

02131000 PEE DEE RIVER AT PEE DEE, SC

LOCATION.--Lat 34°12'15'', long 79°32'55'', Marion County, Hydrologic Unit 03040201, at downstream side of downstream bridge on U.S. Highway 76 at Pee Dee, 0.2 mi downstream from Seaboard Coast Line Railroad bridge, 8.2 mi downstream from Black Creek, and at mile 100.2

DRAINAGE AREA.--8,830 mi², approximately.

PERIOD OF RECORD.--October 1938 to current year. Monthly discharge only for some periods, published in WSP 1303. Prior to October 1947, published as near Mars Bluff. Gage-height records collected at practically same site since 1923 are contained in reports of National Weather Service.

GAGE.--Data collection platform. Datum of gage is 24.73 ft above NGVD of 1929. Prior to Oct. 1, 1947, at site 1.6 mi downstream at datum 1.27 ft lower.

REMARKS.--Records poor 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 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20200	3300	10500	8190	8700	9420	19100	7950	1800	11600	7170	5510
2	22600	3880	10500	8200	9680	14500	20800	7320	3360	11400	11300	4940
3	25600	6260	10400	7990	10700	16500	22100	7040	6480	10600	13100	4200
4	29500	5840	10500	8160	11400	16400	21800	6650	12600	8710	13100	3640
5	31400	5860	10500	8490	11900	16100	20400	6550	14300	7270	11900	e2080
6	29500	7120	9920	9000	11500	15500	18900	7070	13100	6290	10400	e1060
7	26100	7400	7070	9470	10100	14500	17300	7190	10000	8890	7270	e930
8	22700	5810	3870	8650	8590	13400	15800	6800	6760	10500	3820	e1500
9	19400	4490	2920	4960	8770	12700	14600	5440	7800	11200	3050	1930
10	16600	4070	2590	2370	9560	12200	14000	4360	9110	13400	5790	2080
11	12700	4680	9260	1650	10200	12100	13800	6350	9650	16200	7340	3060
12	9800	7630	12500	2110	8940	12700	13800	7920	9440	15800	8820	e1700
13	9300	7350	16500	5500	5960	12500	13600	8530	7120	14500	9420	e900
14	9470	4240	17900	7220	4380	11900	13500	6660	4380	12800	7660	e2200
15	10100	2960	16900	10900	4430	11100	15300	3420	6990	9390	5860	2960
16	10400	4130	14100	16800	7890	10800	17200	2080	7610	8250	6000	2970
17	9260	4740	12300	18500	9230	11400	18000	2530	7250	7440	6640	2990
18	9010	6240	11300	18900	10000	14300	18200	4500	7590	6000	7700	2760
19	7800	6380	9820	18700	9400	17000	17500	4220	5460	5150	8860	2370
20	7530	5980	8250	17800	5730	17500	16100	5120	2750	6480	9320	e1400
21	8050	6150	7530	16600	6490	16900	14700	5380	2570	6850	7640	854
22	7770	7180	7800	15300	9130	15400	12600	5710	3160	6670	5260	2100
23	6840	7050	7960	14000	8930	13900	11500	4510	4710	6730	5330	2920
24	6460	6990	8050	13000	9270	13000	8920	5420	4990	6810	5990	2700
25	4330	8180	8260	12400	9470	12700	4890	6290	4260	5480	6340	2590
26	3830	9450	8950	11900	10700	12400	3540	5790	3340	4440	6580	1470
27	5560	9830	9720	11000	10600	11900	5800	4630	2350	5730	5860	982
28	5990	9970	10400	8610	8300	10200	6210	3490	2670	6370	4870	1310
29	6190	9960	10700	8780	---	10100	6820	2890	5360	5960	3330	e1450
30	5230	10200	10300	9390	---	15100	7420	2110	9040	5550	3240	1600
31	5540	---	9000	8970	---	17700	---	1710	---	6310	4210	---
TOTAL	404760	193320	306270	323510	249950	421820	424200	165630	196000	268770	223170	69156
MEAN	13060	6444	9880	10440	8927	13610	14140	5343	6533	8670	7199	2305
MAX	31400	10200	17900	18900	11900	17700	22100	8530	14300	16200	13100	5510
MIN	3830	2960	2590	1650	4380	9420	3540	1710	1800	4440	3050	854
CFSM	1.48	0.73	1.12	1.18	1.01	1.54	1.60	0.61	0.74	0.98	0.82	0.26
IN.	1.71	0.81	1.29	1.36	1.05	1.78	1.79	0.70	0.83	1.13	0.94	0.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2005, BY WATER YEAR (WY)

	MEAN	MAX	MIN	(WY)
MEAN	6697	6636	8817	12530
MAX	29150	18760	22710	26840
(WY)	1965	1948	1949	1993
MIN	984	773	1916	3268
(WY)	2002	2002	2002	1956

PEE DEE RIVER BASIN

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SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1939 - 2005	
ANNUAL TOTAL	3030050		3246556		9756	
ANNUAL MEAN	8279		8895		16470	
HIGHEST ANNUAL MEAN					2778	
LOWEST ANNUAL MEAN					217000	
HIGHEST DAILY MEAN	37400	Sep 14	31400	Oct 5	217000	Sep 22 1945
LOWEST DAILY MEAN	1260	Jun 1	854	Sep 21	664	Oct 30 2001
ANNUAL SEVEN-DAY MINIMUM	2380	May 29	1730	Sep 7	701	Nov 15 2001
MAXIMUM PEAK FLOW			31600		Oct 5	a 220000
MAXIMUM PEAK STAGE			23.77		Oct 5	b 33.30
ANNUAL RUNOFF (CFSM)	0.938		1.01		1.10	
ANNUAL RUNOFF (INCHES)	12.77		13.68		15.01	
10 PERCENT EXCEEDS	14300		16300		19900	
50 PERCENT EXCEEDS	6920		7990		6990	
90 PERCENT EXCEEDS	3180		2920		2860	

a From rating curve extended above 76,000 ft³/s on basis of discharge measurement of 221,000 ft³/s at Cheraw.

b At datum then in use.

e Estimated

