

02133624 LUMBER RIVER NEAR MAXTON, NC

LOCATION.--Lat 34°46'22", long 79°19'55", Robeson County, Hydrologic Unit 03040203, at downstream side of bridge, near right center of span, on State Highway 71, 2.6 mi north of Maxton, and 7.5 mi upstream from Gum Swamp.

DRAINAGE AREA.--365 mi².

PERIOD OF RECORD.--Occasional discharge measurements, water years 1974, 1980-85. June 1987 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 180 ft above NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Minimum discharge for period of record also occurred on Aug. 14, 2002. Minimum discharge for current water year also occurred July 20.

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	867	1,090	589	592	555	1,010	423	289	144	234	242	1,490
2	772	1,160	574	587	559	1,110	440	285	141	267	275	1,670
3	711	1,130	571	581	576	1,200	467	393	135	289	307	1,610
4	668	1,030	593	573	583	1,180	487	559	131	267	378	1,420
5	629	907	611	567	616	1,100	502	799	142	257	438	1,300
6	597	797	601	562	630	1,010	e480	1,010	170	250	391	1,180
7	569	732	612	580	657	933	e440	1,140	173	208	252	1,060
8	569	704	630	630	702	834	395	1,020	190	175	200	1,330
9	598	707	634	645	701	754	369	803	198	153	168	1,570
10	625	716	655	636	669	695	444	579	209	141	149	2,160
11	676	687	707	625	652	650	782	334	256	146	139	2,250
12	721	654	763	613	688	622	570	254	295	146	140	2,070
13	749	636	894	590	700	577	648	228	338	159	167	1,740
14	774	623	972	578	728	550	684	214	293	164	215	1,450
15	785	607	1,080	573	797	530	710	208	216	150	332	1,200
16	788	593	1,140	551	856	507	713	208	213	135	481	1,010
17	795	582	1,120	540	951	514	709	196	234	129	620	921
18	785	562	1,050	548	e1,020	553	676	182	281	125	701	881
19	778	581	1,020	533	e1,000	598	591	175	304	116	683	897
20	788	629	979	534	926	633	484	175	250	133	552	937
21	774	718	921	562	861	688	406	190	196	163	303	900
22	743	825	832	588	794	695	361	191	167	167	261	869
23	692	880	766	601	736	660	327	196	157	173	294	847
24	645	935	735	574	665	600	301	218	179	199	349	789
25	592	916	699	528	611	555	285	220	185	213	263	657
26	553	821	684	511	603	521	268	216	208	180	207	519
27	536	742	669	501	683	492	281	197	294	159	185	440
28	543	679	648	510	766	473	282	173	370	147	172	453
29	688	637	640	517	897	448	294	157	348	153	176	490
30	788	604	629	534	---	424	302	150	275	192	590	616
31	989	---	605	544	---	418	---	145	---	228	859	---
TOTAL	21,787	22,884	23,623	17,608	21,182	21,534	14,121	11,104	6,692	5,618	10,489	34,726
MEAN	703	763	762	568	730	695	471	358	223	181	338	1,158
MAX	989	1,160	1,140	645	1,020	1,200	782	1,140	370	289	859	2,250
MIN	536	562	571	501	555	418	268	145	131	116	139	440
CFSM	1.93	2.09	2.09	1.56	2.00	1.90	1.29	0.98	0.61	0.50	0.93	3.17
IN.	2.22	2.33	2.41	1.79	2.16	2.19	1.44	1.13	0.68	0.57	1.07	3.54

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2004, BY WATER YEAR (WY)

MEAN	409	439	480	607	645	695	588	392	327	299	330	413
MAX	827	763	762	926	1,205	1,267	1,144	932	1,022	710	1,356	1,158
(WY)	(2000)	(2004)	(2004)	(1998)	(1998)	(1998)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)
MIN	184	166	220	364	300	363	303	135	67.6	63.2	51.5	130
(WY)	(1988)	(2002)	(2002)	(1992)	(1992)	(1992)	(1992)	(2002)	(2002)	(2002)	(2002)	(1990)

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1987 - 2004	
ANNUAL TOTAL	333,437		211,368		469	
ANNUAL MEAN	914		578		243	
HIGHEST ANNUAL MEAN					875	2003
LOWEST ANNUAL MEAN					243	2002
HIGHEST DAILY MEAN	2,780	Aug 13	2,250	Sep 11	3,070	Mar 22, 1998
LOWEST DAILY MEAN	364	Jan 29	116	Jul 19	28	Aug 13, 2002
ANNUAL SEVEN-DAY MINIMUM	391	Jan 25	136	Jul 15	32	Aug 10, 2002
MAXIMUM PEAK FLOW			2,280	Sep 11	3,380	Mar 22, 1998
MAXIMUM PEAK STAGE			12.30	Sep 11	13.52	Mar 22, 1998
INSTANTANEOUS LOW FLOW			113*	Jul 19	27*	Aug 13, 2002
ANNUAL RUNOFF (CFSM)	2.50		1.58		1.28	
ANNUAL RUNOFF (INCHES)	33.98		21.54		17.45	
10 PERCENT EXCEEDS	1,370		992		880	
50 PERCENT EXCEEDS	849		580		410	
90 PERCENT EXCEEDS	536		173		155	

* See REMARKS.

e Estimated.

