

02134500 LUMBER RIVER AT BOARDMAN, NC

LOCATION.--Lat 34°26'32", long 78°57'38", Robeson County, Hydrologic Unit 03040203, on right bank 150 ft downstream of bridge on U.S. Highway 74, 1 mi downstream of Seaboard Coast Line Railroad bridge at Boardman, 1.5 mi downstream of Big Swamp, and 40.5 mi upstream from mouth.

DRAINAGE AREA.--1,228 mi².

PERIOD OF RECORD.--September 1929 to current year.

REVISED RECORDS.--WSP 1303: 1932 (M). WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 72.05 ft above sea level (levels by U.S. Army Corps of Engineers). Prior to Sept. 30, 1936, nonrecording gage at site 100 ft downstream at same datum. Sept. 30, 1936, to June 8, 1943, nonrecording gage at present site and datum. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Maximum discharge for period of record also occurred Sept. 19, 1999.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of September 1928 reached a stage of 11.8 ft, from floodmark witnessed by local resident; discharge, 25,000 ft³/s. Flood of July 22, 1901, the highest during the period 1896-1913, reached a stage of 10.8 ft, from observations by Butters Lumber Co.; discharge, 14,800 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3420	339	1090	949	844	1320	1950	371	412	845	265	420
2	3380	338	1140	922	818	1290	1920	374	515	832	257	397
3	3270	336	1180	889	780	1260	1860	374	598	909	246	412
4	3110	333	1200	859	765	1340	1790	372	731	1050	232	403
5	2910	336	1210	842	774	1370	1700	364	816	1080	218	382
6	2660	335	1200	825	755	1410	1630	347	815	1070	208	358
7	2390	337	1200	807	745	1440	1590	326	774	1040	198	345
8	2120	340	1190	793	746	1420	1570	308	739	1010	189	333
9	1870	346	1150	776	751	1380	1560	294	730	951	183	321
10	1630	351	1120	753	749	1320	1570	281	691	864	177	311
11	1400	351	1090	739	729	1260	1570	267	666	772	167	346
12	1220	351	1120	740	743	1210	1520	253	748	893	158	354
13	1070	353	1080	745	796	1190	1420	241	809	934	158	345
14	949	362	1050	745	809	1150	1300	235	770	932	171	322
15	855	375	1040	746	829	1200	1170	229	645	927	183	299
16	774	384	1010	744	848	1280	1070	226	572	866	184	278
17	696	395	987	745	891	1320	973	265	644	766	176	271
18	626	405	950	749	921	1380	884	322	791	642	180	269
19	575	e420	928	747	962	1400	803	322	976	530	229	257
20	533	e480	920	764	1030	1420	727	306	1100	395	339	238
21	487	e540	911	768	1080	1550	649	304	1080	340	498	223
22	447	565	914	762	1140	1650	585	318	1030	319	592	210
23	414	595	912	771	1210	1810	537	337	1040	299	623	199
24	397	630	908	786	1260	1940	488	353	1020	296	630	193
25	386	694	904	801	1320	1990	443	365	1040	321	701	210
26	376	798	902	813	1350	2020	410	375	1070	322	772	273
27	367	863	910	830	1340	2000	390	378	1080	307	785	281
28	359	935	951	841	1330	1950	376	378	1040	287	744	284
29	351	983	973	850	---	1900	369	390	958	270	667	295
30	345	1040	976	862	---	1920	368	399	881	267	577	308
31	341	---	969	863	---	1920	---	398	---	264	502	---
TOTAL	39728	14910	32085	24826	26315	47010	33192	10072	24781	20600	11209	9137
MEAN	1282	497	1035	801	940	1516	1106	325	826	665	362	305
MAX	3420	1040	1210	949	1350	2020	1950	399	1100	1080	785	420
MIN	341	333	902	739	729	1150	368	226	412	264	158	193
CFSM	1.04	.40	.84	.65	.77	1.23	.90	.26	.67	.54	.29	.25
IN.	1.20	.45	.97	.75	.80	1.42	1.01	.31	.75	.62	.34	.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2001, BY WATER YEAR (WY)

MEAN	902	892	1307	1884	2247	2349	1851	991	756	796	923	1066
MAX	5496	4142	3977	4575	5944	5259	5688	3430	2587	2808	3741	4930
(WY)	2000	1948	1949	1993	1998	1983	1936	1978	1969	1943	1974	1999
MIN	141	211	237	262	429	611	420	276	215	174	138	92.2
(WY)	1941	1934	1934	1934	1934	1934	1981	1986	1941	1990	1954	1968

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1930 - 2001	
ANNUAL TOTAL	527388		293865			
ANNUAL MEAN	1441		805		1325	
HIGHEST ANNUAL MEAN					2391	
LOWEST ANNUAL MEAN					524	
HIGHEST DAILY MEAN	6830	Jan 31	3420	Oct 1	13400	Sep 24 1945
LOWEST DAILY MEAN	333	Nov 4	158	Aug 12	68	Oct 1 1968
ANNUAL SEVEN-DAY MINIMUM	336	Nov 1	171	Aug 9	72	Oct 3 1968
MAXIMUM PEAK FLOW			3480	Oct 1	13400*	Sep 24 1945
MAXIMUM PEAK STAGE			7.50	Oct 1	10.70	Sep 19 1999
INSTANTANEOUS LOW FLOW			156	Aug 12	66	Oct 9 1968
ANNUAL RUNOFF (CFSM)	1.17		.66		1.08	
ANNUAL RUNOFF (INCHES)	15.98		8.90		14.67	
10 PERCENT EXCEEDS	3180		1420		2820	
50 PERCENT EXCEEDS	988		753		962	
90 PERCENT EXCEEDS	381		270		298	

e Estimated.

* See REMARKS.

02134500 LUMBER RIVER AT BOARDMAN, NC--Continued

