02118500 HUNTING CREEK NEAR HARMONY, NC

LOCATION.--Lat 36°00'00", long 80°44'44", Iredell County, Hydrologic Unit 03040102, on right bank 52 ft downstream of bridge on Secondary Road 2115, 0.8 mi downstream of Kennedy Creek, 1 mi east of Houstonville, 2 mi downstream of U.S. Highway 21, and 3.5 mi northeast of Harmony.

DRAINAGE AREA.--155 mi^2.

PERIOD OF RECORD.--October 1950 to current year. Monthly discharge only for some periods, published in WSP 1723.

REVISED RECORDS.--WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 734.78 ft above sea level. Prior to Apr. 5, 1951, nonrecording gage on upstream side of bridge at same datum. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Maximum gage height for period of record, from high-water mark in gage house. Minimum discharge for current water year also occurred Sept. 19, 20.

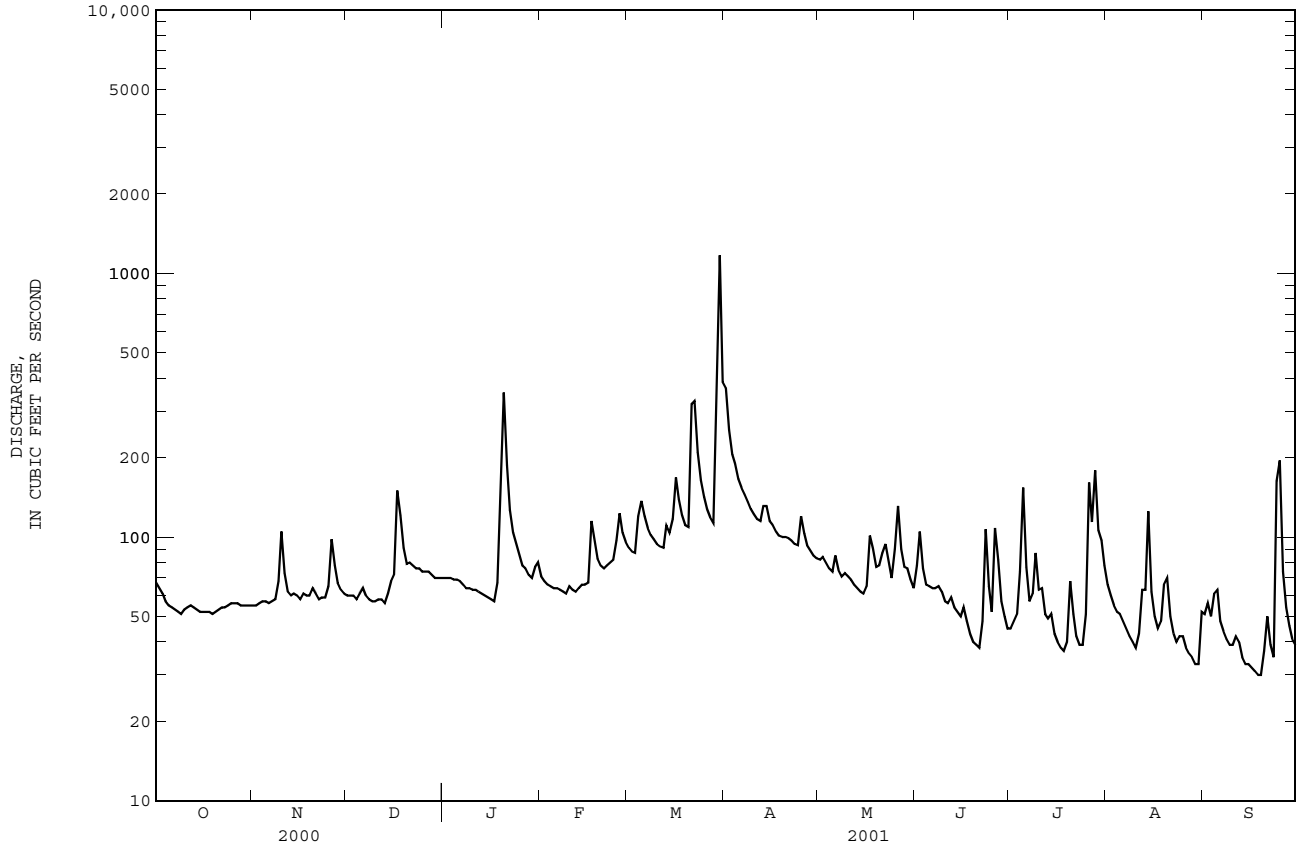
DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	67	55	60	e70	71	91	368	82	78	45	66	51
2	64	55	60	e70	68	88	255	84	105	48	60	56
3	61	56	60	e70	66	87	206	80	76	51	55	50
4	57	57	58	e69	65	120	189	76	66	74	52	61
5	55	57	61	e69	64	137	166	74	65	154	51	63
6	54	56	64	e68	64	120	154	85	64	77	48	48
7	53	57	60	e66	63	108	145	75	64	57	45	44
8	52	58	58	e64	62	102	136	71	65	61	42	41
9	51	68	57	e64	61	98	128	73	62	87	40	39
10	53	105	57	e63	65	94	122	71	57	63	38	39
11	54	73	58	e63	63	92	117	69	56	64	43	42
12	55	62	58	e62	62	91	115	66	59	51	63	40
13	54	60	56	e61	64	111	131	64	54	49	63	35
14	53	61	61	60	66	104	131	62	52	51	125	33
15	52	60	68	59	66	117	115	61	50	43	62	33
16	52	58	72	58	67	168	111	65	54	40	50	32
17	52	61	150	57	115	139	105	101	48	38	45	31
18	52	60	121	67	98	121	101	90	43	37	48	30
19	51	60	91	140	83	111	100	77	40	40	66	30
20	52	64	79	353	78	109	100	78	39	68	70	37
21	53	61	e80	187	76	320	99	87	38	51	50	50
22	54	58	e78	127	78	328	97	94	48	42	43	39
23	54	59	e76	104	80	210	94	80	107	39	40	35
24	55	59	e76	94	82	164	93	70	65	39	42	163
25	56	65	e74	85	97	142	120	90	52	51	42	195
26	56	98	e74	78	123	128	103	131	108	161	38	74
27	56	78	74	76	104	119	93	90	82	114	36	54
28	55	67	e72	72	96	113	89	77	57	179	35	46
29	55	63	e70	70	---	286	85	76	50	106	33	41
30	55	61	e70	77	---	1170	83	69	45	97	33	39
31	55	---	70	80	---	388	---	64	---	78	52	---
TOTAL	1698	1912	2223	2703	2147	5576	3951	2432	1849	2155	1576	1571
MEAN	54.8	63.7	71.7	87.2	76.7	180	132	78.5	61.6	69.5	50.8	52.4
MAX	67	105	150	353	123	1170	368	131	108	179	125	195
MIN	51	55	56	57	61	87	83	61	38	37	33	30
CFSM	.35	.41	.46	.56	.49	1.16	.85	.51	.40	.45	.33	.34
IN.	.41	.46	.53	.65	.52	1.34	.95	.58	.44	.52	.38	.38

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2001, BY WATER YEAR (WY)

MEAN	151	154	193	232	268	319	296	223	188	140	137	138
MAX	654	508	373	585	752	959	713	527	636	355	383	615
(WY)	1965	1978	1974	1978	1960	1975	1987	1990	1972	1987	1970	1979
MIN	50.0	56.9	53.1	56.4	76.7	123	101	78.5	61.6	41.2	39.4	40.4
(WY)	1955	1956	1956	1956	2001	1956	1995	2001	2001	1986	1997	1954

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1951 - 2001	
ANNUAL TOTAL	37586		29793			
ANNUAL MEAN	103		81.6		203	
HIGHEST ANNUAL MEAN					346	1960
LOWEST ANNUAL MEAN					81.6	2001
HIGHEST DAILY MEAN	690	Mar 21	1170	Mar 30	10400	Sep 22 1979
LOWEST DAILY MEAN	34	Aug 24	30	Sep 18	22	Sep 16 1956
ANNUAL SEVEN-DAY MINIMUM	37	Aug 24	32	Sep 13	23	Sep 2 1997
MAXIMUM PEAK FLOW			2210	Mar 30	14800	Sep 22 1979
MAXIMUM PEAK STAGE			9.17	Mar 30	25.05*	Sep 22 1979
INSTANTANEOUS LOW FLOW			29*	Sep 18	18	Oct 8 1954
ANNUAL RUNOFF (CFSM)	.66		.53		1.31	
ANNUAL RUNOFF (INCHES)	9.02		7.15		17.80	
10 PERCENT EXCEEDS	168		122		333	
50 PERCENT EXCEEDS	80		64		141	
90 PERCENT EXCEEDS	51		42		69	

e Estimated.
* See REMARKS.

02118500 HUNTING CREEK NEAR HARMONY, NC--Continued