

WACCAMAW RIVER BASIN

02110704 WACCAMAW RIVER AT CONWAY MARINA AT CONWAY, SC

LOCATION.--Lat 33°49'55'', long 79°02'28'', Horry County, Hydrologic Unit 03040206, on bulkhead of State Highway 501 Business bridge at Conway.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1994 to current year.

GAGE.--Data collection platform and Acoustic Velocity Meter. Datum of gage is 5.06 ft below NGVD of 1929. Prior to Oct. 5, 1999, at site 1,000 ft downstream, at same datum.

REMARKS.--Records good. 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. Daily mean discharges published for water years 1995-2001.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 24,100 ft³/s, Sep. 25-27, 1999, maximum gage height, 17.64 ft, Sep. 25-27, 1999; minimum discharge, unknown, minimum gage height, 4.15 ft, Aug. 27, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,780 ft³/s, Apr. 14, maximum gage height, 12.50 ft, Apr. 22; minimum discharge, -1,200 ft³/s, Nov. 7; minimum gage height, 5.33 ft, Feb. 5.

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	1920	60	1620	-873	1880	-293	2190	611	1810	-1000	2210	1220
2	1930	-222	1620	-729	1890	-393	2080	725	1800	-1050	2240	1440
3	1860	-666	1620	-755	1900	-355	2020	733	1750	-1070	2530	1850
4	1860	-830	1650	-986	1780	-479	2180	852	1600	-1060	2530	2000
5	1780	-836	1660	-1050	1820	-284	1940	919	1610	-1100	2590	2010
6	1860	-854	1740	-770	1840	-710	2060	1010	1550	-1100	2460	1970
7	1750	-900	1690	-1200	1720	-792	2330	517	1680	-995	2790	2130
8	1690	-739	1700	-789	1690	-863	2180	635	1700	-655	2790	2230
9	1570	-364	1730	-944	1660	-962	2060	466	1690	-804	2780	2330
10	1620	-461	1680	-996	1560	-575	2130	566	1770	-751	2910	2470
11	1510	2	1800	-829	1550	177	2090	300	1760	-615	2850	2310
12	1950	947	1810	-612	1970	-199	2190	524	1860	-454	2910	2360
13	1850	726	2080	229	1930	-444	2160	242	1810	-766	2820	2300
14	1670	620	2170	701	2300	981	1970	147	1820	-464	2790	2270
15	1570	562	1920	1150	2270	410	2000	131	1880	-567	2650	1990
16	1670	649	1850	1110	2230	649	2020	-109	1990	-439	3010	2430
17	1700	1190	1890	1110	2080	396	2180	146	2060	192	3170	2630
18	1680	995	2570	1190	2030	602	1880	-352	2090	384	3420	2710
19	1680	723	2290	1260	1930	592	2100	-180	2120	599	3360	2770
20	1770	338	2190	1220	1850	695	1830	-524	2090	621	4470	2790
21	1710	100	2210	1010	2190	153	1730	-874	2070	715	5460	3980
22	1670	-246	2310	1070	2070	-128	1770	-806	1990	814	5880	4830
23	1670	-534	2360	555	1920	-347	1900	-406	2440	1050	6230	5180
24	1650	-568	2130	510	1940	-90	1790	-746	2440	778	6330	5400
25	1690	-765	2130	244	2170	886	1800	-975	2440	830	6310	5420
26	1690	-864	2030	245	2290	317	1760	-978	2220	766	6480	5580
27	1650	-1080	2030	211	2050	570	1670	-886	2250	960	6490	5510
28	1630	-969	1970	193	2050	812	1640	-1070	2290	1330	6420	5560
29	1590	-1010	1890	384	2120	672	1700	-1020	---	---	6410	5550
30	1650	-851	1970	132	2090	439	1630	-1110	---	---	6260	5480
31	1610	-1010	---	---	2040	558	1720	-989	---	---	6090	5220
MONTH	1950	-1080	2570	-1200	2300	-962	2330	-1110	2440	-1100	6490	1220

