

PEE DEE RIVER BASIN

02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC

LOCATION.--Lat 34°36'22'', long 79°47'19'', Marlboro County, Hydrologic Unit 03040201, inside the intake structure at Willamette Industries, 8.5 mi west of Bennettsville, and at mile 153.0.

DRAINAGE AREA.--7,600 mi², approximately.

PERIOD OF RECORD.--November 1990 to current year.

GAGE.--Data collection platform. Datum of gage is sea level (levels by Willamette Industries).

REMARKS.--No estimated daily discharges. Records poor. Flow regulated by powerplants above station (combined usable capacity of reservoirs, 30,819,624,000 ft³/s).

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35500	1090	5860	5030	31800	7260	8550	4570	2000	1320	2180	2240
2	17600	3240	3450	2570	31100	8610	4120	6140	4360	811	2820	1990
3	7160	2940	1990	1930	26100	7820	4210	6080	3880	702	2800	5770
4	5940	4050	3340	4040	21300	7160	6870	6840	925	540	3180	5860
5	3240	3580	1550	4650	18900	4950	7230	5240	674	1590	4070	7940
6	2590	3540	1380	4020	16400	4090	7660	6030	2530	3190	4730	6960
7	4870	1100	2130	4390	13700	6750	7600	5530	3200	3240	3300	5370
8	4870	988	3490	3840	12700	6690	7000	4290	1710	2980	4090	3500
9	5050	1480	3830	2200	12500	6760	5150	4900	4750	665	2640	3620
10	4250	2070	3170	2910	12300	6440	5590	6370	4490	445	2750	1560
11	2730	2460	3020	12000	12100	5510	9400	4860	3070	2980	2560	1640
12	23100	2240	1080	16700	12000	3920	10400	4910	2170	2890	1940	2280
13	20600	2380	885	12100	14700	3310	10400	5030	3720	3000	1640	2280
14	12900	1280	1550	9340	18800	5330	10400	3510	1580	915	966	2460
15	11900	1110	4870	7120	28700	5200	10400	1240	3010	3950	1070	2390
16	10500	2540	6690	2720	28400	4880	7490	3010	1400	966	1990	2210
17	7580	3020	6260	2650	20200	5780	7090	2390	1790	686	2490	1350
18	8010	2480	3650	6160	15500	7720	7410	2440	2060	1550	2430	1030
19	7140	2090	1880	7040	13600	10900	11400	4390	2230	2630	3070	1070
20	6210	2590	2290	4680	12600	10900	13200	4780	2300	2450	1810	2500
21	6420	671	4800	5710	11700	10900	11900	3340	1860	2360	1990	2730
22	7720	1020	5260	6860	9300	11900	10700	1130	2650	2200	1340	3210
23	7540	3350	5880	4430	9460	12400	4540	2610	1610	983	868	7760
24	3910	2800	5140	9240	10300	11100	2880	1560	2080	909	1560	15000
25	2890	3040	2420	14900	11000	9500	8150	4410	2350	2670	1830	13500
26	5300	1300	2140	18900	10200	6600	9780	3970	1580	1840	2460	9720
27	3980	6500	1990	24600	5710	5640	8820	2060	2220	3440	925	6610
28	4000	2840	3480	19800	4550	8670	9350	2550	2470	4000	754	5190
29	3710	3590	4300	15000	7270	9570	9850	1130	3190	3600	2810	3710
30	1940	5150	4230	10300	---	10100	7230	914	864	2180	2800	2340
31	800	---	4490	14900	---	10100	---	785	---	1240	2840	---
TOTAL	249950	76529	106495	260730	452890	236460	244770	117009	72723	62922	72703	133790
MEAN	8063	2551	3435	8411	15620	7628	8159	3774	2424	2030	2345	4460
MAX	35500	6500	6690	24600	31800	12400	13200	6840	4750	4000	4730	15000
MIN	800	671	885	1930	4550	3310	2880	785	674	445	754	1030
CFSM	1.06	.34	.45	1.11	2.05	1.00	1.07	.50	.32	.27	.31	.59
IN.	1.22	.37	.52	1.28	2.22	1.16	1.20	.57	.36	.31	.36	.65

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 2000, BY WATER YEAR (WY)

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000		
MEAN	6010	6482	6645	15290	14820	17830	13430	7497	5798	5180	5245	4627
MAX	15040	18640	11850	27660	26260	35610	24740	13350	12250	11630	11400	9718
(WY)	1996	1996	1997	1998	1998	1993	1991	1997	1992	1997	1994	1996
MIN	2202	2449	3435	5732	6597	6021	3420	3774	1995	2030	1256	2205
(WY)	1994	1992	2000	1992	1993	1999	1995	2000	1999	2000	1999	1993

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SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1991 - 2000	
ANNUAL TOTAL	1827968		2086971		8728	
ANNUAL MEAN	5008		5702		11830	
HIGHEST ANNUAL MEAN					4706	
LOWEST ANNUAL MEAN					77400	
HIGHEST DAILY MEAN	47400	Jan 26	35500	Oct 1	1998	
LOWEST DAILY MEAN	315	Aug 7	445	Jul 10	1999	
ANNUAL SEVEN-DAY MINIMUM	885	Aug 5	1290	Jun 29	Feb 19 1995	
INSTANTANEOUS PEAK FLOW			42700	Oct 1	Aug 7 1999	
INSTANTANEOUS PEAK STAGE			79.87	Oct 1	Nov 24 1991	
ANNUAL RUNOFF (CFSM)	.66		.75		a 87.51	
ANNUAL RUNOFF (INCHES)	8.95		10.22		1.15	
10 PERCENT EXCEEDS	9980		12000		15.60	
50 PERCENT EXCEEDS	3250		3960			
90 PERCENT EXCEEDS	899		1290			

a From discharge measurement made prior to gage installation.

