

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.

WATER-DISCHARGE RECORDS

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 NGVD of 1929. 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 poor. Some regulation by W. Kerr Scott Reservoir (station 02111391).

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 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	612	606	656	824	1380	954	2040	960	740	507	465	613
2	615	611	748	804	1300	987	1800	995	704	515	441	565
3	604	620	695	835	1190	e1800	1580	1200	628	485	419	503
4	581	621	651	841	1140	e1750	1480	1110	587	515	410	448
5	575	619	633	778	1100	e1320	1440	1060	555	668	400	e600
6	571	602	629	870	1090	1210	1430	1060	568	543	365	477
7	562	591	625	1140	1450	1160	1350	987	633	467	334	391
8	558	591	625	1050	2020	1130	1320	1070	652	420	314	352
9	547	595	632	914	1730	1100	1320	1030	597	388	293	337
10	541	596	666	878	1550	1090	1420	1020	541	396	283	324
11	552	592	1890	868	1560	1050	1500	925	526	958	282	312
12	562	599	1920	855	1470	1050	1410	925	505	755	326	284
13	577	592	1170	836	1370	1240	1430	933	490	518	324	266
14	604	589	1170	822	1300	1520	1500	1090	498	521	306	264
15	1250	594	1110	804	1230	1450	1460	1120	539	555	305	379
16	1080	602	950	811	1210	1490	1460	904	536	948	452	690
17	739	592	900	805	1180	2090	1360	859	481	630	410	1040
18	655	589	1610	802	1110	5780	1380	857	460	492	449	945
19	644	593	1560	904	1080	3920	1440	1120	440	435	453	3050
20	646	593	e1130	1930	1090	3140	1340	901	430	405	427	1610
21	626	576	977	1760	1100	2710	1280	828	420	390	352	899
22	624	569	892	1500	1080	2170	1230	811	392	384	326	687
23	619	569	857	1600	1040	1770	1170	801	381	367	319	881
24	610	620	1030	3160	1030	1680	1090	782	379	366	307	762
25	608	744	1160	3350	1020	1600	1050	768	382	634	290	632
26	596	808	1070	3070	1020	1540	1090	751	406	3540	669	807
27	578	797	993	2370	1010	2100	1040	733	561	2160	574	2180
28	573	668	982	1840	976	1910	1030	755	699	996	571	3390
29	590	632	959	1630	---	1690	1040	854	860	707	555	1720
30	596	633	866	1480	---	1680	1010	735	613	589	497	1130
31	602	---	839	1420	---	1830	---	718	---	512	644	---
TOTAL	19697	18603	30595	41551	34826	55911	40490	28662	16203	21766	12562	26538
MEAN	635.4	620.1	986.9	1340	1244	1804	1350	924.6	540.1	702.1	405.2	884.6
MAX	1250	808	1920	3350	2020	5780	2040	1200	860	3540	669	3390
MIN	541	569	625	778	976	954	1010	718	379	366	282	264

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2002, BY WATER YEAR (WY)

	1964	1978	2237	2746	2891	3469	3267	2735	2388	1872	1926	1718
MEAN	1964	1978	2237	2746	2891	3469	3267	2735	2388	1872	1926	1718
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	635	620	841	1051	1023	1443	1350	925	540	654	405	815
(WY)	2002	2002	2001	1981	2001	1981	2002	2002	2002	1986	2002	1988

SUMMARY STATISTICS FOR 2001 CALENDAR YEAR FOR 2002 WATER YEAR WATER YEARS 1964 - 2002

ANNUAL TOTAL	389642	347404	
ANNUAL MEAN	1068	951.8	2427
HIGHEST ANNUAL MEAN			3605
LOWEST ANNUAL MEAN			952
HIGHEST DAILY MEAN	9690	Mar 30	5780
LOWEST DAILY MEAN	541	Oct 10	264
ANNUAL SEVEN-DAY MINIMUM	556	Oct 6	303
MAXIMUM PEAK FLOW			7030
MAXIMUM PEAK STAGE			9.26
INSTANTANEOUS LOW FLOW			247
10 PERCENT EXCEEDS	1600		1610
50 PERCENT EXCEEDS	912		802
90 PERCENT EXCEEDS	604		406

e Estimated.

02115360 YADKIN RIVER AT ENON, NC--Continued

