

## SANTEE RIVER BASIN

0214269560 KILLIAN CREEK NEAR MARIPOSA, NC

LOCATION.--Lat 35°26'03", long 81°01'49", Lincoln County, Hydrologic Unit 03050101, on right bank, 1,000 ft upstream from Forney Creek, 1.5 mi northwest of Lowesville, 1.7 mi upstream from bridge on Secondary Road 1511, and 2.4 mi northeast of Mariposa.

DRAINAGE AREA.--36.4 mi<sup>2</sup>.

PERIOD OF RECORD.-- October 1990 to June 1993, December 1994 to current year.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 643.085 ft above sea level (levels by Duke Power Co).  
Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Station was established to study low-flow conditions for Duke Power Co., no structure exists near the site for measuring high-stage flow; therefore, a peak flow was not determined to coincide with the peak stage for the year. Missing values on the daily values table are days when the flow exceeded the rating. Minimum discharges may be affected by diversions by Duke Power.

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	9.1	7.6	9.6	e7.8	14	22	---	14	20	9.4	7.8	.84
2	8.8	7.8	9.6	e7.6	13	21	44	14	19	---	7.8	4.2
3	8.6	8.1	9.6	e7.5	13	21	40	13	11	---	7.5	14
4	8.4	8.5	9.5	e8.0	13	35	36	12	9.4	16	7.7	24
5	8.2	8.9	9.3	e8.0	13	31	32	12	9.0	36	8.2	19
6	8.1	8.4	9.3	e7.9	12	25	30	12	8.3	12	7.5	15
7	8.0	8.4	8.7	e7.8	12	22	28	11	8.9	9.0	6.4	13
8	7.4	8.8	8.5	e14	12	21	26	11	8.8	8.5	5.8	10
9	7.1	12	8.3	e10	e13	19	25	12	9.8	8.9	4.3	10
10	7.3	16	8.9	e8.9	e17	18	22	11	8.6	8.0	3.7	12
11	7.7	10	9.4	e8.5	e13	18	20	11	7.5	7.0	3.4	8.8
12	7.7	9.3	9.4	e12	e14	18	28	10	6.9	7.1	3.2	5.6
13	7.8	9.1	9.1	12	e15	23	23	10	7.6	7.9	5.1	5.4
14	7.7	11	11	11	16	19	22	9.3	7.4	7.8	8.8	4.4
15	7.6	10	10	11	14	---	20	9.1	6.8	6.7	5.6	2.4
16	7.5	9.5	15	11	14	---	20	8.8	6.5	6.1	4.0	1.6
17	6.9	11	27	10	50	33	18	8.7	6.4	5.6	3.9	1.6
18	6.4	10	18	11	30	26	18	9.3	5.7	5.4	5.9	1.7
19	6.3	11	e15	---	22	23	18	9.0	5.3	5.4	7.2	1.6
20	6.9	12	e13	---	19	---	17	19	5.0	5.9	3.9	5.3
21	7.3	10	e12	42	18	---	17	12	4.7	5.7	2.4	9.3
22	7.3	9.8	e11	28	21	---	17	16	7.1	5.5	1.9	4.5
23	7.2	9.5	e10	23	19	43	17	12	12	5.3	.96	3.0
24	7.2	9.4	e10	20	17	35	17	9.6	7.2	5.7	2.5	15
25	7.5	13	e9.5	18	---	31	23	11	6.8	7.8	3.2	20
26	7.5	16	e9.3	17	45	27	17	12	19	17	1.4	9.4
27	7.6	12	e9.1	16	29	25	15	9.9	8.8	9.1	1.2	7.4
28	7.5	11	e9.1	15	25	24	16	10	7.2	7.8	.75	4.6
29	7.4	10	e9.0	15	---	---	16	12	6.4	8.4	.75	3.0
30	7.6	10	e8.5	17	---	---	15	9.6	5.9	9.2	.78	2.6
31	7.6	---	e8.2	15	---	---	---	8.7	---	7.7	.80	---

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1991 - 2001 <sup>®</sup>
LOWEST DAILY MEAN	3.6 Jul 11	.75 Aug 28	.75 Aug 28 2001
INSTANTANEOUS PEAK STAGE		9.27 Mar 29	15.25 Apr 29 1997
INSTANTANEOUS LOW FLOW		.62 Aug 23	.62 Aug 23 2001

e Estimated.

<sup>®</sup> See PERIOD OF RECORD.

0214269560 KILLIAN CREEK NEAR MARIPOSA, NC--Continued

