

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 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1340	6850	4940	17700	6690	22700	26200	16200	28700	9340	11400	7880
2	1250	7560	3040	16800	8950	23800	23100	15600	26700	12100	11800	6310
3	1180	6950	2860	16600	8280	25100	21100	14800	24100	15700	13500	6720
4	1130	4340	6210	16600	6340	26200	19600	14000	21500	17500	14700	7870
5	1140	3140	7640	16100	6240	27100	18500	13900	19200	19300	14700	8620
6	1150	6050	8210	15100	5740	27500	17200	14700	18200	21100	15400	8900
7	1240	8060	10800	12800	4640	27200	16600	16100	18300	22000	16800	11400
8	1220	9130	13800	10300	7110	26800	16100	17400	18900	21200	17800	13400
9	1170	9920	13000	9750	10800	27300	16800	19000	19900	19800	18800	13700
10	1250	9300	10500	8900	12900	28500	18300	e20300	21600	19300	19300	13800
11	1390	6190	10200	7470	13200	29700	20700	e21400	23800	18600	19800	13700
12	1830	4080	11000	6190	12800	29900	24000	e20400	25900	17400	20600	13100
13	7360	6880	12200	5650	11600	28600	27500	e19000	27800	16500	21900	12200
14	12500	11900	14200	6010	10700	26100	45300	e17400	29000	16000	23200	10500
15	12700	15300	16400	6780	10700	22400	82700	15600	28700	16100	24100	7640
16	11800	15700	17500	6850	11000	19300	96600	14300	27000	16300	23900	4400
17	9900	15800	18700	6980	11700	17700	88100	12600	24700	16300	22600	5660
18	9280	16000	19500	7820	13500	17700	69200	10600	e22800	16000	21400	8060
19	10000	17000	19400	e7590	15100	18700	52100	8230	e23200	15900	20500	7870
20	9540	17900	18400	e5360	15500	e21000	40300	5800	23700	15800	19600	7660
21	7590	18600	17300	e5070	15400	e22500	33200	6150	25000	16200	18500	7890
22	5250	18500	16600	4860	15100	e23900	30000	9450	26100	16300	17200	6360
23	3290	17700	16000	5980	14800	e25500	28400	11600	26900	16000	16100	4750
24	3690	16800	15300	6750	16100	e28900	27500	15700	26900	15500	15000	6330
25	6200	15400	14800	8080	17500	44900	26000	17400	25400	15000	12400	10200
26	5640	13600	15800	8830	18900	64900	23100	19300	22400	14500	10200	14500
27	4860	11100	17200	7820	20600	68100	20200	22000	19400	14100	9960	15200
28	3630	10200	18600	7230	21900	58300	18500	24600	17400	13500	10200	14700
29	2080	8920	19700	7920	---	47700	17400	26700	15200	12800	10200	13500
30	3710	6210	19900	5490	---	38300	16800	28500	11800	12100	10300	12100
31	5740	---	19000	4100	---	31300	---	29500	---	11600	9750	---
TOTAL	150050	335080	428700	279480	343790	947600	981100	518230	690200	499840	511610	294920
MEAN	4840	11170	13830	9015	12280	30570	32700	16720	23010	16120	16500	9831
MAX	12700	18600	19900	17700	21900	68100	96600	29500	29000	22000	24100	15200
MIN	1130	3140	2860	4100	4640	17700	16100	5800	11800	9340	9750	4400
CFSM	0.55	1.26	1.56	1.02	1.39	3.45	3.70	1.89	2.60	1.82	1.86	1.11
IN.	0.63	1.41	1.80	1.17	1.45	3.98	4.12	2.18	2.90	2.10	2.15	1.24

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2003, BY WATER YEAR (WY)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
MEAN	4940	4929	7039	10250	13730	14250	12420	8715	6603	5397	4985	4688
MAX	9686	11170	13830	22580	30550	30570	32700	16720	23010	16120	16500	9831
(WY)	2000	2003	2003	1998	1998	2003	2003	2003	2003	2003	2003	2003
MIN	1068	778	1993	3575	4291	5747	4448	2357	2096	1760	1136	1832
(WY)	2002	2002	2002	2001	2001	2002	2002	2001	2002	2002	2002	2002

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SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1997 - 2003	
ANNUAL TOTAL	1844288		5980600		8130	
ANNUAL MEAN	5053		16390		16390	
HIGHEST ANNUAL MEAN					2003	
LOWEST ANNUAL MEAN					2873	
HIGHEST DAILY MEAN	19900	Dec 30	96600	Apr 16	96600	Apr 16 2003
LOWEST DAILY MEAN	730	Jun 19	1130	Oct 4	671	Oct 30 2001
ANNUAL SEVEN-DAY MINIMUM	977	Aug 7	1180	Oct 3	692	Nov 15 2001
MAXIMUM PEAK FLOW			99000		99000	
MAXIMUM PEAK STAGE			33.96		33.96	
ANNUAL RUNOFF (CFSM)	0.57		1.85		0.92	
ANNUAL RUNOFF (INCHES)	7.75		25.14		12.48	
10 PERCENT EXCEEDS	12600		26900		18400	
50 PERCENT EXCEEDS	3090		15400		5110	
90 PERCENT EXCEEDS	1080		5710		1620	

e Estimated

