

11414690 JACKSON LAKE NEAR SIERRA CITY CA

LOCATION.--Lat 39°27'52", long 120°33'44" referenced to North American Datum of 1927, in SW 1/4 SW 1/4 sec.31, T.19 N., R.13 E., Nevada County, CA, Hydrologic Unit 18020125, Tahoe National Forest, on outlet structure on Jackson Lake Dam on Jackson Creek, 3.0 mi upstream from Bowman Lake, and 8.0 mi southeast of Sierra City.

DRAINAGE AREA.--0.65 mi².

ESTABLISHMENT AND HISTORY.--October 4, 1964 by USGS. Records reviewed by USGS beginning October 1964.

GAGE.--Design Analysis H350XL/355 pressure transducer and data logger / air compressor connected to a Design Analysis H-222 DASE GOES satellite transmitter and TeleDesign radio telemetry unit which transmits data to the office and is logged on a computer.

Outside gage: sloping staff on outlet structure; limits 0.0 to 24'.

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 Jackson Lake are 974 acre-ft between spillway crest at elevation of 6592.67' and invert of outlet valve at elevation of 6570'.