

02134170 LUMBER RIVER AT LUMBERTON, NC

LOCATION.--Lat 34°37'13", long 79°00'38", Robeson County, Hydrologic Unit 03040203, on right bank at upstream side of bridge on Fifth Street in Lumberton and 1.0 mi below Saddletree Swamp.

DRAINAGE AREA.--708 mi².

PERIOD OF RECORD.--Occasional measurements water years 1954, 1959, 1967. July 2000 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 110 ft above NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records good. Minimum discharge for period of record and current water year also occurred Aug. 14, 2002. Minimum discharge for current water year also occurred Oct. 11.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	162	446	689	1,080	579	1,370	1,620	920	2,440	680	675	815
2	170	423	621	1,130	586	1,480	1,510	878	2,280	1,020	674	743
3	169	417	572	1,160	588	1,530	1,400	863	2,120	1,820	701	685
4	162	434	545	1,170	600	1,540	1,310	1,110	1,980	1,950	908	655
5	152	451	557	1,130	616	1,560	1,250	1,350	1,820	1,730	1,460	734
6	142	478	553	1,070	640	1,930	1,200	1,520	1,680	1,520	1,870	758
7	136	479	547	1,000	745	2,400	1,200	1,630	1,550	1,480	1,970	750
8	163	450	544	940	794	2,460	1,280	1,560	1,580	1,690	1,960	735
9	128	415	544	891	826	2,320	1,490	1,400	1,620	1,710	1,910	749
10	119	401	559	860	892	2,140	1,850	1,250	1,600	1,570	1,940	874
11	181	409	615	843	923	2,020	2,330	1,160	1,450	1,370	1,920	1,130
12	297	533	681	821	917	1,970	2,390	1,160	1,260	1,130	1,870	1,200
13	309	753	768	790	921	1,940	2,270	1,170	1,070	985	1,870	1,140
14	335	780	862	758	917	1,920	2,200	1,200	938	1,450	2,040	1,080
15	324	767	918	726	914	1,860	2,280	1,190	867	1,430	2,500	1,050
16	376	742	951	693	949	1,840	2,470	1,080	836	1,500	2,690	996
17	408	806	944	666	1,090	1,800	2,530	940	915	1,670	2,550	905
18	433	879	917	637	1,190	1,730	2,380	824	1,130	1,680	2,260	935
19	463	939	892	609	1,230	1,660	2,120	742	1,120	1,600	2,040	1,320
20	525	979	920	586	1,210	1,760	1,860	674	978	1,490	2,020	1,290
21	645	1,010	952	574	1,170	2,260	1,650	615	871	1,460	2,030	1,290
22	781	1,030	962	581	1,140	2,350	1,480	599	863	1,410	2,030	1,330
23	819	1,020	958	584	1,170	2,240	1,340	845	1,030	1,260	1,910	1,500
24	776	993	970	584	1,150	2,100	1,230	1,180	1,200	1,090	1,780	1,660
25	705	961	1,030	577	1,130	2,000	1,160	1,180	1,210	987	1,700	1,780
26	628	936	1,040	572	1,110	1,930	1,140	1,100	1,120	1,150	1,590	1,830
27	553	922	1,030	567	1,140	1,880	1,130	1,180	959	916	1,420	1,820
28	503	891	1,010	559	1,270	1,850	1,080	1,480	826	780	1,260	1,790
29	505	837	978	553	---	1,790	1,030	1,870	739	721	1,130	1,660
30	501	766	973	560	---	1,730	970	2,280	694	695	1,010	1,450
31	481	---	998	570	---	1,690	---	2,480	---	682	902	---
TOTAL	12,051	21,347	25,100	23,841	26,407	59,050	49,150	37,430	38,746	40,626	52,590	34,654
MEAN	389	712	810	769	943	1,905	1,638	1,207	1,292	1,311	1,696	1,155
MAX	819	1,030	1,040	1,170	1,270	2,460	2,530	2,480	2,440	1,950	2,690	1,830
MIN	119	401	544	553	579	1,370	970	599	694	680	674	655
CFSM	0.55	1.01	1.14	1.09	1.33	2.69	2.31	1.71	1.82	1.85	2.40	1.63
IN.	0.63	1.12	1.32	1.25	1.39	3.10	2.58	1.97	2.04	2.13	2.76	1.82

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2003, BY WATER YEAR (WY)

	2000	2001	2002	2003
MEAN	413	469	602	628
MAX	596	712	810	769
(WY)	(2001)	(2003)	(2003)	(2003)
MIN	255	222	286	551
(WY)	(2002)	(2002)	(2002)	(2002)

SUMMARY STATISTICS

	FOR 2002 CALENDAR YEAR	FOR 2003 WATER YEAR	WATER YEARS 2000 - 2003
ANNUAL TOTAL	144,879	420,992	
ANNUAL MEAN	397	1,153	662
HIGHEST ANNUAL MEAN			1,153
LOWEST ANNUAL MEAN			301
HIGHEST DAILY MEAN	1,120	Feb 1	2,690
LOWEST DAILY MEAN	51	Aug 13	51
ANNUAL SEVEN-DAY MINIMUM	55	Aug 11	55
MAXIMUM PEAK FLOW		2,720	2,720
MAXIMUM PEAK STAGE		15.32	15.32
INSTANTANEOUS LOW FLOW		118*	51*
ANNUAL RUNOFF (CFSM)	0.56	1.63	0.94
ANNUAL RUNOFF (INCHES)	7.61	22.12	12.71
10 PERCENT EXCEEDS	897	1,960	1,450
50 PERCENT EXCEEDS	358	1,030	535
90 PERCENT EXCEEDS	71	540	136

* See REMARKS.

02134170 LUMBER RIVER AT LUMBERTON, NC—Continued

