

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 NGVD of 1929 (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 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10900	10500	7650	9030	5880	12400	6830	e6500	990	6400	e6610	11100
2	9540	7800	7030	9370	4570	12700	7260	6420	1270	6240	e5740	13100
3	8120	4520	8580	9090	3920	13300	6920	4830	2680	5230	5040	13100
4	5810	3150	9330	8200	3920	14000	4980	6940	2980	6810	4620	12100
5	3130	4080	10100	5490	4990	14100	3010	9610	3060	6150	4710	9950
6	2050	5460	10400	4190	7630	13800	3040	e9490	3350	4670	6260	6450
7	1740	6590	10400	7900	9210	13100	5440	e9580	1960	4830	6080	4290
8	4300	6750	10900	9020	9930	11600	5510	e9220	1080	6300	4340	e7870
9	5690	6430	10900	8910	11700	10200	5340	e7580	3260	6720	2210	e17600
10	7440	4550	9770	8590	12300	9420	5990	e6330	4980	6070	1330	e20400
11	8100	3540	9110	8900	12300	9350	5240	e7840	4310	4800	5000	e22800
12	7430	5670	8250	7650	12400	8860	3830	e8600	4420	2670	5390	e25900
13	5630	6950	8710	7060	12500	8670	4730	e8840	4070	1600	4150	e31100
14	4550	7430	10100	7240	13100	8700	6680	e7500	2540	3660	7460	e37000
15	7860	8560	10700	7200	13700	7010	7690	e5650	1700	5070	9220	e37300
16	9090	7800	11500	7700	13800	5830	9020	2640	e1660	5950	10100	e34300
17	9020	4650	12300	8020	13700	7370	9660	1270	e3810	5370	10300	e35000
18	8570	3550	12500	7520	13700	7550	9780	987	e5530	4920	9050	31100
19	7380	7150	11900	5080	13700	7930	8250	2830	6350	2620	7440	27200
20	5270	9290	10600	3790	13200	8440	6800	4800	6090	1350	7030	24000
21	4890	11000	9060	6830	12700	7660	6030	6020	4710	2260	6840	20000
22	6660	12000	8850	7340	12200	5390	6540	6190	2680	3410	6260	17000
23	7430	12200	8330	7430	10700	4310	6880	5290	4840	4460	3980	15300
24	7780	10400	8550	8210	9910	6130	7040	2600	6910	5120	2280	13700
25	6820	8010	8940	8320	9300	7000	6370	2610	8570	4980	1690	12200
26	6070	7600	8520	7570	9310	7970	5140	4370	9310	2480	1910	10600
27	4970	7780	8140	7540	10100	7180	4030	4470	7330	1100	3000	9230
28	6130	8150	8370	8090	11100	5210	5770	4020	5440	1880	4150	10400
29	7560	8390	8020	8130	11900	3200	e7440	2730	6710	3360	4340	13400
30	9440	8680	8250	7500	---	3000	e7060	2740	7170	e6000	3360	17000
31	10400	---	8600	7040	---	5150	---	1750	---	e8160	7860	---
TOTAL	209770	218630	294360	233950	303370	266530	188300	170247	129760	140640	167750	560490
MEAN	6767	7288	9495	7547	10460	8598	6277	5492	4325	4537	5411	18680
MAX	10900	12200	12500	9370	13800	14100	9780	9610	9310	8160	10300	37300
MIN	1740	3150	7030	3790	3920	3000	3010	987	990	1100	1330	4290
CFSM	0.76	0.82	1.07	0.85	1.18	0.97	0.71	0.62	0.49	0.51	0.61	2.11
IN.	0.88	0.92	1.24	0.98	1.28	1.12	0.79	0.72	0.55	0.59	0.71	2.36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2004, BY WATER YEAR (WY)

	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	5168	5224	7346	9910	13310	13540	11650	8312
MAX	9686	11170	13830	22580	30550	30570	32700	16720
(WY)	2000	2003	2003	1998	1998	2003	2003	2003
MIN	1068	778	1993	3575	4291	5747	4448	2357
(WY)	2002	2002	2002	2001	2001	2002	2001	2002

02131010 PEE DEE RIVER BELOW PEE DEE, SC--Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1997 - 2004	
ANNUAL TOTAL	5789530		2883797		8098	
ANNUAL MEAN	15860		7879		16390	
HIGHEST ANNUAL MEAN					2873	
LOWEST ANNUAL MEAN					2873	
HIGHEST DAILY MEAN	96600	Apr 16	e 37300	Sep 15	96600	Apr 16 2003
LOWEST DAILY MEAN	1740	Oct 7	987	May 18	671	Oct 30 2001
ANNUAL SEVEN-DAY MINIMUM	4310	Oct 4	2160	May 29	692	Nov 15 2001
MAXIMUM PEAK FLOW			37300		99000	
MAXIMUM PEAK STAGE			30.04		33.96	
ANNUAL RUNOFF (CFSM)	1.79		0.890		0.915	
ANNUAL RUNOFF (INCHES)	24.34		12.12		12.43	
10 PERCENT EXCEEDS	26900		12400		17700	
50 PERCENT EXCEEDS	13500		7250		5520	
90 PERCENT EXCEEDS	6140		3010		1680	

e Estimated

