

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, -1,910 ft³/s, Dec. 30, 2001, minimum gage height, 4.15 ft, Aug. 27, 1998.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,380 ft³/s, Oct. 1, maximum gage height, 9.65 ft, Oct. 1; minimum discharge, -1,430 ft³/s, Nov. 26; minimum gage height, 5.49 ft, Dec. 12.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	3380	2730	1650	-1270	1750	-806	1850	-840	1770	116	2200	1210
2	3190	2700	1750	-1200	1640	-1110	1820	-808	1660	60	2200	37
3	3110	2710	1650	-1150	1700	-912	1830	-729	1610	139	1870	-424
4	3320	2830	1590	-1190	1730	-828	1830	-797	1740	415	1910	-486
5	3130	2710	1730	-1400	1670	-969	1810	-843	1850	354	1940	-428
6	3080	2600	1570	-1170	1620	-1020	1760	-976	1530	395	2010	-822
7	2960	2550	1570	-1220	1650	-1030	1850	-949	1590	437	2000	-545
8	2850	2330	1490	-1350	1810	-946	1970	-779	1600	358	2120	-324
9	2600	2290	1540	-1220	1840	-1090	2060	-537	1510	280	2000	-629
10	2460	2170	1700	-1180	1920	-1010	1830	-340	1640	515	2080	96
11	2330	1990	1640	-1160	1870	-1000	2030	-472	1910	192	1980	231
12	2120	1760	1770	-1170	1740	-1280	2040	-649	2040	212	1960	-275
13	2000	1500	1700	-1060	1840	-1110	1860	-897	1850	269	1970	-559
14	2030	1580	1650	-1270	1810	-1270	2110	-453	1870	115	1940	-363
15	1960	1390	1690	-1110	1750	-1110	2080	-164	1880	-291	1970	-295
16	1970	1390	1670	-1030	1810	-789	2090	59	1910	-783	1930	-73
17	2090	995	1690	-1130	1840	-672	---	---	1790	-654	1860	938
18	2050	592	1650	-1210	1810	-520	---	---	1810	-794	2040	1050
19	2080	443	1590	-1160	1760	-502	1790	-146	1780	-1010	1940	882
20	2010	40	1610	-1160	1830	-1120	1860	-35	1660	-1010	2110	971
21	1940	40	1640	-1160	1680	-1100	1880	-35	1730	-1070	2260	507
22	1640	121	1630	-1250	1740	-867	1670	193	1720	-1010	2190	576
23	1350	123	1690	-1010	1700	-974	---	---	1880	-865	1920	688
24	1300	123	1800	-993	1810	-942	---	---	1880	-601	2260	745
25	1230	143	1770	-955	1650	-855	1790	58	2100	-278	2050	745
26	1280	63	1640	-1430	1730	-369	1650	174	1780	-204	1850	829
27	1370	101	1670	-1250	1820	-221	1750	210	1680	98	1910	980
28	1520	-96	1810	-734	---	---	1680	195	1660	341	2170	1230
29	1620	-231	1710	-1130	1860	-445	1780	155	---	---	2710	2070
30	1720	-357	1690	-901	1760	-751	1660	178	---	---	2820	1940
31	1780	-828	---	---	1860	-806	1710	192	---	---	2810	2010
MONTH	3380	-828	1810	-1430	---	---	---	---	2100	-1070	2820	-822

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Discharge, cubic feet per second
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	2730	2010	1830	-1070	1910	-54	2000	-991	2310	-199	2050	-586
2	2730	1890	1740	-1180	1940	352	1950	-991	2540	559	1890	-553
3	3150	2260	1710	-1020	2180	-17	1890	-703	2320	756	1900	-616
4	2920	1940	1780	-813	2160	235	2210	117	2240	21	1830	-557
5	2690	1970	1650	-707	2340	1160	2210	642	1950	-425	1770	-369
6	2760	2010	1690	-988	2340	1400	2320	436	1850	-425	1510	-93
7	2670	2070	1790	-1000	2380	1380	2130	114	1830	-557	1460	-37
8	2670	2070	1780	-701	2330	1190	---	---	1780	-224	1700	-171
9	2600	1980	2040	-577	2250	980	---	---	2130	470	1780	-396
10	2440	1850	1990	-481	2390	1110	---	---	2330	922	1560	-643
11	2310	1780	1970	-519	2400	1050	---	---	2370	1040	1640	-889
12	2270	1900	2050	-582	2330	1110	---	---	2320	894	1650	-912
13	2430	1830	---	---	2490	1150	1720	-978	2110	77	1450	-610
14	2290	1860	---	---	2590	1320	1690	-987	1980	-405	1880	-470
15	2270	1790	---	---	2730	1020	---	---	2090	-865	2160	-34
16	2240	1740	---	---	2690	843	1890	-1160	1940	-1080	2430	461
17	2140	1540	---	---	2520	785	1810	-1110	1880	-897	2270	896
18	2100	1560	---	---	2450	740	1900	-996	1840	-453	2240	1000
19	2560	1160	1820	-872	2370	719	1960	-1190	2030	-340	2340	1110
20	2390	814	1850	-925	2190	604	1990	-1310	1960	-340	2360	1230
21	2350	376	1830	-1110	2120	287	1900	-1210	1790	-434	2520	1090
22	2250	346	1740	-763	2120	-180	2160	-839	1710	-475	2360	1010
23	2110	265	1880	-1080	1980	-463	1910	-830	1620	-438	2550	860
24	2110	-180	1870	-1040	1930	-899	2020	-810	1890	-55	2320	714
25	2080	-309	1800	-688	---	---	2040	-431	1980	919	2270	652
26	1910	-463	1760	-485	---	---	2160	-861	2070	1250	2020	719
27	1910	-735	1840	-450	---	---	2150	-1040	2040	1160	2200	343
28	1880	-779	1900	-539	---	---	1940	-1180	2080	947	2190	408
29	1800	-883	1930	-713	---	---	1670	-1280	2220	627	2090	344
30	1800	-978	1760	-739	---	---	1600	-1280	1860	489	2090	191
31	---	---	1870	-387	---	---	1680	-1020	2250	-128	---	---
MONTH	3150	-978	---	---	---	---	---	---	2540	-1080	2550	-912