

11407800 JACKSON MEADOWS RESERVOIR NEAR SIERRA CITY CA

LOCATION.--Lat 39°30'33", long 120°33'08" referenced to North American Datum of 1927, in NW 1/4 SE 1/4 sec.18, T.19 N., R.13 E., Sierra County, CA, Hydrologic Unit 18020125, Tahoe National Forest, on right bank at Jackson Meadows Dam on Middle Yuba River, 0.7 mi downstream from Pass Creek, and 5.7 mi southeast of Sierra City.

DRAINAGE AREA.--37.4 mi².

ESTABLISHMENT AND HISTORY.--Nov 11, 1964 by USGS.

GAGE.--Design Analysis H350XL/355 combo, Design Analysis H-222 DASE GOES Satellite Transmitter and Tele Design radio transmitter log to computer in NID office.

Outside gage is in 10 vertical staffs and 4 sloping staffs on Right Bank upstream from dam and one vertical staff on the downstream corner of the right wall of the diversion tunnel intake.

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

FLOODS.--Maximum contents, 71,000 acre-ft May 31, June 1, 1993, elevation 6037.78 ft.

REGULATION AND DIVERSIONS.--Discharge normally released through outlet tunnel and valves in right side of dam.

ACCURACY.--Good.

COOPERATION.--Nevada Irrigation District operates site.

JUSTIFICATION.--Required under FERC license 2266.

REMARKS.--Usable capacity 66,700 acre-ft, between elevations 5933.0 ft (bottom of intake tower) and 6,036.0 ft. (Top of spillway tainter gates.) Dead storage 2,500 acre-ft.

At gage height 6,036.0 Storage = 69,205 AF (Gates Closed)

At gage height 6,021.0 Storage = 54,133 AF (Gates Open)