

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

REMARKS.--Records fair except those for estimated daily discharges and for period of beaver affected gage-height, May 12 to July 12, which is poor. Minimum discharge for current water year occurred many days in Sept.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.1	3.5	7.6	6.3	9.0	15	6.9	6.6	9.6	7.6	5.9	1.9
2	4.7	3.5	7.0	6.1	8.8	9.6	6.8	6.2	7.6	7.7	4.7	1.9
3	4.7	3.7	6.7	6.0	11	8.4	6.3	6.1	5.7	7.1	4.3	1.8
4	4.3	43	6.5	5.9	11	7.8	6.0	5.8	6.6	6.8	4.1	1.8
5	3.9	12	6.3	5.8	10	7.5	5.8	5.7	7.2	6.0	4.0	1.7
6	3.7	7.9	6.3	5.8	9.8	7.2	5.8	5.8	6.9	5.7	4.0	1.7
7	3.6	6.7	6.9	5.6	9.7	7.1	5.7	5.6	14	10	4.4	1.7
8	3.6	6.1	6.5	5.6	9.6	8.3	5.8	5.6	10	7.0	4.3	1.7
9	3.5	e5.5	21	5.3	9.7	7.4	6.1	5.7	6.4	5.2	7.9	1.8
10	3.5	e5.3	218	5.3	9.8	7.1	5.1	5.4	6.7	5.4	17	1.8
11	3.5	e5.0	25	5.2	9.5	7.1	5.1	5.8	7.3	5.7	5.1	1.7
12	3.4	e24	15	5.1	9.6	6.9	5.2	5.4	7.8	5.3	4.4	1.7
13	3.8	14	12	5.1	9.6	6.9	7.9	6.5	8.0	7.6	4.1	1.6
14	3.6	8.0	10	19	10	7.3	33	5.7	7.6	6.8	4.0	1.7
15	3.5	e7.0	9.2	7.8	10	6.9	9.0	5.6	7.7	5.7	3.8	1.7
16	3.5	e6.5	8.6	6.3	10	7.8	7.0	4.6	7.6	5.0	3.7	1.7
17	3.6	6.0	8.3	5.8	10	9.9	6.3	4.6	7.2	4.9	4.1	1.8
18	3.5	5.9	7.9	5.3	10	9.3	5.9	4.9	6.3	4.5	7.8	1.8
19	3.8	5.8	7.6	5.2	10	8.3	5.7	5.2	5.7	4.4	3.3	1.7
20	3.7	6.1	7.2	e5.2	11	8.0	5.4	6.2	5.5	4.3	2.5	1.6
21	3.6	5.8	7.0	e5.2	13	7.6	5.1	5.8	4.8	4.3	2.3	1.7
22	3.6	6.0	7.0	e5.1	12	7.6	5.8	6.2	4.3	4.3	2.2	1.7
23	3.5	11	12	e5.1	12	10	5.1	7.6	3.6	4.3	2.2	1.7
24	3.6	16	9.8	e5.0	e10	9.1	4.8	8.9	3.7	4.1	2.2	1.6
25	3.6	16	8.1	e5.2	8.4	8.3	4.9	8.4	3.8	4.1	2.2	1.6
26	3.5	9.5	7.5	e5.5	7.6	8.0	5.0	9.2	3.8	4.0	2.1	1.7
27	3.7	8.9	7.1	e6.0	7.4	8.0	5.2	9.7	4.0	3.9	2.1	1.7
28	4.6	10	6.8	e7.0	37	129	5.1	10	4.7	3.8	2.1	1.7
29	3.9	7.9	6.7	8.3	---	17	5.5	11	4.5	5.0	2.1	1.8
30	3.6	7.6	6.6	9.9	---	8.8	5.8	10	6.6	4.6	2.1	1.7
31	3.5	---	6.4	9.3	---	7.4	---	10	---	9.9	2.0	---
TOTAL	117.2	284.2	488.6	199.3	305.5	384.6	203.1	209.8	195.2	175.0	127.0	51.7
MEAN	3.78	9.47	15.8	6.43	10.9	12.4	6.77	6.77	6.51	5.65	4.10	1.72
MAX	5.1	43	218	19	37	129	33	11	14	10	17	1.9
MIN	3.4	3.5	6.3	5.0	7.4	6.9	4.8	4.6	3.6	3.8	2.0	1.6
CFSM	0.53	1.32	2.20	0.90	1.52	1.73	0.94	0.94	0.91	0.79	0.57	0.24
IN.	0.61	1.47	2.53	1.03	1.58	1.99	1.05	1.09	1.01	0.91	0.66	0.27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2005, BY WATER YEAR (WY)

MEAN	7.56	7.03	8.36	9.73	12.2	13.5	11.3	6.94	6.70	5.27	5.02	4.62
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)	(2005)	(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)

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SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1984 - 2005	
ANNUAL TOTAL	2,674.0		2,741.2		8.00	
ANNUAL MEAN	7.31		7.51		2.77	
HIGHEST ANNUAL MEAN					13.5	2003
LOWEST ANNUAL MEAN					2.77	2002
HIGHEST DAILY MEAN	281	Sep 28	218	Dec 10	550	Mar 20, 2003
LOWEST DAILY MEAN	1.6	Jul 24	1.6*	Sep 13	0.48	Aug 10, 2002
ANNUAL SEVEN-DAY MINIMUM	1.7	Jul 20	1.7	Sep 19	0.58	Sep 7, 2002
MAXIMUM PEAK FLOW			901	Dec 10	NOT DETERMINED	
MAXIMUM PEAK STAGE			8.14	Dec 10	10.18	Jun 16, 2003
INSTANTANEOUS LOW FLOW			1.6	Sep 6	0.40	Aug 21, 2002
ANNUAL RUNOFF (CFSM)	1.02		1.05		1.11	
ANNUAL RUNOFF (INCHES)	13.85		14.20		15.14	
10 PERCENT EXCEEDS	8.2		10		11	
50 PERCENT EXCEEDS	5.5		5.8		5.2	
90 PERCENT EXCEEDS	2.4		2.2		2.3	

* See REMARKS.
e Estimated.

