



Bureau of Indian Affairs

Western Nevada Agency

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Website: <https://www.bia.gov/WeberDamResponse>

Weber Dam Response

Key Messages July 19, 2023

Emergency Action Plan Response Level One

Status of Weber Dam and Reservoir

- Weber Dam remains at a [Response Level 1](#)
- Weber Reservoir and the roads leading to it are CLOSED to the general public.
- [DOWL](#), an engineering, planning, surveying, and Professional Services Firm with an office in Reno, Nevada is providing 24/7 monitoring services of the facility. Still photos taken every 10 minutes are available for viewing using the [Weber Reservoir Web Cam](#).

Status of the Weber Dam Spillways

Service Spillway

An inspection of the Dam in May 2023 revealed open and offset joints between the Dam’s service spillway slabs and sediment in the service spillway drains, early indications the soil under the service spillway chute may be experiencing erosion.

- The service spillway is functioning normally.

Emergency Spillway

- The Emergency spillway will be used ONLY as a last resort if the service spillway chute fails, and the gates need to be closed. BIA has taken proactive measures to improve the emergency spillway channel.

Flood Forecast

The average stream flow above Weber Reservoir for the month of July (records date back to 1901) is approximately 250 cubic feet per second (cfs). The streamflow into the reservoir is currently 950 cfs. This is almost four times the average streamflow into the reservoir that would occur at this time in a normal year.

- With this current rate, the gates of the service spillway need to remain open.
- Assuming the service spillway continues to function normally, BIA anticipates closing the spillway gates and filling the reservoir when the streamflow into the reservoir drops to approximately 700 cfs.
- Best estimate projections for when streamflow rates will return to normal are based on National Weather Service 30-day forecasts. At present flow rates, BIA does not anticipate closing the service spillway gates before sometime in early September.
- An inspection of the spillway chute will occur after the service spillway gates are fully close.
- Once streamflow into the reservoir drops below 575 cfs, the dam operators can resume their normalized irrigation operations and control the reservoir water level using the outlet works (tunnel) and fishway with the service spillway gates closed.

Walker RV Abv Weber Res NR Schurz, NV - 10301600

June 19, 2023 - July 19, 2023

Streamflow, ft³/s ⓘ

