



ISABELLA LAKE, CA CONSTRUCTION

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG.

Location & Description

Isabella Lake Dam (consisting of a Main Dam, Auxiliary Dam and service spillway) is located about 40 miles northeast of Bakersfield in Kern County, California, and became fully operational in 1953. The Main Dam is located near the confluence of the north and south forks of the Kern River and the Auxiliary Dam is located about half a mile east of the Main Dam. The Main Dam is a 185-foot-high earth-fill dam, and the Auxiliary Dam is a 100-foot-high earth-fill dam. The service spillway is located between the two dams. The reservoir (Isabella Lake) has a gross storage capacity of 568,075 acre feet.

November 2022



USACE and Contractor pose for a group photo at the Main Dam in celebration of top elevation core materials placement.

Advisory

- USACE are following the latest CDC guidelines to ensure the safety of our employees and our partners, and to take necessary precaution to prevent the spread of COVID-19.
- The Phase II Dams and Spillways contractor continues construction activities. As a result, the site including Engineers Point is an active construction area and is off limits to the public.
- Corps policy prohibits public operation of unmanned aircraft systems, such as drones, on or above federal lands and waters managed by USACE. The policy is intended to ensure critical infrastructure security and public safety.

Looking Ahead (Next 30+ days)

- November 1st marks the start of flood season.
- On October 25th the Contractor placed the final wall section of the Labyrinth Weir and this marks the substantial completion of the Phase II project dam safety risk reduction measures.
- There will be ongoing construction efforts into spring/summer 2023; that will not affect the functionality of the project and includes road work, utilities, emergency spillway concrete apron, site restoration, disposal of waste materials, final clean-up of local rock surfaces, and demobilization.
- In support of the USFS Visitor's Center project, USACE Sacramento District accepted the Offer to Sell for the former Bank of America property on 20 Sept 2022. The Sacramento District is working to close on the property sale and begin design efforts by end of year.

Current Lake Status (as of November 1, 2022)

The current pool resides at 36,369 acre-feet (elevation 2,536 feet-IPD), which is 10% of restricted pool and 21% of flood conservation pool.

As part of our interim risk reduction measures, Isabella Lake is restricted to 361,250 acre-feet (elevation 2,585.5 feet-IPD) outside of flood season. During flood season (~November-March), flood conservation pool is restricted to 170,000 acre-feet (elevation 2,560.4 feet-IPD). Current lake status can be viewed at https://www.spk-wc.usace.army.mil/plots/california_new.html?name=isb&year=2022&interval=d&tab=plot&window=wy

Completion Milestones	
Pre-Construction Engineering and Design	Complete
Construction of USFS Fire Station and Admin Facilities	Complete
Dams and Spillways Construction	2023
Permanent Operations Facilities	2024
U.S. Forest Service Visitor's Information Center	2025

U.S. ARMY CORPS OF ENGINEERS, SACRAMENTO DISTRICT, 1325 J ST., SACRAMENTO, CA 95814

www.spk.usace.army.mil/Missions/CivilWorks/IsabellaDam.aspx

916-557-5100

Isabella@usace.army.mil