

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, 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.

GAGE.--Water-stage recorder. Elevation of gage is 110 ft above sea level, from topographic map. Satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are fair. Maximum discharge, 1,950 ft³/s Oct. 1, 2000, stage falling, peak occurred Sept. 29, 2000.

DISCHARGE, CUBIC FEET PER SECOND, FOR PERIOD JULY TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	256	764	292
2	---	---	---	---	---	---	---	---	---	263	673	368
3	---	---	---	---	---	---	---	---	---	260	622	719
4	---	---	---	---	---	---	---	---	---	275	568	1200
5	---	---	---	---	---	---	---	---	---	284	506	1510
6	---	---	---	---	---	---	---	---	---	305	484	1540
7	---	---	---	---	---	---	---	---	---	307	488	1460
8	---	---	---	---	---	---	---	---	---	291	519	1440
9	---	---	---	---	---	---	---	---	---	274	551	1370
10	---	---	---	---	---	---	---	---	---	269	e589	1240
11	---	---	---	---	---	---	---	---	---	271	e644	1090
12	---	---	---	---	---	---	---	---	---	291	668	961
13	---	---	---	---	---	---	---	---	---	363	584	871
14	---	---	---	---	---	---	---	---	---	713	498	791
15	---	---	---	---	---	---	---	---	---	964	419	693
16	---	---	---	---	---	---	---	---	---	1040	363	554
17	---	---	---	---	---	---	---	---	---	887	312	425
18	---	---	---	---	---	---	---	---	---	655	274	406
19	---	---	---	---	---	---	---	---	---	482	258	448
20	---	---	---	---	---	---	---	---	---	380	246	460
21	---	---	---	---	---	---	---	---	---	327	231	442
22	---	---	---	---	---	---	---	---	---	290	215	430
23	---	---	---	---	---	---	---	---	---	275	201	907
24	---	---	---	---	---	---	---	---	---	317	191	1870
25	---	---	---	---	---	---	---	---	---	470	202	2000
26	---	---	---	---	---	---	---	---	---	638	225	2000
27	---	---	---	---	---	---	---	---	---	725	210	2040
28	---	---	---	---	---	---	---	---	---	835	200	2110
29	---	---	---	---	---	---	---	---	---	845	198	2130
30	---	---	---	---	---	---	---	---	---	797	226	2030
31	---	---	---	---	---	---	---	---	---	805	291	---
TOTAL	---	---	---	---	---	---	---	---	---	15154	12420	33797
MEAN	---	---	---	---	---	---	---	---	---	489	401	1127
MAX	---	---	---	---	---	---	---	---	---	1040	764	2130
MIN	---	---	---	---	---	---	---	---	---	256	191	292
CFSM	---	---	---	---	---	---	---	---	---	.69	.57	1.59
IN.	---	---	---	---	---	---	---	---	---	.80	.65	1.78

STATISTICS OF MONTHLY MEAN DATA FOR PERIOD JULY TO SEPTEMBER 2000

MEAN	---	---	---	---	---	---	---	---	---	489	401	1127
MAX	---	---	---	---	---	---	---	---	---	489	401	1127
(WY)	---	---	---	---	---	---	---	---	---	2000	2000	2000
MIN	---	---	---	---	---	---	---	---	---	489	401	1127
(WY)	---	---	---	---	---	---	---	---	---	2000	2000	2000

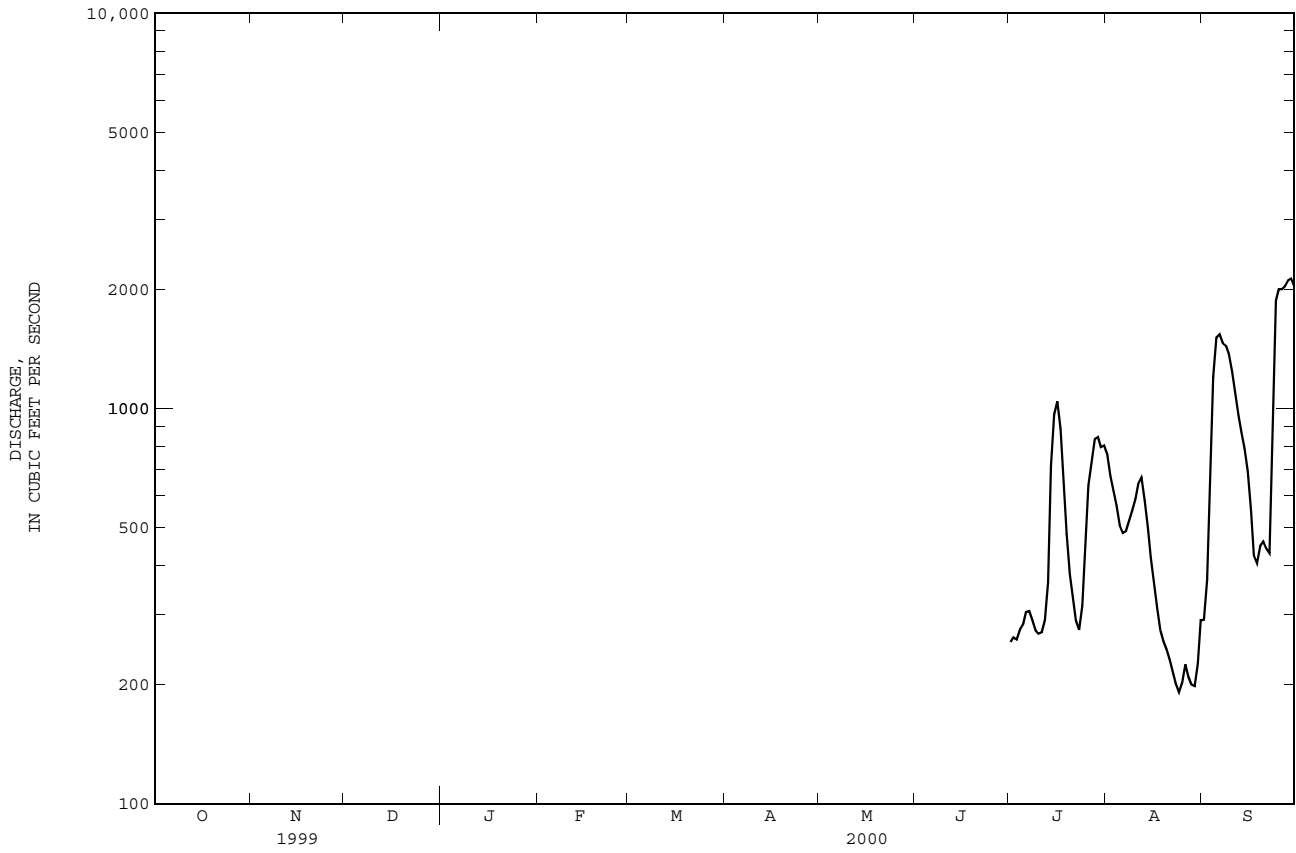
SUMMARY STATISTICS

FOR PERIOD JULY TO SEPTEMBER 2000

MAXIMUM PEAK FLOW	2150	Sep 29
MAXIMUM PEAK STAGE	14.07	Sep 29
INSTANTANEOUS LOW FLOW	184	Aug 25

e Estimated.

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PEE DEE RIVER BASIN

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DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1860	272	996	601	535	836	1150	358	455	547	188	339
2	1670	267	996	587	507	780	1090	360	670	519	174	245
3	1510	264	983	580	492	748	1030	340	727	496	164	204
4	1350	262	975	566	490	823	1010	307	694	517	158	190
5	1210	276	959	550	516	866	1020	278	655	607	153	196
6	1060	282	911	535	528	863	1010	257	619	542	144	199
7	898	292	838	517	536	835	1030	240	578	495	139	195
8	737	301	756	513	525	811	1130	229	548	438	135	191
9	613	305	693	511	507	795	1180	215	610	380	127	192
10	534	308	672	509	499	779	1110	201	909	354	120	198
11	492	312	658	510	488	759	984	193	757	379	116	192
12	464	313	644	515	494	745	852	188	541	613	128	179
13	433	313	631	524	533	747	747	187	405	598	124	172
14	405	338	615	534	559	734	670	180	468	521	141	164
15	382	357	598	546	577	769	600	177	606	448	132	178
16	366	369	584	544	596	863	551	176	756	365	137	200
17	355	382	582	535	685	909	505	283	1270	307	143	193
18	341	403	585	522	781	930	462	242	1060	266	255	175
19	326	456	598	509	840	912	426	258	906	234	538	160
20	316	536	609	532	879	921	400	305	929	212	366	149
21	312	572	615	556	893	1100	385	369	867	193	357	142
22	308	601	621	568	931	1220	370	404	813	179	383	138
23	302	612	636	583	995	1250	353	430	824	177	440	131
24	294	619	651	605	1010	1220	338	436	783	180	439	159
25	287	672	660	628	981	1150	322	437	727	174	362	213
26	280	789	669	645	965	1100	315	423	578	169	295	205
27	275	833	673	654	933	1060	323	356	473	166	249	231
28	273	911	693	651	890	1020	331	311	500	168	212	269
29	273	966	678	636	---	1050	342	340	561	174	194	310
30	273	992	652	612	---	1170	351	375	569	194	181	341
31	272	---	624	576	---	1180	---	403	---	194	200	---
TOTAL	18471	14175	22055	17454	19165	28945	20387	9258	20858	10806	6894	6050
MEAN	596	472	711	563	684	934	680	299	695	349	222	202
MAX	1860	992	996	654	1010	1250	1180	437	1270	613	538	341
MIN	272	262	582	509	488	734	315	176	405	166	116	131
CFSM	.84	.67	1.00	.80	.97	1.32	.96	.42	.98	.49	.31	.28
IN.	.97	.74	1.16	.92	1.01	1.52	1.07	.49	1.10	.57	.36	.32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2001, BY WATER YEAR (WY)

	2000	2001	2001	2001	2001	2001	2001	2001	2001	2000	2000	2000
MEAN	596	472	711	563	684	934	680	299	695	419	312	664
MAX	596	472	711	563	684	934	680	299	695	489	401	1127
(WY)	2001	2001	2001	2001	2001	2001	2001	2001	2001	2000	2000	2000
MIN	596	472	711	563	684	934	680	299	695	349	222	202
(WY)	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001

SUMMARY STATISTICS

FOR 2001 WATER YEAR

WATER YEARS 2000 - 2001

ANNUAL TOTAL	194518		
ANNUAL MEAN	533	533	
HIGHEST ANNUAL MEAN		533	2001
LOWEST ANNUAL MEAN		533	2001
HIGHEST DAILY MEAN	1860	Oct 1	2130
LOWEST DAILY MEAN	116	Aug 11	116
ANNUAL SEVEN-DAY MINIMUM	127	Aug 9	127
MAXIMUM PEAK FLOW	1340*	Jun 17	2150
MAXIMUM PEAK STAGE	12.08*	Jun 17	14.07
INSTANTANEOUS LOW FLOW	114	Aug 11	114
ANNUAL RUNOFF (CFSM)	.75		.75
ANNUAL RUNOFF (INCHES)	10.22		10.23
10 PERCENT EXCEEDS	982		1010
50 PERCENT EXCEEDS	510		507
90 PERCENT EXCEEDS	180		192

* See REMARKS.

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