1.2	1.2	0.99	1.4	2.1	2.0	2.1	0.80	0.34	0.40	0.06
21	0.98	1.2	1.2	0.91	3.3	1.9	1.8	0.99	0.68	0.24	0.39	0.09
22	0.98	1.2	1.3	0.89	2.6	3.5	2.0	0.88	0.53	0.55	0.33	0.06
23	0.97	1.5	3.7	0.82	1.9	29	1.9	0.83	0.47	0.40	2.5	0.05
24	0.92	3.4	2.0	0.79	5.1	8.7	1.5	0.83	0.43	0.28	0.66	0.02
25	0.87	3.0	1.5	0.86	2.9	4.5	1.4	0.80	0.41	0.25	0.46	0.00
26	0.86	2.1	1.4	0.86	2.2	3.1	1.3	0.76	0.97	0.27	0.40	0.05
27	0.92	2.6	1.3	0.76	2.0	3.2	1.3	0.73	2.0	0.26	0.37	0.09
28	0.93	4.3	1.2	0.72	23	e35	1.3	0.71	6.0	0.57	0.30	0.04
29	0.93	2.3	1.3	0.81	---	10	1.2	0.68	1.6	2.2	0.26	0.76
30	0.93	2.1	1.2	1.9	---	5.4	1.7	0.89	0.78	1.0	0.26	0.15
31	0.93	---	1.1	1.4	---	7.8	---	0.75	---	0.60	0.28	---
TOTAL	32.68	49.55	79.3	39.70	83.59	178.1	107.5	32.02	40.28	16.85	22.53	3.23
MEAN	1.05	1.65	2.56	1.28	2.99	5.75	3.58	1.03	1.34	0.54	0.73	0.11
MAX	2.2	4.3	23	7.9	23	35	22	2.1	8.6	2.2	4.1	0.76
MIN	0.86	0.95	1.1	0.72	0.99	1.6	1.2	0.68	0.41	0.24	0.26	0.00
CFSM	0.24	0.37	0.57	0.29	0.67	1.29	0.80	0.23	0.30	0.12	0.16	0.02
IN.	0.27	0.41	0.66	0.33	0.70	1.48	0.89	0.27	0.34	0.14	0.19	0.03

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2005, BY WATER YEAR (WY)

MEAN	0.92	1.13	1.79	1.35	3.43	4.76	4.96	3.35	2.44	1.16	2.24	1.47
MAX	1.05	1.65	2.56	1.81	4.34	6.42	9.78	8.66	3.76	1.62	4.59	3.01
(WY)	(2005)	(2005)	(2005)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)
MIN	0.78	0.60	1.02	0.95	2.98	2.16	1.69	0.54	1.34	0.54	0.73	0.11
(WY)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2005)	(2005)	(2005)	(2005)

SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

FOR 2005 WATER YEAR

WATER YEARS 2003 - 2005

LOWEST DAILY MEAN	0.11	Jun 3	0.00	Sep 25	0.00	Sep 25, 2005
ANNUAL SEVEN-DAY MINIMUM	0.13	Jun 1	0.04	Sep 22	0.04	Sep 22, 2005
MAXIMUM PEAK FLOW			NOT DETERMINED*		NOT DETERMINED*	
MAXIMUM PEAK STAGE			4.72	Mar 28	5.91	Jun 7, 2003
INSTANTANEOUS LOW FLOW			0.00*	Sep 24	0.00*	Sep 24, 2005

* See REMARKS.

e Estimated

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

