

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 560 ft above NGVD of 1929 (from topographic map). 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 also occurred June 4. Peak discharge for period of record not determined due to variable backwater from Lake Wylie.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.88	0.67	0.54	0.88	0.79	9.4	6.1	1.1	0.20	0.66	0.60	0.49
2	0.81	0.70	0.54	1.0	0.77	9.1	2.6	4.1	0.12	0.80	0.52	0.46
3	0.75	0.69	0.61	0.97	2.4	4.6	2.1	1.6	0.11	6.1	0.50	0.44
4	0.83	0.71	0.79	1.0	1.2	3.0	1.8	0.73	0.14	2.4	0.44	0.43
5	0.76	0.80	0.85	1.3	0.92	2.5	1.5	0.61	0.13	e1.4	0.45	0.41
6	0.75	0.67	0.62	1.2	1.4	2.3	1.4	0.56	0.11	e0.91	0.45	0.60
7	0.75	0.62	0.59	1.1	1.1	2.0	1.3	0.50	0.13	e0.76	0.42	8.9
8	0.94	0.65	0.54	1.0	3.5	1.9	1.2	0.44	0.35	0.54	0.40	23
9	1.00	0.54	0.59	1.1	2.4	1.8	1.2	0.43	0.49	0.51	0.35	3.8
10	0.97	0.57	3.0	1.00	2.1	1.7	1.2	0.43	0.23	0.52	0.32	3.4
11	1.6	0.59	1.2	0.83	1.9	1.6	1.2	0.43	0.16	0.97	0.28	1.2
12	0.77	0.56	0.64	0.96	4.9	1.5	2.0	0.41	0.13	0.53	3.6	0.96
13	0.73	0.63	0.96	0.99	3.2	1.4	5.5	0.41	3.0	0.48	6.3	0.85
14	0.69	0.58	4.6	0.93	2.5	1.4	3.1	0.41	1.7	0.44	15	0.83
15	0.62	0.68	1.4	1.0	2.7	1.5	2.0	0.39	0.55	0.37	2.8	0.81
16	0.68	0.67	1.0	0.89	2.4	1.6	1.7	0.37	1.4	0.34	1.4	0.84
17	0.68	0.68	1.3	0.74	2.1	1.5	1.6	0.35	0.39	2.8	0.87	4.2
18	0.68	0.65	1.0	1.1	2.0	1.4	1.3	0.33	0.32	4.8	0.68	1.5
19	0.66	1.2	0.92	0.94	1.8	1.4	1.2	0.33	0.30	0.77	0.55	0.93
20	0.60	0.47	0.78	0.78	1.7	1.3	1.2	0.31	0.29	0.56	0.48	0.80
21	0.60	0.39	0.77	0.79	1.6	1.4	1.2	0.28	2.2	0.48	1.4	0.78
22	0.63	0.39	0.78	0.79	1.6	1.1	1.1	0.25	1.2	0.44	0.87	0.72
23	0.62	0.39	0.79	0.76	1.6	1.1	1.0	0.26	10	0.40	0.56	0.69
24	0.63	0.43	0.85	0.77	1.6	1.1	0.93	0.29	5.6	0.37	0.48	0.71
25	0.65	0.44	0.82	0.87	1.5	1.0	0.88	0.21	20	0.35	0.46	0.72
26	0.71	0.42	0.83	0.79	1.7	1.1	0.94	0.18	14	0.39	0.44	0.73
27	0.73	0.52	0.88	0.75	3.4	1.1	0.94	0.17	2.4	3.0	0.42	4.9
28	0.86	0.69	0.88	1.3	3.4	1.1	0.87	0.17	1.4	0.55	0.40	21
29	1.4	0.50	0.90	1.3	5.8	1.1	0.82	0.18	0.93	6.3	0.56	3.3
30	0.65	0.53	0.92	0.83	---	1.2	0.80	0.16	0.72	1.6	0.72	1.9
31	0.63	---	0.86	0.76	---	2.9	---	0.43	---	0.75	0.52	---
TOTAL	24.26	18.03	31.75	29.42	86.48	67.1	50.68	16.82	68.70	41.29	43.24	90.30
MEAN	0.78	0.60	1.02	0.95	2.98	2.16	1.69	0.54	2.29	1.33	1.39	3.01
MAX	1.6	1.2	4.6	1.3	14	9.4	6.1	4.1	20	6.3	15	23
MIN	0.60	0.39	0.54	0.74	0.77	1.0	0.80	0.16	0.11	0.34	0.28	0.41
CFSM	0.18	0.13	0.23	0.21	0.67	0.48	0.38	0.12	0.51	0.30	0.31	0.67
IN.	0.20	0.15	0.26	0.24	0.72	0.56	0.42	0.14	0.57	0.34	0.36	0.75

SUMMARY STATISTICS

FOR 2004 WATER YEAR

WATER YEARS 2003 - 2004

LOWEST DAILY MEAN	0.11	Jun 3	0.11	Jun 3, 2004
MAXIMUM PEAK FLOW	111	Jun 25	NOT DETERMINED*	
MAXIMUM PEAK STAGE	3.65	Jun 25	5.91	Jun 7, 2003
INSTANTANEOUS LOW FLOW	0.09*	Jun 2	0.09*	Jun 2, 2004

* See REMARKS.

e Estimated.

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