

## 0207428225 WOLF ISLAND CREEK BELOW SR 1998 AT REIDSVILLE, NC

LOCATION.--Lat 36°22'26", long 79°41'01", Rockingham County, Hydrologic Unit 03010103, approximately 0.15 mi below State Road 1998, upstream of unnamed tributary, at Reidsville.

DRAINAGE AREA.--3.75 mi<sup>2</sup>.

PERIOD OF RECORD.--April 2003 to September 2005 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 660 ft above NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Minimum discharge for current water year and period of record also occurred Sept. 4, 10-11.

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	4.0	2.8	6.1	3.3	3.6	9.2	4.7	4.2	0.90	0.83	1.4	e0.52
2	3.8	2.7	5.0	3.2	3.5	6.7	5.7	2.7	3.3	0.81	1.2	e0.50
3	3.7	2.8	4.6	3.4	9.4	5.4	4.3	2.5	3.4	0.71	0.92	e0.48
4	3.8	9.1	4.4	3.3	6.5	4.6	4.0	2.3	1.7	4.6	0.81	e0.47
5	3.2	5.2	4.2	3.2	5.1	4.2	3.6	2.1	1.3	2.0	0.75	e0.46
6	2.2	4.2	4.1	3.2	4.8	3.8	3.4	3.2	1.1	1.2	0.69	e0.45
7	e1.9	4.0	4.4	3.2	4.3	3.7	4.3	2.2	1.2	23	0.65	e0.44
8	e1.3	4.0	4.3	3.8	4.2	6.6	4.1	1.9	2.9	8.5	0.50	0.43
9	e1.3	3.7	14	3.7	3.8	4.5	3.6	1.8	18	4.4	4.6	0.43
10	e1.1	3.6	65	4.0	3.6	4.4	3.3	1.7	5.6	2.7	2.6	e0.43
11	e1.0	3.7	17	3.9	3.2	3.8	3.2	1.6	3.5	2.2	1.8	e0.43
12	e2.0	32	9.2	3.5	3.2	3.4	3.4	1.6	3.0	1.7	1.1	e0.42
13	e1.8	14	6.7	3.0	3.0	3.4	3.8	1.6	2.6	1.8	0.84	e0.42
14	e7.3	7.1	5.1	44	4.2	3.7	3.6	1.5	2.4	2.0	0.90	e0.42
15	e2.7	5.7	4.5	10	3.8	3.4	3.1	1.6	1.6	2.6	0.75	e0.42
16	e2.5	5.2	4.2	6.1	3.6	5.9	3.0	1.3	1.4	1.8	1.0	e0.43
17	e1.8	4.6	4.0	4.8	3.4	12	2.8	1.2	1.4	1.7	0.81	e0.43
18	e2.2	4.4	3.9	4.1	3.2	7.6	2.9	1.7	1.3	1.3	0.80	e0.43
19	e3.4	4.2	3.8	4.1	3.1	5.3	2.9	2.3	1.4	1.3	0.75	e0.43
20	e13	4.1	3.5	3.9	3.1	4.4	2.9	3.2	1.2	1.2	0.69	e0.42
21	e4.2	3.9	3.5	4.0	3.2	4.1	2.8	2.9	1.0	0.99	0.66	e0.42
22	e3.9	3.9	3.5	3.8	3.1	3.7	2.9	1.7	1.1	0.99	0.64	e0.42
23	3.1	16	5.9	3.6	3.0	8.0	2.9	1.4	1.0	0.92	e0.62	e0.42
24	2.9	20	4.5	3.6	4.0	6.3	2.5	1.4	0.92	0.92	e0.61	e0.41
25	2.7	16	4.1	3.8	3.3	4.7	2.3	1.2	0.88	1.0	e0.60	e0.41
26	2.5	8.0	4.0	3.6	3.1	4.3	2.4	1.1	0.84	0.89	e0.60	e0.40
27	e2.5	9.6	3.8	3.3	3.1	4.2	2.6	0.99	0.94	0.84	e0.59	e0.41
28	e2.2	19	3.5	3.2	11	61	2.4	0.95	1.1	0.95	e0.57	e0.40
29	2.8	7.4	3.5	3.7	---	14	3.1	0.92	1.2	6.0	e0.56	e0.40
30	2.6	6.2	3.4	5.0	---	7.5	2.6	0.91	0.94	2.5	e0.55	e0.40
31	2.6	---	3.3	4.1	---	5.7	---	0.83	---	2.0	e0.53	---
TOTAL	96.0	237.1	221.0	163.4	116.4	229.5	99.1	56.50	69.12	84.35	30.09	12.95
MEAN	3.10	7.90	7.13	5.27	4.16	7.40	3.30	1.82	2.30	2.72	0.97	0.43
MAX	13	32	65	44	11	61	5.7	4.2	18	23	4.6	0.52
MIN	1.0	2.7	3.3	3.0	3.0	3.4	2.3	0.83	0.84	0.71	0.50	0.40
CFSM	0.83	2.11	1.90	1.41	1.11	1.97	0.88	0.49	0.61	0.73	0.26	0.12
IN.	0.95	2.35	2.19	1.62	1.15	2.28	0.98	0.56	0.69	0.84	0.30	0.13

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

MEAN	3.05	5.66	6.88	3.99	6.88	5.01	3.83	5.43	7.39	3.44	4.83	6.68
MAX	3.10	7.90	7.13	5.27	9.50	7.40	4.35	10.4	14.9	4.27	10.1	11.7
(WY)	(2005)	(2005)	(2005)	(2005)	(2004)	(2005)	(2004)	(2003)	(2003)	(2003)	(2003)	(2003)
MIN	3.01	3.42	6.64	2.70	4.16	2.63	3.30	1.82	2.30	2.72	0.97	0.43
(WY)	(2004)	(2004)	(2004)	(2004)	(2005)	(2004)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)

## SUMMARY STATISTICS

## FOR 2004 CALENDAR YEAR

## FOR 2005 WATER YEAR

## WATER YEARS 2003 - 2005

ANNUAL TOTAL	1,848.30	1,415.51				
ANNUAL MEAN	5.05	3.88	4.26			
HIGHEST ANNUAL MEAN			4.63			
LOWEST ANNUAL MEAN			3.88			
HIGHEST DAILY MEAN	87	Feb 6	65	Dec 10	106	Jun 16, 2003
LOWEST DAILY MEAN	0.73	Aug 9	0.40	Sep 26	0.40	Sep 26, 2005
ANNUAL SEVEN-DAY MINIMUM	1.1	Aug 4	0.40	Sep 24	0.40	Sep 24, 2005
MAXIMUM PEAK FLOW			336	Mar 28	336	Mar 28, 2005
MAXIMUM PEAK STAGE			4.68	Mar 28	8.13	Sep 23, 2003
INSTANTANEOUS LOW FLOW			NOT DETERMINED		NOT DETERMINED	
ANNUAL RUNOFF (CFSM)	1.35	1.03	1.13			
ANNUAL RUNOFF (INCHES)	18.34	14.04	15.42			
10 PERCENT EXCEEDS	9.0	6.2	6.6			
50 PERCENT EXCEEDS	2.8	3.1	2.8			
90 PERCENT EXCEEDS	1.4	0.60	0.94			

e Estimated.

0207428225 WOLF ISLAND CREEK BELOW SR 1998 AT REIDSVILLE, NC—Continued

