





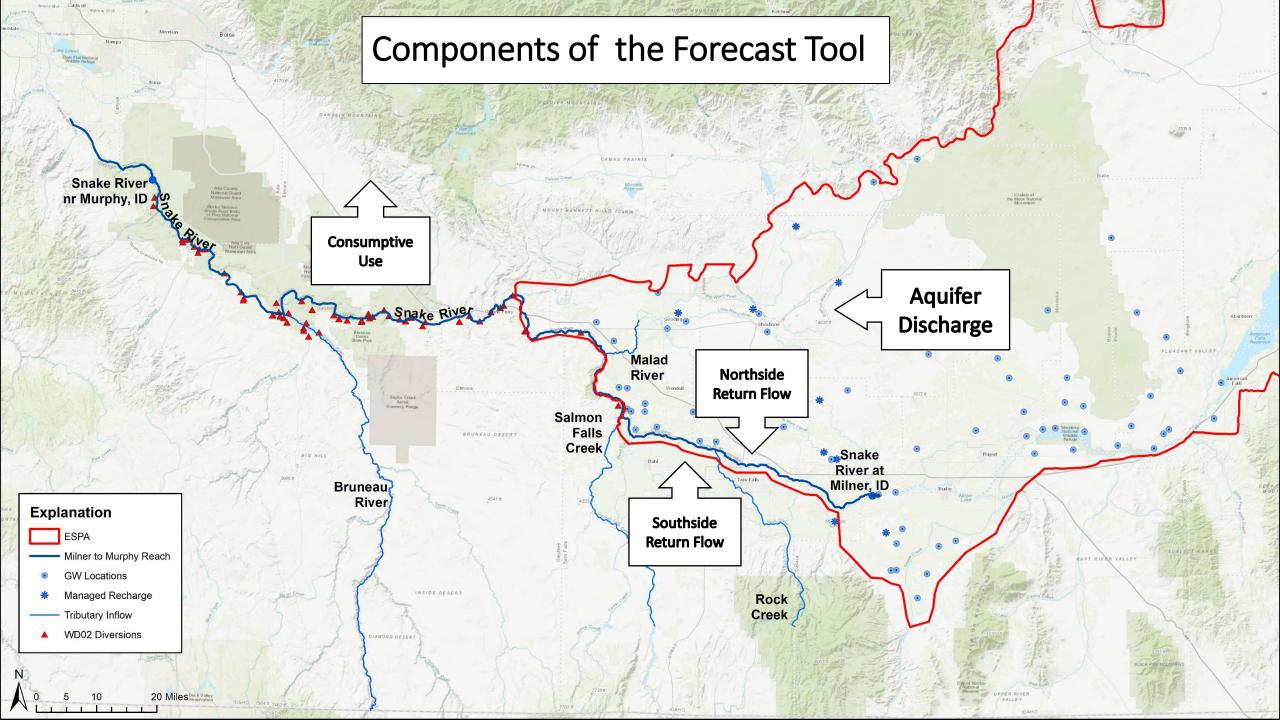




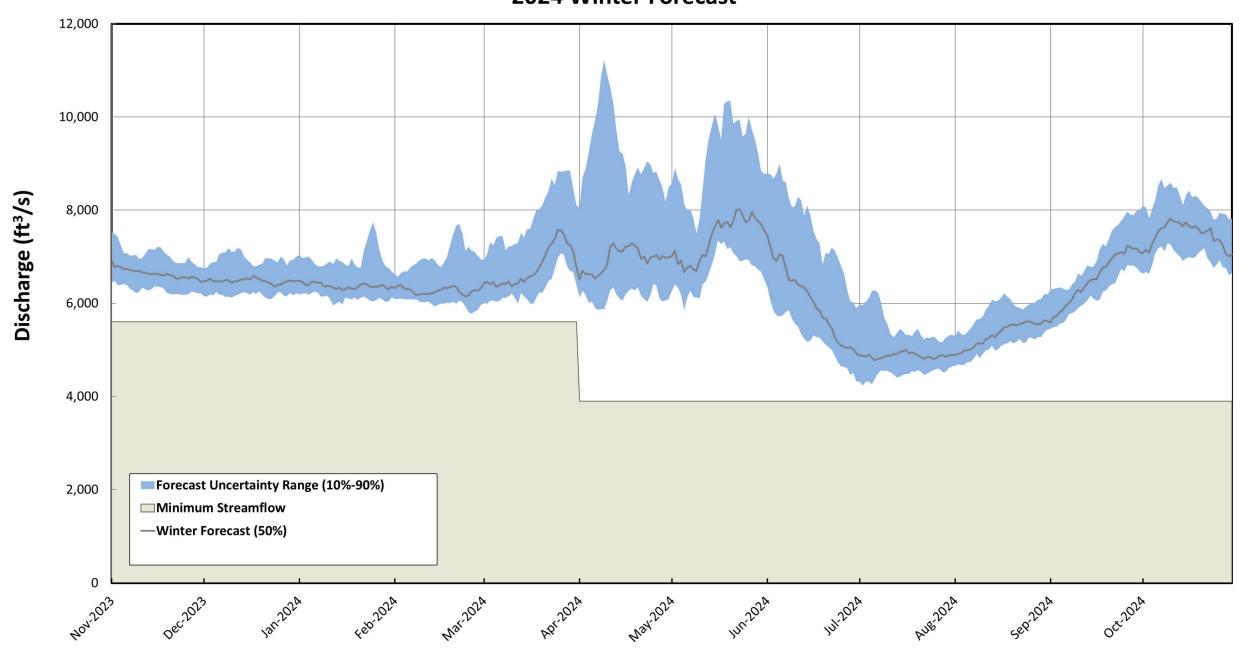


Swan Falls Forecast Tool

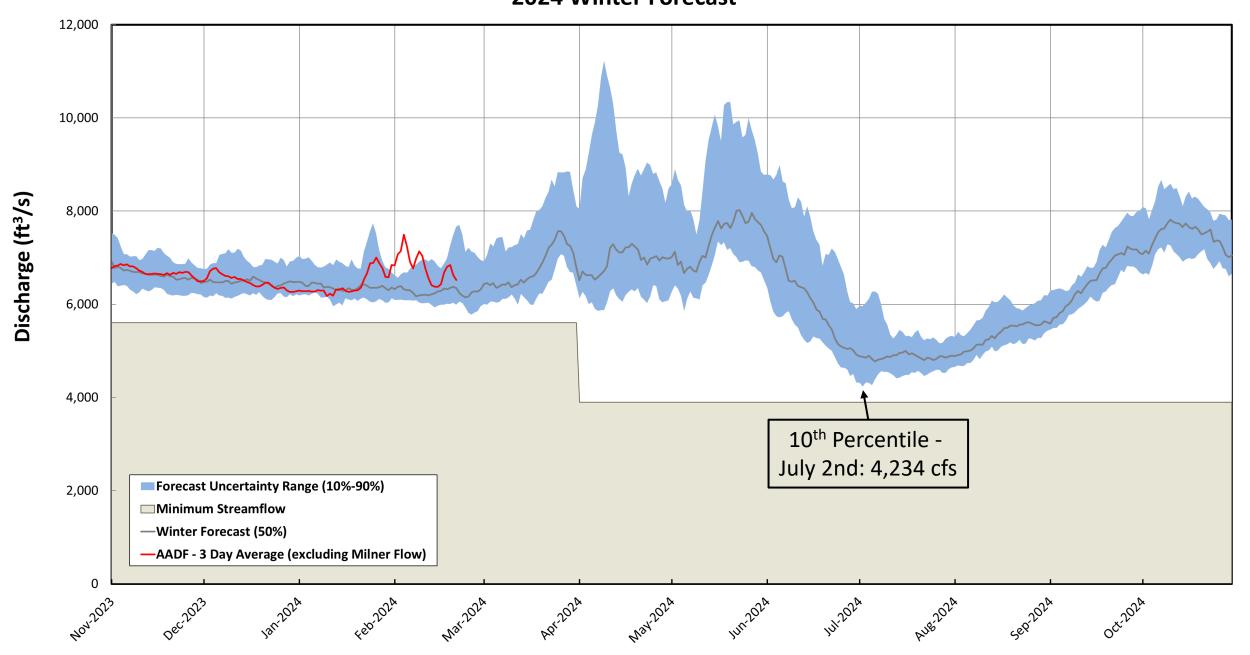
- Spreadsheet-based tool developed by CH2M Hill (Jacobs Engineering) in cooperation with IDWR and stakeholders
- Tool is used to forecast the reach gain for the Milner to Murphy reach during the low flow period in the summer
 - June through August
 - ESPA discharge is the main contributor to the reach during this time of year
- Winter and Spring forecasts run twice a year



2024 Winter Forecast



2024 Winter Forecast



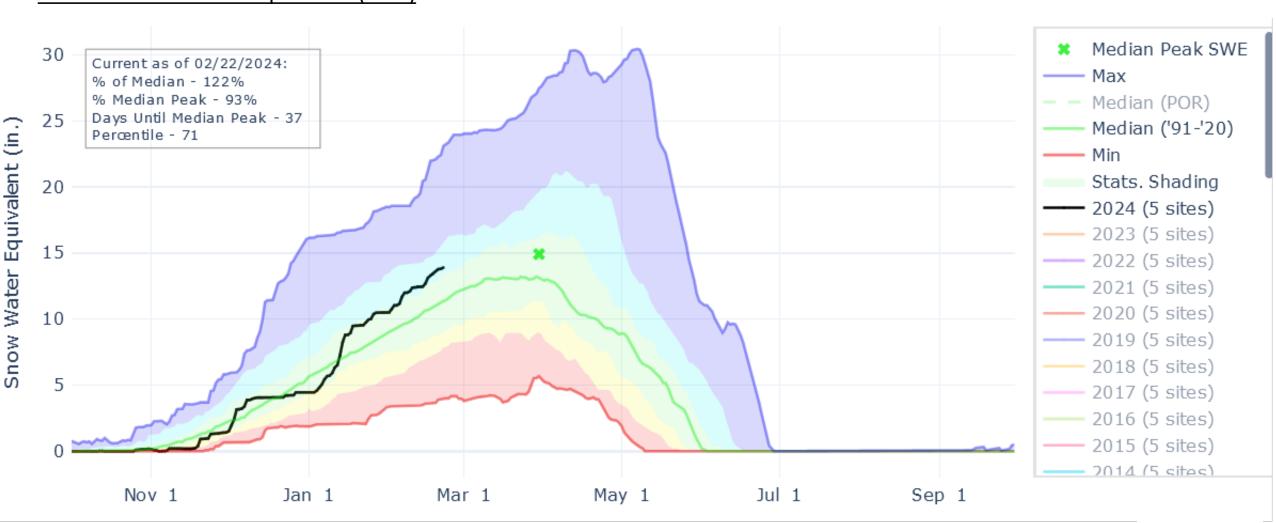
Bruneau River nr Hot Springs 1980-2023 Double-click on legend to isolate one trace - 2023 5000 **- -** Median (1980-2023) ---- 2024 - SFFT: Bruneau SWSI Forecast 4000 Discharge (CFS) 2000 1000 Date

Bruneau River nr Hot Springs 1980-2023 - 2023 5000 - - Median (1980-2023) --- 2024 - SFFT: Bruneau SWSI Forecast 4000 Discharge (CFS) 2000 1000 Date

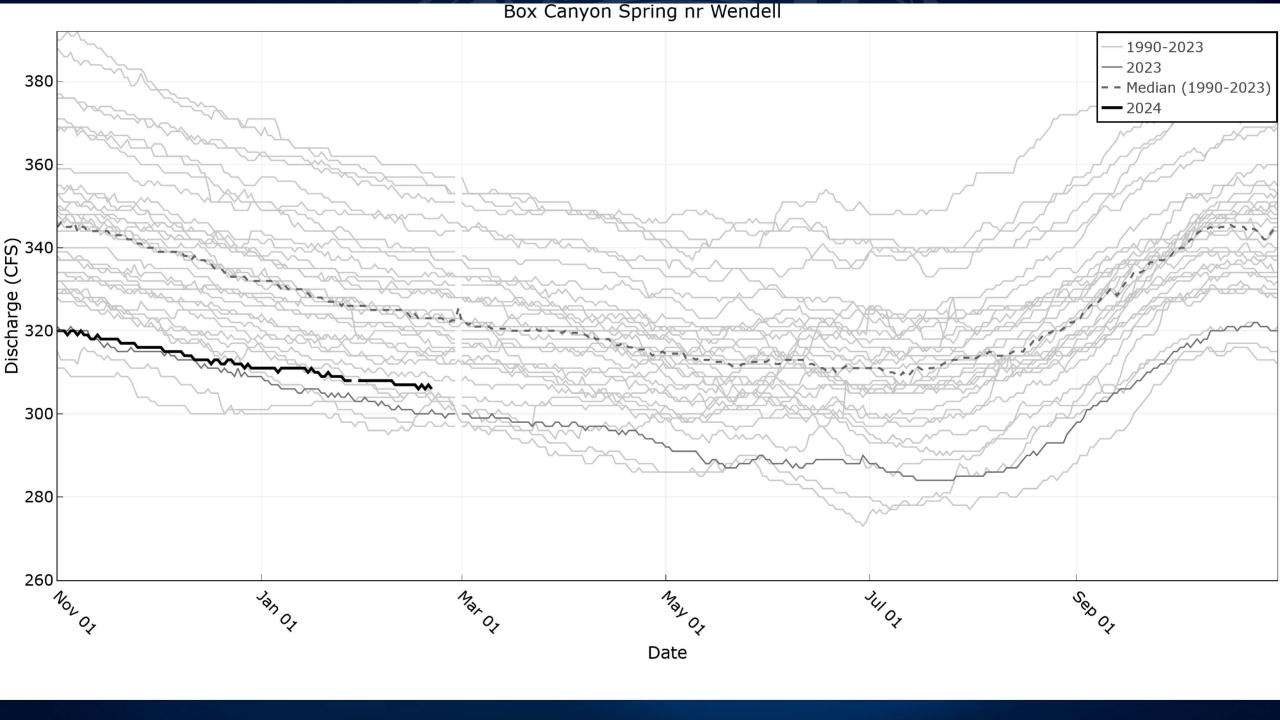




Bruneau Snow Water Equivalent (SWE)



Snake River Southside Return Flows 2009-2023 - 2023 - - Median (2009-2023) ---- 2024 1000 800 Discharge (CFS) 400 200 NOLOY Date







Swan Falls Technical Working Group Updates

- Question 5: "Analysis of the necessary ESPA levels required to maintain the minimum flow rate at the Snake River nr Murphy Gage during the low flow period"
- Proposed method: Subset of groundwater wells to produce a regression-based model to analyze necessary ESPA levels to maintain minimum flow at the Snake River nr Murphy gage
- Working on Memo and additional analysis:
 - Nov 1st, 2023 IDWR provided a technical analysis presentation and files to the Technical Working Group (TWG)
 - Feb 16th, 2024 IDWR received feedback at the TWG meeting and agreed to write a memo with some additional analysis on the proposed method.
 - The memo will provide additional opportunities for the TWG to review and comment on the proposed method.
- Next TWG meetings are set for:
 - March 20th, 2024 (tentative)
 - May 7th, 2024

