

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 mi<sup>2</sup>.

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 and current water year also occurred on Aug. 14, 2002.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	328	155	210	178	881	249	457	143	89	74	69	158
2	239	153	206	171	733	257	587	137	95	72	67	188
3	204	157	190	178	642	299	745	137	87	62	59	208
4	183	159	172	189	559	365	758	139	78	54	53	218
5	168	151	167	212	491	436	732	148	74	55	52	218
6	161	145	166	249	446	481	722	177	69	59	46	194
7	181	143	162	302	454	497	649	199	88	62	42	153
8	278	142	156	360	495	483	515	194	94	52	38	126
9	366	143	162	421	582	415	353	172	97	44	35	107
10	415	148	158	459	672	345	299	158	86	43	33	90
11	430	149	156	480	707	326	286	165	74	54	34	81
12	334	143	193	494	730	329	309	156	69	54	33	75
13	243	142	262	498	764	347	338	138	64	57	28	72
14	211	141	308	460	740	385	352	124	61	63	29	71
15	181	138	349	427	673	449	367	123	62	61	32	72
16	189	141	384	409	563	510	327	130	59	66	34	79
17	253	144	355	388	448	524	285	131	54	91	39	116
18	291	149	271	351	385	443	263	130	49	80	46	167
19	306	144	244	320	342	355	239	132	49	68	50	194
20	280	141	252	337	322	317	222	146	49	59	51	201
21	221	143	262	401	314	320	211	152	49	56	59	216
22	187	150	256	489	313	338	196	e145	48	49	e66	241
23	171	150	235	592	309	404	178	e131	59	45	63	241
24	165	168	210	704	300	461	169	122	71	48	54	e194
25	162	200	197	1020	291	479	165	114	63	51	53	e147
26	162	239	195	1510	271	463	160	108	61	57	49	e128
27	166	263	193	1560	260	425	155	99	59	84	49	e118
28	173	273	189	1540	251	400	162	89	57	102	62	135
29	174	255	183	1460	---	380	162	85	55	90	73	e164
30	161	225	181	1380	---	332	148	83	60	79	84	e162
31	155	---	181	1160	---	332	---	84	---	68	113	---
TOTAL	7138	4994	6805	18699	13938	12146	10511	4191	2029	1959	1595	4534
MEAN	230.3	166.5	219.5	603.2	497.8	391.8	350.4	135.2	67.63	63.19	51.45	151.1
MAX	430	273	384	1560	881	524	758	199	97	102	113	241
MIN	155	138	156	171	251	249	148	83	48	43	28	71
CFSM	0.63	0.46	0.60	1.65	1.36	1.07	0.96	0.37	0.19	0.17	0.14	0.41
IN.	0.73	0.51	0.69	1.91	1.42	1.24	1.07	0.43	0.21	0.20	0.16	0.46

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2002, BY WATER YEAR (WY)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
MEAN	389.0	404.2	445.2	612.2	631.7	660.1	560.1	358.7	289.5	280.2	265.6	331.1				
MAX	827	661	650	926	1205	1267	1106	769	575	690	577	915				
(WY)	2000	1996	1990	1998	1998	1998	1998	1989	1995	1995	1989	1996				
MIN	184	166	221	364	300	363	303	136	65.6	61.3	50.7	130				
(WY)	1988	2002	2002	1992	1992	1992	1992	2002	2002	2002	2002	1990				

SUMMARY STATISTICS

	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1987 - 2002	
ANNUAL TOTAL	120571		88539			
ANNUAL MEAN	330.3		242.6		434.8	
HIGHEST ANNUAL MEAN					640	1998
LOWEST ANNUAL MEAN					248	2002
HIGHEST DAILY MEAN	1530	Apr 5	1560	Jan 27	3070	Mar 22 1998
LOWEST DAILY MEAN	85	Aug 9	28	Aug 13	29	Aug 13 2002
ANNUAL SEVEN-DAY MINIMUM	92	Aug 7	32	Aug 10	33	Aug 9 2002
MAXIMUM PEAK FLOW			1590	Jan 27	3380	Mar 22 1998
MAXIMUM PEAK STAGE			10.64	Jan 27	13.52	Mar 22 1998
INSTANTANEOUS LOW FLOW			27*	Aug 13	27*	Aug 13 2002
ANNUAL RUNOFF (CFSM)	0.91		0.66		1.19	
ANNUAL RUNOFF (INCHES)	12.29		9.02		16.19	
10 PERCENT EXCEEDS	612		485		781	
50 PERCENT EXCEEDS	280		168		384	
90 PERCENT EXCEEDS	141		54		151	

e Estimated.

\* See REMARKS.

02133624 LUMBER RIVER NEAR MAXTON, NC--Continued

