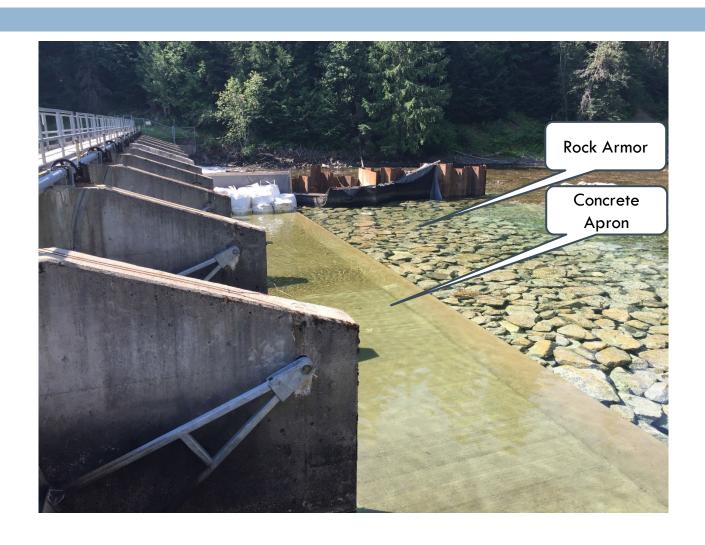




Previous Work: 2020-2021



South Side Work to be Completed



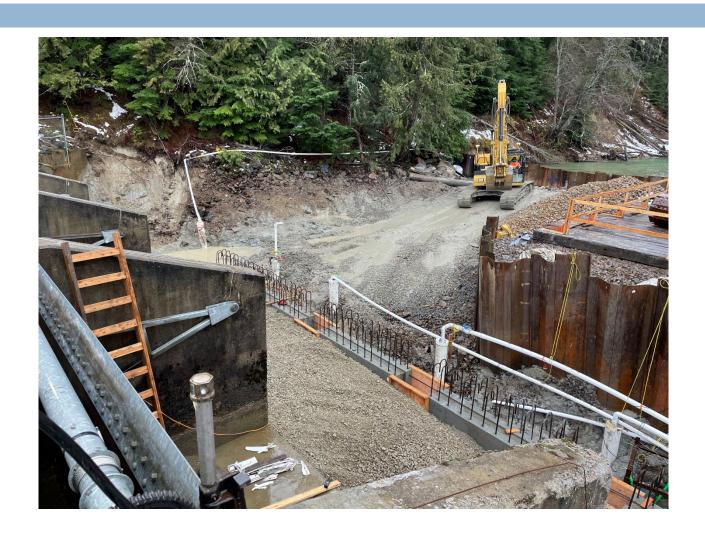
North Side Flume Preparation



North Side Flume in Use



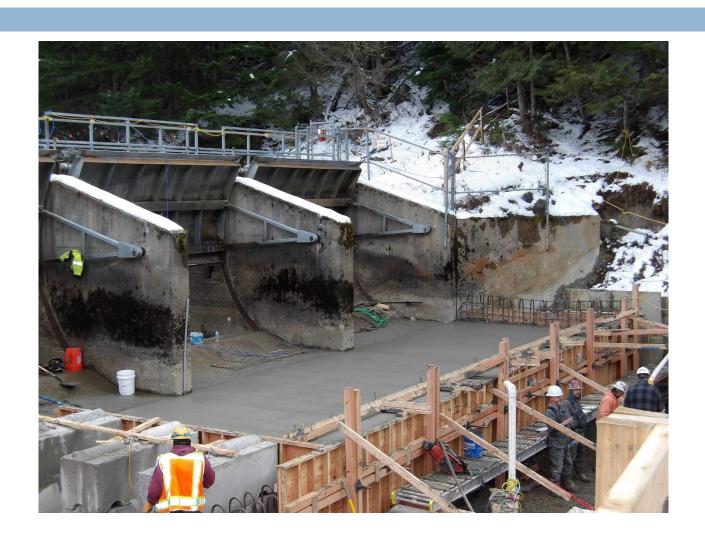
South Side Preparation



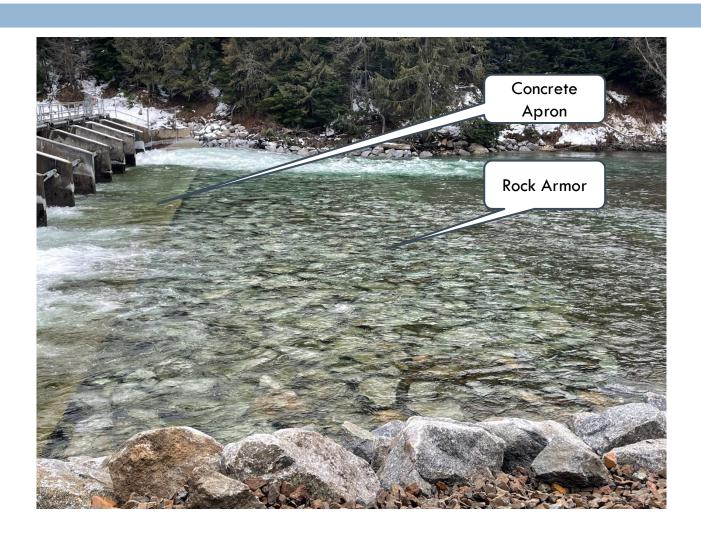
South Side Preparation - Continued



South Side Concrete Poured



Work Completed

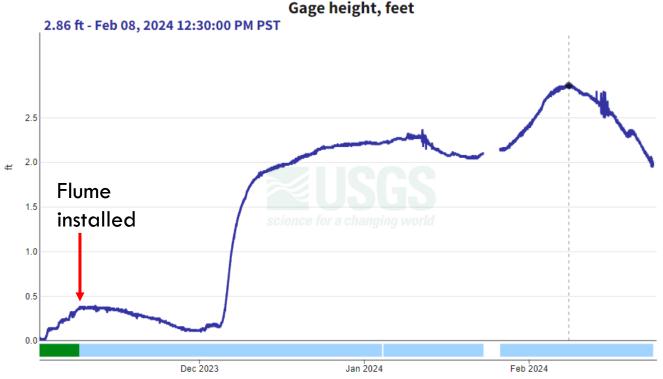


Lake Level - Conditions

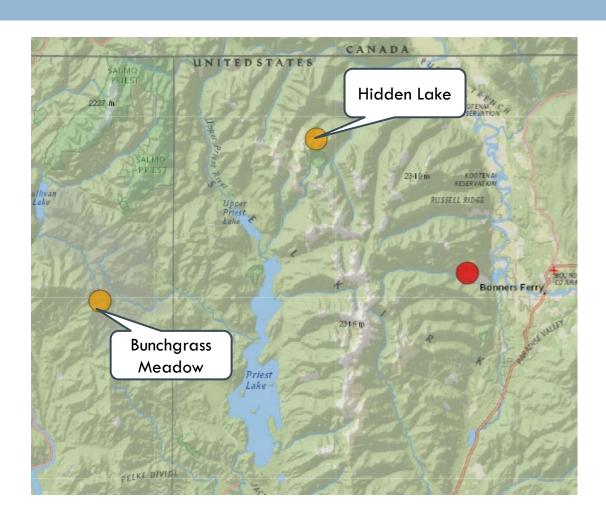
- Oct1 Nov1Winter pool
- Flume max
 flow 800 cfs
- Snow, then warm temperatures
- Rain-on-snow

Priest Lake at Outlet NR Coolin ID - 12393000

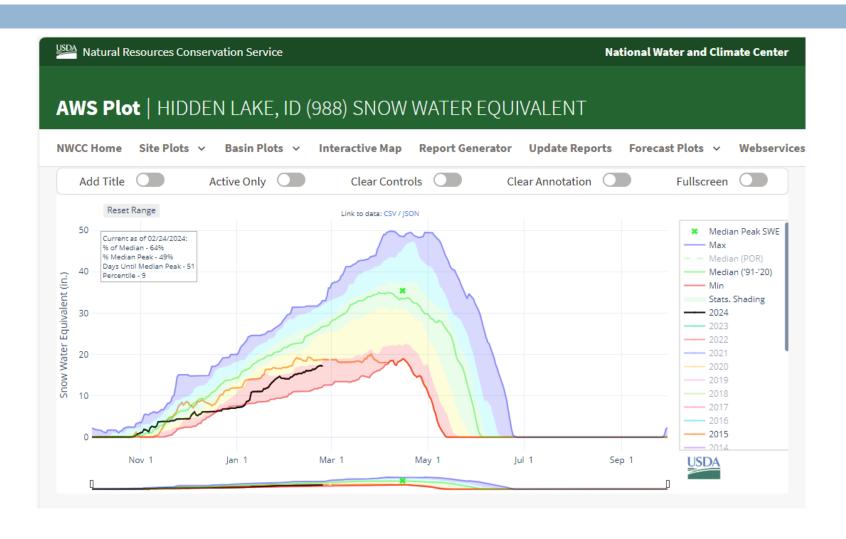
November 1, 2023 - February 24, 2024



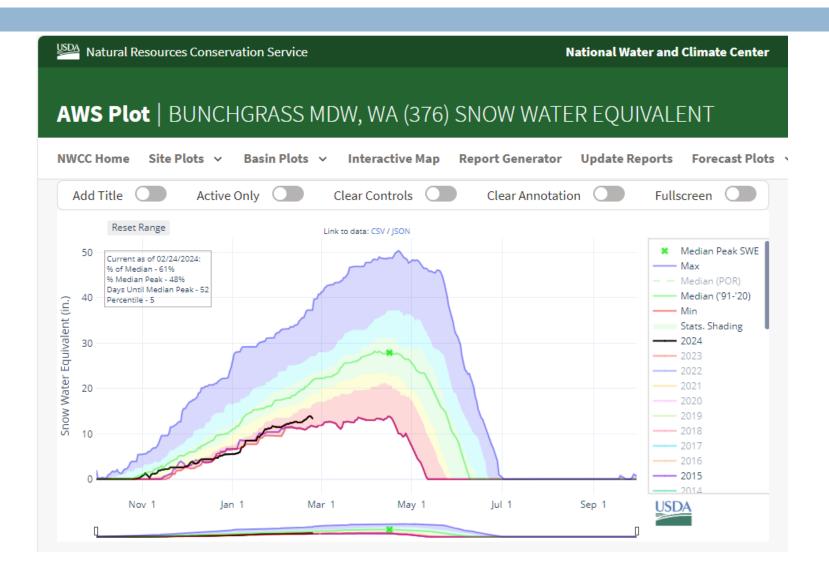
NRCS SNOTEL Sites



SNOTEL Site - Hidden Lake



Snotel Site – Bunchgrass Meadow

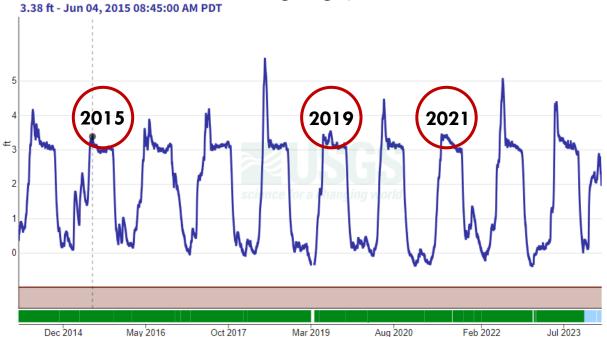


Limited Spring Runoff

- Current snow drought
- Likely will need to bring lake level up by Memorial Day

Priest Lake at Outlet NR Coolin ID - 12393000

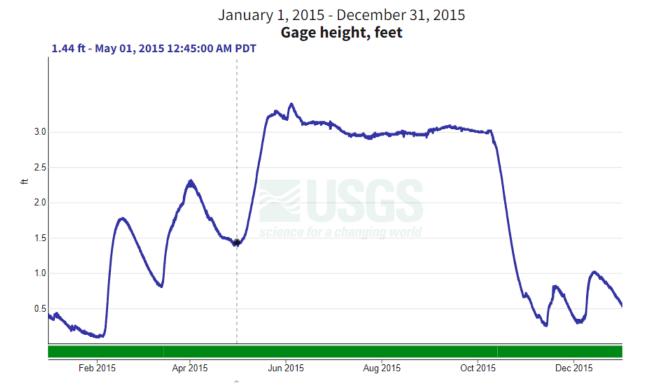
February 26, 2014 - February 24, 2024 **Gage height, feet**



Closer Look at 2015

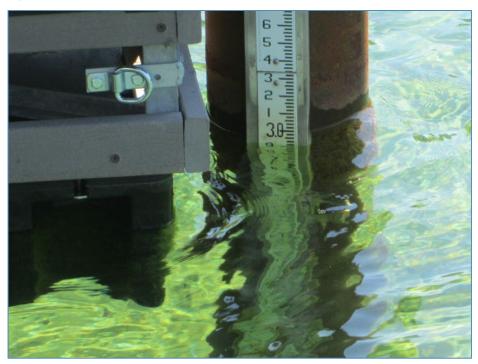
- Lake level just below 1.5 feet on May 1st
- Gate operations brought the lake level up

Priest Lake at Outlet NR Coolin ID - 12393000

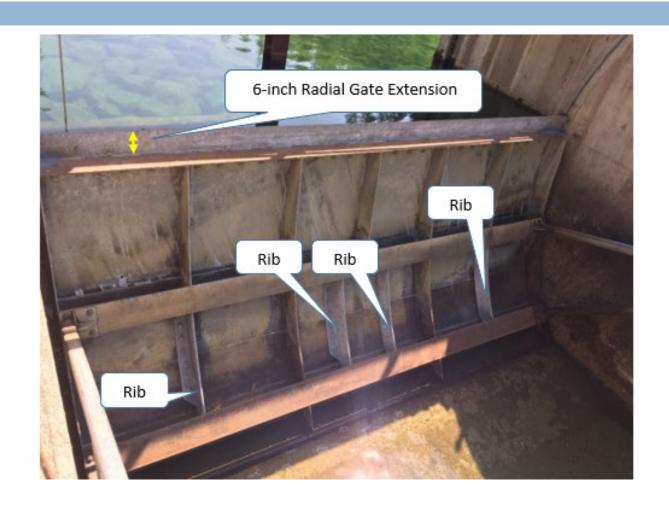


Effects of 2015 Drought

- Northern Idaho experienced one of the most severe droughts on record.
- Level held at 3.0 ft on Outlet Gage in compliance with IC through August 30, 2015
- USGS measurements determined discharge at dam was reduced to roughly 42.5 cfs on July 28, 2015 to maintain 3.0 ft lake level
- Board study led to dam modifications
- Hydrology section involvement



Previous Gate Changes - 2022



2024 Lake Level Planning

- Build up to 3.0 feet by Memorial Day
- Aim for 3.3-3.5 feet by Early Summer
- Through Summer, allow evaporation to drop the lake level while preserving river flow

