

02126000 ROCKY RIVER NEAR NORWOOD, NC

LOCATION.--Lat 35°08'56", long 80°10'33", Stanly County, Hydrologic Unit 03040105, on left bank 1,000 ft downstream of Lanes Creek, 1.5 mi upstream from bridge on Secondary Road 1935, 6 mi southwest of Norwood, and 11.2 mi upstream from mouth.

DRAINAGE AREA.--1,372 mi².

PERIOD OF RECORD.--October 1929 to current year.

REVISED RECORDS.--WSP 852: 1937. WSP 1052: 1936(M). WSP 1503: 1935, 1945. WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 212.91 ft above NGVD of 1929 (levels by U.S. Army Corps of Engineers). Satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Maximum gage height for period of record, from floodmark.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in August 1908 reached a stage of 35 ft, from information by local residents; discharge, 67,600 ft³/s.

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	150	670	391	e990	2,440	4,700	2,490	1,050	6,440	2,300	1,480	911
2	127	494	366	e1,000	1,410	7,990	1,560	1,100	2,250	12,600	2,230	678
3	116	402	349	e990	1,060	4,630	1,230	961	1,410	9,140	1,180	441
4	108	351	349	e1,080	921	2,390	1,050	3,240	3,590	2,340	1,120	358
5	102	330	3,450	e900	1,240	1,850	936	3,690	3,540	1,270	6,170	320
6	95	3,030	6,820	e800	957	18,100	901	11,100	1,780	938	4,470	554
7	90	2,630	2,990	e740	5,370	16,700	4,680	11,400	9,860	779	1,580	453
8	91	1,110	1,790	e669	4,150	4,200	10,700	4,190	22,500	715	2,120	373
9	93	759	1,250	632	1,830	2,410	23,400	2,080	12,800	678	2,850	323
10	96	585	985	594	1,640	1,790	39,000	1,380	4,560	590	2,520	291
11	4,150	605	1,670	546	2,110	1,430	46,100	1,070	1,970	585	2,170	269
12	5,140	5,520	3,210	502	1,380	1,220	21,200	885	1,410	2,180	1,930	242
13	2,880	9,090	8,290	468	1,060	1,110	4,680	757	1,370	3,690	1,100	225
14	4,170	2,890	14,500	e456	887	1,430	2,650	653	1,060	5,190	963	221
15	1,320	1,470	3,770	e450	876	1,320	2,050	584	875	2,290	5,720	207
16	5,830	1,230	1,940	e440	1,140	10,000	1,700	853	2,480	1,650	4,770	200
17	3,920	10,400	1,390	e430	3,840	9,430	1,480	980	16,200	1,800	5,210	246
18	1,300	6,470	1,110	e420	2,900	3,980	1,730	702	6,600	1,630	1,890	249
19	754	2,420	943	e415	3,690	2,940	11,400	798	18,100	6,910	1,360	714
20	554	1,480	1,240	e410	2,400	32,200	6,800	839	6,910	3,720	773	295
21	457	1,130	2,280	e406	1,770	37,400	3,090	685	2,460	1,580	632	e233
22	602	942	1,330	e401	6,860	13,600	2,360	9,210	1,450	973	544	212
23	886	781	1,010	e400	15,000	3,090	1,880	24,800	1,090	1,190	529	1,150
24	594	659	3,730	e401	4,550	2,040	1,480	15,800	993	1,390	893	1,700
25	457	588	16,800	e403	2,130	1,560	1,300	12,300	766	1,010	712	936
26	400	542	8,260	406	1,570	1,320	1,490	14,500	650	761	515	660
27	367	501	2,750	427	6,740	1,190	2,830	7,210	581	651	414	535
28	356	468	e1,650	409	14,900	1,050	1,850	4,010	551	598	359	423
29	884	428	e1,300	397	---	951	1,320	1,970	631	529	325	400
30	1,360	401	e1,090	655	---	2,840	1,120	1,930	697	1,390	318	332
31	965	---	e960	5,890	---	6,310	---	2,070	---	1,780	671	---
TOTAL	38,414	58,376	97,963	23,127	94,821	201,171	204,457	142,797	135,574	72,847	57,518	14,151
MEAN	1,239	1,946	3,160	746	3,386	6,489	6,815	4,606	4,519	2,350	1,855	472
MAX	5,830	10,400	16,800	5,890	15,000	37,400	46,100	24,800	22,500	12,600	6,170	1,700
MIN	90	330	349	397	876	951	901	584	551	529	318	200
CFSM	0.90	1.42	2.30	0.54	2.47	4.73	4.97	3.36	3.29	1.71	1.35	0.34
IN.	1.04	1.58	2.66	0.63	2.57	5.45	5.54	3.87	3.68	1.98	1.56	0.38

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2003, BY WATER YEAR (WY)

MEAN	889	791	1,286	2,433	2,739	2,741	1,783	860	715	773	740	663
MAX	6,837	4,763	4,564	7,458	7,922	7,674	7,097	4,606	4,519	3,479	2,917	8,262
(WY)	(1991)	(1949)	(1933)	(1998)	(1960)	(1993)	(1936)	(2003)	(2003)	(1997)	(1967)	(1945)
MIN	45.9	54.1	105	152	321	412	234	140	88.5	95.6	82.4	41.0
(WY)	(1931)	(1942)	(1934)	(1934)	(1938)	(1981)	(1967)	(2002)	(1986)	(1986)	(1957)	(1954)

02126000 ROCKY RIVER NEAR NORWOOD, NC—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1930 - 2003	
ANNUAL TOTAL	331,748		1,141,216			
ANNUAL MEAN	909		3,127		1,362	
HIGHEST ANNUAL MEAN					3,127	2003
LOWEST ANNUAL MEAN					406	2002
HIGHEST DAILY MEAN	16,800	Dec 25	46,100	Apr 11	85,600	Sep 18, 1945
LOWEST DAILY MEAN	72	May 29	90	Oct 7	19	Oct 28, 1931
ANNUAL SEVEN-DAY MINIMUM	74	Jun 19	96	Oct 4	26	Oct 7, 1954
MAXIMUM PEAK FLOW			54,500	Apr 10	105,000	Sep 18, 1945
MAXIMUM PEAK STAGE			30.03	Apr 10	46.37*	Sep 18, 1945
INSTANTANEOUS LOW FLOW			83	Oct 7	17	Oct 8, 1954
ANNUAL RUNOFF (CFSM)	0.66		2.28		0.99	
ANNUAL RUNOFF (INCHES)	8.99		30.94		13.48	
10 PERCENT EXCEEDS	2,400		7,520		2,970	
50 PERCENT EXCEEDS	281		1,240		402	
90 PERCENT EXCEEDS	93		371		105	

e Estimated.
 * See REMARKS.

