

SANTEE RIVER BASIN

1032

02143500 INDIAN CREEK NEAR LABORATORY, NC

LOCATION--Lat 35°25'14", long 81°15'55", 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 mi².

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 and crest-stage gage. Elevation of gage is 736 ft above NGVD of 1929, by barometer. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records good. Minimum discharge for period of record also occurred Sept. 14, 2002. Minimum discharge for current water year also occurred Aug. 11.

EXTREMES OUTSIDE PERIOD OF RECORD.--Peak discharge of flood in October 1929 was 9,920 ft³/s; flood in July 1916, 7,840 ft³/s; flood in August 1940, 6,000 ft³/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 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	55	51	56	61	55	81	159	83	34	147	29	49
2	54	52	54	61	54	79	90	84	26	81	32	40
3	51	51	53	61	137	75	77	77	24	65	32	37
4	53	51	57	61	96	71	70	64	25	58	29	35
5	52	53	67	63	77	69	65	56	26	61	26	34
6	52	88	61	64	312	72	61	53	24	49	26	33
7	54	78	57	58	511	68	60	50	25	42	23	210
8	55	63	56	58	147	61	59	46	24	38	22	2,450
9	68	58	55	60	105	61	58	46	34	36	21	1,120
10	61	56	91	60	90	61	57	58	30	33	20	193
11	66	56	144	57	81	59	56	44	25	36	20	128
12	60	56	85	57	106	59	87	44	23	45	211	98
13	56	53	74	57	99	56	329	52	28	44	93	80
14	54	51	222	56	86	55	216	43	47	33	44	71
15	57	52	157	56	85	59	109	42	62	30	40	65
16	51	53	104	54	88	69	89	39	81	28	38	63
17	52	53	98	55	76	62	79	44	44	27	33	111
18	52	54	88	63	74	60	73	40	31	34	713	135
19	51	114	81	61	71	61	67	39	35	43	144	74
20	52	94	74	55	70	57	64	37	28	33	72	61
21	51	69	69	54	68	58	62	35	75	28	61	57
22	50	63	69	55	63	55	59	33	91	27	140	54
23	47	61	68	54	62	54	57	32	60	26	66	50
24	48	60	68	55	62	54	54	31	302	25	106	48
25	48	61	64	56	61	54	52	29	134	23	73	47
26	51	57	62	59	63	55	55	28	121	27	50	46
27	66	57	62	57	75	57	65	28	65	45	45	47
28	62	61	62	56	77	57	53	26	67	37	41	478
29	58	63	60	57	84	54	49	26	65	39	40	155
30	53	57	65	60	---	60	49	28	74	63	40	94
31	52	---	62	58	---	92	---	37	---	38	40	---
TOTAL	1,692	1,846	2,445	1,799	3,035	1,945	2,480	1,374	1,730	1,341	2,370	6,163
MEAN	54.6	61.5	78.9	58.0	105	62.7	82.7	44.3	57.7	43.3	76.5	205
MAX	68	114	222	64	511	92	329	84	302	147	713	2,450
MIN	47	51	53	54	54	54	49	26	23	23	20	33
CFSM	0.79	0.89	1.14	0.84	1.51	0.91	1.19	0.64	0.83	0.63	1.10	2.97
IN.	0.91	0.99	1.31	0.97	1.63	1.05	1.33	0.74	0.93	0.72	1.27	3.31

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2004, BY WATER YEAR (WY)

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02143500 INDIAN CREEK NEAR LABORATORY, NC—Continued

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1951 - 2004
ANNUAL TOTAL	61,585	28,220	87.6
ANNUAL MEAN	169	77.1	171 21.8
HIGHEST ANNUAL MEAN			2003 2002
LOWEST ANNUAL MEAN			
HIGHEST DAILY MEAN	3,590	Mar 20	4,350 Aug 10, 1970
LOWEST DAILY MEAN	41	Jan 27	0.32 Aug 12, 2002
ANNUAL SEVEN-DAY MINIMUM	43	Jan 16	0.45 Aug 9, 2002
MAXIMUM PEAK FLOW			8,450 Aug 10, 1970
MAXIMUM PEAK STAGE		6.87 Sep 8	10.61 Aug 10, 1970
INSTANTANEOUS LOW FLOW		17* Aug 10	0.25* Aug 12, 2002
ANNUAL RUNOFF (CFSM)	2.44	1.11	1.27
ANNUAL RUNOFF (INCHES)	33.11	15.17	17.20
10 PERCENT EXCEEDS	229	97	147
50 PERCENT EXCEEDS	85	57	55
90 PERCENT EXCEEDS	51	31	22

* See REMARKS.

