Water-Data Report 2013

02133624 LUMBER RIVER NEAR MAXTON, NC

Lower Pee Dee Basin
Lumber Subbasin

LOCATION.--Lat 34°46′22″, long 79°19′55″ referenced to North American Datum of 1983, Robeson County, NC, Hydrologic Unit 03040203, downstream of bridge on North Carolina Highway 71, 2.6 mi north of Maxton, and 7.5 mi upstream from Gum Swamp.

DRAINAGE AREA.--365 mi^2.

SURFACE-WATER RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is 171.04 above North American Vertical Datum of 1988. Satellite telemetry at streamgage.

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

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 02133624, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/02133624.2013.pdf

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	109	116	150	404	244	457	236	390	181	571	617	205
2	135	114	147	397	268	457	264	447	166	1,050	895	198
3	164	114	141	369	277	451	286	520	164	1,660	666	193
4	185	115	142	347	262	439	306	854	187	1,850	483	206
5	200	113	144	340	241	384	334	981	177	1,910	408	215
6	186	115	143	327	225	313	350	609	217	1,950	370	220
7	166	117	141	285	215	285	378	438	350	1,810	324	199
8	150	117	141	248	234	282	395	360	628	1,590	288	182
9	148	118	141	233	251	283	402	350	1,500	1,390	268	168
10	182	119	139	221	291	272	392	356	2,140	1,260	255	160
11	227	119	140	216	325	247	324	355	2,530	845	251	155
12	221	116	146	216	343	240	271	316	2,190	604	231	151
13	188	118	159	223	341	245	258	240	1,700	907	222	146
14	165	123	177	223	332	256	265	205	1,350	1,560	250	142
15	146	135	202	219	333	260	275	186	904	1,520	258	137
16	139	161	199	210	317	256	279	171	652	1,320	273	131
17	138	205	209	209	296	236	252	160	596	1,130	303	128
18	137	241	228	237	288	223	228	153	537	791	317	128
19	135	243	264	281	300	215	214	150	521	582	354	126
20	134	207	290	329	302	211	222	198	445	453	426	125
21	138	181	308	368	291	217	244	317	377	414	499	127
22	140	168	295	394	281	220	293	479	337	445	537	143
23	135	158	278	410	286	208	333	578	312	452	595	160
24	130	150	248	384	295	202	366	683	380	405	573	220
25	124	147	221	304	323	222	330	1,000	396	372	496	267
26	123	144	218	265	363	267	245	1,080	461	370	425	306
27	121	140	243	247	392	299	211	661	438	366	311	346
28	120	146	291	238	421	316	194	463	534	377	254	299
29	116	146	338	232	---	309	232	303	562	414	233	229
30	119	150	367	228	---	261	300	230	551	491	220	201
31	119	---	390	230	---	235	---	201	---	513	215	---
Total	4,640	4,356	6,640	8,834	8,337	8,768	8,679	13,434	21,483	29,372	11,817	5,613
Mean	150	145	214	285	298	283	289	433	716	947	381	187
Max	227	243	390	410	421	457	402	1,080	2,530	1,950	895	346
Min	109	113	139	209	215	202	194	150	164	366	215	125
Cfsm	0.41	0.40	0.59	0.78	0.82	0.77	0.79	1.19	1.96	2.60	1.04	0.51
In.	0.47	0.44	0.68	0.90	0.85	0.89	0.88	1.37	2.19	2.99	1.20	0.57

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2013, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	364	410	476	566	582	619	520	352	313	290	296	350
Max	827	1,035	905	926	1,205	1,267	1,144	932	1,022	947	1,356	1,158
(WY)	(2000)	(2007)	(2006)	(1998)	(1998)	(1998)	(2003)	(2003)	(2003)	(2013)	(2003)	(2004)
Min	142	145	214	246	232	283	232	135	67.6	63.2	51.5	108
(WY)	(2012)	(2013)	(2013)	(2012)	(2012)	(2013)	(2006)	(2002)	(2002)	(2002)	(2002)	(2007)

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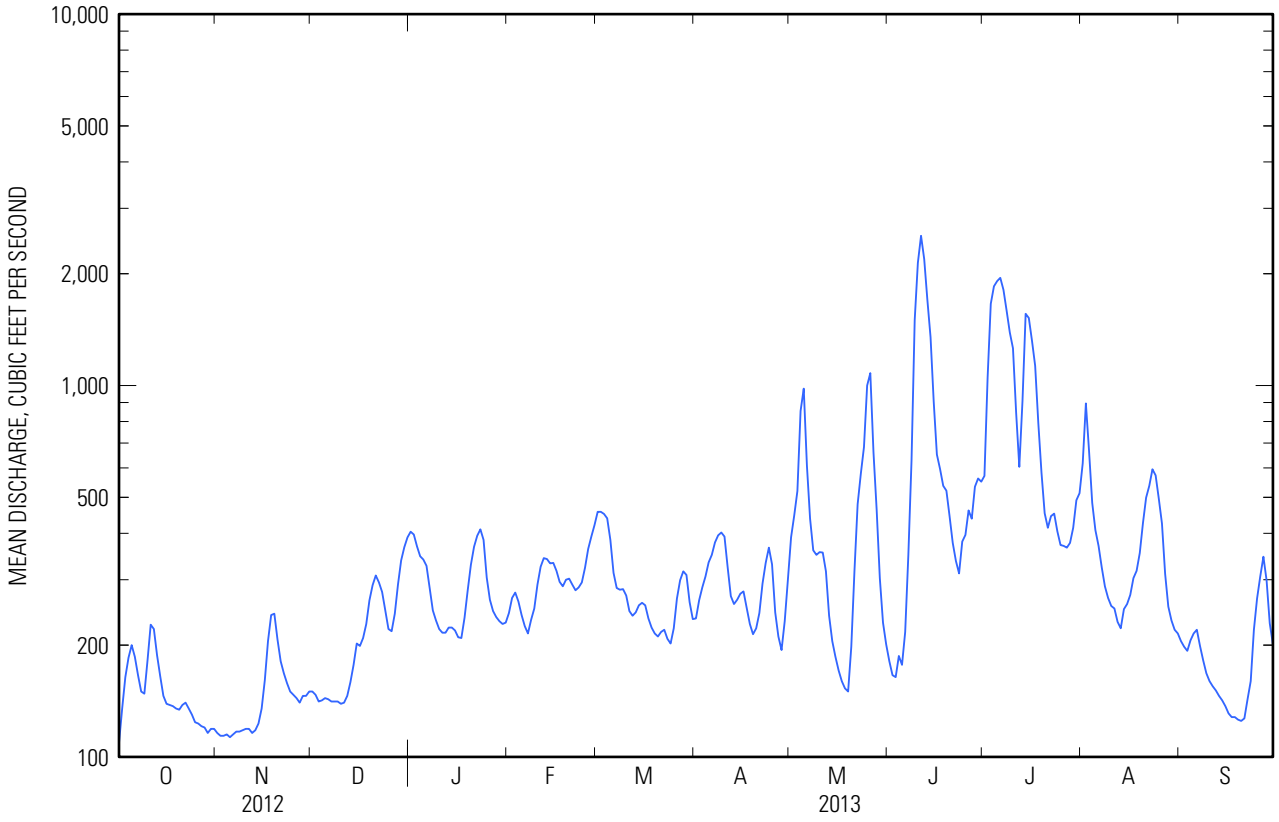
SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 1987 - 2013	
Annual total	71,769		131,973			
Annual mean	196		362		428	
Highest annual mean					875	2003
Lowest annual mean					204	2012
Highest daily mean	565	Apr 25	2,530	Jun 11	3,070	Mar 22, 1998
Lowest daily mean	58	Jul 10	109	Oct 1	28	Aug 13, 2002
Annual seven-day minimum	62	Jul 4	115	Nov 1	32	Aug 10, 2002
Maximum peak flow			2,580	Jun 11	3,380	Mar 22, 1998
Maximum peak stage			12.37	Jun 11	13.52	Mar 22, 1998
Instantaneous low flow			101	Oct 1	[a]27	Aug 13, 2002
Annual runoff (cfsm)	0.537		0.991		1.17	
Annual runoff (inches)	7.31		13.45		15.92	
10 percent exceeds	305		599		812	
50 percent exceeds	180		258		350	
90 percent exceeds	104		138		137	

[a] See Remarks.