

From: "Lombardi, Kyle" <Kyle.Lombardi@mail.house.gov>
To: "Cameron, Scott J" <scott_cameron@ios.doi.gov>
Cc: "Nelson, James M" <james_m_nelson@ios.doi.gov>
Subject: [EXTERNAL] RE: Shasta Storage/Inflow/Outflow Information
Date: Fri, 21 Feb 2025 17:01:34 +0000
Importance: Normal

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Thanks, Scott. Will be in touch if I have any questions.

Kyle Lombardi
Rep. Doug LaMalfa (CA-01)
202-225-3076

From: Cameron, Scott J <scott_cameron@ios.doi.gov>
Sent: Friday, February 21, 2025 8:50 AM
To: Lombardi, Kyle <Kyle.Lombardi@mail.house.gov>
Cc: Nelson, James M <james_m_nelson@ios.doi.gov>
Subject: FW: Shasta Storage/Inflow/Outflow Information

Hi Kyle,
Is this responsive to your inquiry about the current level of Shasta?

Thanks,
Scott

Scott J. Cameron
Senior Advisor to the Secretary, exercising the delegated authority of the Assistant Secretary – Water and Science and exercising the delegated authority of the Assistant Secretary – Insular and International Affairs

202.330.1398

From: Palumbo, David M <DPalumbo@usbr.gov>
Sent: Thursday, February 20, 2025 10:35 PM
To: Cameron, Scott J <scott_cameron@ios.doi.gov>
Subject: Shasta Storage/Inflow/Outflow Information

Hi Scott:

Below is some information related to Shasta Storage, Inflow, and Outflow considerations.

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We absolutely can follow up with any additional information.

Thank you,

David

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Shasta Operations Update 2/20/25 - DRAFT

1. Shasta Reservoir Capacity is 4.55 million acre-feet (MAF)
2. Shasta Reservoir storage is currently at 3.511 MAF (77% full and 115% of the 15-year average)
3. Shasta Reservoir is currently above the flood control limit (encroached) by 85 thousand acre-feet (Shasta was encroached by as much as 777 TAF on 2/7/25 with major storm activity), which included inflow rates reaching as high as 118,000 cfs
4. Shasta is designed to absorb these large inflow events to allow flows from other rivers into the Sacramento River to pass and avoid downstream flooding
5. Shasta releases are currently ramping down at the maximum allowable reduction rate and will be down to 10,000 cfs release by 2/25
6. Shasta releases are expected to be lower than the projected inflows into Shasta Reservoir in the coming days, and therefore, is expecting to start to gain in storage starting this weekend
7. Projected Shasta storage in the February dry forecast (i.e., 90% exceedance) is over 4 MAF (89% full) and it is likely that Shasta will fill this year
8. We are maximizing storage and not draining the reservoir
9. The February forecast show that reservoir storage levels, including Shasta, will not be a limiting factor in CVP allocations
10. Shasta flood control operations are characterized by the need to absorb large inflows while other rivers are running high to prevent flooding downstream in the Sacramento River. Shasta releases are then increased post-storm as a function of level of encroachment, forecasted inflows and downstream flooding considerations. Finally, releases are then decreased according to ramping rates as a function of current and forecasted inflows and level of encroachment.
11. Ramping rates are prescribed as part of the underlining CVP water right permit conditions (California State Water Resources Control Board Order 90-5) that allow Reclamation to develop and deliver federal water supplies. Ramping rates are also a part of our CVP federal ESA coverage.
12. An operational priority of Shasta Dam is to manage flood risk to downstream communities, like Redding, CA
13. Reclamation has expert technical staff that are working under the direction of the administration to be aggressive in their efforts to maximize storage, hydropower, and pumping. They are doing so.

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