

PEE DEE RIVER BASIN

02131010 PEE DEE RIVER BELOW PEE DEE, SC

LOCATION.--Lat 34°08'41"', long 79°32'43"', Florence County, Hydrologic Unit 03040201, on right bank at Stone Container boat landing, 1.5 mi east of Oak Grove, 5.2 mi downstream of U.S. Highway 76 and 301, and at mile 95.0.

DRAINAGE AREA.--8,850 mi², approximately.

PERIOD OF RECORD.--October 1996 to current year.

GAGE.--Data collection platform. Elevation of gage is 19 ft above mean sea level (from topographic map).

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by six powerplants above station (combined usable capacity of reservoirs, 30,819,624,000 ft³).

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	14900	2290	6170	5820	18200	7790	10300	8710	1350	e2100	2140	3380
2	16700	1940	6720	6030	18900	8070	9310	6720	2070	e1880	2450	2970
3	16900	3480	5360	4460	e20300	8760	6420	6850	4390	e1700	3150	2990
4	14900	3990	3740	3510	e21300	8640	5240	6920	4580	e1390	3440	6110
5	12100	4840	4350	4960	e21600	7990	6750	7310	2550	e1330	3720	8270
6	8920	4680	3180	5770	e21100	6500	7320	6650	1480	e2070	4560	10100
7	6000	4370	2610	5620	e20000	5530	7690	6720	2410	e3570	5270	10500
8	5720	2750	3030	5740	e18600	6850	7820	6440	3840	e3780	4680	9210
9	5530	1830	4300	5290	e17400	7180	7420	5520	2820	e3420	4750	7010
10	5330	2060	5000	4020	e16400	7220	6180	5660	4770	e1820	3820	5730
11	4580	2750	4610	5040	15700	7060	6080	6630	5220	e1270	3450	3890
12	4160	3140	4080	11100	14900	6310	8170	5990	4170	2670	3170	2930
13	11700	3190	2710	13500	14200	5020	9510	5670	3230	3600	2570	3120
14	13700	3130	2050	13600	14700	4440	10000	5600	3970	3650	2160	3100
15	13600	2390	2520	12800	15900	5380	10300	4470	3000	2320	1600	3160
16	13400	1950	5410	11200	17300	5880	10300	2550	3380	3830	1300	3010
17	13000	2870	7340	7470	18400	5840	9090	2910	2720	2740	1890	2780
18	12700	3750	7540	5500	18900	6150	8320	3110	2500	1670	2610	2190
19	12600	3540	5940	7410	18800	7660	8600	3040	2830	1890	2700	1850
20	12400	3090	4070	8500	18100	10000	10900	4500	3010	2970	3150	1770
21	11600	3400	3970	7230	17100	11200	12200	5200	3020	3060	2520	2660
22	10800	2130	5950	7390	15900	11800	12200	4200	2690	2940	2270	3370
23	10500	1690	6780	8490	14100	12400	11500	2400	3030	2760	1670	4700
24	9880	3530	7290	8090	12800	12600	8040	2570	e2550	1940	1380	9110
25	7370	3980	6760	11700	12300	12300	5090	2410	e2750	1610	1460	13200
26	5450	4040	4730	15200	12200	11400	7500	4400	e2980	2800	1990	13900
27	6120	3000	3710	16900	11500	9310	9340	4690	e2440	2770	2510	13000
28	5610	5970	3490	18000	8940	7760	9440	3310	e2830	3890	1870	11500
29	5360	5210	4660	18800	6930	8660	9820	3210	e3290	4530	1240	9550
30	5040	5000	5440	19000	---	9630	10200	2240	e3610	4300	2390	7050
31	3690	---	5620	18400	---	10200	---	1620	---	3150	3190	---
TOTAL	300260	99980	149130	296540	472470	255530	261050	148220	93480	83420	85070	182110
MEAN	9686	3333	4811	9566	16290	8243	8702	4781	3116	2691	2744	6070
MAX	16900	5970	7540	19000	21600	12600	12200	8710	5220	4530	5270	13900
MIN	3690	1690	2050	3510	6930	4440	5090	1620	1350	1270	1240	1770
CFSM	1.09	.38	.54	1.08	1.84	.93	.98	.54	.35	.30	.31	.69
IN.	1.26	.42	.63	1.25	1.99	1.07	1.10	.62	.39	.35	.36	.77

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2000, BY WATER YEAR (WY)

MEAN	6580	5010	7666	13400	18370	13890	10490	9882	4375	4235	3738	4485
MAX	9686	7349	12270	22580	30550	24650	18510	13480	6217	7472	6301	6070
(WY)	2000	1998	1997	1998	1998	1998	1998	1997	1998	1997	1997	2000
MIN	3593	2934	4811	9566	10830	7066	4680	4781	2661	2691	1919	2987
(WY)	1999	1999	2000	2000	1999	1999	1999	2000	1999	2000	1999	1997

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SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1997 - 2000	
ANNUAL TOTAL	2126912		2427260		8463	
ANNUAL MEAN	5827		6632		12280	
HIGHEST ANNUAL MEAN					5299	
LOWEST ANNUAL MEAN					1999	
HIGHEST DAILY MEAN	21800	Jan 30	e 21600	Feb 5	44100	Mar 25 1998
LOWEST DAILY MEAN	764	Aug 10	1240	Aug 29	764	Aug 10 1999
ANNUAL SEVEN-DAY MINIMUM	1470	Aug 6	1730	Aug 23	1470	Aug 6 1999
INSTANTANEOUS PEAK FLOW			21900		44300	
INSTANTANEOUS PEAK STAGE			27.84		30.89	
ANNUAL RUNOFF (CFSM)	.66		.75		.96	
ANNUAL RUNOFF (INCHES)	8.94		10.20		12.99	
10 PERCENT EXCEEDS	12300		13600		17700	
50 PERCENT EXCEEDS	4520		5230		5840	
90 PERCENT EXCEEDS	1850		2180		2150	

e Estimated

