11292800 Beardsley Lake near Strawberry, CA

San Joaquin River Basin

LOCATION.--Lat 38°12′17″, long 120°04′31″ referenced to North American Datum of 1927, in SE ¼ NW ¼ sec.14, T.4 N., R.17 E., Tuolumne County, CA, Hydrologic Unit 18040010, in Stanislaus National Forest, in hoist house of Beardsley Dam on Middle Fork Stanislaus River, 2.4 mi upstream from Spring Gap Powerplant, 3.9 mi west of Strawberry, and 4.7 mi west of Pinecrest.

DRAINAGE AREA.--309 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 1957 to current year. Prior to October 1960, published as "Lake Hartley near Strawberry."

REVISED RECORDS.--WSP 1930: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 7.84 ft above NGVD of 1929 (levels by Oakdale and South San Joaquin Irrigation Districts).

COOPERATION.--Records were provided by Oakdale and South San Joaquin Irrigation District, in connection with Federal Energy Regulatory Commission project no. 2005.

REMARKS.--Records for 2007 water year did not meet U. S. Geological Survey requirements and were not published. Reservoir is formed by rock-fill, earth-core dam completed in 1957. Capacity, 98,500 acre-ft, between gage heights 3,145.0 ft, tunnel invert, and 3,398.0 ft, top of spillway gates. No dead storage. Reservoir is used for power and conservation storage. Water passes through Beardsley Powerplant, is diverted at Beardsley Afterbay to J.W. Southern Powerplant at Sand Bar Flat on the Middle Fork Stanislaus River, and then diverted to Stanislaus Powerplant at the head of New Melones Reservoir (station 11299000). Records, including extremes, represent contents at 2400 hours. See schematic diagram of Stanislaus River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 98,700 acre-ft, June 27, 1957, gage height, 3,398.2 ft; minimum since reservoir first filled, 3 acre-ft, Sept. 23, 1976, gage height, 3,154.4 ft.