

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 and crest-stage gage. 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 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	258	307	237	306	378	5,210	664	246	106	267	290	812
2	221	254	212	287	337	5,190	1,070	346	124	633	208	454
3	199	229	201	288	501	2,520	698	842	142	393	246	319
4	195	223	294	286	1,220	1,500	557	881	117	294	317	208
5	184	219	258	294	775	1,160	477	525	113	296	206	163
6	175	224	292	397	1,060	989	435	374	111	337	159	145
7	180	248	293	603	9,080	876	389	306	120	308	152	642
8	182	262	252	405	3,430	761	370	268	107	236	143	39,700
9	210	245	236	345	1,400	693	368	240	152	179	109	25,700
10	333	232	260	332	1,010	632	349	218	212	144	96	3,480
11	405	293	1,120	336	840	583	334	217	205	135	93	1,540
12	629	368	959	312	1,560	571	340	281	172	304	94	1,100
13	410	226	555	304	3,600	570	428	269	121	408	679	874
14	308	200	1,160	305	1,740	486	1,270	298	108	284	5,640	749
15	347	192	2,490	297	2,440	472	1,020	244	884	180	4,600	671
16	314	192	1,140	291	3,620	548	656	211	912	142	1,380	723
17	320	185	774	289	1,940	605	514	190	433	116	566	3,840
18	222	192	801	281	1,290	581	440	179	272	526	350	6,130
19	195	216	724	e305	1,030	543	395	172	182	995	334	2,050
20	188	379	553	e355	893	526	366	467	149	335	335	1,220
21	186	485	477	e320	793	509	346	218	194	215	220	887
22	183	333	417	e295	744	504	328	171	719	164	185	748
23	179	265	380	e280	629	480	305	153	410	134	154	664
24	172	237	382	e285	584	425	290	156	1,160	130	142	599
25	177	223	382	275	565	398	274	220	669	114	133	561
26	169	217	363	283	588	387	262	174	1,130	100	127	527
27	171	217	330	287	711	379	268	143	1,290	92	117	668
28	192	209	318	297	1,020	377	278	131	527	1,070	110	34,500
29	377	216	309	325	3,030	364	282	124	375	684	114	29,300
30	731	218	307	389	---	362	252	116	291	933	692	8,530
31	432	---	307	396	---	409	---	110	---	583	1,520	---
TOTAL	8,444	7,506	16,783	10,050	46,808	29,610	14,025	8,490	11,507	10,731	19,511	167,504
MEAN	272	250	541	324	1,614	955	468	274	384	346	629	5,583
MAX	731	485	2,490	603	9,080	5,210	1,270	881	1,290	1,070	5,640	39,700
MIN	169	185	201	275	337	362	252	110	106	92	93	145
CFSM	0.20	0.18	0.39	0.24	1.18	0.70	0.34	0.20	0.28	0.25	0.46	4.07
IN.	0.23	0.20	0.46	0.27	1.27	0.80	0.38	0.23	0.31	0.29	0.53	4.54

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2004, BY WATER YEAR (WY)

MEAN	881	784	1,276	2,405	2,724	2,718	1,766	852	711	767	738	728
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)

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1930 - 2004	
ANNUAL TOTAL	979,196		350,969		1,356	
ANNUAL MEAN	2,683		959		3,127	
HIGHEST ANNUAL MEAN					406	2003
LOWEST ANNUAL MEAN					85,600	Sep 18, 1945
HIGHEST DAILY MEAN	46,100	Apr 11	39,700	Sep 8	19	Oct 28, 1931
LOWEST DAILY MEAN	169	Oct 26	92	Jul 27	26	Oct 7, 1954
ANNUAL SEVEN-DAY MINIMUM	177	Oct 21	118	May 31	105,000	Sep 18, 1945
MAXIMUM PEAK FLOW			52,500	Sep 8	46.37*	Sep 18, 1945
MAXIMUM PEAK STAGE			29.30	Sep 8	17	Oct 8, 1954
INSTANTANEOUS LOW FLOW			86	Aug 12	0.989	
ANNUAL RUNOFF (CFSM)	1.96		0.699		13.43	
ANNUAL RUNOFF (INCHES)	26.55		9.52		2,950	
10 PERCENT EXCEEDS	6,660		1,160		400	
50 PERCENT EXCEEDS	936		329		105	
90 PERCENT EXCEEDS	222		148			

* See REMARKS.

e Estimated.

