

PEE DEE RIVER BASIN

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC

LOCATION.--Lat 33°39'39'', long 79°09'17'', Horry County, Hydrologic Unit 03040201, on north bank of the Pee Dee River at Highway 701, 12.5 mi southwest of Myrtle Beach, 13.0 mi south of Conway, and 3.0 mi south of the mouth of Little Pee Dee River.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 2001 to current year.

GAGE.--Data collection platform and Acoustic Velocity Meter. Datum of gage is 7.92 ft below NGVD of 1929.

REMARKS.--This site is strongly affected by astronomical tides. The astronomical tides occur at primary harmonic periods of 12.42 hours for semi-diurnal tides and 24.84 hours for diurnal tides. Previously published 24-hour daily mean discharge for this site may have been affected by aliasing due to tides and, thus, may contain spurious fluctuations or oscillations that were not indicative of net downstream discharge.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 86,800 ft<sup>3</sup>/s, Apr. 21, 2003, maximum gage height, 19.54 ft, Apr. 21, 2003; minimum discharge, -8,750 ft<sup>3</sup>/s, July 10, 2002, minimum gage height, 5.67 ft, Dec. 22, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 86,800 ft<sup>3</sup>/s, Apr. 21, maximum gage height, 19.54 ft, Apr. 21; minimum discharge, -6,270 ft<sup>3</sup>/s, Oct. 3, minimum gage height, 7.44 ft, Oct. 3.

Discharge, cubic feet per second  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	8410	-4650	---	---	23200	14800	---	---	14200	2850	26100	22400
2	8790	-5220	---	---	20800	11100	---	---	---	---	27600	24400
3	---	---	---	---	---	---	---	---	---	---	28800	25700
4	8630	-5810	---	---	---	---	---	---	18100	8730	29800	26400
5	8360	-6190	---	---	---	---	---	---	17000	7630	31200	27800
6	8740	-5780	---	---	---	---	---	---	15500	5720	32300	29000
7	9030	-5960	---	---	17200	6870	---	---	15500	5900	33900	29100
8	9230	-5610	12700	2560	17800	8470	---	---	15400	4420	35500	31800
9	8620	-4780	14000	4150	18700	10600	---	---	16700	5690	37000	32900
10	8360	-5090	---	---	18700	11800	---	---	19800	8300	38100	34800
11	9410	-3590	14100	6260	19500	12600	25500	21400	20300	12600	38400	34900
12	8960	-4640	13600	3250	---	---	24100	19700	20800	13700	39900	36700
13	9660	-4090	---	---	---	---	22300	17100	20700	12900	41300	37300
14	10700	1270	---	---	---	---	20700	12800	21200	14300	42000	38200
15	10900	4920	---	---	---	---	18200	11300	21500	14100	44700	39600
16	12000	7690	17500	10900	---	---	17500	9170	21300	13200	45900	41500
17	13900	8690	18400	12500	---	---	18400	10500	21500	13700	45900	41600
18	14600	8560	20700	13800	---	---	18300	8370	21700	14300	45600	41200
19	14800	7160	20700	13500	---	---	18700	10200	21700	14900	43600	39100
20	---	---	21400	15400	---	---	18300	10400	22000	15500	42200	38100
21	---	---	21300	16200	---	---	16000	6910	21900	16800	41400	37500
22	---	---	22600	17600	---	---	15000	4500	21700	17700	41400	36400
23	---	---	23600	18700	---	---	15300	5720	23600	19400	39200	35400
24	---	---	23800	19800	---	---	15200	6270	23900	18700	38900	34900
25	---	---	24600	21200	---	---	15800	5600	23500	19900	41100	36400
26	---	---	---	---	---	---	16400	6350	23100	19300	42900	37700
27	---	---	---	---	---	---	---	---	23500	20000	49300	40500
28	---	---	25700	22500	---	---	---	---	24500	21700	56500	45400
29	---	---	25400	21800	---	---	15500	7000	---	---	64000	53700
30	---	---	24800	19800	---	---	16400	7390	---	---	69100	59200
31	---	---	---	---	---	---	---	---	---	---	74900	64400
MONTH	---	---	---	---	---	---	---	---	---	---	74900	22400

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Discharge, cubic feet per second  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	77100	67400	33900	29100	27500	22400	32400	28800	28300	25800	23700	19500
2	74600	64300	30900	26800	28800	24900	30800	28000	28300	25100	22200	17100
3	69200	57800	29100	25600	30100	25900	29500	25900	27300	24200	21300	14300
4	62200	51100	27400	24900	33100	27000	28200	25400	27000	23700	19800	11700
5	54200	42700	26700	23900	34300	29500	26500	23900	26300	23600	19000	10300
6	44900	36800	26000	23200	34200	30100	26100	23500	26800	23600	17900	10000
7	39100	33300	25600	23100	32500	29600	27800	24100	26900	23400	18000	10900
8	36600	30800	24500	21600	31900	28300	29800	25900	26900	23300	18000	11400
9	32900	29300	23900	20600	31600	27800	31000	27400	27000	23800	19300	12600
10	31700	28800	23500	20200	29800	27400	32300	28800	26600	23900	19600	13400
11	31400	27700	23200	20100	---	---	32600	29100	27900	24000	18900	14700
12	30800	27900	23700	20400	---	---	33600	29400	28300	24400	19200	15000
13	32800	28100	24200	21100	29400	26100	32500	29800	28800	25100	20000	15500
14	33700	29400	25700	22100	30500	26300	32400	28600	31000	26100	19900	15700
15	37900	31200	26200	23000	32200	27800	31600	28200	32100	28200	20100	15600
16	44300	35600	27400	23900	34900	28600	30300	27500	33600	29100	20000	14700
17	56900	43100	27300	24200	36200	31100	29600	27000	35000	30700	18100	11000
18	67800	53900	26600	23300	38600	33800	29300	25900	35100	31100	16400	9650
19	77700	64400	26300	22800	---	---	29100	26000	36100	32400	15700	6850
20	83800	71700	25600	21400	39400	35300	29200	26000	36300	32300	15400	6620
21	86800	77900	22900	18300	38400	34300	29500	26500	36000	32000	16100	6090
22	85300	76200	19000	13800	36900	33100	29600	26000	35900	31900	15500	6180
23	80900	70600	17800	11900	35300	31400	30000	27100	35100	31100	15900	5540
24	75800	62200	17700	11900	34900	31900	31400	27900	33800	30100	14500	2810
25	67800	57700	17600	11800	35200	31800	31200	28300	32100	29400	14700	4020
26	61900	52000	18300	12900	35400	32500	31600	27800	31300	28400	15700	5310
27	54200	46400	18900	14400	35500	32700	31300	28100	30400	27500	16400	8070
28	48800	40500	---	---	35400	32600	31900	28300	29700	26300	17300	10800
29	43600	35700	---	---	35100	31700	30700	27400	28800	24900	18200	13100
30	38600	32600	---	---	33400	31000	30000	27100	26900	23500	18500	14300
31	---	---	23700	19100	---	---	29200	26300	25400	21000	---	---
MONTH	86800	27700	---	---	---	---	33600	23500	36300	21000	23700	2810