

PEE DEE RIVER BASIN

02115360 YADKIN RIVER AT ENON, NC

LOCATION.--Lat 36°07'55", long 80°26'39", Forsyth County, Hydrologic Unit 03040101, on left bank 50 ft upstream from bridge on Secondary Road 1525, 1.5 mi east of Enon, 4 mi upstream from Forbush Creek, and 324 mi upstream from mouth of Pee Dee River in Winyah Bay.

DRAINAGE AREA.--1,694 mi².

PERIOD OF RECORD.--July 1964 to current year.

REVISED RECORDS.--WDR NC-72-1: 1970 (M). WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 701.71 ft above sea level. Prior to Nov. 6, 1968, nonrecording gage on downstream side of bridge at same site and datum. Satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are fair. Some regulation by W. Kerr Scott Reservoir (station 02111391). Minimum discharge for period of record also occurred Sept. 1, 1981.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Aug. 15, 1940, reached a stage of 737.5 ft (35.8 ft above gage datum), from information by U.S. Army Corps of Engineers.

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	852	645	690	e786	1050	1060	3790	1030	959	753	1840	902
2	838	648	677	e784	997	1010	3180	1070	1060	790	1420	976
3	806	669	660	e782	966	987	2540	1070	1010	774	1370	922
4	786	677	689	e780	947	1180	2410	991	906	831	1190	896
5	769	679	676	e778	948	1430	2160	937	909	950	1310	984
6	750	681	668	e776	940	1270	1960	973	1070	1060	1180	849
7	733	673	685	e774	923	1100	1830	949	1350	791	875	779
8	709	676	694	e772	915	1050	1730	903	1100	809	823	738
9	697	741	677	e770	902	1030	1600	893	962	1590	792	720
10	686	1240	678	e768	934	1000	1470	898	900	1100	767	752
11	693	1380	706	e766	886	984	1420	877	866	875	749	838
12	674	836	698	e764	849	969	1400	856	827	811	1440	886
13	659	739	668	e762	874	1060	1410	835	793	753	1660	740
14	652	725	684	e760	912	1120	1430	815	777	733	1810	693
15	668	689	801	e758	948	1080	1350	770	853	706	1320	673
16	670	666	863	e754	966	1480	1320	863	886	719	998	669
17	658	674	1510	e748	1340	1360	1280	1290	877	697	896	654
18	643	677	2160	800	1430	1180	1240	1430	755	690	1020	647
19	643	668	1220	1480	1120	1100	1220	1080	705	670	1780	606
20	635	694	1060	4650	1020	1050	1160	1100	678	653	2960	647
21	644	686	892	2760	971	e1600	1170	1200	647	731	1810	765
22	657	650	e840	1660	957	2790	1220	2580	650	669	1220	698
23	673	645	e820	1330	975	2140	1200	1970	1780	624	879	633
24	668	656	e810	1220	957	2200	1200	1370	1330	599	938	774
25	661	686	e800	1170	1030	1680	1250	1270	925	616	856	2460
26	667	890	e798	1110	1460	1610	1170	1620	938	1540	793	1020
27	674	1010	e796	1070	1300	1220	1210	1330	1820	1380	785	726
28	674	814	e794	1050	1130	1100	1090	1120	1270	1540	852	670
29	666	738	e792	1020	---	1470	1060	1040	910	1460	886	633
30	662	710	e790	1050	---	9690	1040	1020	794	2810	787	626
31	652	---	e788	1130	---	4810	---	937	---	2700	798	---
TOTAL	21519	22562	26084	34582	28647	52810	47510	35087	29307	31424	36804	24576
MEAN	694	752	841	1116	1023	1704	1584	1132	977	1014	1187	819
MAX	852	1380	2160	4650	1460	9690	3790	2580	1820	2810	2960	2460
MIN	635	645	660	748	849	969	1040	770	647	599	749	606

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2001, BY WATER YEAR (WY)

	2000	2015	2270	2784	2935	3514	3319	2784	2438	1903	1966	1740
MEAN	2000	2015	2270	2784	2935	3514	3319	2784	2438	1903	1966	1740
MAX	5371	5128	4814	5725	5645	7862	7337	4989	5435	3485	5611	5810
(WY)	1991	1978	1974	1978	1990	1993	1980	1973	1972	1989	1970	1979
MIN	689	752	841	1051	1023	1443	1390	1132	748	654	623	815
(WY)	1989	2001	2001	1981	2001	1981	1985	2001	1988	1986	1988	1988

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1964 - 2001

ANNUAL TOTAL	467413	390912	
ANNUAL MEAN	1277	1071	2467
HIGHEST ANNUAL MEAN			3605
LOWEST ANNUAL MEAN			1071
HIGHEST DAILY MEAN	8580	Mar 21	48400
LOWEST DAILY MEAN	625	Aug 24	368
ANNUAL SEVEN-DAY MINIMUM	650	Oct 16	384
MAXIMUM PEAK FLOW			14300
MAXIMUM PEAK STAGE			14.46
INSTANTANEOUS LOW FLOW			592
10 PERCENT EXCEEDS	2150		1560
50 PERCENT EXCEEDS	1100		893
90 PERCENT EXCEEDS	674		668

e Estimated.
* See REMARKS.

02115360 YADKIN RIVER AT ENON, NC--Continued

