Water-Data Report 2011

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC

Lower Pee Dee Basin
Lower Pee Dee Subbasin

LOCATION.--Lat 33°39′39″, long 79°09′17″ referenced to North American Datum of 1927, Horry County, SC, Hydrologic Unit 03040201, near the north bank of the Pee Dee River attached to an old bridge piling 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.--14,100 mi^2.

SURFACE-WATER 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.--Records fair. Astronomical tides cause significant cycles of approximately 24.8 hours at this site. Previously published 24-hour daily mean values may contain cycles that were a result of the 24-hour averaging and are unrelated to stream hydrology. October 2005 to current year, tidal effects were removed from unit value discharges using the Godin filter. Daily mean discharge computed from filtered values. Unit values available upon request.

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

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 23,000 ft^3/s, Oct. 7, maximum gage height, 13.35 ft, Oct. 7; minimum discharge, -7,310 ft^3/s, July 10, minimum gage height, 7.05 ft, Dec. 14.

02135200 PEE DEE RIVER AT HIGHWAY 701 NEAR BUCKSPORT, SC—Continued

DISCHARGE, TIDALLY FILTERED, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	13,700	9,420	5,650	7,310	5,710	6,330	12,300	8,750	7,440	2,250	---	2,590
2	15,800	9,130	7,300	7,250	6,260	5,940	13,000	8,300	7,610	2,820	---	2,620
3	17,400	8,630	8,270	6,460	6,470	6,570	13,400	7,180	7,570	2,650	---	2,620
4	18,800	8,170	8,190	5,790	6,830	7,790	14,200	6,640	7,580	2,200	---	2,530
5	19,800	8,150	7,530	5,640	9,080	8,720	15,200	6,650	7,000	1,700	3,420	2,500
6	20,700	8,270	6,370	6,030	11,500	8,930	15,700	7,680	5,450	1,830	3,760	2,580
7	21,500	8,020	6,320	7,280	12,900	8,410	15,700	9,060	5,060	2,490	4,040	2,890
8	21,100	7,770	6,850	8,090	14,500	7,570	15,600	9,990	5,360	3,500	3,980	3,210
9	19,200	7,630	7,210	7,570	15,200	7,710	14,900	9,880	5,280	3,760	3,410	3,270
10	16,500	7,230	7,320	6,850	15,600	9,710	14,200	8,310	5,030	2,850	2,760	2,760
11	13,700	6,490	7,190	6,960	16,400	12,000	14,100	6,540	4,900	2,410	2,840	2,950
12	11,900	5,950	7,140	7,460	16,800	13,100	14,300	7,150	4,560	2,630	3,030	3,300
13	10,400	5,810	6,240	7,380	16,500	14,200	14,100	8,300	3,980	3,350	3,220	2,840
14	9,130	5,440	4,470	8,020	15,800	14,500	13,600	9,200	4,050	3,610	3,300	2,190
15	8,890	4,830	4,610	8,630	14,300	14,500	13,200	9,720	4,940	3,780	2,990	1,890
16	8,710	4,220	7,190	8,510	13,000	15,200	12,700	9,490	5,350	3,910	2,680	1,660
17	8,400	4,320	8,690	7,240	12,400	15,700	12,700	8,570	4,880	3,920	2,510	1,690
18	7,920	4,370	8,610	6,280	12,100	15,700	12,300	7,650	4,120	3,500	2,770	1,600
19	7,150	5,190	7,880	6,380	11,800	15,700	11,900	8,070	3,350	2,910	2,980	1,390
20	6,370	6,100	6,020	6,680	11,000	15,400	11,800	9,310	2,340	2,320	3,100	1,580
21	6,010	5,980	4,690	6,870	10,600	15,500	11,900	10,300	1,680	2,010	3,100	1,770
22	5,950	5,420	4,150	6,600	10,300	15,300	12,000	10,200	2,570	2,620	2,790	1,720
23	5,920	4,590	4,080	6,790	9,270	14,000	12,900	8,930	3,960	3,150	1,850	1,890
24	5,950	3,760	3,800	6,830	8,750	11,900	13,100	7,370	4,430	3,400	2,320	1,840
25	5,820	4,060	3,840	6,430	8,680	9,740	12,400	6,150	4,300	3,580	3,010	2,390
26	5,350	4,900	4,640	6,530	8,260	9,090	11,500	6,360	3,750	2,920	3,080	3,930
27	4,980	4,690	5,860	6,330	7,810	8,980	10,800	6,780	3,370	2,180	3,890	5,510
28	5,280	4,040	5,400	5,560	7,390	9,320	10,600	6,920	3,390	2,210	3,510	6,710
29	5,690	3,540	5,860	5,470	---	10,100	10,000	7,200	2,980	3,080	3,230	7,190
30	6,730	3,890	7,090	5,960	---	10,900	9,220	7,550	2,110	3,740	3,030	7,050
31	8,640	---	7,530	5,910	---	11,600	---	7,700	---	4,110	2,770	---
Mean	11,080	6,000	6,322	6,809	11,260	11,290	12,980	8,126	4,613	2,948	---	2,955
Max	21,500	9,420	8,690	8,630	16,800	15,700	15,700	10,300	7,610	4,110	---	7,190
Min	4,980	3,540	3,800	5,470	5,710	5,940	9,220	6,150	1,680	1,700	---	1,390