

PEE DEE RIVER BASIN

02130561 PEE DEE RIVER NEAR BENNETTSTVILLE, SC

LOCATION.--Lat 34°36'22'', long 79°47'19'', Marlboro County, Hydrologic Unit 03040201, near 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.

REVISED RECORDS.--WRD SC-2004-1:1991-2003.

GAGE.--Data collection platform. Datum of gage is NGVD of 1929 (levels by Willamette Industries).

REMARKS.--Records fair except for estimated daily discharges, which are poor. Records for 1991 to 2000 are rated 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 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	63400	2270	7350	6540	8620	16000	26700	5220	2380	7600	11700	4570
2	43900	4510	7280	6180	9580	19700	19900	5280	4330	7000	13200	4020
3	24500	3850	7420	6640	9680	14700	16400	4730	11300	4300	11900	3640
4	17100	3750	7540	6890	10100	13000	14400	4850	12100	3510	9780	1390
5	13400	5180	7020	7500	9130	12200	12500	5570	8330	e3000	8400	1090
6	8230	5430	3980	7960	7690	10600	10300	5420	4880	e7000	4890	1020
7	7830	3290	1300	7280	6030	9910	9440	5060	2530	8180	1970	2350
8	6080	2560	1300	2270	7290	9710	9180	3640	5610	9000	2330	2050
9	4910	2470	469	869	8270	9690	10400	2680	6510	11400	5770	2070
10	2280	2840	9300	752	8730	9890	10900	5240	6680	19300	6930	3680
11	1900	6250	11200	1340	7340	11800	11800	6520	6460	13700	8400	1140
12	4180	5390	20700	5540	3720	10700	10800	6680	4140	10500	8920	960
13	5190	1500	22000	6450	3310	9900	10100	4280	1310	9360	6140	3210
14	6180	1170	11200	9180	3320	9050	15600	e1700	5610	5470	4780	3040
15	6490	3020	5910	24600	7980	8960	26100	e970	5340	e6000	5500	3100
16	5040	2840	7020	25100	8380	9520	20900	e1740	4830	6240	6290	3100
17	5570	4610	7660	17700	9100	13400	14400	3710	5700	4890	7200	2760
18	4240	4430	6640	13800	8660	24300	10900	2750	3050	4070	7120	2400
19	4530	4180	5550	12200	3600	18600	9250	3920	535	6150	7770	920
20	5240	4170	5640	11600	6010	11800	8410	3750	1620	5980	5880	693
21	4780	5530	6490	10200	9180	9140	6190	4560	1730	5700	3380	2590
22	3790	4710	6520	9910	7610	8500	7180	2410	3680	5840	4450	3000
23	4210	4430	6560	9790	8310	8960	5070	4180	3460	6210	5350	2420
24	1670	5610	6800	9800	7660	10000	1280	4780	2950	4520	5570	2560
25	1830	6880	7460	9720	9660	10100	1650	4100	2030	3590	5900	884
26	3720	6880	7950	9130	9400	9750	4700	3230	945	5660	5070	705
27	3790	6730	8520	5710	5160	6920	4550	2090	1260	6070	4510	1520
28	4260	6740	8450	7850	7220	7230	5290	1710	3920	5520	2690	997
29	2560	7190	7910	8430	---	19500	5780	604	7130	4860	3180	1700
30	3860	7320	6320	7380	---	39800	6250	446	9510	5830	4180	2180
31	853	---	6040	7160	---	38400	---	490	---	5760	5570	---
TOTAL	275513	135730	235499	275471	210740	421730	326320	112310	139860	212210	194720	65759
MEAN	8888	4524	7597	8886	7526	13600	10880	3623	4662	6845	6281	2192
MAX	63400	7320	22000	25100	10100	39800	26700	6680	12100	19300	13200	4570
MIN	853	1170	469	752	3310	6920	1280	446	535	3000	1970	693
CFSM	1.17	0.60	1.00	1.17	0.99	1.79	1.43	0.48	0.61	0.90	0.83	0.29
IN.	1.35	0.66	1.15	1.35	1.03	2.06	1.60	0.55	0.68	1.04	0.95	0.32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 2005, BY WATER YEAR (WY)

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	4956	5291	6598	11330	11650	14930	11870	6753	5896	4952	4967	5041			
MAX	12680	15270	13590	26800	25820	35510	29110	16490	19430	11530	13660	19000			
(WY)	1996	1996	2003	1998	1998	1993	2003	2003	2003	2003	2003	2004			
MIN	623	537	1549	2723	3187	3836	2730	1479	1561	1440	968	1418			
(WY)	2002	2002	2002	2001	2001	2002	2002	2002	2002	2002	2002	2002			

02130561 PEE DEE RIVER NEAR BENNETTSVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1991 - 2005	
ANNUAL TOTAL	2536302		2605862		7657	
ANNUAL MEAN	6930		7139		14570	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	69700	Sep 10	63400	Oct 1	118000	Apr 12 2003
LOWEST DAILY MEAN	469	Dec 9	446	May 30	48	Jul 10 2000
ANNUAL SEVEN-DAY MINIMUM	1790	May 28	1510	Sep 24	484	Nov 16 2001
MAXIMUM PEAK FLOW			66100		124000	
MAXIMUM PEAK STAGE			85.65		89.94	
ANNUAL RUNOFF (CFSM)	0.912		0.939		1.01	
ANNUAL RUNOFF (INCHES)	12.41		12.76		13.69	
10 PERCENT EXCEEDS	10400		12000		15200	
50 PERCENT EXCEEDS	5420		5910		5140	
90 PERCENT EXCEEDS	2110		1740		1200	

e Estimated

