02143500 INDIAN CREEK NEAR LABORATORY, NC

LOCATION.--Lat 35°25'20", long 81°15'52", Lincoln County, Hydrologic Unit 03050102, on left bank 250 ft upstream from remains of Rudisill Mill dam, 0.5 mi upstream from bridge on Secondary Road 1252, 1.5 mi south of Laboratory, 1.5 mi upstream from mouth, and 3.5 mi south of Lincolnton.

DRAINAGE AREA.--69.2 mi^2.

PERIOD OF RECORD.--August 1951 to current year.

REVISED RECORDS.--WDR NC-71-1: 1970(M). WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 736 ft above sea level, by barometer. Satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Minimum discharge for current water year also occurred Aug. 30.

EXTREMES OUTSIDE PERIOD OF RECORD.--Peak discharge of flood in October 1929 was 9,920 ft^3/s; flood in July 1916, 7,840 ft^3/s; flood in August 1940, 6,000 ft^3/s. Discharge based on computation of peak flow over dam 1 mi downstream, using floodmarks and information by local resident.

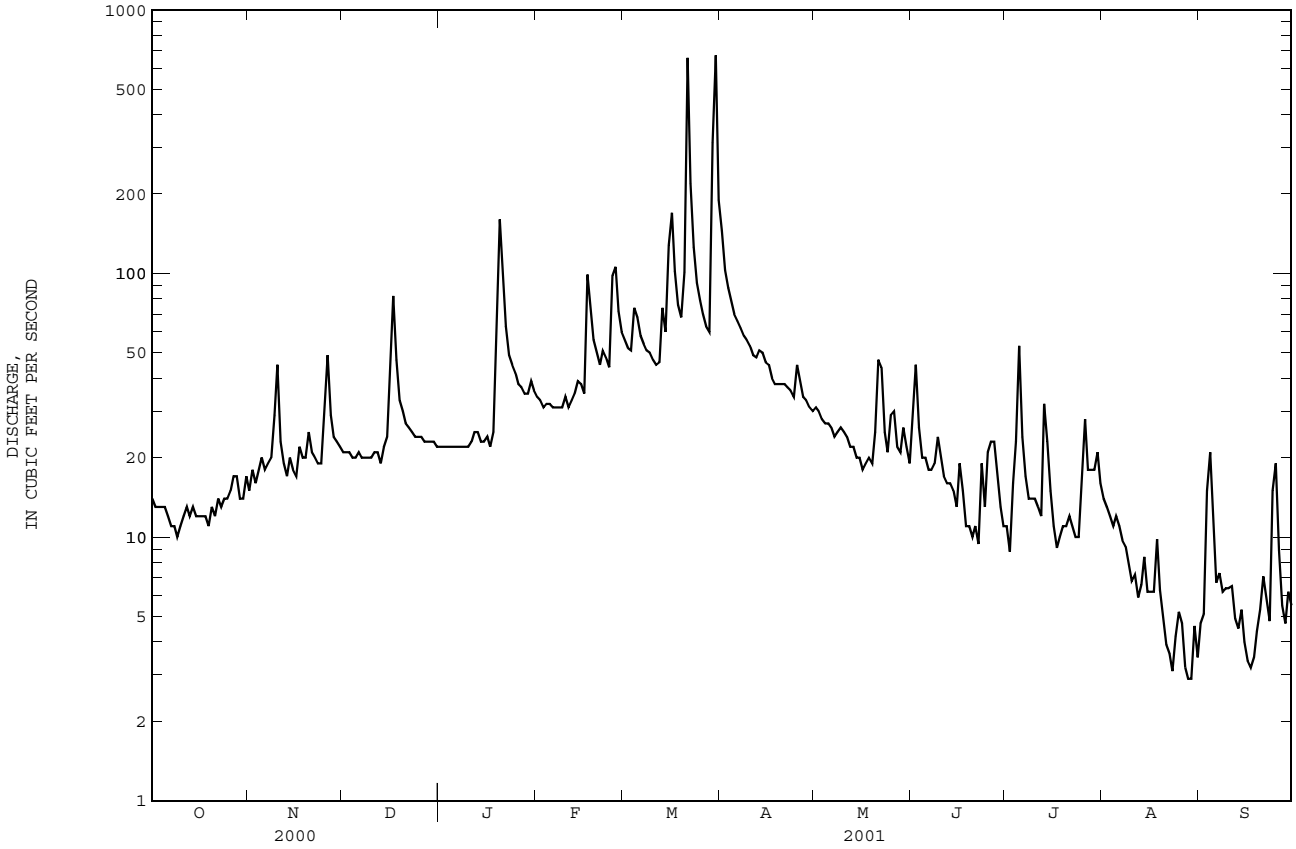
DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	15	21	e22	34	56	145	31	29	11	14	4.7
2	13	18	21	e22	33	52	103	30	45	8.8	13	5.1
3	13	16	21	e22	31	51	88	28	26	16	12	15
4	13	18	20	e22	32	74	79	27	20	23	11	21
5	13	20	20	e22	32	68	70	27	20	53	12	12
6	12	18	21	e22	31	58	66	26	18	24	11	6.7
7	11	19	20	e22	31	54	62	24	18	17	9.7	7.3
8	11	20	20	e22	31	51	58	25	19	14	9.2	6.2
9	10	29	20	e22	31	50	56	26	24	14	7.8	6.4
10	11	45	20	22	34	47	53	25	20	14	6.8	6.4
11	12	23	21	23	31	45	49	24	17	13	7.2	6.5
12	13	19	21	25	33	46	48	22	16	12	5.9	4.9
13	12	17	19	25	35	74	51	22	16	32	6.6	4.5
14	13	20	22	23	39	60	50	20	15	23	8.4	5.3
15	12	18	24	23	38	128	46	20	13	15	6.2	4.0
16	12	17	47	24	35	170	45	18	19	11	6.2	3.4
17	12	22	82	22	99	102	40	19	15	9.1	6.2	3.2
18	12	20	47	25	75	76	38	20	11	10	9.8	3.5
19	11	20	33	60	56	68	38	19	11	11	6.3	4.4
20	13	25	30	160	50	101	38	25	10	11	4.9	5.3
21	12	21	27	93	45	657	38	47	11	12	3.9	7.1
22	14	20	e26	63	51	219	37	44	9.4	11	3.6	5.9
23	13	19	e25	49	48	126	36	25	19	10	3.1	4.8
24	14	19	e24	45	44	92	34	21	13	10	4.2	15
25	14	32	e24	42	98	79	45	29	21	17	5.2	19
26	15	49	e24	38	106	70	39	30	23	28	4.7	8.9
27	17	29	e23	37	72	63	34	22	23	18	3.2	5.5
28	17	24	e23	35	60	60	33	21	17	18	2.9	4.7
29	14	23	e23	35	---	313	31	26	13	18	2.9	6.2
30	14	22	e23	39	---	672	30	22	11	21	4.6	5.5
31	17	---	e22	36	---	190	---	19	---	16	3.5	---
TOTAL	404	677	814	1142	1335	3972	1580	784	542.4	520.9	216.0	218.4
MEAN	13.0	22.6	26.3	36.8	47.7	128	52.7	25.3	18.1	16.8	6.97	7.28
MAX	17	49	82	160	106	672	145	47	45	53	14	21
MIN	10	15	19	22	31	45	30	18	9.4	8.8	2.9	3.2
CFSM	.19	.33	.38	.53	.69	1.85	.76	.37	.26	.24	.10	.11
IN.	.22	.36	.44	.61	.72	2.14	.85	.42	.29	.28	.12	.12

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

MEAN	67.2	65.2	88.5	119	137	153	116	86.3	71.8	50.8	52.9	43.2
MAX	324	272	236	313	309	424	301	250	165	130	275	155
(WY)	1965	1958	1968	1978	1960	1952	1958	1984	1962	1964	1970	1959
MIN	8.30	19.2	26.0	25.8	44.0	59.8	38.1	25.3	11.8	12.7	6.97	7.28
(WY)	1955	1955	1956	1956	1986	1986	1986	2001	1986	1986	2001	2001

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1951 - 2001	
ANNUAL TOTAL	15447.1		12205.7			
ANNUAL MEAN	42.2		33.4		87.4	
HIGHEST ANNUAL MEAN					145	1993
LOWEST ANNUAL MEAN					33.4	2001
HIGHEST DAILY MEAN	756	Mar 20	672	Mar 30	4350	Aug 10 1970
LOWEST DAILY MEAN	7.2	Jul 21	2.9	Aug 28	2.1	Jul 20 1986
ANNUAL SEVEN-DAY MINIMUM	8.4	Aug 13	3.7	Aug 23	3.1	Jul 16 1986
MAXIMUM PEAK FLOW			1140	Mar 30	8450	Aug 10 1970
MAXIMUM PEAK STAGE			4.15	Mar 30	10.61	Aug 10 1970
INSTANTANEOUS LOW FLOW			2.4*	Aug 28	1.7	Jul 21 1986
ANNUAL RUNOFF (CFSM)	.61		.48		1.26	
ANNUAL RUNOFF (INCHES)	8.30		6.56		17.17	
10 PERCENT EXCEEDS	70		60		147	
50 PERCENT EXCEEDS	26		22		55	
90 PERCENT EXCEEDS	11		6.4		23	

e Estimated.
* See REMARKS.

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