

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 mi<sup>2</sup>.

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

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

REMARKS.--No estimated daily discharges. Records poor. Peak stage for current water year from crest-stage gage.

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	4.8	5.1	4.9	5.4	5.7	6.3	24	7.1	4.7	3.6	1.8	3.1
2	4.6	5.1	4.9	5.3	5.6	6.2	9.3	7.6	4.5	3.3	1.8	3.2
3	4.5	5.1	4.6	5.3	14	6.1	7.8	7.2	4.5	3.2	1.8	3.2
4	4.7	5.1	4.9	5.4	7.8	5.9	7.1	6.9	4.8	3.2	1.7	2.8
5	4.7	5.2	5.4	5.8	6.6	5.8	6.7	6.5	4.5	3.4	1.7	2.8
6	4.8	12	5.1	5.6	49	6.1	6.6	5.8	4.4	3.5	1.7	2.8
7	4.7	5.9	4.9	5.3	29	5.8	6.5	5.5	5.2	3.5	1.7	4.3
8	5.1	5.1	4.9	5.3	8.8	5.7	6.4	5.3	6.1	3.7	1.8	39
9	5.3	4.7	4.9	5.5	7.1	5.6	6.3	5.3	5.5	3.8	1.8	6.2
10	5.0	4.6	10	5.5	6.6	5.6	6.2	5.3	5.2	4.2	1.8	3.8
11	5.3	4.6	8.8	5.5	6.2	5.6	6.3	5.2	5.1	3.4	1.7	3.1
12	5.0	4.6	5.8	5.5	6.9	5.7	8.3	5.2	5.2	4.0	31	2.6
13	4.9	4.5	5.5	5.5	6.7	5.6	36	5.3	5.2	3.5	5.2	2.3
14	5.0	4.6	13	5.5	6.2	5.6	14	5.2	6.0	3.0	2.8	2.4
15	5.1	4.7	8.7	5.5	6.4	5.9	8.8	5.2	5.7	2.6	2.9	2.3
16	4.9	4.7	6.4	5.6	6.5	6.5	7.6	5.2	6.0	2.4	2.9	2.0
17	5.0	4.7	6.6	5.6	6.2	6.1	7.1	5.3	4.8	2.4	2.8	3.5
18	5.0	4.8	6.0	6.0	5.9	6.3	6.7	5.2	4.2	2.5	3.2	2.9
19	5.0	6.5	5.8	5.6	5.8	6.2	6.5	5.2	3.7	2.2	2.8	1.9
20	4.9	5.6	5.5	5.5	5.7	6.1	6.4	5.2	3.5	1.9	2.5	1.8
21	5.0	5.2	5.4	5.5	5.7	6.0	6.3	5.2	3.4	1.8	2.6	1.7
22	5.0	5.0	5.4	5.4	5.5	5.9	6.1	5.2	3.4	1.7	2.6	1.7
23	4.9	4.9	5.3	5.4	5.5	5.8	6.1	5.3	3.4	1.7	2.4	1.7
24	4.9	4.9	5.3	5.5	5.5	5.8	6.0	5.3	3.6	1.6	2.5	1.7
25	4.9	4.9	5.2	5.7	5.4	5.8	5.8	5.1	3.4	1.6	2.5	1.7
26	5.0	5.1	5.2	5.9	5.5	5.8	6.7	5.2	4.2	1.6	2.7	1.6
27	5.6	5.1	5.2	5.8	6.0	6.2	6.3	5.2	3.4	2.2	2.7	1.9
28	5.3	5.3	5.2	5.5	6.0	6.2	5.8	5.0	4.0	2.1	2.9	281
29	5.3	5.0	5.3	5.6	6.2	5.9	5.8	5.0	3.7	2.1	3.4	15
30	5.1	5.0	5.4	5.7	---	6.1	5.9	5.5	3.6	2.1	3.4	7.1
31	5.1	---	5.3	6.0	---	16	---	5.5	---	1.9	3.2	---
TOTAL	154.4	157.6	184.8	172.2	254.0	194.2	255.4	172.2	134.9	83.7	106.3	411.1
MEAN	4.98	5.25	5.96	5.55	8.76	6.26	8.51	5.55	4.50	2.70	3.43	13.7
MAX	5.6	12	13	6.0	49	16	36	7.6	6.1	4.2	31	281
MIN	4.5	4.5	4.6	5.3	5.4	5.6	5.8	5.0	3.4	1.6	1.7	1.6
CFSM	0.69	0.73	0.83	0.77	1.22	0.87	1.19	0.77	0.63	0.38	0.48	1.91
IN.	0.80	0.82	0.96	0.89	1.32	1.01	1.32	0.89	0.70	0.43	0.55	2.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2004, BY WATER YEAR (WY)

MEAN	7.75	6.91	8.01	9.88	12.2	13.6	11.5	6.95	6.71	5.25	5.06	4.76
MAX	36.1	16.9	15.8	21.0	25.1	35.2	29.7	15.2	24.4	22.1	13.0	13.7
(WY)	(1991)	(1993)	(1984)	(1993)	(1990)	(1993)	(2003)	(1990)	(1992)	(1989)	(1994)	(2004)
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 2003 CALENDAR YEAR

FOR 2004 WATER YEAR

WATER YEARS 1984 - 2004

ANNUAL TOTAL	4,679.8	2,280.8	
ANNUAL MEAN	12.8	6.23	8.03
HIGHEST ANNUAL MEAN			13.5
LOWEST ANNUAL MEAN			2.77
HIGHEST DAILY MEAN	550	Mar 20	281
LOWEST DAILY MEAN	4.0	Jun 2	1.6
ANNUAL SEVEN-DAY MINIMUM	4.6	Nov 9	1.7
MAXIMUM PEAK FLOW			875
MAXIMUM PEAK STAGE			8.08*
INSTANTANEOUS LOW FLOW			1.4
ANNUAL RUNOFF (CFSM)	1.79		0.868
ANNUAL RUNOFF (INCHES)	24.25		11.82
10 PERCENT EXCEEDS	14		6.6
50 PERCENT EXCEEDS	7.0		5.2
90 PERCENT EXCEEDS	4.9		2.4

\* See REMARKS.

