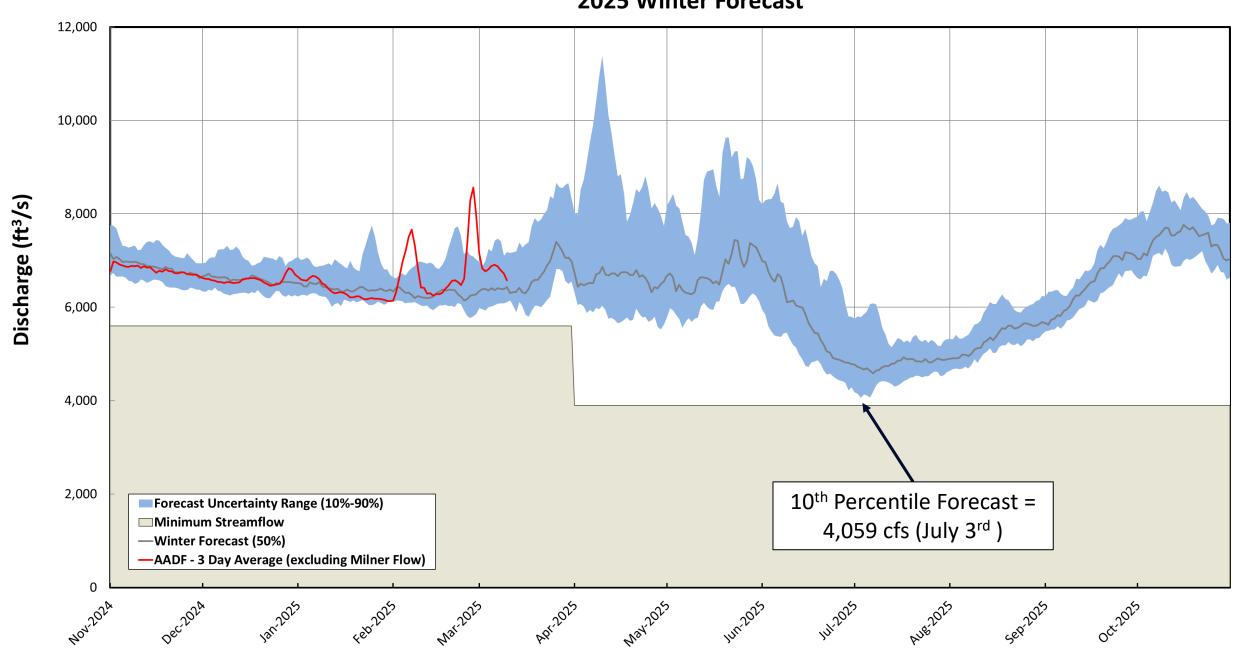
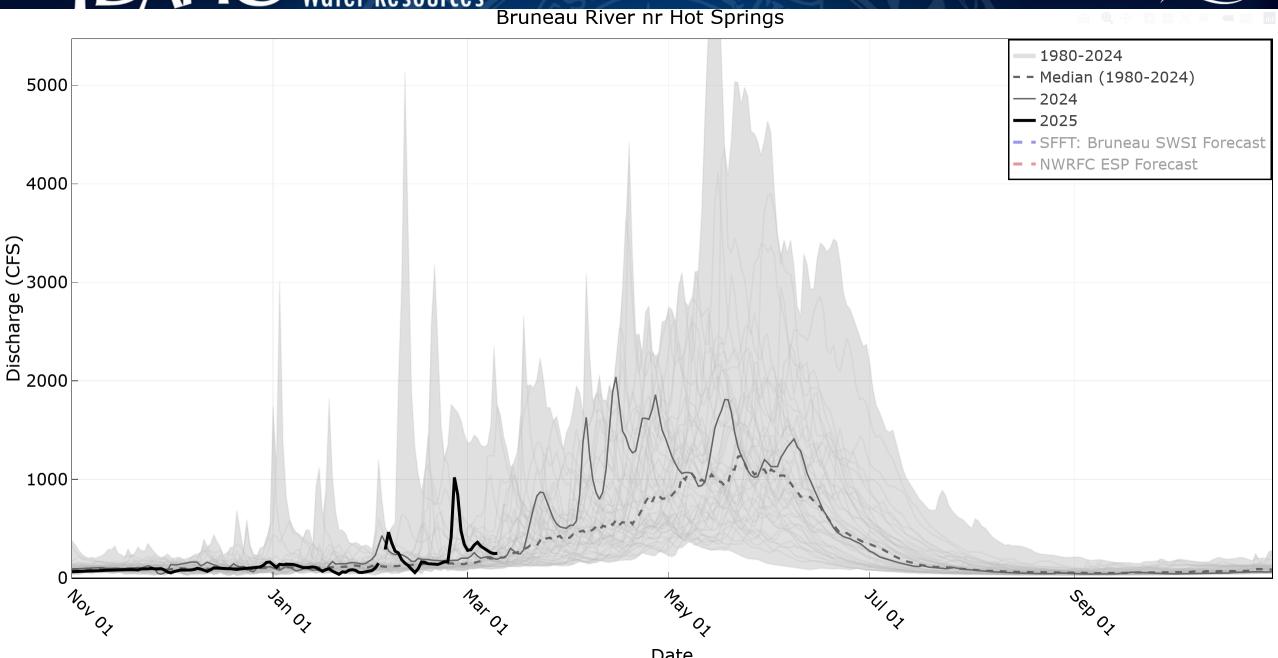


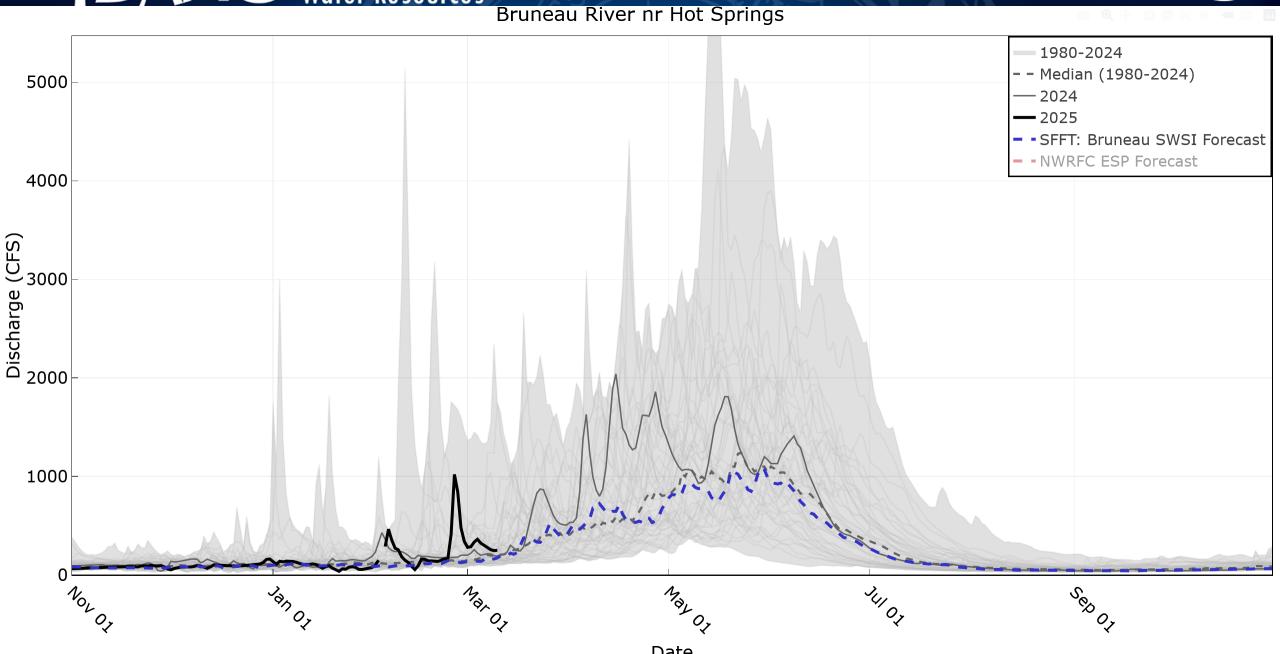
### **2025 Winter Forecast**



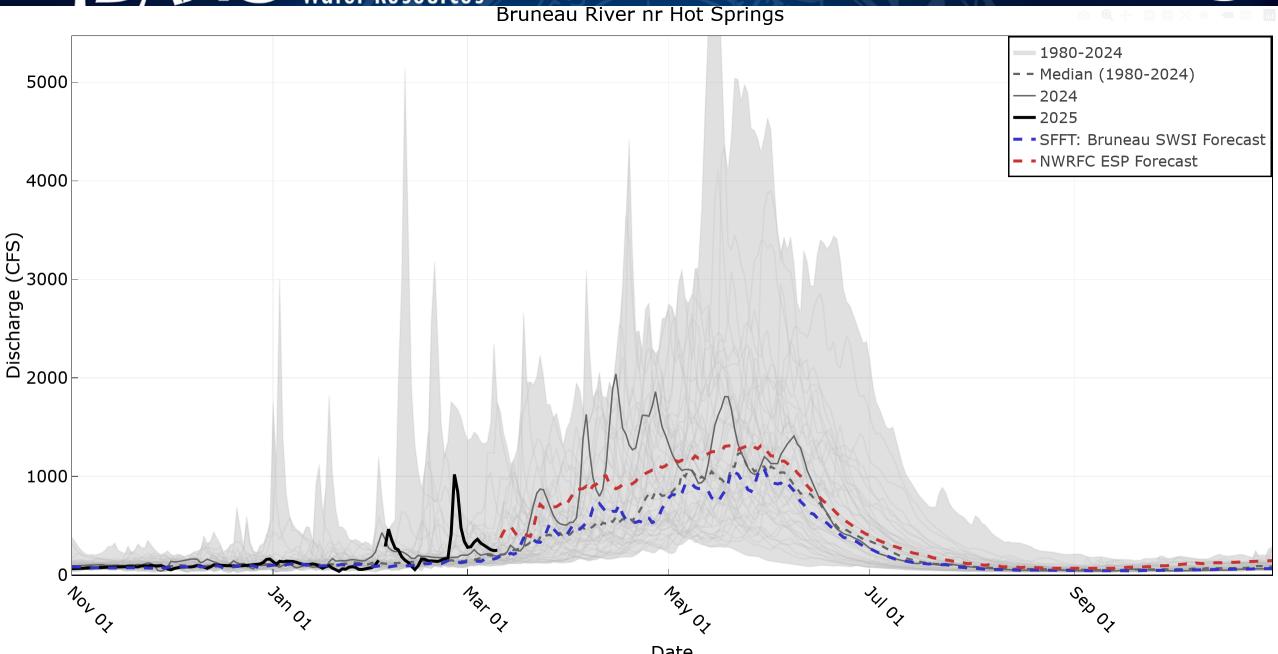




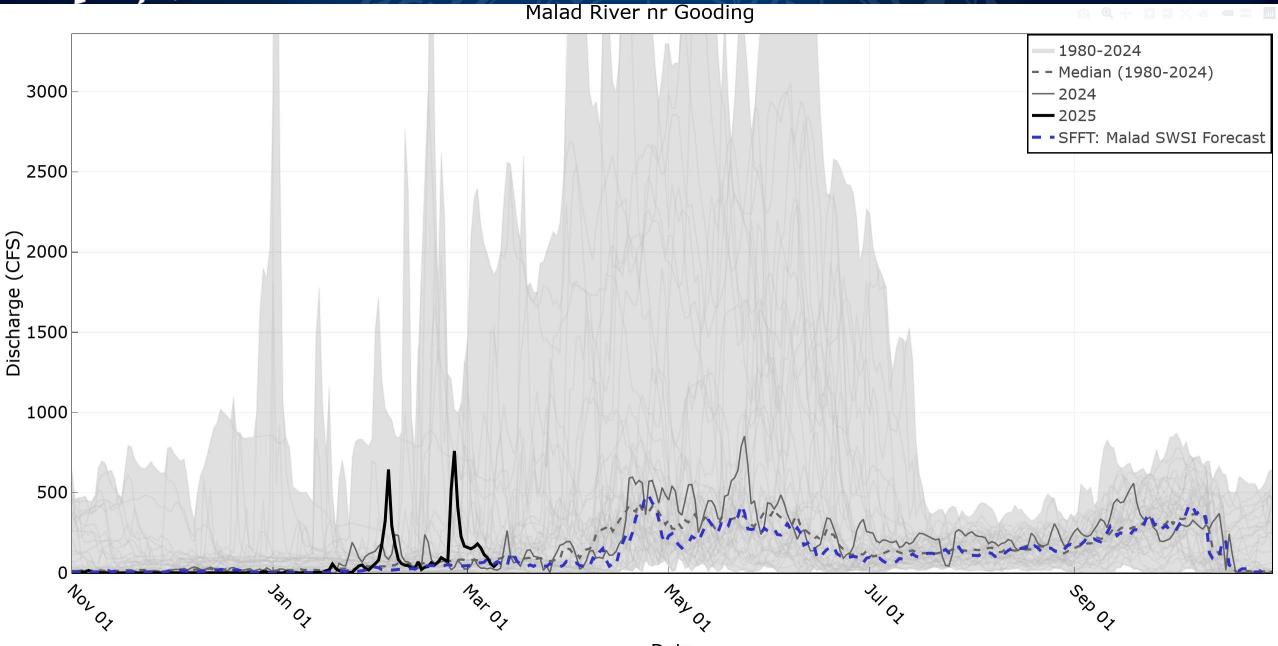






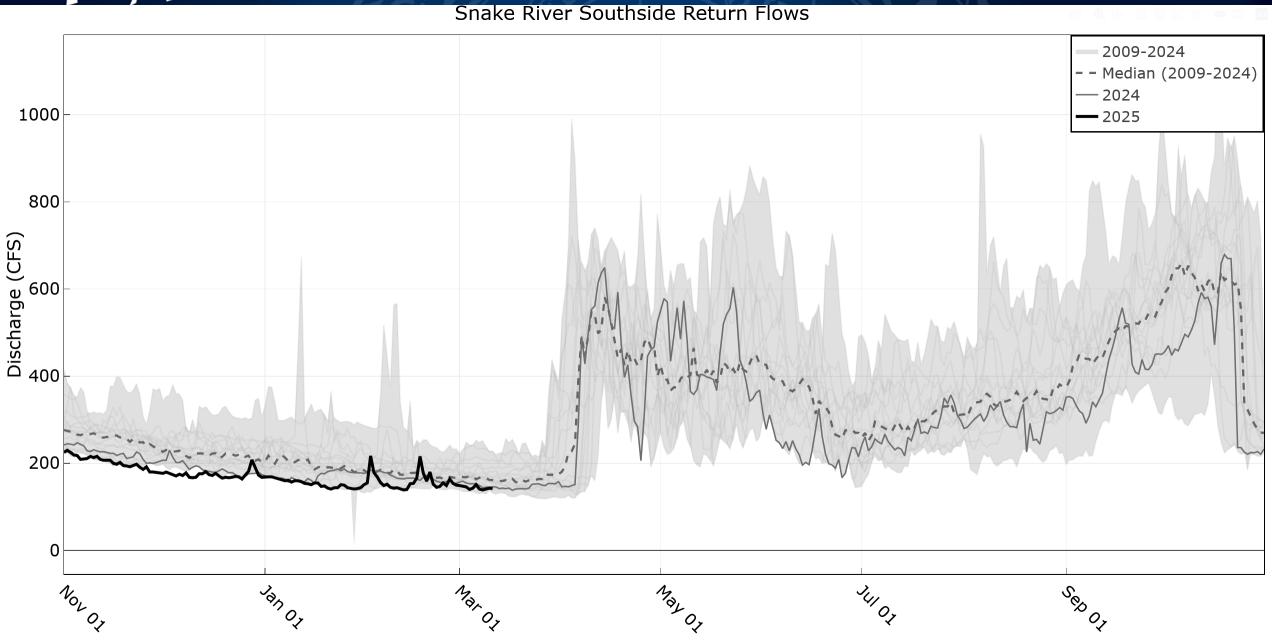






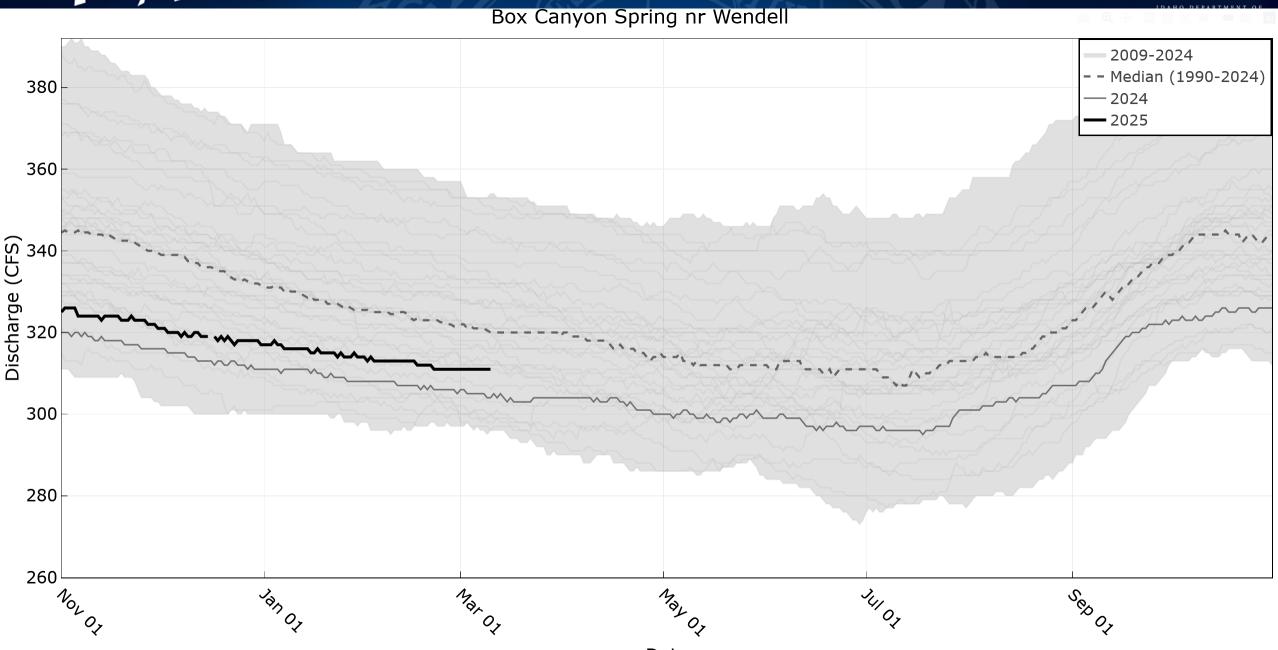




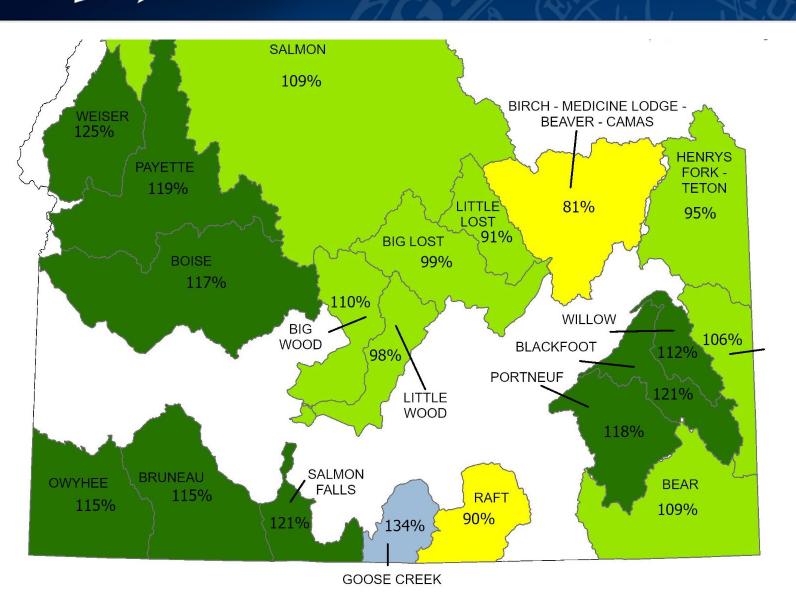








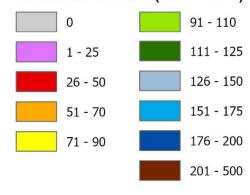




### Mountain Snow Water Equivalent

As of Monday, March 10, 2025 Idaho NRCS SNOTEL Data

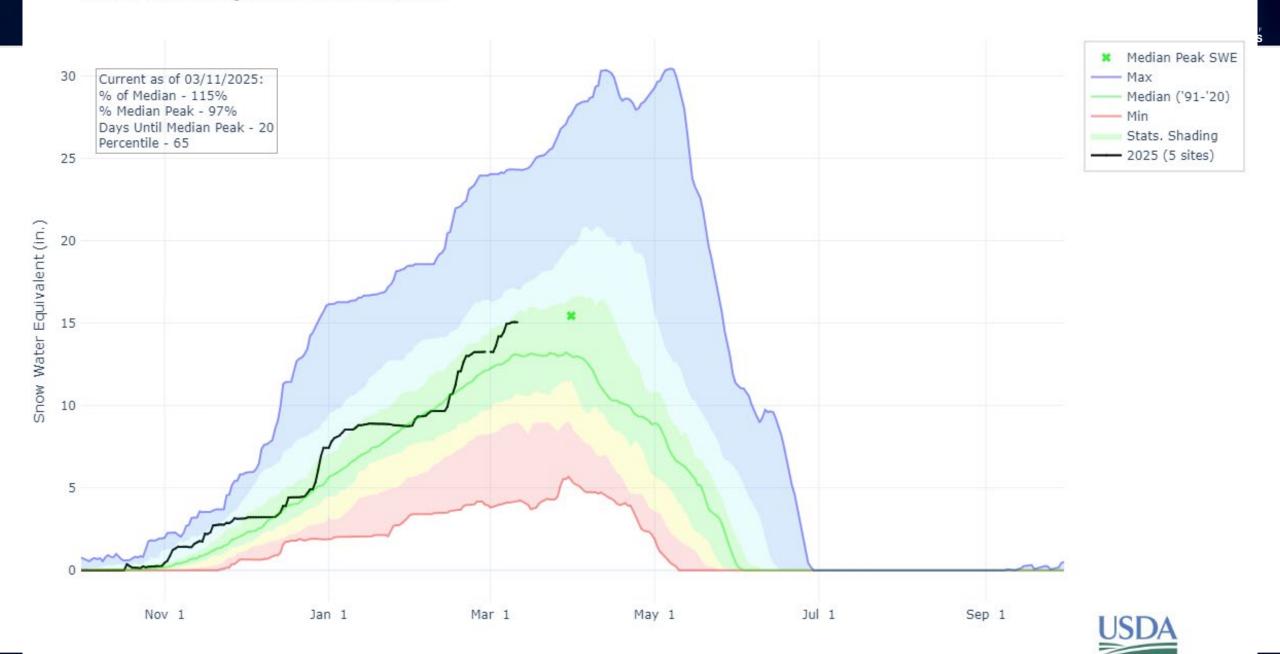
#### Percent of Median (1991-2020)





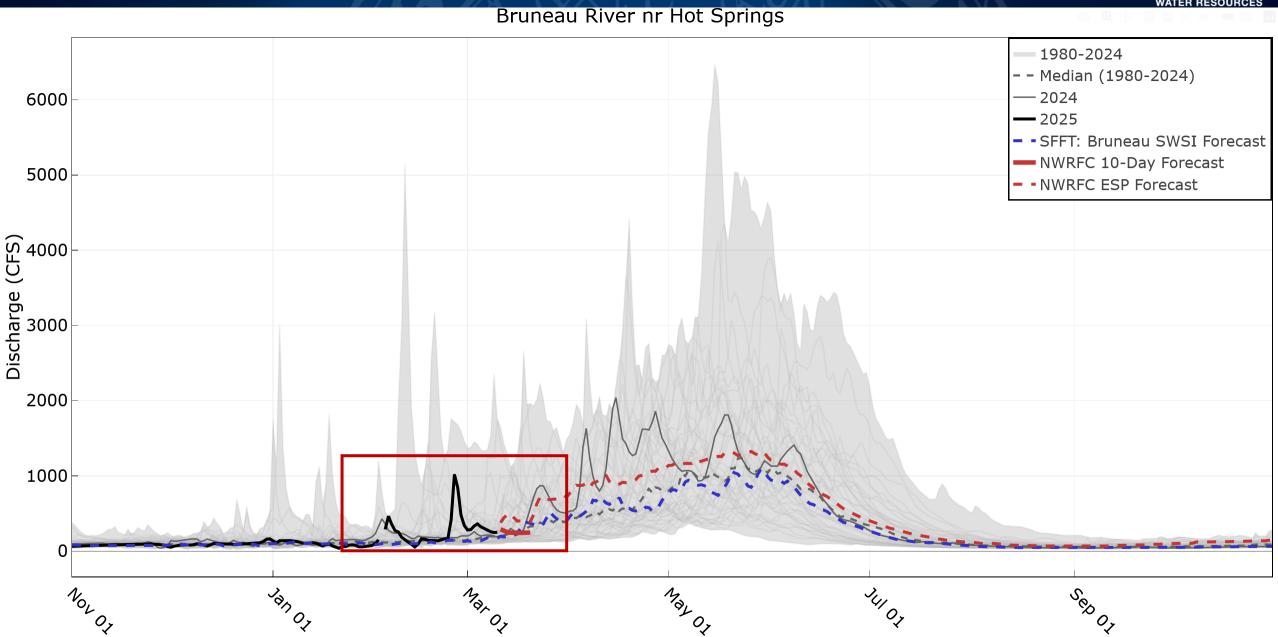
Data for this map is provided by the Idaho Snow Survey

#### SNOW WATER EQUIVALENT IN BRUNEAU





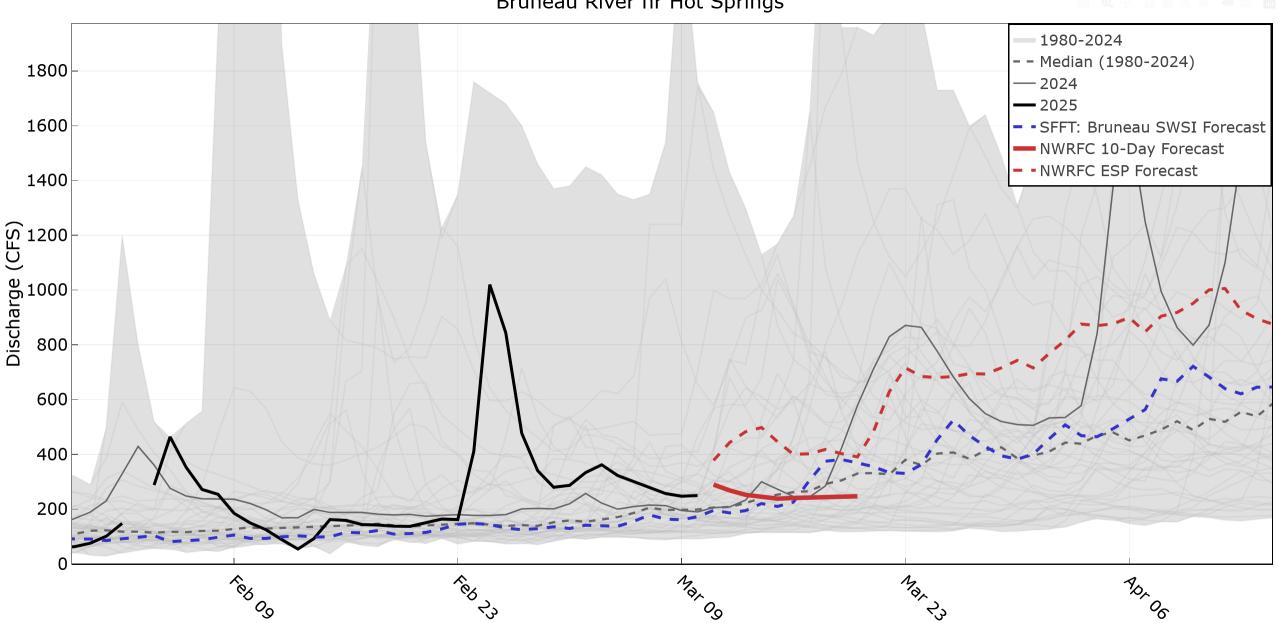


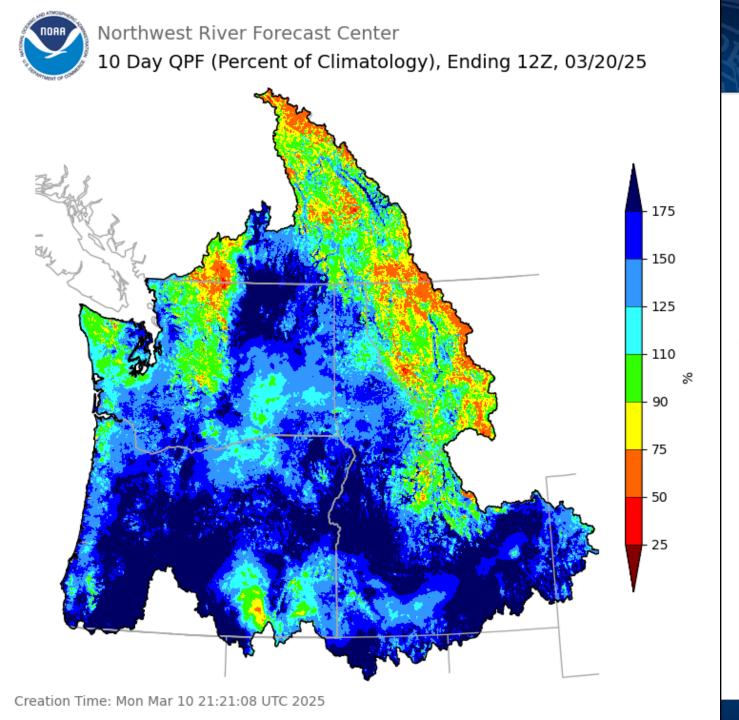


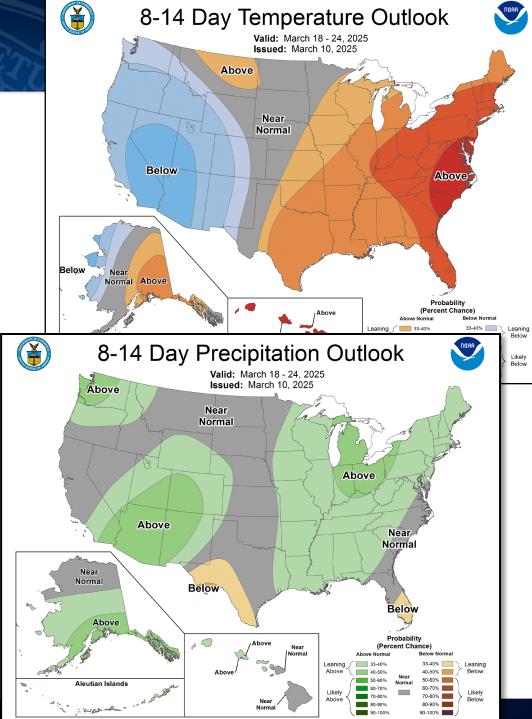
















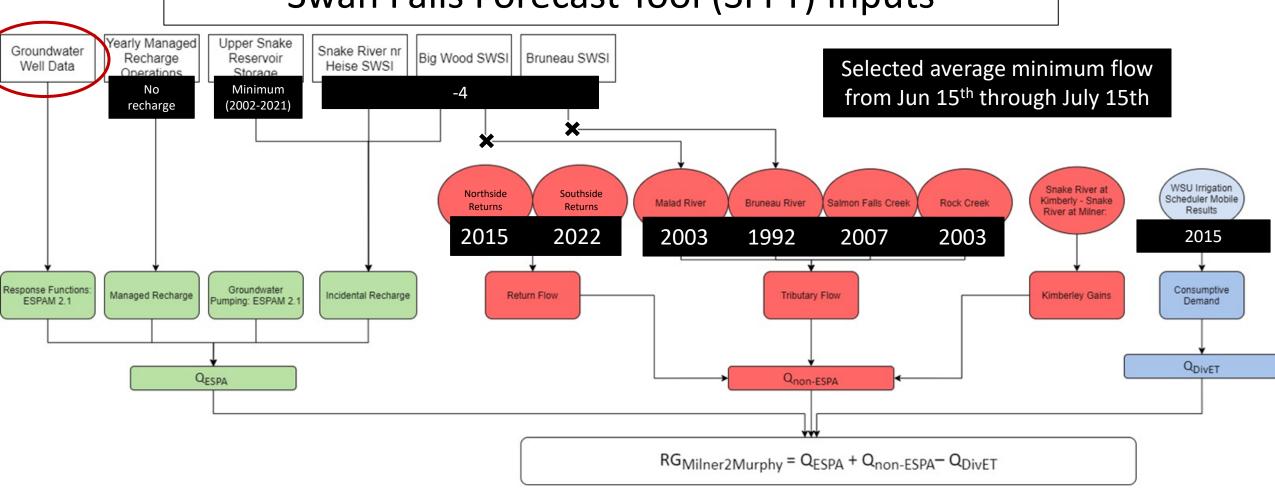
### SFIG Q5

- Sophia Sigstedt Comment #5
- referenced March 16<sup>th</sup>, 2023, presentation
- That analysis used the Spring forecast tool to Hindcast from 2002-2022 for different scenarios
  - Scenario reference was "Minimum years" lowest individual years
  - Used the 50<sup>th</sup> percentile and plotted against Spring Water Level head change

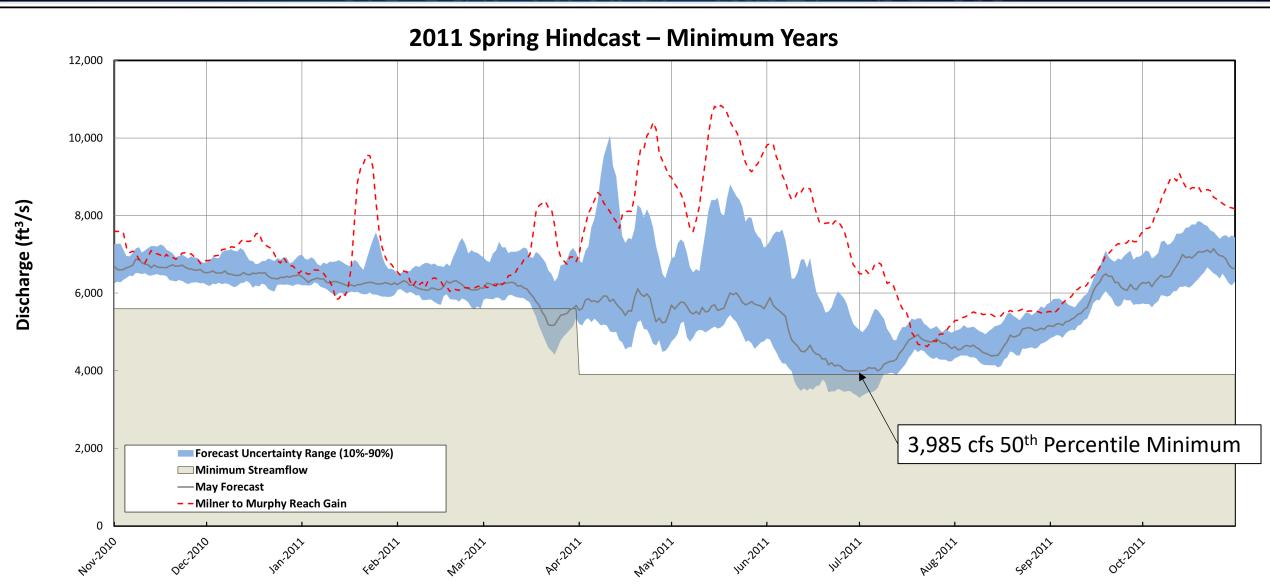


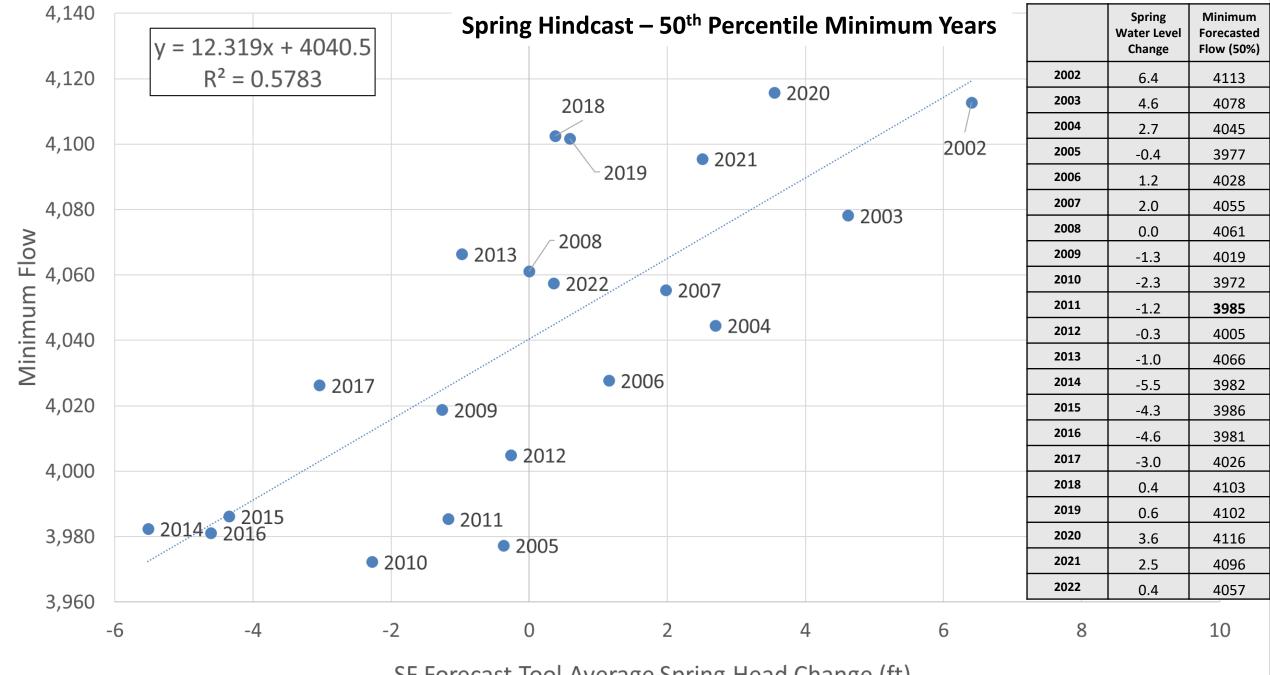








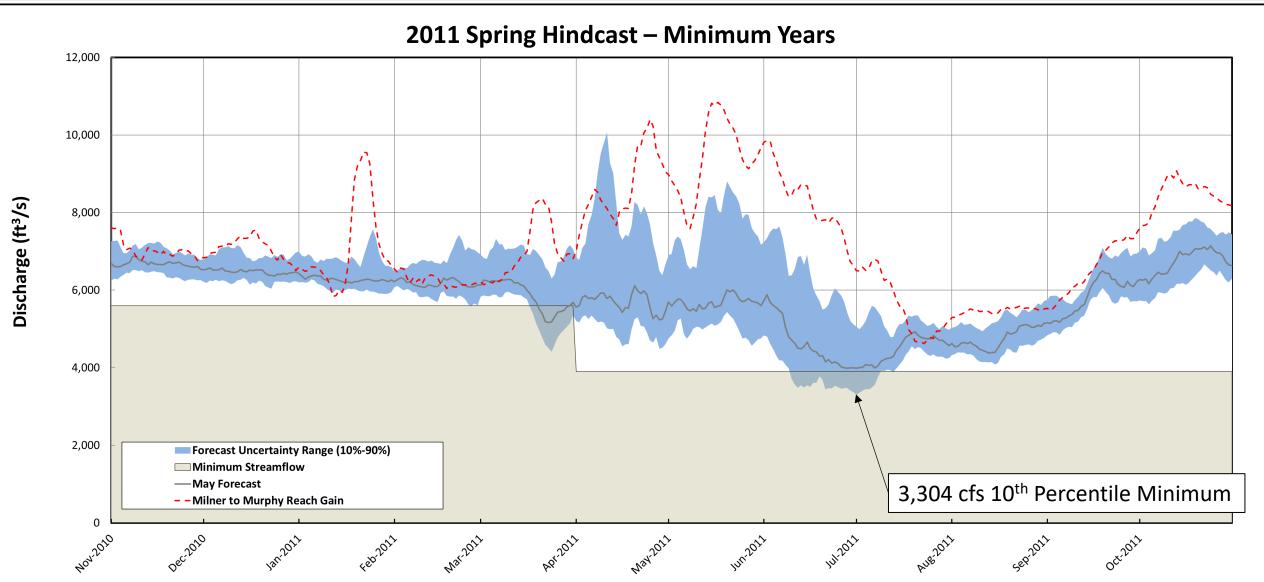


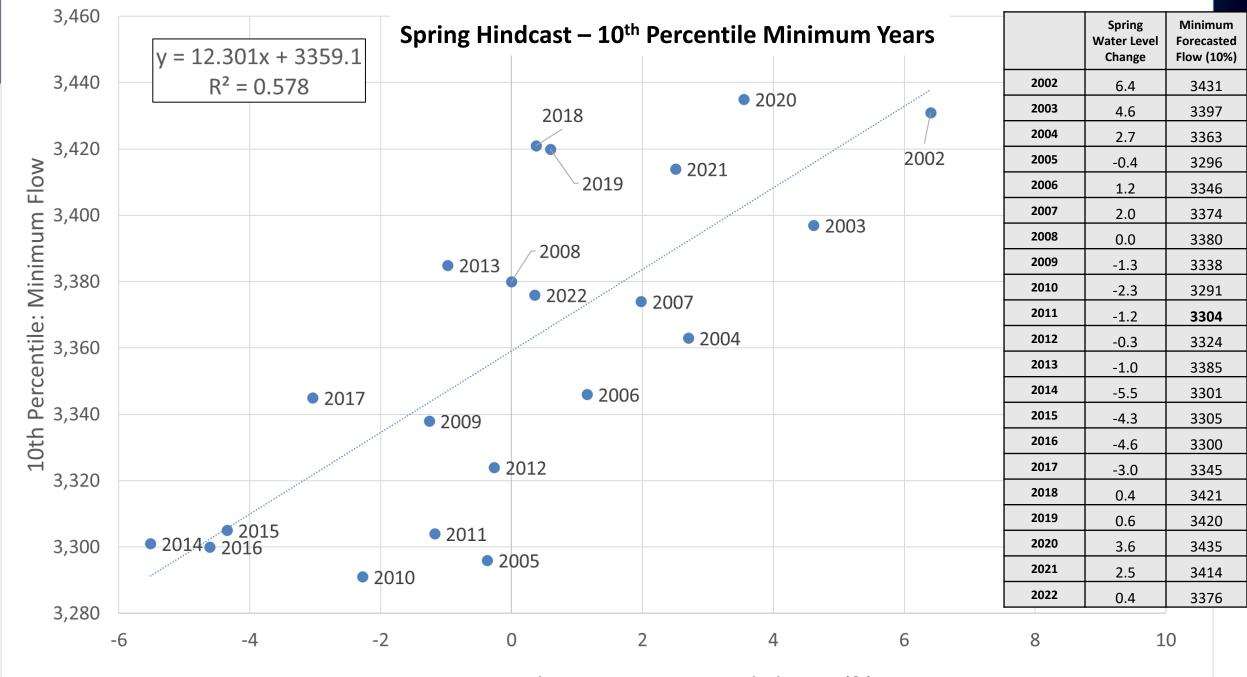


SF Forecast Tool Average Spring Head Change (ft)









SF Forecast Tool Average Spring Head Change (ft)





### SFIG Q5

- Sophia Sigstedt Comment #5
- referenced March 16<sup>th</sup>, 2023, presentation
- That analysis used the Spring forecast tool to Hindcast from 2002-2022 for different scenarios
  - Scenario reference was "Minimum years" lowest individual years
  - Used the 50<sup>th</sup> percentile and plotted against Spring Water Level head change
  - We discussed that Minimum years were probably not the most representative
  - Also discussed how we were going to handle the uncertainty range ultimately moved on to using a minimum 3-day average of observed values
    - Easier to explain using that minimum 3-day average of observed values and ESPAM 2.2 directly.





### **IPC Comment**

- A range of conditions were analyzed for non-ESPA inflow and consumptive diversion demand between 2002

   2022 for the month of <u>July</u>
  - Comment: "Does July produce the lowest net change? Do we need to confirm that June or August don't produce a lower value?"
- Non-ESPA inflow 2002-2022
  - 16 years, July produces the lowest value
  - 4 years, June (>24<sup>th</sup>) produces the lowest value (Average 81 cfs lower)
  - 1 year, August (1<sup>st</sup>) produces the lowest value

Does not affect the 90<sup>th</sup>, 95<sup>th</sup>, or 99<sup>th</sup> percent exceedance for Non-ESPA inflows

- Kimberly to King Hill monthly Reach Gain 2002-2022
  - 13 years, July is the lowest
  - 8 years, June is lower (Average 120 cfs lower)