

PEE DEE RIVER BASIN

02126000 ROCKY RIVER NEAR NORWOOD, NC

LOCATION.--Lat 35°08'54", 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 fair 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 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	101	68	107	81	484	217	3730	132	195	114	153	5310
2	94	74	102	82	469	250	2390	131	198	96	150	1130
3	94	79	95	98	413	3610	1180	127	117	100	148	455
4	88	78	96	100	367	3230	851	143	96	92	155	308
5	91	102	95	106	336	1320	672	197	87	180	142	e242
6	103	79	100	135	316	836	544	314	83	183	139	201
7	112	78	106	821	661	647	466	199	115	126	144	173
8	138	78	109	701	4690	549	407	151	285	106	146	149
9	134	81	106	388	2390	481	384	138	249	96	144	107
10	112	85	106	275	1210	433	376	125	141	96	144	81
11	105	86	514	222	1070	381	382	118	101	101	148	74
12	104	91	818	189	890	345	353	106	95	111	143	73
13	103	86	322	172	701	620	332	129	89	112	136	72
14	97	84	201	165	589	1970	326	138	88	146	135	98
15	370	91	149	173	508	1150	300	407	86	260	186	358
16	365	93	120	158	458	741	281	229	e82	480	272	1020
17	167	98	108	145	420	603	266	147	e79	247	241	875
18	124	101	106	138	379	1430	247	131	e76	176	659	435
19	101	99	212	172	343	1150	235	124	e72	153	365	483
20	91	96	238	5150	314	819	221	168	76	137	241	334
21	87	92	151	2180	314	1370	197	133	77	132	195	222
22	85	93	119	1330	310	2620	186	106	74	125	e127	157
23	80	94	104	5610	297	1250	176	96	75	149	99	131
24	77	103	96	8850	271	833	169	92	73	264	86	118
25	80	110	87	4850	254	669	166	95	73	237	e80	107
26	86	151	89	2980	246	573	166	90	80	358	e83	119
27	102	140	88	1290	242	637	168	83	95	295	e87	140
28	103	115	82	892	231	638	158	76	103	242	95	266
29	74	105	82	712	---	530	144	72	99	215	107	248
30	64	106	84	600	---	469	134	76	99	171	121	198
31	66	---	84	520	---	482	---	78	---	159	254	---
TOTAL	3598	2836	4876	39285	19173	30853	15607	4351	3258	5459	5325	13684
MEAN	116.1	94.53	157.3	1267	684.8	995.3	520.2	140.4	108.6	176.1	171.8	456.1
MAX	370	151	818	8850	4690	3610	3730	407	285	480	659	5310
MIN	64	68	82	81	231	217	134	72	72	92	80	72
CFSM	0.08	0.07	0.11	0.92	0.50	0.73	0.38	0.10	0.08	0.13	0.13	0.33
IN.	0.10	0.08	0.13	1.07	0.52	0.84	0.42	0.12	0.09	0.15	0.14	0.37

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2002, BY WATER YEAR (WY)

MEAN	884.3	775.5	1261	2456	2730	2690	1714	808.8	663.4	751.2	724.6	665.3
MAX	6837	4763	4564	7458	7922	7674	7097	3998	3017	3479	2917	8262
(WY)	1991	1949	1933	1998	1960	1993	1936	1975	1982	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

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	FOR 2002 WATER YEAR	FOR 2002 WATER YEAR	WATER YEARS 1930 - 2002
ANNUAL TOTAL	158619		148305		
ANNUAL MEAN	434.6		406.3		1338
HIGHEST ANNUAL MEAN					2492
LOWEST ANNUAL MEAN					406
HIGHEST DAILY MEAN	13800	Mar 30	8850	Jan 24	85600
LOWEST DAILY MEAN	64	Oct 30	64	Oct 30	19
ANNUAL SEVEN-DAY MINIMUM	72	Oct 29	72	Oct 29	26
MAXIMUM PEAK FLOW			13100	Jan 23	105000
MAXIMUM PEAK STAGE			11.26	Jan 23	46.37*
INSTANTANEOUS LOW FLOW			59	Oct 30	17
ANNUAL RUNOFF (CFSM)	0.32		0.30		0.97
ANNUAL RUNOFF (INCHES)	4.30		4.02		13.25
10 PERCENT EXCEEDS	847		818		2910
50 PERCENT EXCEEDS	174		146		395
90 PERCENT EXCEEDS	87		82		104

e Estimated.

* See REMARKS.

02126000 ROCKY RIVER NEAR NORWOOD, NC--Continued

