

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, CA, 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.

SURFACE-WATER 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.

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.

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. Relatively few measurements were made during the 2007 water year, due to spill conditions that persisted through most of the year. Measurements are generally not made, and are not required, when the diversion is turned out, or the diversion dam and sandbox are spilling.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge observed, 0.21 ft³/s, July 25, 2007; no flow at times in some years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge observed, 0.21 ft³/s, July 25; minimum discharge observed, 0.05 ft³/s, May 24, 30,

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**DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY INSTANTANEOUS VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	0.10	---
4	---	---	---	---	---	---	---	---	0.07	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	0.06	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	0.06	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	0.06	---	---	---
22	---	---	---	---	---	---	---	0.06	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	0.05	---	---	---	---
25	---	---	---	---	---	---	---	---	---	0.21	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	0.05	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---