

0214253830 NORWOOD CREEK NEAR TROUTMAN, NC

LOCATION.--Lat 35°40'50", long 80°56'43", Iredell County, Hydrologic Unit 03050101, on left upstream wingwall of culvert on Secondary Road 1328, 0.4 mi upstream from Lake Norman, 0.7 mi downstream of Powder Spring Branch, 1.0 mi northeast of East Monbo, and 3.7 mi southwest of Troutman.

DRAINAGE AREA.--7.18 mi².

PERIOD OF RECORD.--December 1983 to current year.

GAGE.--Water-stage recorder. Datum of gage is 761.09 ft above NGVD of 1929. Satellite telemetry at station.

REMARKS.--Records poor.

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	2.9	3.2	4.7	9.4	8.4	12	9.2	5.3	4.2	6.3	9.9	6.7
2	2.9	3.0	4.6	8.9	7.9	18	8.3	5.3	4.0	27	7.6	5.9
3	2.7	3.2	4.6	10	7.7	11	7.7	6.9	48	13	8.2	5.7
4	2.8	3.3	4.8	9.6	7.9	9.4	7.3	7.1	18	9.5	8.7	10
5	2.7	3.9	17	8.9	7.5	8.9	6.9	6.9	7.9	8.6	7.2	7.2
6	2.6	7.9	14	8.5	7.4	34	6.5	23	5.2	8.2	6.7	5.9
7	2.4	5.3	11	8.2	9.4	14	31	13	39	7.9	7.2	5.7
8	2.4	4.8	8.7	8.1	9.3	11	13	7.6	39	7.6	7.4	5.5
9	2.3	4.5	7.7	8.0	8.4	10	47	6.0	7.9	7.7	8.1	5.4
10	2.2	4.5	7.4	7.8	8.2	9.5	364	5.4	5.2	8.0	7.1	5.3
11	2.7	9.4	36	8.0	7.8	9.1	114	5.2	4.5	7.5	7.0	5.2
12	2.1	35	14	8.0	7.6	8.8	21	4.9	4.3	7.3	6.6	5.2
13	2.4	9.5	48	8.0	7.4	8.7	14	4.7	4.1	7.6	6.6	5.2
14	2.2	6.1	18	8.0	7.5	8.6	11	4.6	4.0	7.3	6.2	5.1
15	2.0	5.8	9.2	7.8	8.2	8.4	9.8	4.7	4.3	7.2	6.0	5.2
16	3.1	19	7.4	7.5	8.2	28	9.1	4.7	e300	7.0	57	5.1
17	2.1	28	6.4	e7.4	8.2	14	8.5	4.6	71	6.9	38	5.0
18	1.8	11	6.0	7.3	9.5	11	92	5.2	18	6.8	9.0	5.0
19	1.7	8.1	5.9	7.2	11	11	31	4.9	14	6.8	9.9	5.1
20	1.6	7.0	8.5	e7.1	10	e550	12	4.5	11	6.8	7.4	5.0
21	1.7	6.5	6.7	e7.1	9.3	37	9.3	4.6	8.7	6.8	6.8	5.0
22	1.8	5.9	6.0	e7.1	153	19	8.2	11	7.9	7.3	6.8	5.2
23	2.1	5.7	5.6	e7.0	31	15	7.4	15	7.5	8.9	6.6	8.2
24	1.8	5.5	81	e7.0	14	12	6.9	8.5	7.2	8.1	6.3	5.3
25	1.8	5.3	35	e7.0	11	11	6.7	23	7.0	6.9	6.1	4.9
26	1.8	5.1	17	e7.0	9.6	10	7.0	9.6	6.6	6.7	5.9	4.9
27	1.8	5.0	13	7.0	13	9.6	6.3	7.0	6.6	6.7	5.8	5.0
28	2.3	4.9	11	7.0	15	9.3	6.0	5.4	6.7	6.6	5.7	5.3
29	3.2	4.8	10	7.7	---	8.8	5.7	4.9	6.4	21	5.9	4.7
30	4.5	4.8	9.6	9.8	---	18	5.5	4.6	6.0	14	5.7	4.7
31	3.7	---	9.2	9.3	---	12	---	4.7	---	9.8	7.7	---
TOTAL	74.1	236.0	448.0	246.7	423.4	957.1	892.3	232.8	684.2	277.8	301.1	167.6
MEAN	2.39	7.87	14.5	7.96	15.1	30.9	29.7	7.51	22.8	8.96	9.71	5.59
MAX	4.5	35	81	10	153	550	364	23	300	27	57	10
MIN	1.6	3.0	4.6	7.0	7.4	8.4	5.5	4.5	4.0	6.3	5.7	4.7
CFSM	0.33	1.10	2.01	1.11	2.11	4.30	4.14	1.05	3.18	1.25	1.35	0.78
IN.	0.38	1.22	2.32	1.28	2.19	4.96	4.62	1.21	3.54	1.44	1.56	0.87

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2003, BY WATER YEAR (WY)

MEAN	7.90	7.00	8.11	10.1	12.4	13.9	11.6	7.02	6.82	5.38	5.14	4.31
MAX	36.1	16.9	15.8	21.0	25.1	35.2	29.7	15.2	24.4	22.1	13.0	10.5
(WY)	(1991)	(1993)	(1984)	(1993)	(1990)	(1993)	(2003)	(1990)	(1992)	(1989)	(1994)	(1989)
MIN	1.01	1.38	1.97	2.81	3.54	4.49	3.60	2.39	1.61	1.41	0.85	1.53
(WY)	(2002)	(2002)	(2002)	(2001)	(2002)	(1999)	(1986)	(2001)	(1986)	(2000)	(2000)	(2001)

SUMMARY STATISTICS

FOR 2002 CALENDAR YEAR

FOR 2003 WATER YEAR

WATER YEARS 1984 - 2003

ANNUAL TOTAL	1,636.88	4,941.1	
ANNUAL MEAN	4.48	13.5	8.12
HIGHEST ANNUAL MEAN			13.5 2003
LOWEST ANNUAL MEAN			2.77 2002
HIGHEST DAILY MEAN	81 Dec 24	550 Mar 20	550 Mar 20, 2003
LOWEST DAILY MEAN	0.48 Aug 10	1.6 Oct 20	0.48 Aug 10, 2002
ANNUAL SEVEN-DAY MINIMUM	0.58 Sep 7	1.8 Oct 18	0.58 Sep 7, 2002
MAXIMUM PEAK STAGE		10.18 Jun 16	10.18 Jun 16, 2003
INSTANTANEOUS PEAK FLOW		NOT DETERMINED	NOT DETERMINED
INSTANTANEOUS LOW FLOW		1.6 Oct 20	0.40 Aug 21, 2002
ANNUAL RUNOFF (CFSM)	0.62	1.89	1.13
ANNUAL RUNOFF (INCHES)	8.48	25.60	15.37
10 PERCENT EXCEEDS	6.4	18	11
50 PERCENT EXCEEDS	3.2	7.3	5.1
90 PERCENT EXCEEDS	1.1	4.0	2.3

e Estimated.

0214253830 NORWOOD CREEK NEAR TROUTMAN, NC—Continued

