

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.--No estimated daily discharges. Records fair. Minimum discharge for period of record also occurred on Aug. 14, 2002.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	733	376	567	588	577	771	715	335	199	331	622	157
2	817	351	590	595	608	808	728	331	230	317	718	149
3	972	340	611	585	638	809	746	351	308	253	817	141
4	964	334	571	542	674	804	745	397	438	237	876	134
5	848	335	493	501	691	841	716	423	560	254	852	124
6	724	342	431	483	699	828	689	407	630	298	697	116
7	603	356	395	470	693	777	670	361	679	315	407	111
8	536	349	381	470	682	697	647	344	698	378	277	110
9	499	332	385	471	672	630	677	316	684	473	244	108
10	462	309	423	462	632	649	669	283	549	514	261	106
11	409	296	458	450	567	670	721	288	465	483	364	106
12	364	305	528	447	535	682	722	264	459	423	581	100
13	360	382	570	449	513	699	746	243	441	305	658	96
14	355	470	579	513	489	688	773	235	405	246	588	99
15	361	560	592	593	471	624	782	237	446	232	511	103
16	365	574	569	794	473	582	768	227	537	263	385	107
17	363	560	496	998	491	635	766	217	498	285	308	110
18	354	497	420	1,120	506	717	809	213	278	278	263	112
19	329	431	384	1,200	528	822	844	214	211	241	264	104
20	316	390	364	1,160	521	885	812	211	180	209	275	99
21	310	368	359	1,050	510	952	730	261	161	195	355	211
22	307	350	370	891	491	997	620	329	150	243	361	191
23	311	354	380	740	491	995	535	354	143	318	272	235
24	318	396	383	659	539	929	476	322	138	347	219	280
25	309	502	421	619	584	852	441	261	131	406	216	264
26	304	603	511	591	637	808	398	228	128	430	258	207
27	310	641	582	564	670	805	372	226	129	352	273	180
28	320	653	641	548	729	833	354	218	141	224	242	169
29	328	596	665	540	---	797	342	198	265	222	203	163
30	352	553	635	550	---	752	338	194	320	337	181	163
31	378	---	601	547	---	718	---	194	---	482	167	---
TOTAL	14,281	12,905	15,355	20,190	16,311	24,056	19,351	8,682	10,601	9,891	12,715	4,355
MEAN	461	430	495	651	583	776	645	280	353	319	410	145
MAX	972	653	665	1,200	729	997	844	423	698	514	876	280
MIN	304	296	359	447	471	582	338	194	128	195	167	96
CFSM	1.26	1.18	1.36	1.78	1.60	2.13	1.77	0.77	0.97	0.87	1.12	0.40
IN.	1.46	1.32	1.56	2.06	1.66	2.45	1.97	0.88	1.08	1.01	1.30	0.44

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2005, BY WATER YEAR (WY)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	412	438	481	609	641	699	592	386	328	300	334	399							
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)							

SUMMARY STATISTICS

	FOR 2004 CALENDAR YEAR	FOR 2005 WATER YEAR	WATER YEARS 1987 - 2005
ANNUAL TOTAL	185,615	168,693	
ANNUAL MEAN	507	462	468
HIGHEST ANNUAL MEAN			875
LOWEST ANNUAL MEAN			243
HIGHEST DAILY MEAN	2,250	1,200	3,070
LOWEST DAILY MEAN	116	96	28
ANNUAL SEVEN-DAY MINIMUM	136	102	32
MAXIMUM PEAK FLOW		1,210	3,380
MAXIMUM PEAK STAGE		10.95	13.52
INSTANTANEOUS LOW FLOW		93	27*
ANNUAL RUNOFF (CFSM)	1.39	1.27	1.28
ANNUAL RUNOFF (INCHES)	18.92	17.19	17.44
10 PERCENT EXCEEDS	897	772	865
50 PERCENT EXCEEDS	456	431	410
90 PERCENT EXCEEDS	173	193	155

* See REMARKS.

