

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 sea level (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. Minimum discharge for the current water year also occurred Aug. 9.

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 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	238	e110	156	e140	277	448	2130	220	230	240	111	97
2	207	e94	144	e136	246	401	1510	213	405	166	109	104
3	166	e90	130	e132	220	370	1160	208	553	138	96	89
4	e140	e86	117	e134	206	1830	1020	192	312	163	91	101
5	e130	e80	123	e134	192	2940	908	e186	213	1630	84	780
6	e130	e76	126	e136	186	1340	789	e180	174	1100	75	526
7	e120	78	124	e142	187	850	708	e174	159	577	72	266
8	e115	93	125	e148	187	641	639	e166	145	377	76	171
9	e120	91	122	e156	181	532	578	e156	143	258	72	139
10	e122	101	119	e160	181	447	534	e148	146	244	75	119
11	e124	123	111	178	183	389	474	143	146	201	402	104
12	e122	144	114	166	204	357	434	136	127	167	845	107
13	e118	121	117	223	283	377	405	128	132	145	549	99
14	e110	109	120	316	486	422	404	117	386	142	308	92
15	e106	124	117	289	468	704	436	113	742	158	248	84
16	e100	186	204	231	407	2900	364	114	355	146	148	81
17	e96	154	1110	201	2000	1430	341	117	319	119	113	76
18	e94	134	842	186	2760	853	316	120	458	104	104	78
19	e94	145	490	183	1090	617	287	155	216	99	1250	76
20	e92	151	331	1120	700	715	278	194	153	116	423	86
21	e90	220	263	1740	542	9750	268	313	127	172	258	171
22	e90	207	227	879	539	6350	253	202	124	137	162	220
23	e88	159	194	560	991	2270	239	272	1130	111	125	170
24	e88	136	171	435	803	1320	233	317	905	110	106	157
25	e86	136	e166	363	588	967	357	218	1850	135	102	2030
26	e84	527	e160	315	641	772	742	252	1590	184	104	666
27	e90	588	e150	278	738	657	502	440	1040	265	97	285
28	e100	336	e146	252	545	575	345	325	640	229	91	180
29	e110	229	e146	237	---	1160	277	292	355	157	92	141
30	e114	183	e144	237	---	13800	234	404	416	124	98	118
31	e110	---	e140	258	---	5630	---	309	---	114	92	---
TOTAL	3594	5011	6749	10065	16031	61814	17165	6524	13691	8028	6578	7413
MEAN	116	167	218	325	573	1994	572	210	456	259	212	247
MAX	238	588	1110	1740	2760	13800	2130	440	1850	1630	1250	2030
MIN	84	76	111	132	181	357	233	113	124	99	72	76
CFSM	.08	.12	.16	.24	.42	1.45	.42	.15	.33	.19	.15	.18
IN.	.10	.14	.18	.27	.43	1.68	.47	.18	.37	.22	.18	.20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2001, BY WATER YEAR (WY)

	895	785	1276	2473	2758	2714	1731	818	671	759	732	668
MEAN	895	785	1276	2473	2758	2714	1731	818	671	759	732	668
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	142	88.5	95.6	82.4	41.0
(WY)	1931	1942	1934	1934	1938	1981	1967	1981	1986	1986	1957	1954

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1930 - 2001

ANNUAL TOTAL	289520	162663	
ANNUAL MEAN	791	446	1350
HIGHEST ANNUAL MEAN			2492
LOWEST ANNUAL MEAN			446
HIGHEST DAILY MEAN	13100	Jan 31	85600
LOWEST DAILY MEAN	76	Nov 6	19
ANNUAL SEVEN-DAY MINIMUM	85	Nov 3	78
MAXIMUM PEAK FLOW			16400
MAXIMUM PEAK STAGE			13.31
INSTANTANEOUS LOW FLOW			68*
ANNUAL RUNOFF (CFSM)	.58	.32	.98
ANNUAL RUNOFF (INCHES)	7.85	4.41	13.37
10 PERCENT EXCEEDS	1950	851	2940
50 PERCENT EXCEEDS	214	184	401
90 PERCENT EXCEEDS	97	95	105

e Estimated.
* See REMARKS.

02126000 ROCKY RIVER NEAR NORWOOD, NC--Continued

