02138520 CATAWBA RIVER AT SECONDARY ROAD 1223 BELOW LAKE JAMES NEAR BRIDGEWATER, NC

Santee Basin
Upper Catawba Subbasin

LOCATION.--Lat 35°44'25.3", long 81°50'04.8" referenced to North American Datum of 1983, Burke County, NC, Hydrologic Unit 03050101, on right bank about 500 ft downstream of Linville Dam, 2.5 mi northwest of Bridgewater and 8 mi west of Morganton.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--December 2008 to September 2009.

GAGE.--Water-gage recorder. Elevation of gage is 1,050 ft above National Geodetic Vertical Datum of 1929. Satellite telemetry at streamgage.

REMARKS.--No estimated daily discharges. Records good. Considerable regulation by Linville Dam, 500 ft upstream.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	599	216	1,610	1,780	782	2,390	279	239	119
2	---	---	---	596	216	1,070	1,760	359	2,400	193	239	117
3	---	---	---	413	213	1,760	1,790	358	2,400	246	112	114
4	---	---	---	412	399	1,780	805	605	2,440	249	119	118
5	---	---	---	803	414	1,800	418	612	2,430	247	112	247
6	---	---	---	800	421	268	413	878	1,760	217	116	242
7	---	---	---	839	318	314	905	1,360	1,210	209	112	241
8	---	---	---	1,180	124	117	896	1,360	706	193	239	115
9	---	---	---	1,760	214	508	317	960	550	204	240	115
10	---	---	2,490	786	225	104	330	970	411	247	217	117
11	---	---	947	510	228	94	1,980	880	1,270	532	315	116
12	---	---	433	985	226	602	299	605	1,270	320	226	246
13	---	---	415	1,170	217	1,070	600	598	1,250	417	219	242
14	---	---	1,660	1,170	237	1,190	893	602	1,090	408	217	119
15	---	---	2,350	1,110	216	1,170	888	520	1,040	391	321	119
16	---	---	1,320	1,180	411	392	1,230	610	868	405	341	117
17	---	---	1,320	797	407	406	1,170	1,070	612	234	114	120
18	---	---	1,330	784	32	595	599	1,600	931	237	112	117
19	---	---	1,330	790	225	583	601	1,360	884	237	113	252
20	---	---	1,330	607	886	589	833	656	922	110	115	1,140
21	---	---	1,350	607	371	294	793	820	919	112	115	2,420
22	---	---	415	466	119	311	793	528	603	111	257	2,420
23	---	---	413	313	293	596	789	291	199	115	278	2,410
24	---	---	409	218	423	842	782	289	528	112	113	2,300
25	---	---	410	215	408	1,770	360	362	574	241	114	1,410
26	---	---	416	322	408	1,740	363	1,930	479	251	113	1,820
27	---	---	466	219	425	1,200	373	1,950	250	114	117	2,420
28	---	---	406	199	418	818	793	2,400	272	153	114	1,840
29	---	---	792	216	---	596	792	2,410	310	137	252	314
30	---	---	596	411	---	1,640	785	2,410	312	113	252	321
31	---	---	598	215	---	2,500	---	2,380	---	110	118	---
Total	---	---	---	20,692	8,710	28,329	25,130	32,515	31,280	7,144	5,681	21,808
Mean	---	---	---	667	311	914	838	1,049	1,043	230	183	727
Max	---	---	---	1,760	886	2,500	1,980	2,410	2,440	532	341	2,420
Min	---	---	---	199	32	94	299	289	199	110	112	114
Cfsm	---	---	---	1.73	0.81	2.37	2.17	2.72	2.70	0.60	0.47	1.88
In.	---	---	---	1.99	0.84	2.73	2.42	3.13	3.01	0.69	0.55	2.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2009 - 2009, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	---	---	---	667	311	914	838	1,049	1,043	230	183	727
Max	---	---	---	667	311	914	838	1,049	1,043	230	183	727
(WY)	(---)	(---)	(---)	(2009)	(2009)	(2009)	(2009)	(2009)	(2009)	(2009)	(2009)	(2009)
Min	---	---	---	667	311	914	838	1,049	1,043	230	183	727
(WY)	(---)	(---)	(---)	(2009)	(2009)	(2009)	(2009)	(2009)	(2009)	(2009)	(2009)	(2009)

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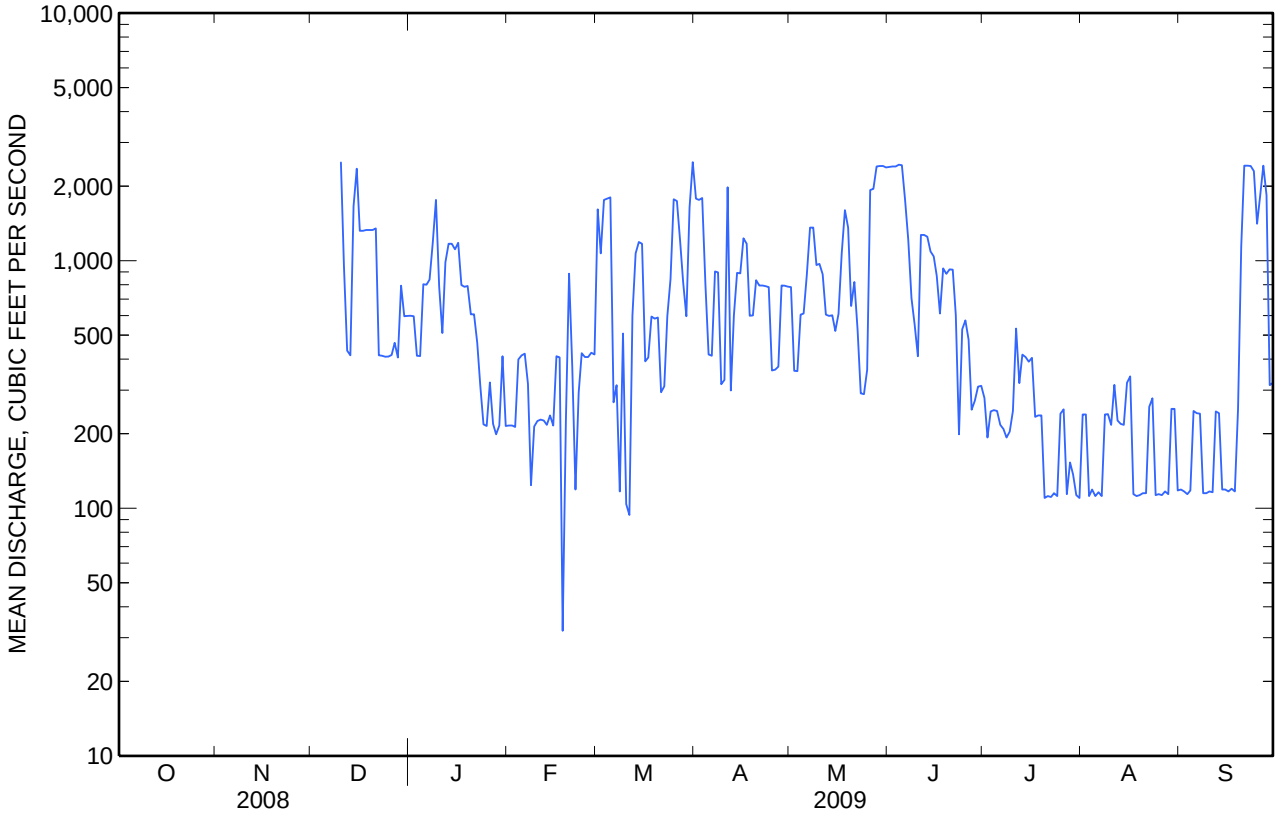
SUMMARY STATISTICS

	Water Year 2009	
Highest daily mean	2,500	Mar 31
Lowest daily mean	32	Feb 18
Annual seven-day minimum	148	Jul 18
Maximum peak flow	2,610	Mar 5
Maximum peak stage	5.14	Mar 5
Instantaneous low flow	1.2	Mar 11