

0212466000 CLEAR CREEK AT SECONDARY ROAD 3181 NEAR MINT HILL, NC

LOCATION.--Lat 35°12'30", long 80°34'48", Mecklenburg County, Hydrologic Unit 03040105, on right bank at wingwall on Secondary Road 3181, 4.25 mi northeast of Mint Hill.

DRAINAGE AREA.--12.6 mi².

PERIOD OF RECORD.--October 2002 to September 2003.

GAGE.--Water-stage recorder. Elevation of gage is 560 ft above NGVD of 1929, from topographic map. Radio telemetry at site.

REMARKS.--Records poor. Minimum discharge for current water year also occurred on Oct. 9, Sept. 22.

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	0.25	1.8	3.4	6.4	12	20	12	7.7	26	4.1	11	5.4
2	0.26	1.6	3.3	5.8	8.4	49	9.4	7.7	12	e82	9.3	5.6
3	0.27	1.5	3.2	5.7	7.0	18	8.2	10	15	16	12	5.5
4	0.27	1.4	3.3	5.1	7.2	12	7.4	12	21	7.3	12	5.3
5	0.27	2.7	43	4.9	6.2	12	7.4	8.6	14	5.8	85	4.9
6	0.39	34	18	4.7	5.9	e164	6.8	e149	10	4.8	27	4.4
7	0.35	6.5	12	4.5	32	40	173	50	e289	4.5	12	4.2
8	0.21	4.1	7.2	4.5	12	20	43	26	e646	4.0	9.0	4.1
9	0.20	3.5	5.6	4.5	8.5	15	e225	20	e54	3.8	7.7	e3.2
10	0.33	2.9	4.9	4.1	11	13	e646	17	19	3.7	7.1	e2.9
11	73	8.1	24	3.6	8.8	11	124	17	9.7	7.0	6.8	e2.7
12	5.3	71	10	3.4	7.2	10	30	17	8.5	7.7	6.3	e2.6
13	27	19	e132	3.4	6.3	9.9	16	16	7.4	50	7.6	e2.6
14	7.2	7.6	46	3.4	6.0	10	11	16	6.0	12	49	e2.6
15	4.1	5.3	15	3.3	6.7	9.6	9.8	9.7	8.3	9.3	18	e2.7
16	46	37	10	3.2	7.8	181	9.0	5.9	71	6.9	8.6	e3.0
17	6.3	64	7.8	3.6	9.0	28	8.9	4.6	46	e85	6.9	e2.2
18	3.2	14	6.5	3.2	15	22	204	5.1	e273	11	6.2	e2.2
19	2.4	7.8	6.1	3.2	16	16	73	7.1	90	e70	5.6	e2.3
20	2.1	6.0	15	3.2	12	e406	26	5.0	25	e51	5.4	e2.2
21	2.0	5.2	8.6	3.4	9.4	54	17	5.5	12	16	5.1	e2.1
22	e4.4	5.1	6.8	3.5	e137	24	14	e345	8.1	19	5.3	e3.2
23	2.0	4.8	6.0	3.5	41	18	11	64	5.9	13	5.1	e7.9
24	1.8	4.5	e140	3.3	14	14	9.8	18	5.0	9.0	4.8	e3.1
25	1.8	4.4	120	3.2	11	12	11	e165	4.5	7.2	4.5	e2.5
26	2.1	4.1	21	3.5	9.6	10	12	34	4.2	6.6	4.2	e2.3
27	1.6	4.1	12	3.5	90	9.7	10	e67	3.9	6.1	4.1	e2.2
28	3.5	3.9	9.0	3.2	41	8.4	8.8	26	3.9	5.7	4.1	e2.9
29	5.5	3.7	7.7	3.4	---	7.8	8.4	15	3.9	71	4.5	e2.4
30	3.4	3.5	6.7	66	---	57	8.0	12	4.2	24	5.3	2.5
31	2.3	---	6.2	28	---	19	---	52	---	21	9.4	---
TOTAL	209.80	343.1	720.3	208.2	558.0	1,300.4	1,759.9	1,214.9	1,706.5	644.5	368.9	101.7
MEAN	6.77	11.4	23.2	6.72	19.9	41.9	58.7	39.2	56.9	20.8	11.9	3.39
MAX	73	71	140	66	137	406	646	345	646	85	85	7.9
MIN	0.20	1.4	3.2	3.2	5.9	7.8	6.8	4.6	3.9	3.7	4.1	2.1
CFSM	0.54	0.91	1.84	0.53	1.58	3.33	4.66	3.11	4.51	1.65	0.94	0.27
IN.	0.62	1.01	2.13	0.61	1.65	3.84	5.20	3.59	5.04	1.90	1.09	0.30

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

	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003
MEAN	6.77	11.4	23.2	6.72	19.9	41.9	58.7	39.2	56.9	20.8	11.9	3.39
MAX	6.77	11.4	23.2	6.72	19.9	41.9	58.7	39.2	56.9	20.8	11.9	3.39
(WY)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)
MIN	6.77	11.4	23.2	6.72	19.9	41.9	58.7	39.2	56.9	20.8	11.9	3.39
(WY)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)

SUMMARY STATISTICS

FOR 2003 WATER YEAR

ANNUAL TOTAL	9,136.20
ANNUAL MEAN	25.0
HIGHEST DAILY MEAN	646 Apr 10
LOWEST DAILY MEAN	0.20 Oct 9
ANNUAL SEVEN-DAY MINIMUM	0.28 Oct 3
MAXIMUM PEAK FLOW	NOT DETERMINED
MAXIMUM PEAK STAGE	10.42 Jun 8
INSTANTANEOUS LOW FLOW	0.13* Oct 8
ANNUAL RUNOFF (CFSM)	1.99
ANNUAL RUNOFF (INCHES)	26.97
10 PERCENT EXCEEDS	53
50 PERCENT EXCEEDS	7.7
90 PERCENT EXCEEDS	2.7

e Estimated.
* See REMARKS.

0212466000 CLEAR CREEK AT SECONDARY ROAD 3181 NEAR MINT HILL, NC—Continued

