

## 11414465 SAWMILL LAKE NEAR GRANITEVILLE CA

**LOCATION.**--Lat 39°26'44", long 120°36'02" referenced to North American Datum of 1927, in NW 1/4 NW 1/4 sec.11, T.18 N., R.12 E., Nevada County, CA, Hydrologic Unit 18020125, Tahoe National Forest, near right bank end of Sawmill Lake Dam, on Canyon Creek, 0.8 mi upstream from Bowman Lake, and 7.2 mi east of Graniteville.

**DRAINAGE AREA.**--16.4 mi<sup>2</sup>.

**ESTABLISHMENT AND HISTORY.**--Dam initially constructed prior to 1880, then raised in 1941. Records reviewed by USGS beginning Oct 1965. Water-stage recorder and telemetry system installed 11/22/99 in concrete-block gage house on right bank side of dam. Prior to this data are instantaneous readings by NID personnel.

**GAGE.**--Design Analysis H350/355 combo installed 11/22/99, upgraded to XL 9/3/08 and added Design Analysis H222 DASE GOES Satellite transmitter

Outside staff is on sloping redwood with steel backing on dam face; limits 40' to 64' marked at half foot intervals.

**REGULATION AND DIVERSIONS.**--Flow is normally released through valve in dam.

**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 Sawmill Lake are 3,380 acre-ft between flashboard elevation 5,863' and elevation 5,805', bottom of dam. Usual maximum capacity at elev. 5,860', contents 3030 acre-ft.