

11453900 Lake Berryessa near Winters, CA

Sacramento River Basin

LOCATION.--Lat 38°30'48", long 122°06'13" referenced to North American Datum of 1927, in SE ¼ NW ¼ sec.29, T.8 N., R.2 W., Napa County, CA, Hydrologic Unit 18020117, near center of Monticello Dam on Putah Creek, and 7.4 mi west of Winters.

DRAINAGE AREA.--566 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--January 1957 to current year.

REVISED RECORDS.--WSP 1735: 1958-60. WSP 1931: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by U.S. Bureau of Reclamation).

COOPERATION.--Records provided by U.S. Bureau of Reclamation. Total evaporation provided by U.S. Bureau of Reclamation, not reviewed by U.S. Geological Survey.

REMARKS.--Records for 2013 water year did not meet U.S. Geological Survey requirements and were not published. Reservoir is formed by concrete arch-gravity dam completed November 1956. Usable capacity, 1,592,000 acre-ft, between elevations 253.25 ft, invert of outlet valves, and 440 ft, crest of glory-hole spillway. Dead storage, 10,340 acre-ft. Water is released down Putah Creek and is diverted into Putah South Canal (station 11454210) for irrigation of about 46,000 acres in the lower Sacramento Valley. Total diverted during current year was 217,100 acre-ft. Releases for irrigation began in May 1959. Records, including extremes, show total contents at 2400 hours. See schematic diagram of lower Sacramento River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 1,733,500 acre-ft, Mar. 2, 1983, elevation, 446.67 ft; minimum since irrigation pool first filled, 422,130 acre-ft, Dec. 1, 1992, elevation, 361.73 ft.

**Capacity table (elevation, in feet, and contents, in acre-feet)
(Based on survey by U.S. Bureau of Reclamation in 1956)**

Elevation	Contents	Elevation	Contents	Elevation	Contents
360	404,550	390	765,730	420	1,236,000
370	511,760	400	911,200	430	1,414,200
380	632,360	410	1,068,100	450	1,799,900