

02134170 LUMBER RIVER AT LUMBERTON, NC

LOCATION.--Lat 34°37'13", long 79°00'40", 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.

REVISED RECORDS.--WRD NC-03-1B:(M)

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 also occurred Aug. 14, 2002.

REVISIONS.--The maximum discharge for the water year 2003 has been revised to 3,250 ft³/s, Aug. 16, 2003, gage height, 15.32 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,280	1,480	790	821	723	2,570	625	545	238	403	262	2,740
2	1,190	1,450	734	795	714	2,430	611	574	232	394	314	3,010
3	1,130	1,420	691	773	732	2,280	598	812	218	371	363	3,140
4	1,060	1,400	680	755	765	2,150	590	1,020	223	370	380	3,120
5	964	1,380	720	739	797	2,040	579	1,100	278	390	401	2,980
6	873	1,330	733	726	817	1,970	575	1,050	240	373	413	2,650
7	794	1,270	742	705	833	1,860	573	978	242	343	410	2,330
8	775	1,180	745	687	839	1,710	578	994	258	309	413	2,510
9	792	1,070	732	695	847	1,530	582	1,090	282	285	392	4,400
10	796	960	761	713	849	1,380	559	1,150	285	262	330	6,900
11	822	878	994	728	859	1,280	554	1,120	297	299	270	7,030
12	837	828	1,120	751	953	1,170	717	998	348	311	250	6,090
13	825	797	1,150	758	1,060	1,080	1,230	843	354	346	354	5,240
14	836	767	1,230	753	1,130	999	1,960	676	363	384	457	4,420
15	881	739	1,400	745	1,280	939	2,110	531	395	343	595	3,750
16	889	708	1,550	728	1,370	897	1,970	444	426	287	755	3,240
17	893	678	1,620	707	1,460	867	1,770	398	416	245	998	2,810
18	913	655	1,660	700	1,600	835	1,560	367	397	219	1,210	2,520
19	919	687	1,650	692	1,640	803	1,390	345	380	204	1,190	2,340
20	922	784	1,560	682	1,610	779	1,260	328	364	195	1,060	2,130
21	903	831	1,430	684	1,540	782	1,140	328	357	187	952	1,930
22	868	853	1,320	680	1,440	787	1,010	311	347	181	934	1,780
23	832	856	1,260	667	1,350	792	887	322	313	209	848	1,660
24	803	851	1,220	663	1,260	804	776	355	294	219	701	1,540
25	772	871	1,160	672	1,180	814	684	312	291	224	549	1,420
26	735	908	1,080	709	1,180	802	620	305	387	232	475	1,330
27	695	932	1,000	736	1,740	768	622	298	361	239	452	1,240
28	700	940	945	747	2,420	727	592	286	411	236	412	1,190
29	1,200	911	899	755	2,620	686	571	269	381	232	406	1,060
30	1,510	853	871	751	---	653	555	254	390	224	987	942
31	1,520	---	844	739	---	638	---	247	---	233	1,990	---
TOTAL	28,929	29,267	33,291	22,456	35,608	37,822	27,848	18,650	9,768	8,749	19,523	87,442
MEAN	933	976	1,074	724	1,228	1,220	928	602	326	282	630	2,915
MAX	1,520	1,480	1,660	821	2,620	2,570	2,110	1,150	426	403	1,990	7,030
MIN	695	655	680	663	714	638	554	247	218	181	250	942
CFSM	1.32	1.38	1.52	1.02	1.73	1.72	1.31	0.85	0.46	0.40	0.89	4.12
IN.	1.52	1.54	1.75	1.18	1.87	1.99	1.46	0.98	0.51	0.46	1.03	4.59

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2004, BY WATER YEAR (WY)

	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
MEAN	543	595	720	652	887	1,139	949	572	601	505	607	1,112			
MAX	933	976	1,074	769	1,228	1,905	1,638	1,207	1,292	1,311	1,696	2,915			
(WY)	(2004)	(2004)	(2004)	(2003)	(2004)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)			
MIN	255	222	286	551	681	499	550	179	89.7	79.0	84.7	164			
(WY)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)			

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2000 - 2004	
ANNUAL TOTAL	453,981		359,353		742	
ANNUAL MEAN	1,244		982		301	
HIGHEST ANNUAL MEAN					1,153	2003
LOWEST ANNUAL MEAN					301	2002
HIGHEST DAILY MEAN	2,690	Aug 16	7,030	Sep 11	7,030	Sep 11, 2004
LOWEST DAILY MEAN	553	Jan 29	181	Jul 22	51	Aug 13, 2002
ANNUAL SEVEN-DAY MINIMUM	565	Jan 25	202	Jul 18	55	Aug 11, 2002
MAXIMUM PEAK FLOW			7,420	Sep 11	7,420	Sep 11, 2004
MAXIMUM PEAK STAGE			18.29	Sep 11	18.29	Sep 11, 2004
INSTANTANEOUS LOW FLOW			176	Jul 22	51*	Aug 13, 2002
ANNUAL RUNOFF (CFSM)	1.76		1.39		1.05	
ANNUAL RUNOFF (INCHES)	23.85		18.88		14.25	
10 PERCENT EXCEEDS	1,960		1,750		1,530	
50 PERCENT EXCEEDS	1,140		786		598	
90 PERCENT EXCEEDS	694		293		166	

* See REMARKS.

