03446000 MILLS RIVER NEAR MILLS RIVER, NC

LOCATION.--Lat 35°23'55", long 82°35'42", Henderson County, Hydrologic Unit 06010105, on right bank 1.5 mi downstream of confluence of North and South Forks, 1.8 mi northwest of Mills River, 4.2 mi northwest of Horseshoe, and at mile 4.6.

DRAINAGE AREA.--66.7 mi^2.

PERIOD OF RECORD.--September 1924 to September 1926, October 1933 to current year. Monthly discharge only for some periods, published in WSP 1306.

REVISED RECORDS.--WSP 823: Drainage area. WSP 923: 1935, 1937, 1939. WSP 1003: 1938, 1940-42. WSP 1143: 1940(P). WSP 1276: 1926.

GAGE.--Water-stage recorder. Datum of gage is 2,088.47 ft above sea level (levels by Tennessee Valley Authority). Prior to Oct. 1, 1926, nonrecording gage at site 500 ft upstream at 2,091.44 ft. Satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are fair. City of Hendersonville diverted about 2.85 ft^3/s from North Fork and Bradley Creek for municipal water supply. Maximum discharge for period of record, from rating curve extended above 6,200 ft^3/s on basis of slope-area measurement of peak flow. Minimum discharge for period of record and current water year result of freezeup.

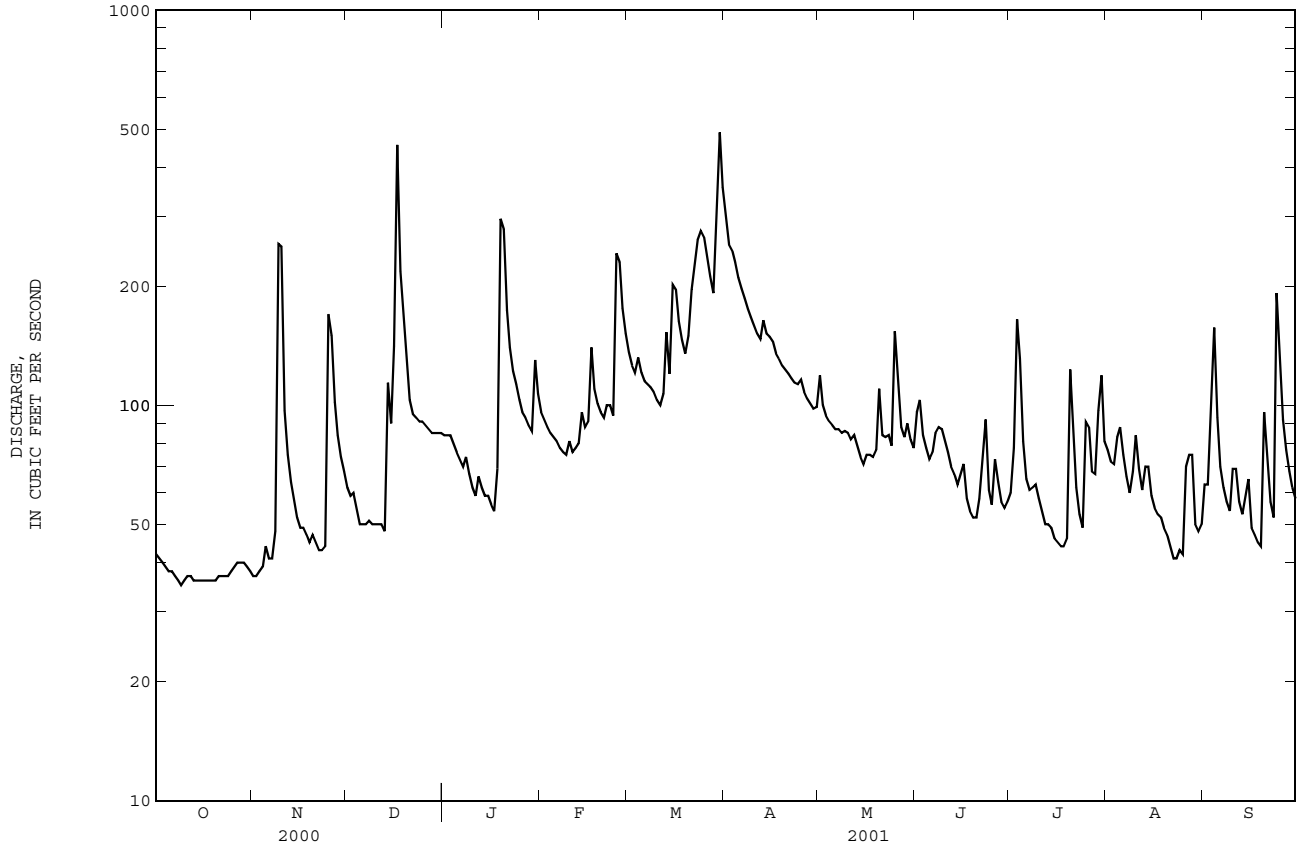
DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	42	37	62	e84	96	136	299	119	96	60	77	63
2	41	37	59	e84	92	126	255	100	103	78	72	63
3	40	38	60	e84	88	121	246	94	84	165	71	104
4	39	39	55	e80	85	132	230	91	78	131	83	157
5	38	44	e50	e76	83	121	210	89	73	81	88	93
6	38	41	e50	e73	81	115	197	87	76	65	75	70
7	37	41	e50	e70	78	113	186	87	85	61	66	62
8	36	48	51	74	76	111	175	85	88	62	60	57
9	35	256	50	67	75	108	167	86	87	63	68	54
10	36	252	50	e62	81	103	159	85	81	58	84	69
11	37	97	50	e59	76	100	152	82	76	54	69	69
12	37	75	50	66	78	107	147	84	70	50	61	57
13	36	64	48	62	80	153	164	79	67	50	70	53
14	36	58	114	59	96	120	152	74	63	49	70	59
15	36	52	90	59	88	202	149	71	67	46	59	65
16	36	49	141	56	91	196	145	75	71	45	55	49
17	36	49	455	54	140	163	135	75	58	44	53	47
18	36	47	218	69	110	146	131	74	54	44	52	45
19	36	45	165	296	101	135	126	77	52	46	49	44
20	36	47	e128	279	96	150	123	110	52	123	47	96
21	37	45	e103	174	93	196	120	84	58	87	44	74
22	37	e43	e95	140	100	224	117	83	73	62	41	57
23	37	e43	e93	122	100	262	114	84	92	53	41	52
24	37	44	e91	113	94	276	113	79	61	49	43	192
25	38	170	e91	103	242	266	116	154	56	91	42	137
26	39	150	e89	96	230	239	108	120	73	88	70	92
27	40	102	e87	93	176	212	104	88	64	68	75	77
28	40	84	e85	89	152	192	101	83	57	67	75	68
29	40	74	e85	86	---	307	98	90	55	97	50	62
30	39	68	e85	130	---	490	99	82	57	119	48	58
31	38	---	e85	107	---	356	---	78	---	81	50	---
TOTAL	1166	2239	2985	3066	2978	5678	4638	2749	2127	2237	1908	2245
MEAN	37.6	74.6	96.3	98.9	106	183	155	88.7	70.9	72.2	61.5	74.8
MAX	42	256	455	296	242	490	299	154	103	165	88	192
MIN	35	37	48	54	75	100	98	71	52	44	41	44
CFSM	.56	1.12	1.44	1.48	1.59	2.75	2.32	1.33	1.06	1.08	.92	1.12
IN.	.65	1.25	1.66	1.71	1.66	3.17	2.59	1.53	1.19	1.25	1.06	1.25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1925 - 2001,@ BY WATER YEAR (WY)

MEAN	125	142	162	199	220	245	236	187	151	119	127	113
MAX	465	510	338	534	499	520	468	412	359	356	506	354
(WY)	1965	1980	1962	1937	1998	1979	1957	1973	1992	1989	1940	1979
MIN	24.8	35.2	40.7	43.5	88.9	87.5	79.7	76.2	41.7	38.6	25.4	22.8
(WY)	1955	1955	1940	1956	1941	1988	1986	1988	1988	1988	1925	1925

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1925 - 2001@	
ANNUAL TOTAL	35936		34016			
ANNUAL MEAN	98.2		93.2		168	
HIGHEST ANNUAL MEAN					272	1949
LOWEST ANNUAL MEAN					86.8	1988
HIGHEST DAILY MEAN	710	Mar 20	490	Mar 30	4470	Aug 13 1940
LOWEST DAILY MEAN	35	Oct 9	35	Oct 9	18	Sep 30 1954
ANNUAL SEVEN-DAY MINIMUM	36	Oct 13	36	Oct 13	19	Sep 24 1954
MAXIMUM PEAK FLOW			680	Dec 17	13400*	Aug 30 1940
MAXIMUM PEAK STAGE			3.39	Dec 17	13.62	Aug 30 1940
INSTANTANEOUS LOW FLOW			32*	Nov 22	16*	Dec 24 1943
ANNUAL RUNOFF (CFSM)	1.47		1.40		2.53	
ANNUAL RUNOFF (INCHES)	20.04		18.97		34.32	
10 PERCENT EXCEEDS	176		164		300	
50 PERCENT EXCEEDS	79		78		135	
90 PERCENT EXCEEDS	41		41		54	

e Estimated.
@ See PERIOD OF RECORD.
* See REMARKS.

03446000 MILLS RIVER NEAR MILLS RIVER, NC--Continued