

PEE DEE RIVER BASIN

02134170 LUMBER RIVER AT LUMBERTON, NC

LOCATION.--Lat 34°37'12", long 79°00'39", 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 mi<sup>2</sup>.

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.

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	383	199	329	247	1120	358	983	207	110	70	169	137
2	418	195	313	244	1080	370	1040	197	106	70	104	133
3	419	193	286	262	1020	472	931	187	103	72	89	149
4	331	189	272	278	922	524	856	219	104	78	83	174
5	249	189	264	286	805	551	865	218	103	74	78	193
6	230	191	253	373	704	549	891	207	98	71	72	205
7	229	190	245	453	756	555	905	203	103	68	68	212
8	206	187	239	463	772	557	879	209	94	66	65	209
9	195	185	234	482	757	553	830	222	100	66	60	193
10	212	183	229	497	741	546	768	225	105	67	57	169
11	250	185	240	506	741	528	678	222	104	75	56	149
12	279	185	241	522	727	493	568	209	99	65	54	130
13	300	186	243	574	730	466	495	204	91	65	51	117
14	302	185	252	575	736	448	467	212	98	67	59	129
15	275	185	281	573	734	446	470	186	134	69	59	118
16	241	188	312	561	726	452	475	166	90	75	54	114
17	225	188	334	540	717	463	467	155	82	70	55	109
18	215	187	364	509	684	487	448	164	79	68	57	108
19	231	188	381	481	633	518	417	171	77	75	54	119
20	256	192	371	474	566	531	394	165	73	82	56	144
21	275	192	334	468	520	537	369	166	72	78	60	172
22	279	189	314	473	471	522	334	165	70	72	63	191
23	261	192	310	528	439	509	303	171	69	90	64	202
24	232	350	313	632	414	494	277	167	69	71	67	217
25	214	327	301	690	402	482	260	158	68	147	71	228
26	204	325	290	739	397	488	244	150	79	128	76	223
27	199	323	272	767	390	510	239	139	85	88	121	197
28	195	326	265	813	376	507	230	131	78	79	210	175
29	194	333	260	911	---	501	220	124	74	79	189	159
30	198	339	259	1040	---	493	211	122	75	89	158	153
31	201	---	250	1110	---	549	---	120	---	115	148	---
TOTAL	7898	6666	8851	17071	19080	15459	16514	5561	2692	2449	2627	4928
MEAN	254.8	222.2	285.5	550.7	681.4	498.7	550.5	179.4	89.73	79.00	84.74	164.3
MAX	419	350	381	1110	1120	557	1040	225	134	147	210	228
MIN	194	183	229	244	376	358	211	120	68	65	51	108
CFSM	0.36	0.31	0.40	0.78	0.96	0.70	0.78	0.25	0.13	0.11	0.12	0.23
IN.	0.41	0.35	0.47	0.90	1.00	0.81	0.87	0.29	0.14	0.13	0.14	0.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2002, BY WATER YEAR (WY)

	2000	2001	2002	2000	2001	2002	2000	2001	2002	2000	2001	2002
MEAN	425.3	347.4	498.5	556.9	682.9	716.2	615.0	239.0	392.5	213.8	235.9	497.5
MAX	596	472	711	563	684	934	680	299	695	349	401	1127
(WY)	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2000	2000
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

SUMMARY STATISTICS FOR 2001 CALENDAR YEAR FOR 2002 WATER YEAR WATER YEARS 2000 - 2002

ANNUAL TOTAL	163232	109796	
ANNUAL MEAN	447.2	300.8	416.9
HIGHEST ANNUAL MEAN			533
LOWEST ANNUAL MEAN			301
HIGHEST DAILY MEAN	1270	Jun 17	2130
LOWEST DAILY MEAN	116	Aug 11	51
ANNUAL SEVEN-DAY MINIMUM	127	Aug 9	55
MAXIMUM PEAK FLOW			1130
MAXIMUM PEAK STAGE			11.45
INSTANTANEOUS LOW FLOW			51*
ANNUAL RUNOFF (CFSM)	0.63	0.42	0.59
ANNUAL RUNOFF (INCHES)	8.58	5.77	8.00
10 PERCENT EXCEEDS	907	651	863
50 PERCENT EXCEEDS	353	219	334
90 PERCENT EXCEEDS	180	71	100

\* See REMARKS.

02134170 LUMBER RIVER AT LUMBERTON, NC--Continued

