

PEE DEE RIVER BASIN

02135210 PEE DEE RIVER AT TOPSAW LANDING NEAR PLANTERSVILLE, SC

LOCATION.--Lat 33°36'27"', long 79°09'02"', Georgetown County, Hydrologic Unit 03040206, on right bank, 5 mi downstream from Yauhannah Lake Bridge, on Highway 701.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1989 to September 2000 (discontinued).

GAGE.--Data collection platform and Acoustic Velocity Meter. Datum of gage is 5.40 ft below sea level.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Discharges shown are those confined to the main channel and does not include discharges in the flood plain when bankfull capacity is exceeded. Discharge records for the 1990-94 water years were computed by utilization of a One-Dimensional unsteady flow simulation model (BRANCH) and are considered poor.

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	12200	11200	2960	3520	14600	9580	8250	4890	763	1270	e1440	993
2	12700	9890	2970	3630	15600	8830	8080	4980	677	1000	1410	1450
3	13100	9180	3480	3760	16300	7620	7890	4350	457	914	1640	1830
4	13400	7860	3510	3390	16600	7310	7670	3970	1520	1050	1980	2070
5	13600	7220	2710	3070	16600	7050	6720	3840	1800	1130	2050	2660
6	13400	6800	2640	2500	16600	6730	5740	3670	2370	759	1860	3440
7	13300	6310	2180	3520	16600	6180	5350	3660	1440	684	2450	4150
8	13000	5740	1950	3560	16700	5610	5290	3420	1250	1000	2950	4990
9	12400	5240	1890	3640	16500	5050	5220	3280	1710	1530	2580	5190
10	11600	4560	2160	3870	16400	5030	4840	2750	1640	1780	2520	4960
11	10500	3690	2230	3260	16000	4850	4520	2470	1900	1240	2220	4390
12	9480	3610	2410	3010	15600	5270	4150	2680	2270	289	2360	3790
13	8470	3600	2340	4110	14800	4690	3970	2990	1970	796	2160	2950
14	8630	3530	2290	4820	14300	4340	4330	2430	1470	1610	2030	3110
15	8530	3360	1740	5230	13800	4070	4980	2470	1520	1660	1310	3340
16	8720	3050	1710	5840	13100	3920	5410	2200	1560	1320	1420	3890
17	9290	2630	2210	5730	12600	4800	5130	1640	1600	1370	1610	3910
18	11700	2590	2980	5760	12100	4570	5500	1230	1320	925	1040	3590
19	12400	2690	3850	5950	12000	5210	5350	1360	1130	1040	1620	4660
20	13200	2720	4660	5900	12000	5610	4980	1180	1070	1010	1080	3290
21	13800	2410	4160	5870	11800	7360	5290	1430	1180	1030	1520	2710
22	14200	2290	3730	5810	11900	8230	5740	2070	1540	1470	1040	2720
23	15100	2160	4140	5970	12000	8610	5690	1710	1330	1620	1190	3530
24	15800	1880	4630	6320	12200	8970	5730	1430	1390	1520	979	4210
25	16200	2270	4760	7210	12100	9700	5960	932	1280	1330	733	5240
26	16300	2560	4990	8000	11800	10300	5170	1080	1500	1380	459	6670
27	15900	3070	4380	8510	11400	10100	4440	1230	1500	1060	808	7170
28	15100	2340	3960	9300	11100	10300	4590	1790	1180	989	1060	7600
29	14200	2890	3360	9990	10300	10200	4670	1370	1210	1560	1120	8200
30	13200	3360	3360	11300	---	9400	4880	1110	899	e1500	1060	8840
31	12400	---	3610	13200	---	8700	---	1020	---	e1470	997	---
TOTAL	391820	130700	97950	175550	403400	218190	165530	74632	42446	37306	48696	125543
MEAN	12640	4357	3160	5663	13910	7038	5518	2407	1415	1203	1571	4185
MAX	16300	11200	4990	13200	16700	10300	8250	4980	2370	1780	2950	8840
MIN	8470	1880	1710	2500	10300	3920	3970	932	457	289	459	993

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2000, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
MEAN	6415	5137	5915	8642	11590	11110	8417	5765	3746	2440	3773	4306
MAX	12640	13060	10870	14640	23080	20840	23640	9470	7024	6296	7954	10030
(WY)	2000	1991	1993	1995	1998	1998	1993	1998	1992	1995	1991	1996
MIN	1584	1231	2444	5619	4753	4443	3071	1933	1378	1203	926	1507
(WY)	1999	1999	1999	1996	1992	1999	1995	1995	1999	2000	1999	1997

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SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1990 - 2000	
ANNUAL TOTAL	1822176		1911763		6263	
ANNUAL MEAN	4992		5223		8457	
HIGHEST ANNUAL MEAN					3736	
LOWEST ANNUAL MEAN					36600	
HIGHEST DAILY MEAN	16300	Oct 26	16700	Feb 8	Jan 22 1993	
LOWEST DAILY MEAN	362	Aug 10	289	Jul 12	Jul 12 2000	
ANNUAL SEVEN-DAY MINIMUM	643	Aug 8	888	Aug 24	Aug 8 1999	
INSTANTANEOUS PEAK STAGE			11.51	Oct 26	15.04	
10 PERCENT EXCEEDS	11700		12500		12900	
50 PERCENT EXCEEDS	3820		3710		5120	
90 PERCENT EXCEEDS	1070		1130		1460	

e Estimated

