

0212467595 GOOSE CREEK NEAR INDIAN TRAIL, NC

LOCATION.--Lat 35°07'30", long 80°36'10", Union County, Hydrologic Unit 03040105, on left upstream wingwall on Secondary Road 1525, 4.9 mi northwest of Indian Trail.

DRAINAGE AREA.--11.0 mi<sup>2</sup>.

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

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 550 ft above NGVD of 1929, from topographic map. Satellite telemetry at site.

REMARKS.--Records poor. Minimum discharge for current water year also occurred July 11, and is affected by regulation of unknown origin. Maximum discharge for current water year from rating curve extended above 1,480 ft<sup>3</sup>/s.

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	1.8	3.3	2.7	3.4	3.3	58	13	3.5	1.4	6.5	1.7	2.2
2	1.8	3.1	2.6	3.5	3.4	48	6.3	4.8	1.2	2.6	1.7	2.0
3	1.9	3.0	2.5	3.5	11	18	5.3	3.8	0.84	2.0	2.6	1.7
4	2.1	2.8	2.8	3.5	4.0	12	4.9	3.0	0.95	2.0	1.3	1.7
5	2.2	2.5	3.5	3.7	3.4	9.2	4.4	2.9	1.2	2.1	5.3	1.6
6	2.3	2.4	3.0	3.9	93	7.3	4.2	2.7	0.93	5.5	4.0	1.5
7	3.0	2.5	2.8	3.3	24	5.8	4.1	2.6	1.1	1.8	1.7	232
8	4.3	2.6	2.8	3.3	7.3	5.1	4.1	2.5	1.6	1.3	1.4	301
9	4.1	2.7	2.7	4.1	5.8	5.2	4.0	2.5	5.0	0.83	1.4	17
10	3.4	2.7	15	3.7	5.1	4.8	3.9	2.4	3.4	0.72	1.0	9.7
11	11	2.6	8.0	3.5	4.6	5.1	3.9	2.2	1.8	1.4	1.1	7.8
12	4.8	2.6	3.7	3.5	17	4.8	4.4	3.3	1.4	5.3	8.3	7.1
13	e3.0	2.6	3.3	3.2	8.3	3.9	17	2.6	4.9	1.7	59	3.1
14	e2.8	2.6	21	3.2	8.1	4.1	7.6	2.3	2.9	1.2	71	2.6
15	e2.8	2.8	6.4	3.2	10	4.6	5.0	2.2	3.7	0.99	14	2.6
16	e2.9	2.9	4.2	3.1	7.2	5.5	4.5	2.2	5.0	0.94	4.7	6.5
17	2.6	3.0	5.7	3.2	5.7	4.8	4.3	2.2	2.5	1.9	3.2	47
18	2.4	2.9	4.7	4.1	4.7	4.8	4.1	2.1	1.7	22	2.7	10
19	2.4	6.6	4.0	3.7	4.2	4.8	8.0	2.0	1.5	2.7	2.4	4.0
20	2.3	3.9	3.7	3.2	3.7	4.6	4.1	2.0	1.2	1.9	2.2	3.1
21	2.2	5.8	3.5	3.4	3.6	6.5	3.6	1.5	2.2	1.5	2.0	2.8
22	2.2	5.5	3.5	4.8	3.3	4.6	3.4	1.4	2.3	0.99	1.8	2.5
23	2.0	2.6	3.6	4.6	3.2	4.2	3.3	1.7	31	1.0	1.7	2.3
24	1.9	2.5	4.2	3.5	3.2	4.1	3.2	1.7	24	0.89	1.5	1.7
25	2.1	2.5	3.8	3.6	3.2	4.1	3.1	1.3	15	0.82	1.4	1.7
26	2.9	2.5	3.5	3.6	3.7	4.1	3.3	1.5	11	0.93	1.3	1.7
27	2.4	2.6	3.5	3.5	7.1	4.2	3.4	1.4	3.9	4.3	1.3	93
28	5.4	2.6	3.5	3.8	12	4.1	3.0	1.4	3.2	5.8	1.3	484
29	13	2.9	3.5	3.7	24	4.0	2.9	1.1	2.7	11	4.2	18
30	4.0	2.8	3.5	3.6	---	4.5	2.9	1.1	6.3	3.3	6.4	9.8
31	3.6	---	3.4	3.4	---	8.5	---	1.4	---	2.0	2.4	---
TOTAL	105.6	92.4	144.6	111.3	297.1	273.3	149.2	69.3	145.82	97.91	216.0	1,281.7
MEAN	3.41	3.08	4.66	3.59	10.2	8.82	4.97	2.24	4.86	3.16	6.97	42.7
MAX	13	6.6	21	4.8	93	58	17	4.8	31	22	71	484
MIN	1.8	2.4	2.5	3.1	3.2	3.9	2.9	1.1	0.84	0.72	1.0	1.5
CFSM	0.31	0.28	0.42	0.33	0.93	0.80	0.45	0.20	0.44	0.29	0.63	3.88
IN.	0.36	0.31	0.49	0.38	1.00	0.92	0.50	0.23	0.49	0.33	0.73	4.33

SUMMARY STATISTICS

FOR 2004 WATER YEAR

ANNUAL TOTAL	2,984.23
ANNUAL MEAN	8.15
HIGHEST DAILY MEAN	484 Sep 28
LOWEST DAILY MEAN	0.72 Jul 10
ANNUAL SEVEN-DAY MINIMUM	1.1 Jun 1
MAXIMUM PEAK FLOW	2,010* Sep 28
MAXIMUM PEAK STAGE	9.64 Sep 28
INSTANTANEOUS LOW FLOW	0.54* Jul 10
ANNUAL RUNOFF (CFSM)	0.741
ANNUAL RUNOFF (INCHES)	10.09
10 PERCENT EXCEEDS	9.3
50 PERCENT EXCEEDS	3.3
90 PERCENT EXCEEDS	1.4

\* See REMARKS.

e Estimated.

