

## 11414440 FAUCHERIE LAKE NEAR CISCO CA

**LOCATION.**--Lat 39°25'45", long 120°34'04" referenced to North American Datum of 1927, in SE 1/4 NE 1/4 sec.13, T.18 N., R.12 E., Nevada County, CA, Hydrologic Unit 18020125, Tahoe National Forest, near right bank end of Faucherie Dam on Canyon Creek, and 8.5 mi north of Cisco.

**DRAINAGE AREA.**--8.97 mi<sup>2</sup>.

**ESTABLISHMENT AND HISTORY.**--October 1964 by USGS.

**GAGE.**--Design Analysis H350 XL data logger and HSA Air Force II Bubbler, connected to a Design Analysis H-222 DASE GOES Satellite Transmitter and a Teledesign radio transmitter. Outside gage in 7 standard enameled sections, vertical, on redwood bolted to galvanized steel channels on right bank just upstream from dam.

Datum of gage is at mean sea level (levels by Nevada Irrigation District).

**REGULATION AND DIVERSIONS.**--Flow is normally released through outlet tunnel and valve in right bank side of rock-fill dam. Ungated sidehill spillway is on right bank.

**ACCURACY.**--Good.

**COOPERATION.**--Nevada Irrigation District operates the gage.

**JUSTIFICATION.**--Required under FERC license 2266 to record elevation and storage in a small project reservoir.

**REMARKS.**--Usable contents of Faucherie Lake are 3,740 acre-ft between spillway crest at elevation 6,123.0 ft., capacity, 3,980 acre-ft., and invert of outlet tunnel at 6,090.0 ft., capacity, 240 acre-ft