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^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 2003 to September 2004.

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 Aug. 9, 10.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

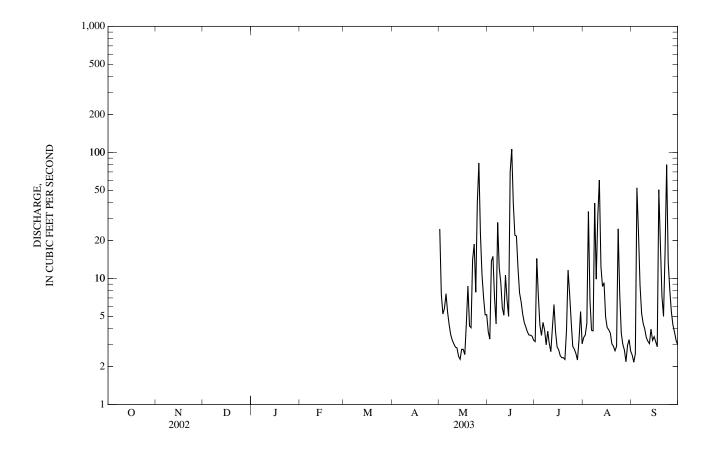| DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	25	3.8	3.2	3.4	2.5
2	---	---	---	---	---	---	---	7.5	3.3	14	3.6	2.2
3	---	---	---	---	---	---	---	5.2	14	7.3	4.4	2.5
4	---	---	---	---	---	---	---	5.8	15	4.3	34	e52
5	---	---	---	---	---	---	---	7.6	7.0	3.5	6.7	23
6	---	---	---	---	---	---	---	5.4	4.3	4.5	3.9	8.8
7	---	---	---	---	---	---	---	4.3	28	3.9	3.8	5.3
8	---	---	---	---	---	---	---	3.6	12	3.0	e40	4.4
9	---	---	---	---	---	---	---	3.2	9.3	3.8	9.9	4.0
10	---	---	---	---	---	---	---	3.0	5.8	3.0	e31	3.4
11	---	---	---	---	---	---	---	2.9	5.1	2.6	60	3.2
12	---	---	---	---	---	---	---	2.8	11	4.1	12	3.0
13	---	---	---	---	---	---	---	2.4	6.7	6.2	8.6	4.0
14	---	---	---	---	---	---	---	2.3	5.0	3.8	9.2	3.2
15	---	---	---	---	---	---	---	2.7	e70	2.9	4.9	3.5
16	---	---	---	---	---	---	---	2.7	e106	2.7	4.1	3.1
17	---	---	---	---	---	---	---	2.5	39	2.4	3.9	2.9
18	---	---	---	---	---	---	---	4.4	22	2.4	3.7	50
19	---	---	---	---	---	---	---	8.7	22	2.4	3.0	19
20	---	---	---	---	---	---	---	4.2	12	2.3	2.9	7.2
21	---	---	---	---	---	---	---	4.1	7.7	3.9	2.7	e5.0
22	---	---	---	---	---	---	---	14	6.5	12	2.9	e16
23	---	---	---	---	---	---	---	19	5.2	7.5	25	e80
24	---	---	---	---	---	---	---	7.8	4.5	4.5	7.6	e14
25	---	---	---	---	---	---	---	40	4.1	2.9	3.7	8.1
26	---	---	---	---	---	---	---	e82	3.8	2.7	e3.0	5.5
27	---	---	---	---	---	---	---	22	3.6	2.5	e2.7	4.3
28	---	---	---	---	---	---	---	11	3.5	2.3	2.2	3.8
29	---	---	---	---	---	---	---	7.1	3.5	3.3	2.9	3.2
30	---	---	---	---	---	---	---	5.1	3.2	5.5	e3.3	3.0
31	---	---	---	---	---	---	---	5.2	---	3.0	2.6	---
TOTAL	---	---	---	---	---	---	---	323.5	446.9	132.4	311.6	350.1
MEAN	---	---	---	---	---	---	---	10.4	14.9	4.27	10.1	11.7
MAX	---	---	---	---	---	---	---	82	106	14	60	80
MIN	---	---	---	---	---	---	---	2.3	3.2	2.3	2.2	2.2

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

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	---	---	---	---	---	---	---	10.4	14.9	4.27	10.1	11.7
MAX	---	---	---	---	---	---	---	10.4	14.9	4.27	10.1	11.7
(WY)	---	---	---	---	---	---	---	(2003)	(2003)	(2003)	(2003)	(2003)
MIN	---	---	---	---	---	---	---	10.4	14.9	4.27	10.1	11.7
(WY)	---	---	---	---	---	---	---	(2003)	(2003)	(2003)	(2003)	(2003)

SUMMARY STATISTICS   FOR 2003 WATER YEAR

HIGHEST DAILY MEAN	106	Jun 16
LOWEST DAILY MEAN	2.2	Aug 28
ANNUAL SEVEN-DAY MINIMUM	2.6	Aug 28
MAXIMUM PEAK FLOW	NOT DETERMINED	
MAXIMUM PEAK STAGE	8.13	Sep 23
INSTANTANEOUS LOW FLOW	1.8	Jul 28

e Estimated.

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

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

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	3.0	3.3	2.9	2.8	2.6	3.0	2.6	3.2	e1.5	1.7	1.0	e1.4
2	2.9	3.0	2.6	2.9	2.4	3.3	2.2	26	e1.7	1.6	1.6	1.1
3	2.8	2.8	2.6	3.0	20	3.0	2.1	20	e1.5	5.8	3.5	1.0
4	2.7	3.0	5.2	2.9	7.2	2.9	2.1	6.6	7.0	3.7	1.9	1.00
5	2.7	3.1	6.3	e2.8	5.2	2.8	2.0	4.8	2.1	2.2	1.4	0.98
6	2.6	3.9	4.8	e2.8	87	3.0	1.9	3.9	1.7	2.0	1.0	2.2
7	2.5	4.2	3.6	2.7	42	2.8	1.9	3.6	1.6	1.5	0.90	3.5
8	2.5	4.6	3.1	2.7	13	2.8	1.9	3.2	1.5	1.3	0.79	70
9	3.5	2.8	2.9	2.9	6.4	2.6	1.8	3.1	1.4	1.2	e0.73	9.9
10	3.0	2.6	24	2.6	4.8	2.5	1.8	2.9	1.2	1.2	1.1	4.4
11	3.7	2.7	15	2.7	4.2	2.4	1.9	2.7	1.6	1.3	2.7	2.7
12	3.0	2.8	6.3	2.7	4.3	2.4	23	2.4	1.5	1.2	17	2.2
13	2.8	2.6	4.9	2.7	3.8	2.3	24	2.2	1.2	1.4	5.5	1.9
14	2.9	3.4	18	2.5	3.6	2.3	12	2.1	1.3	1.1	11	2.1
15	2.8	3.2	16	2.5	3.9	2.6	6.3	2.0	18	0.95	4.3	2.0
16	2.4	2.8	10	2.5	4.8	4.4	4.6	2.6	30	0.95	3.4	1.8
17	2.4	2.8	19	2.5	e5.8	3.2	3.7	2.2	4.5	18	20	20
18	2.4	2.8	8.9	3.0	e8.0	2.8	3.3	4.2	2.7	7.0	6.0	10
19	2.4	9.7	6.1	2.9	7.3	2.6	3.1	2.9	2.1	3.1	3.3	4.6
20	2.4	4.5	5.1	2.5	6.6	2.6	3.0	3.2	1.9	e2.7	3.1	3.7
21	2.7	3.6	4.9	2.4	4.9	2.5	2.6	2.4	e1.6	2.5	e2.8	2.8
22	2.5	3.2	4.1	2.3	4.0	2.5	2.4	2.1	1.7	2.2	2.0	2.7
23	2.4	3.0	3.9	2.3	3.6	2.3	2.3	2.1	34	2.1	1.6	2.7
24	2.4	3.0	3.8	2.4	3.4	2.2	2.3	2.0	9.0	2.0	1.4	2.7
25	2.4	2.8	3.2	2.2	3.2	2.2	2.1	1.8	4.0	1.9	1.3	2.7
26	2.6	2.8	3.2	3.0	3.0	2.2	4.3	1.8	3.8	2.0	1.3	2.9
27	6.2	2.8	3.2	2.6	3.8	2.2	2.8	1.8	2.9	17	1.2	4.5
28	4.5	4.6	3.1	2.6	3.6	2.2	2.3	1.7	2.5	7.1	1.1	54
29	5.8	3.3	3.1	3.0	3.2	2.0	2.2	1.6	2.0	3.3	1.2	11
30	3.3	2.9	3.1	3.5	---	2.2	2.1	1.9	1.8	1.9	2.0	5.7
31	3.0	---	2.9	2.9	---	2.6	---	1.7	---	1.2	e1.4	---
TOTAL	93.2	102.6	205.8	83.8	275.6	81.4	130.6	124.7	149.3	103.10	107.52	238.18
MEAN	3.01	3.42	6.64	2.70	9.50	2.63	4.35	4.02	4.98	3.33	3.47	7.94
MAX	6.2	9.7	24	3.5	87	4.4	24	26	34	18	20	70
MIN	2.4	2.6	2.6	2.2	2.4	2.0	1.8	1.6	1.2	0.95	0.73	0.98

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2004, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	3.01	3.42	6.64	2.70	9.50	2.63	4.35	7.23	9.94	3.80	6.76	9.80
MAX	3.01	3.42	6.64	2.70	9.50	2.63	4.35	10.4	14.9	4.27	10.1	11.7
(WY)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2003)	(2003)	(2003)	(2003)	(2003)
MIN	3.01	3.42	6.64	2.70	9.50	2.63	4.35	4.02	4.98	3.33	3.47	7.94
(WY)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2003 - 2004	
ANNUAL TOTAL			1,695.80			
ANNUAL MEAN			4.63			
HIGHEST ANNUAL MEAN					4.63	2004
LOWEST ANNUAL MEAN					4.63	2004
HIGHEST DAILY MEAN	106	Jun 16	87	Feb 6	106	Jun 16, 2003
LOWEST DAILY MEAN	2.2	Aug 28	0.73	Aug 9	0.73	Aug 9, 2004
ANNUAL SEVEN-DAY MINIMUM	2.5	Oct 16	1.1	Aug 4	1.1	Aug 4, 2004
MAXIMUM PEAK FLOW			512	Feb 6	NOT DETERMINED	
MAXIMUM PEAK STAGE			5.62	Feb 6	8.13	Sep 23, 2003
INSTANTANEOUS LOW FLOW			0.57*	Aug 8	0.57*	Aug 8, 2004
10 PERCENT EXCEEDS			7.0		7.0	
50 PERCENT EXCEEDS			2.8		2.8	
90 PERCENT EXCEEDS			1.5		1.5	

* See REMARKS.
e Estimated.

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