

0214269560 KILLIAN CREEK NEAR MARIPOSA, NC

LOCATION.--Lat 35°26'03", long 81°01'48", 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 mi².

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 NGVD of 1929 (levels by Duke Power Co). Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. 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 discharge for current water year also occurred July 26 and Aug. 11. Minimum discharges may be affected by diversions by Duke Power. No flow also occurred Aug. 14, Sept. 10-13, 2002.

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	22	19	21	24	23	39	55	43	14	19	12	9.1
2	22	18	20	24	23	34	35	56	12	15	13	8.8
3	20	18	20	24	---	30	30	49	11	25	14	8.5
4	20	18	21	24	45	28	27	36	11	25	10	8.1
5	20	20	27	26	31	27	25	28	12	28	9.5	7.9
6	20	17	24	27	---	28	24	25	11	17	8.9	8.0
7	20	22	28	23	---	26	24	23	12	14	7.9	---
8	21	20	38	23	50	24	24	21	12	12	7.6	---
9	35	19	22	25	38	24	23	20	13	11	7.4	---
10	26	18	42	24	35	24	22	24	11	10	7.3	33
11	28	18	56	23	32	24	22	20	10	16	7.0	25
12	25	18	34	24	49	24	34	20	9.5	11	---	21
13	23	18	30	24	47	23	---	19	10	10	---	19
14	22	17	---	23	37	23	---	18	17	9.8	18	18
15	23	17	53	23	37	24	43	18	24	8.7	23	17
16	19	18	39	22	41	28	39	17	20	8.2	20	17
17	19	18	40	22	34	27	33	21	13	8.4	14	---
18	19	18	35	26	33	25	29	19	12	12	17	42
19	19	30	33	24	31	25	28	17	13	14	14	22
20	19	29	30	22	30	23	27	16	16	9.7	12	18
21	19	24	29	22	29	24	26	16	38	8.1	15	16
22	19	23	28	22	27	22	24	14	23	7.9	15	15
23	17	22	28	22	26	21	23	13	15	8.7	12	15
24	17	22	28	22	25	21	22	12	14	7.9	11	14
25	17	22	26	23	24	21	22	12	23	7.1	13	14
26	18	21	26	25	25	21	23	12	46	17	10	13
27	23	22	25	25	29	21	25	13	22	---	9.9	16
28	21	22	25	24	30	21	21	12	21	18	9.2	---
29	21	22	25	25	38	21	20	12	17	29	9.1	---
30	19	21	26	26	---	23	19	12	16	31	10	42
31	18	---	24	25	---	35	---	15	---	14	9.2	---

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1991 - 2004 [@]
LOWEST DAILY MEAN	15	Sep 20	7.0 Aug 11
MAXIMUM PEAK STAGE			7.52 Sep 28
INSTANTANEOUS LOW FLOW			6.8* Jul 25
			0.00 Aug 13, 2002
			15.25 Apr 29, 1997
			0.00* Aug 13, 2002

[@] See PERIOD OF RECORD.
* See REMARKS.

0214269560 KILLIAN CREEK NEAR MARIPOSA, NC—Continued

