

Water-Data Report CA-2005

**11060910 LYTLE CREEK LEAKAGE BELOW SOUTHERN CALIFORNIA EDISON CO.'S DIVERSION DAM,  
NEAR FONTANA, CA**

Santa Ana River Basin

LOCATION.--Lat 34°13'53", long 117°29'10" referenced to North American Datum of 1983, in SW ¼ NW ¼ sec.26, T.2 N., R.6 W., San Bernardino County, Hydrologic Unit 18070203, 75 ft downstream from Southern California Edison Co.'s diversion dam, 1.2 mi southeast of Lytle Creek, and 9.5 mi northwest of Fontana.

DRAINAGE AREA.--Indeterminate.

**WATER-DISCHARGE RECORDS**

PERIOD OF RECORD.--October 2003 to current year (instantaneous values only, based on discharge measurements).

GAGE.--None. Elevation of gage is 2,780 ft above NAVD of 1988, from topographic map.

REMARKS.--No regulation upstream from station. Southern California Edison Co.'s Lytle Creek Conduit (station 11060900) diverts water from Lytle Creek at diversion dam, approximately 75 ft upstream. Measured flow at this station represents leakage from the diversion dam and nearby sandbox. Weekly discharge measurements are normally made at this station to verify that the Southern California Edison Co.'s diversion operations are not affecting the amount of leakage through the Lytle Creek diversion dam. Few measurements were made from late October 2004 through the end of the 2005 water year due to large storms which resulted in the diversion being turned out for much of the year, as well as spill over the diversion dam and at the adjacent sandbox. Measurements are generally not made, and are not required, when the diversion is turned out, or the diversion dam and sandbox are spilling.

COOPERATION.--Records were provided by Southern California Edison Co., under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project No. 1932.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge observed, 0.08 ft<sup>3</sup>/s, Oct. 1, 2003, Feb. 19, Apr. 20, 2004; no flow at times in most years.

EXTREMES FOR CURRENT YEAR.--No flow observed on Oct. 4, Oct. 6, and Oct. 12. All subsequent site visits documented non-leakage flow (turnout of diversion, spill, and/or bypass flow).

11060910 LYTLE CREEK LEAKAGE BELOW SOUTHERN CALIFORNIA EDISON CO.'S DIVERSION DAM, NEAR FONTANA, CA—Continued

DISCHARGE, CUBIC FEET PER SECOND  
 WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
 DAILY INSTANTANEOUS VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	0.00	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	0.00	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	0.00	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---