Weather and Climate Outlook

Idaho Water Supply Committee Meeting

Weather Forecast Office

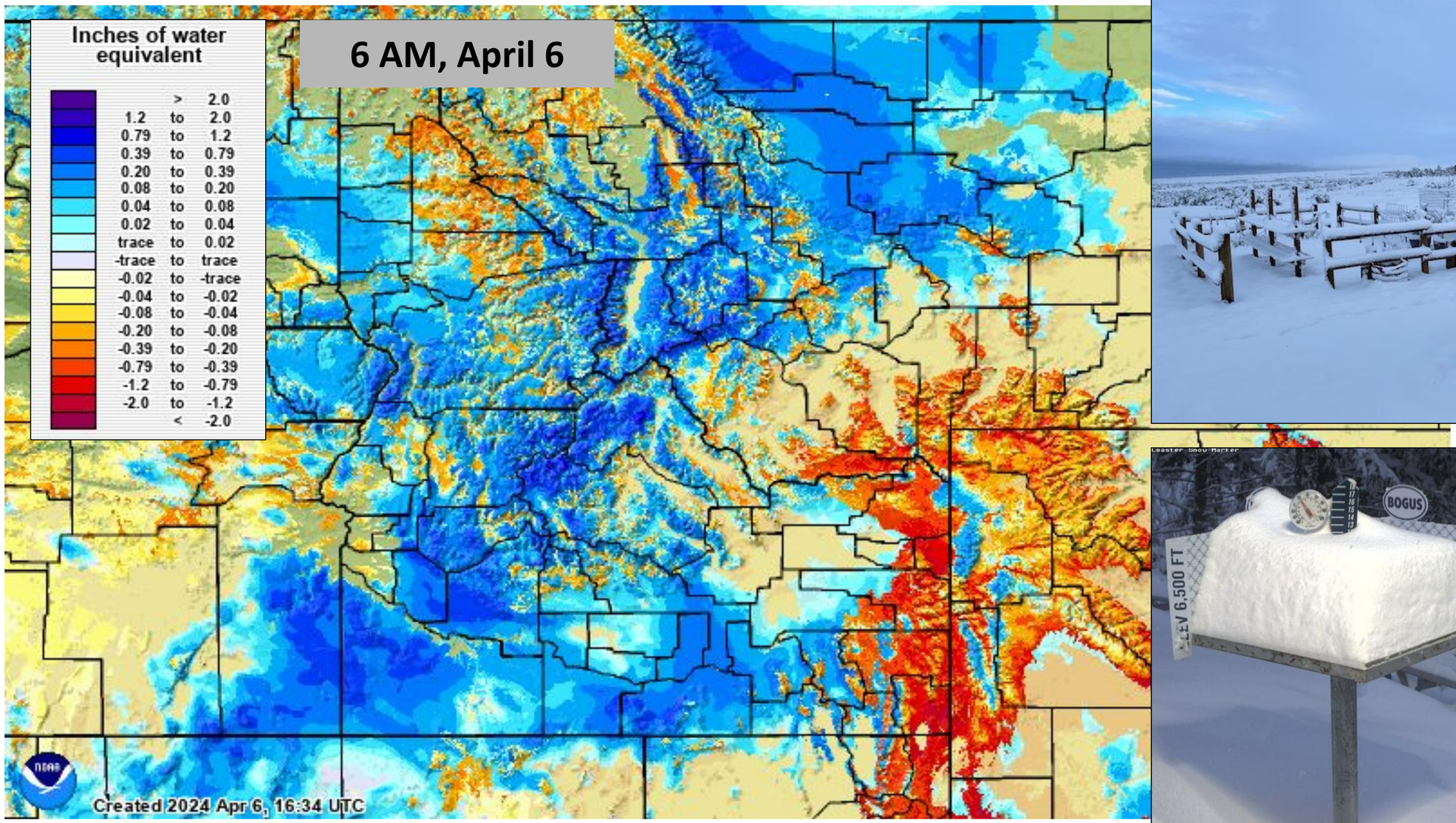
Boise, ID

Friday, April 12

Presenter : Troy Lindquist

April 5-6 Snow Storm - 24 hr SWE Change

Weather Forecast Office
Boise, ID
Friday, April 12

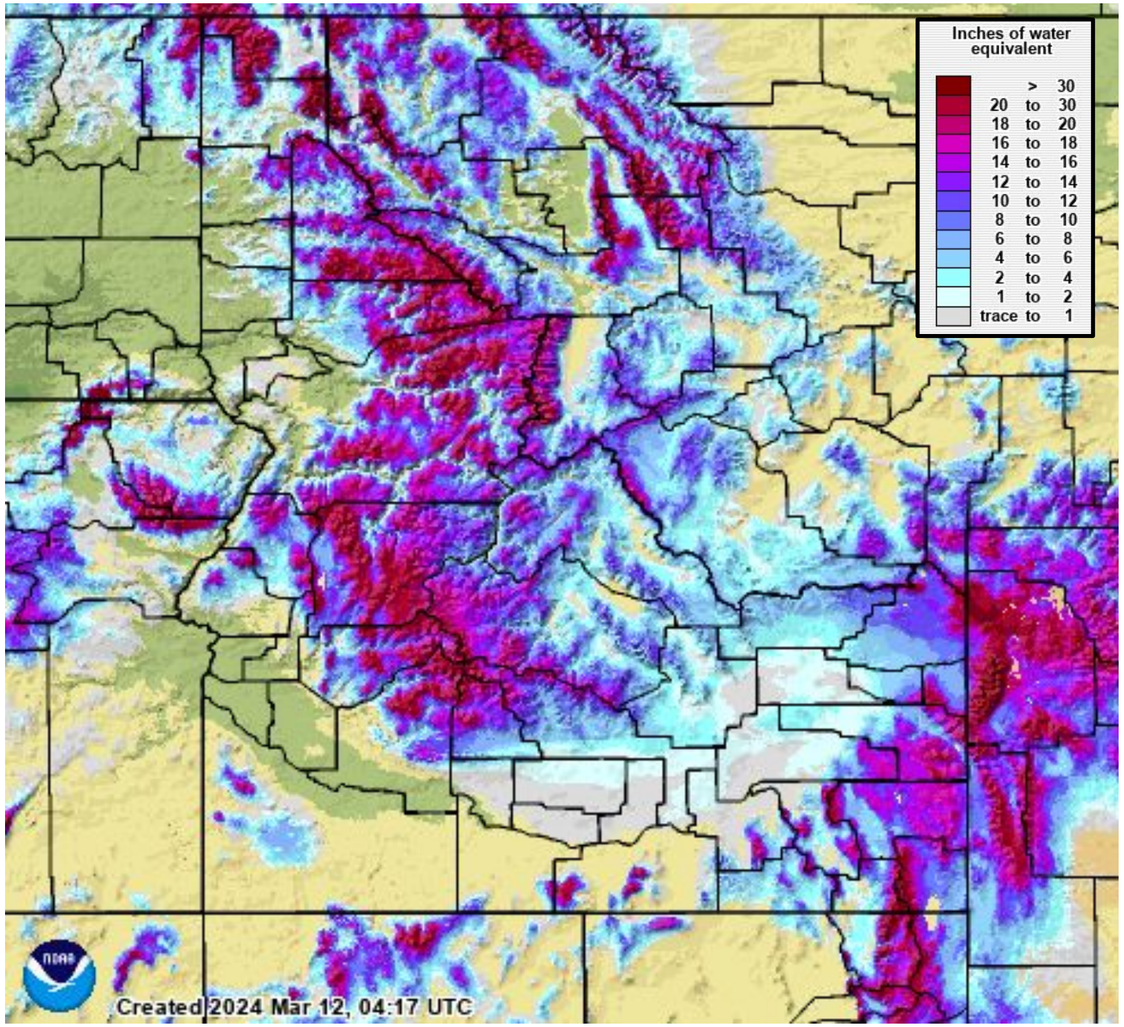


www.nohrsc.noaa.gov

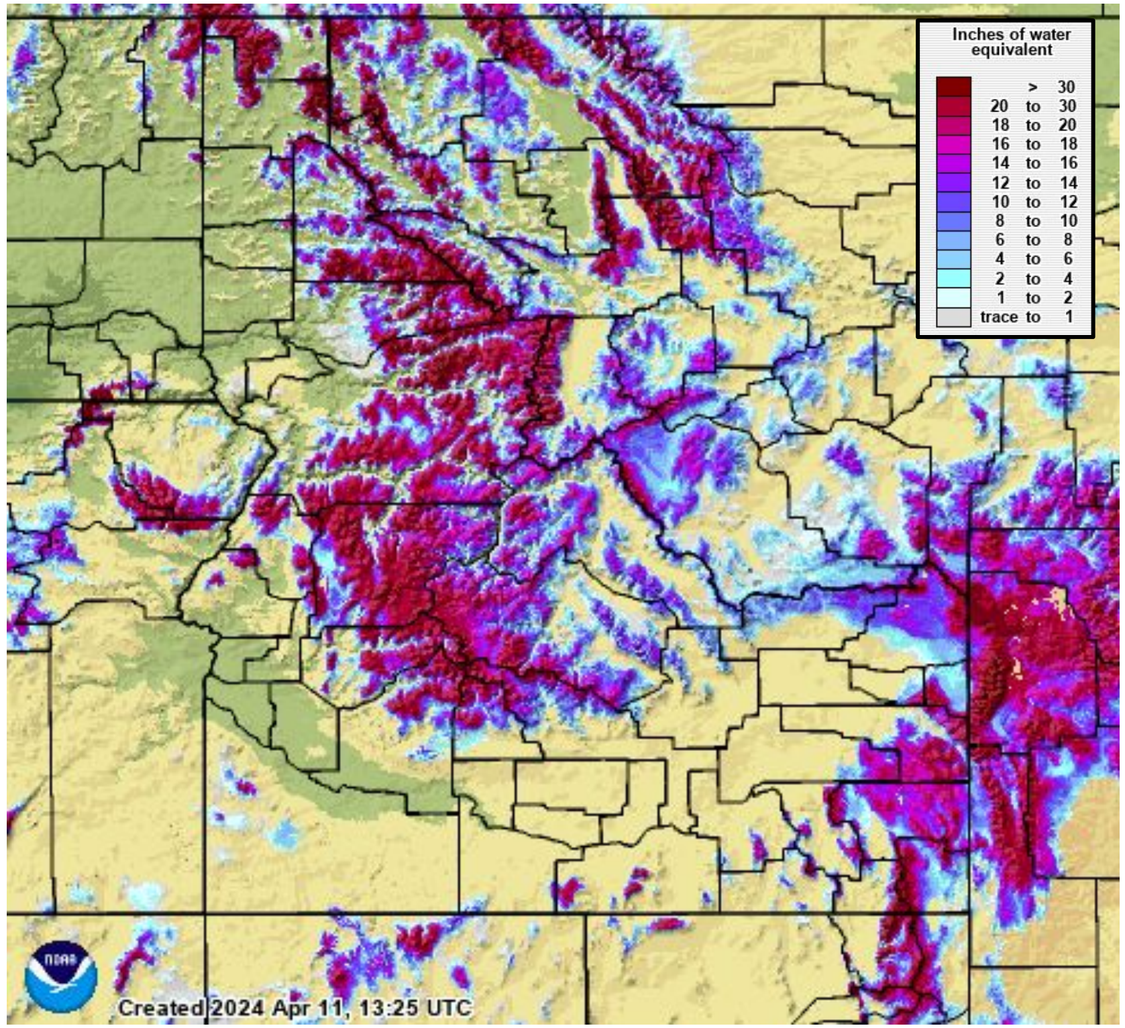
Snowpack Comparison

Weather Forecast Office
Boise, ID
Friday, April 12

Mar 11, 2024



Apr 11, 2024



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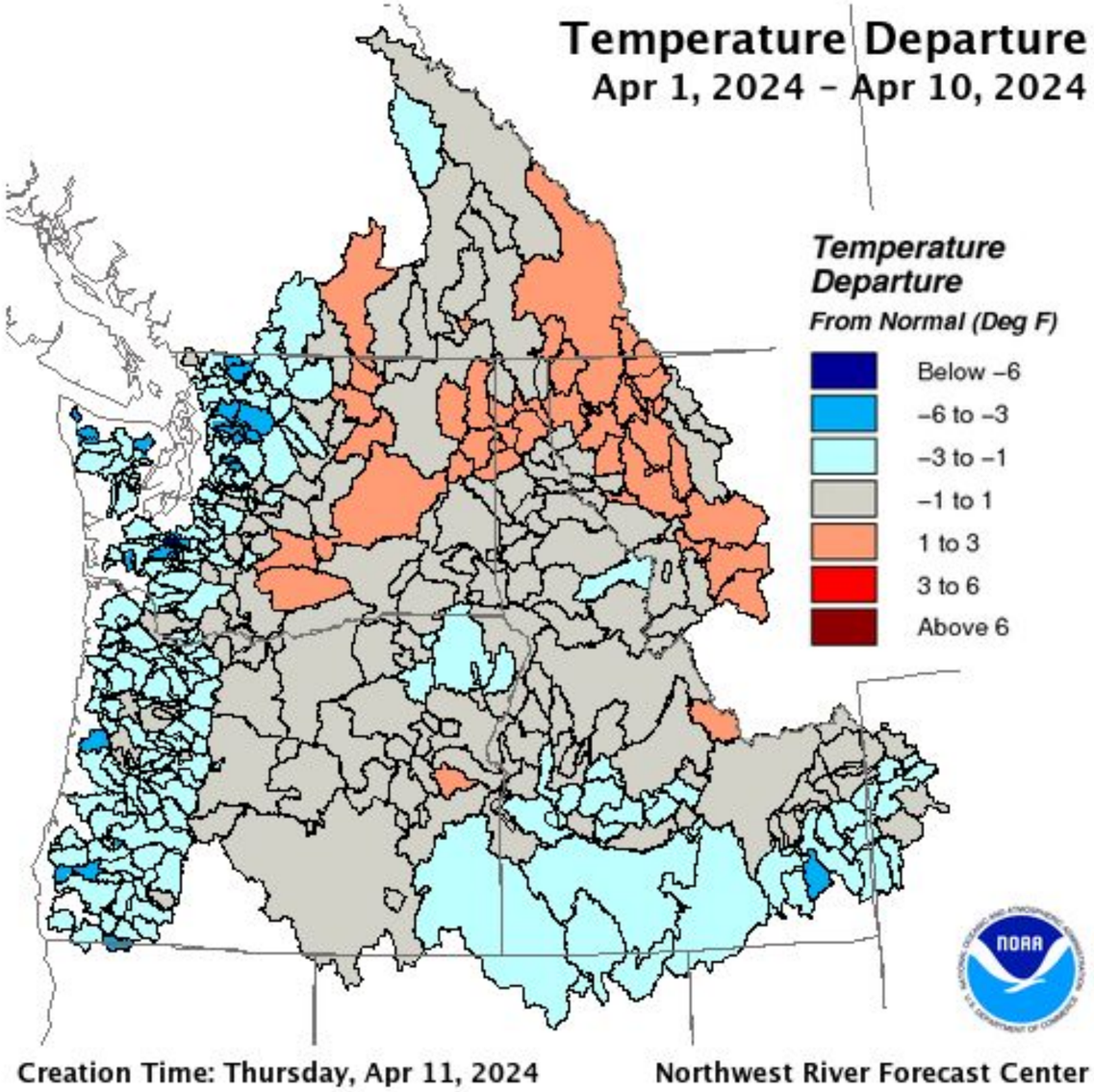
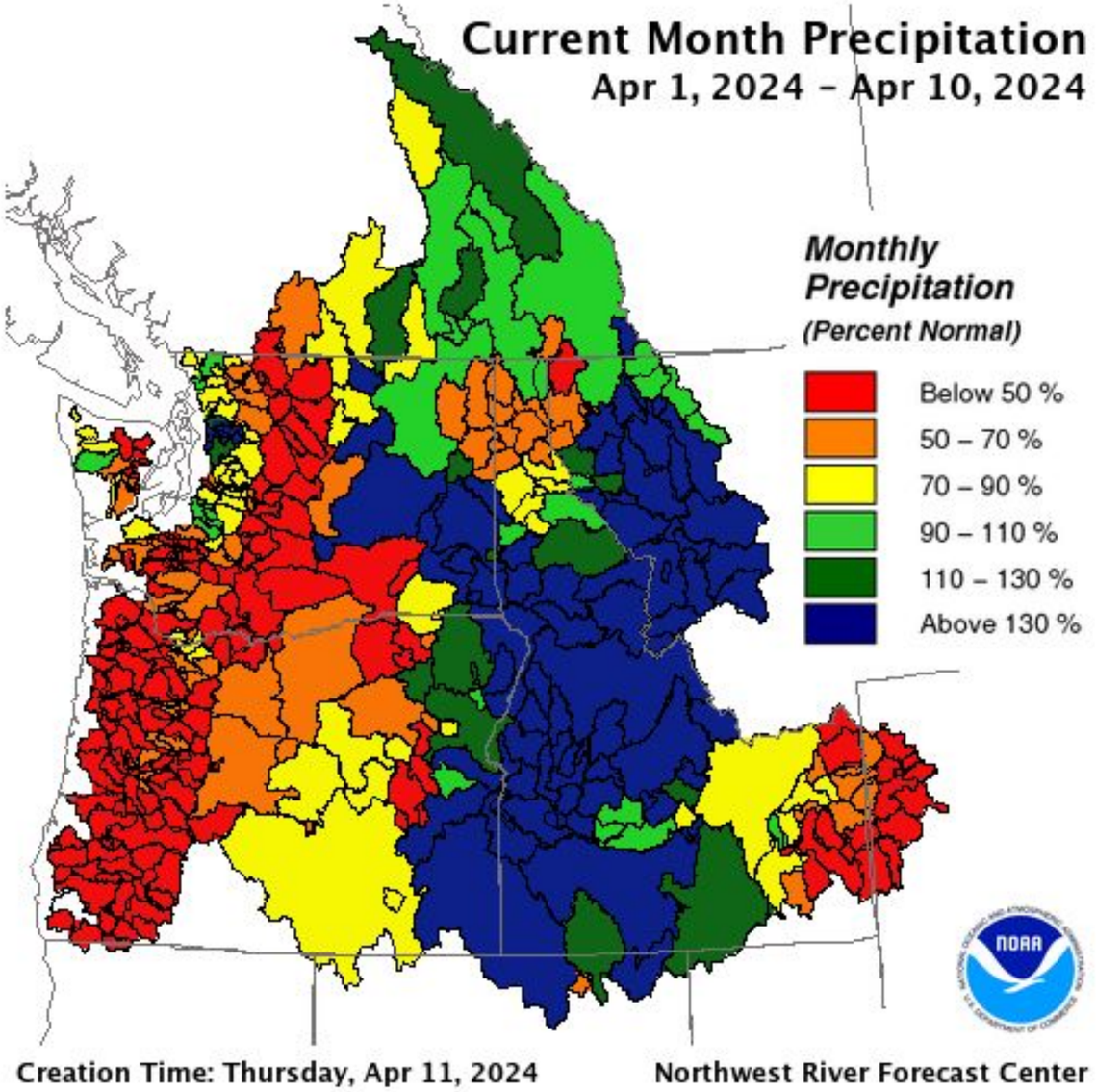
April Temperature & Precipitation

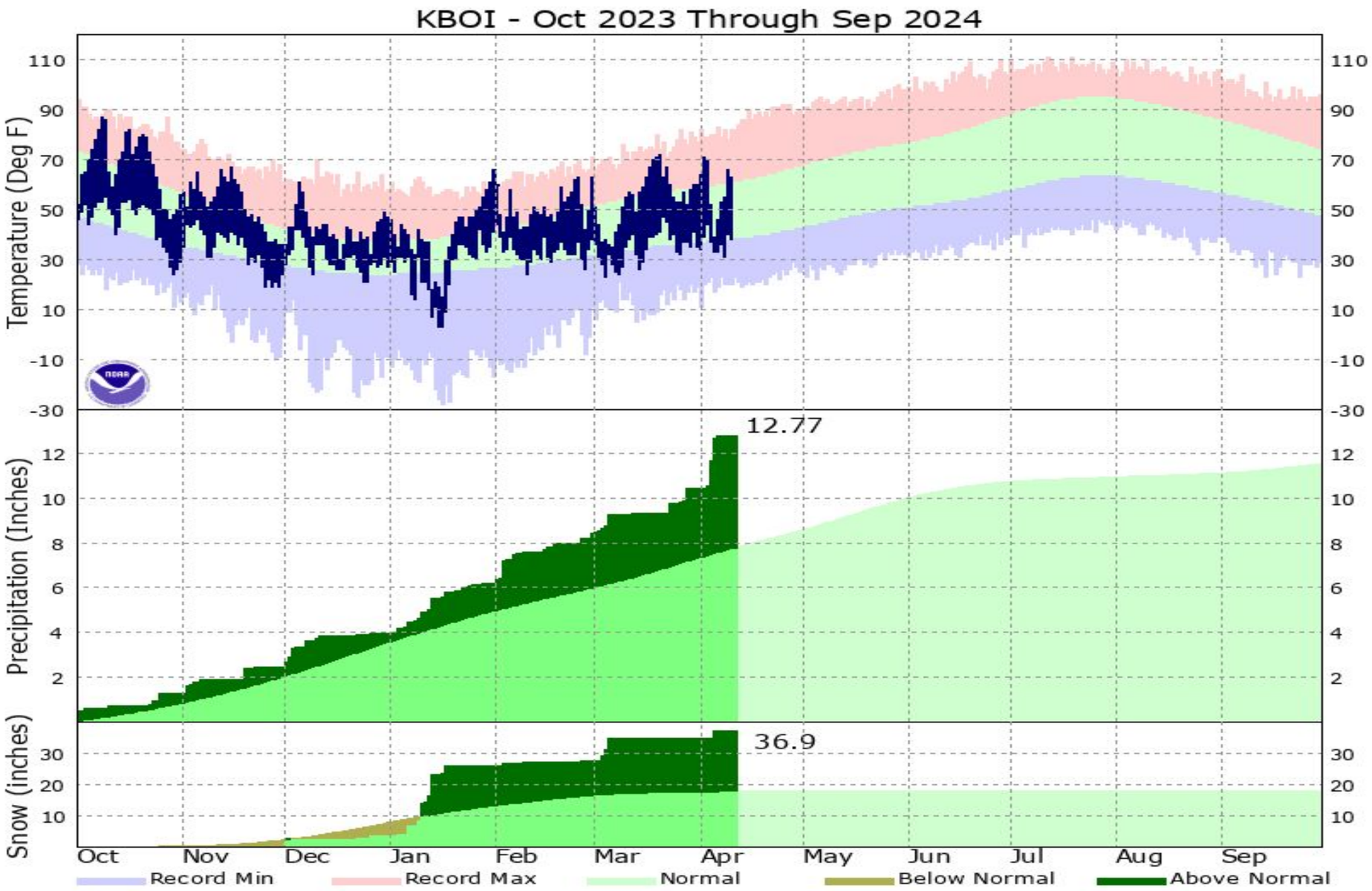
Weather Forecast Office
Boise, ID
Friday, April 12





Boise Temperature and Precipitation

Weather Forecast Office
Boise, ID
Friday, April 12



Boise Temperature and Precipitation

Weather Forecast Office
Boise, ID
Friday, April 12

Storm for the Record Books in Boise

The storm April 3rd–5th was extremely unusual for Boise and broke several records or was otherwise notable:

Precipitation:

- 2.26" total.
- 1.09" on the 4th, 1.05" on the 5th broke daily records.
- Only second time Boise has ever had 1 inch or more of rainfall on consecutive days.
- Wettest start to year on record through April 5th with 8.76" total.

Snow:

- 2.1 inches on April 5th broke daily record.
- Last April day with >2" snow was in 1969.
- Snow broke tree branches in parts of Boise.

Temperatures:

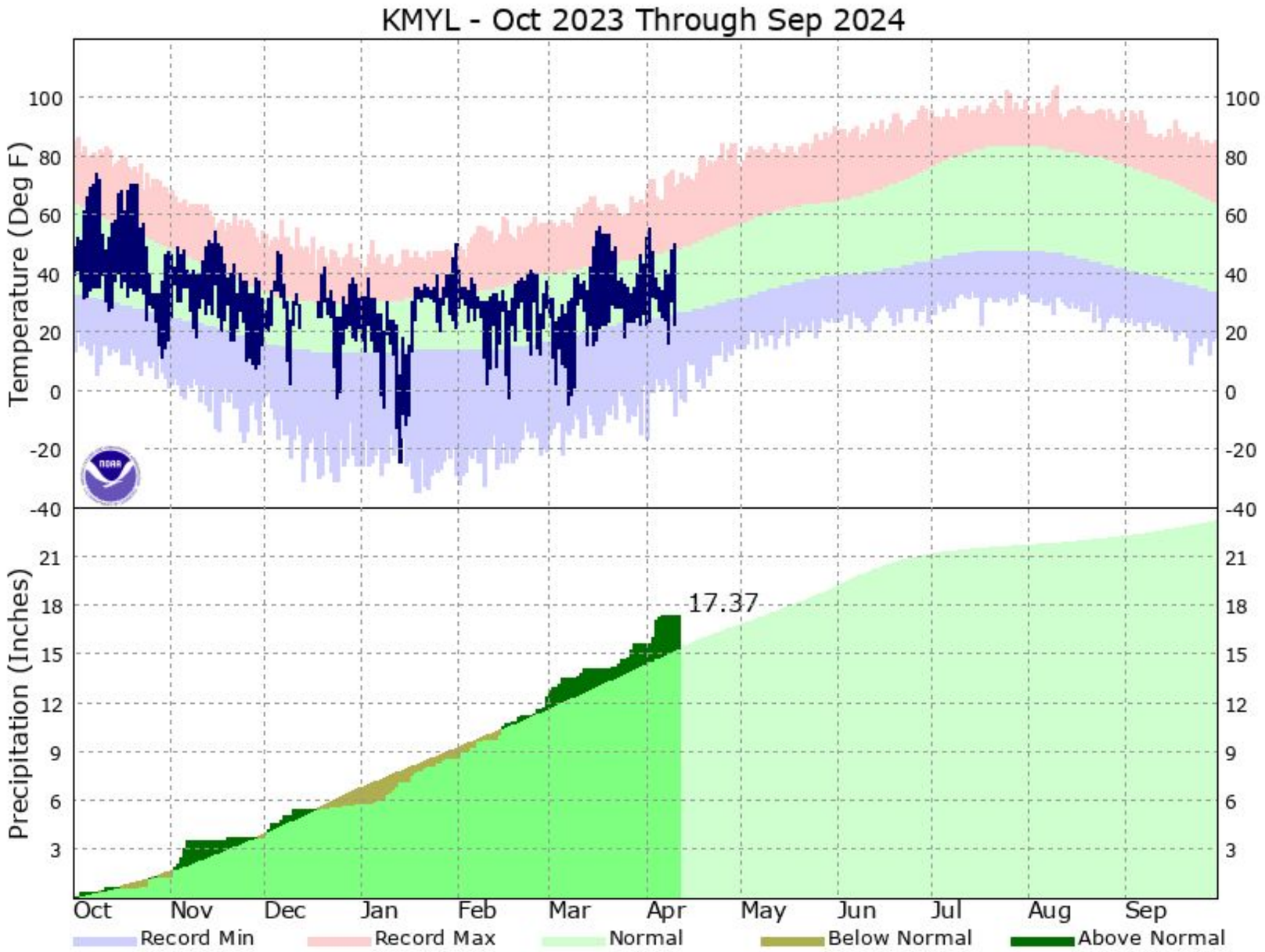
- High of 39 degrees on April 5th was the coldest April high since 1936.
- High was 70 degrees on April 3rd.

Thunderstorms:

- Thunderstorms were observed on April 3rd and 4th.
- Storms on April 3rd brought dime to quarter size hail.

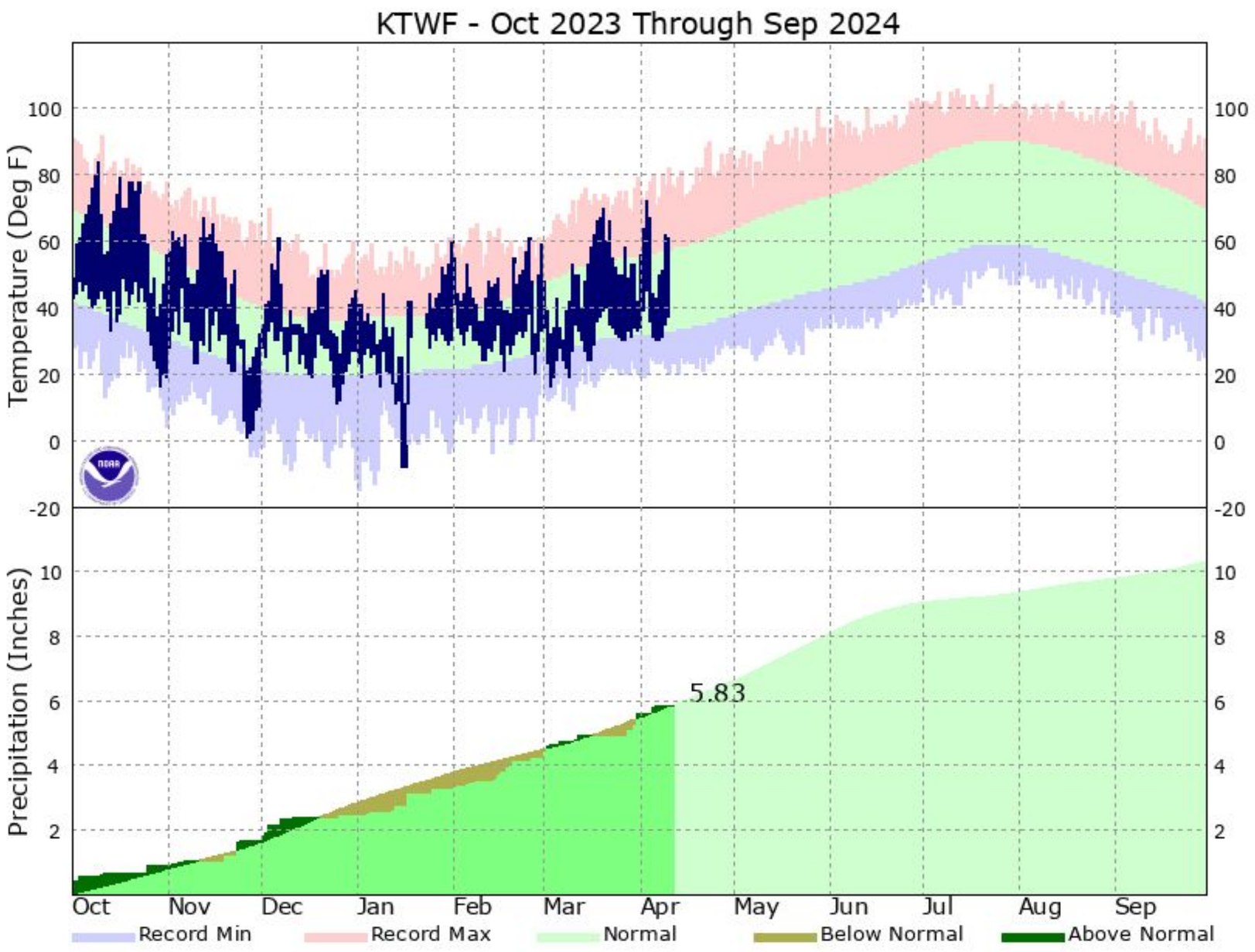
McCall Temperature and Precipitation

Weather Forecast Office
Boise, ID
Friday, April 12



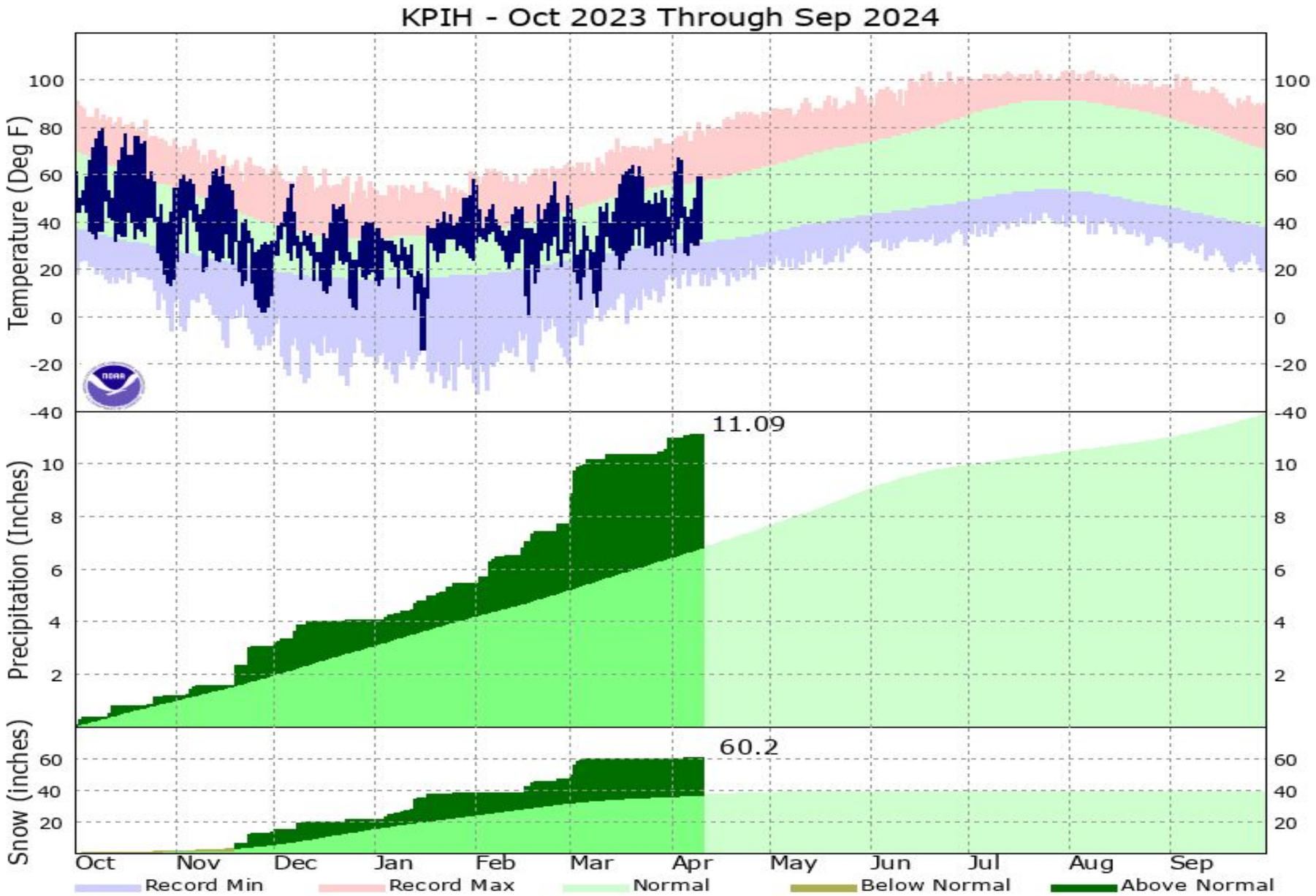
Twin Falls Temperature and Precipitation

Weather Forecast Office
Boise, ID
Friday, April 12



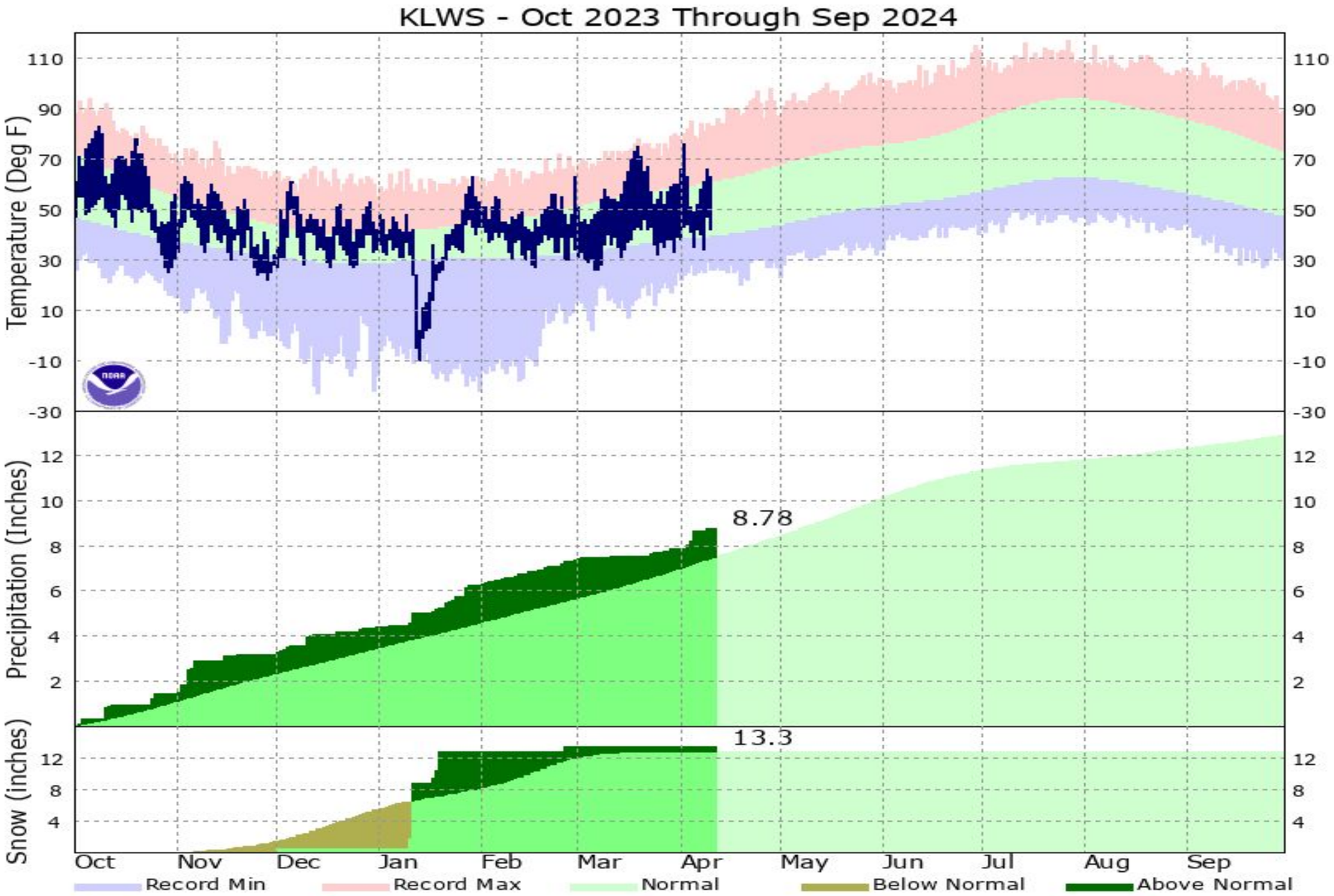
Pocatello Temperature and Precipitation

Weather Forecast Office
Boise, ID
Friday, April 12



Lewiston Temperature and Precipitation

Weather Forecast Office
Boise, ID
Friday, April 12

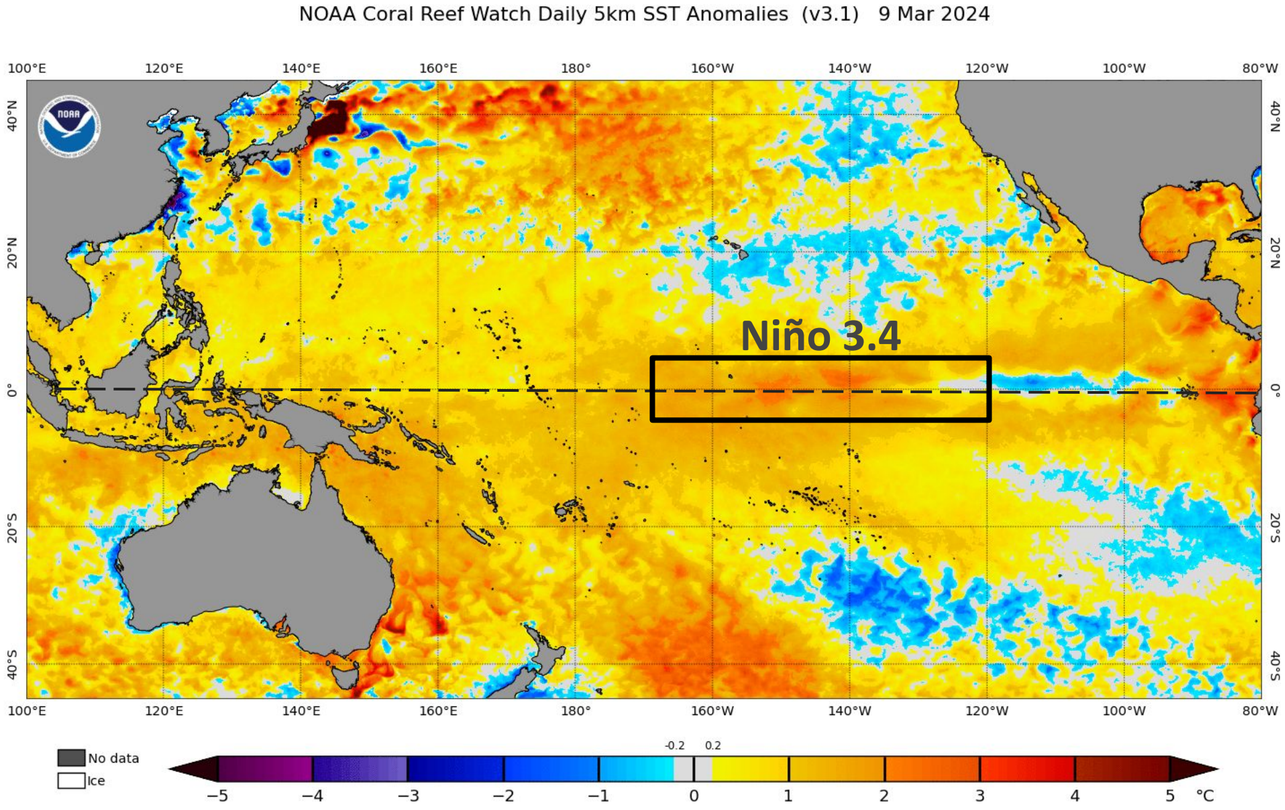


El Niño Southern Oscillation (ENSO)

ENSO Summary

- **ENSO Alert System Status:**
  El Niño Advisory/La Niña Watch
- **El Niño conditions are present**
- **Equatorial sea surface temperatures (SSTs) are above average across the central and eastern Pacific Ocean**
- **The tropical Pacific atmospheric anomalies are weakening**
- **A transition from El Niño to ENSO-neutral is likely by April-June 2024 (83% chance), with increasing odds of La Niña developing in June-August (62% chance)**

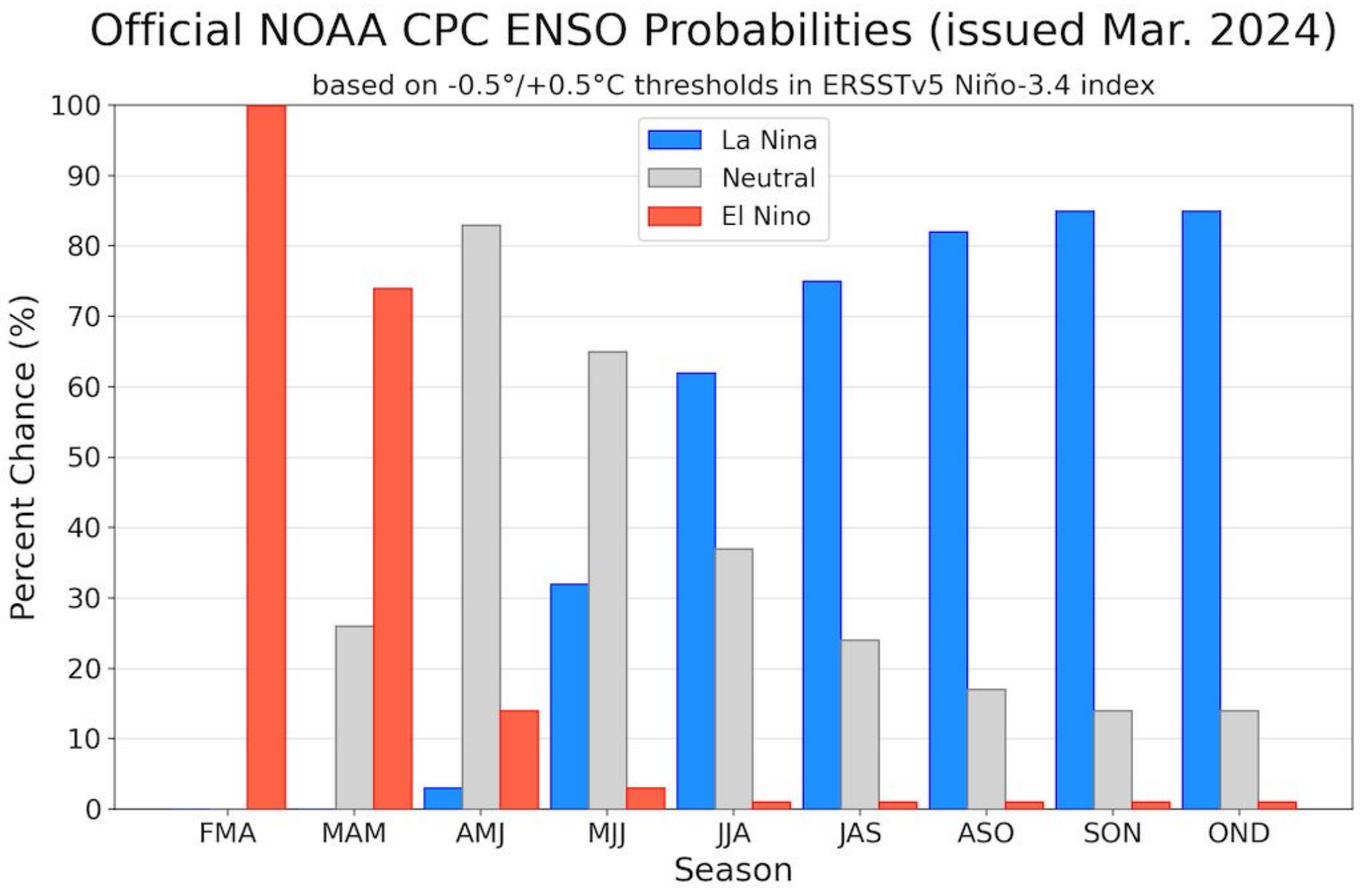
30-day Sea Surface Temperature (SST) Anomalies
Apr 7, 2024



www.cpc.ncep.noaa.gov

www.coralreefwatch.noaa.gov

Probabilistic ENSO Forecast



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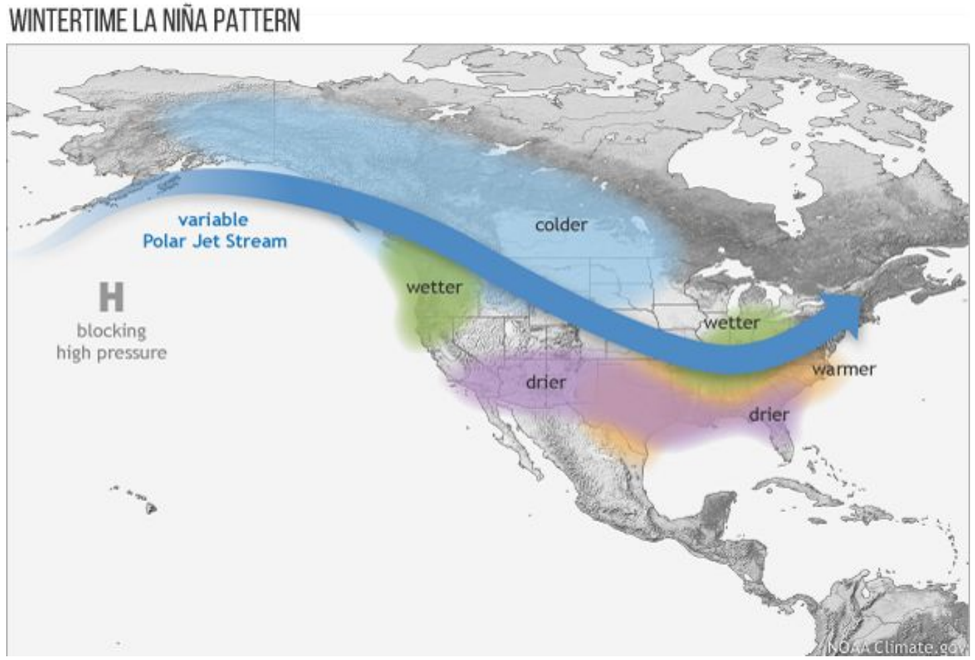
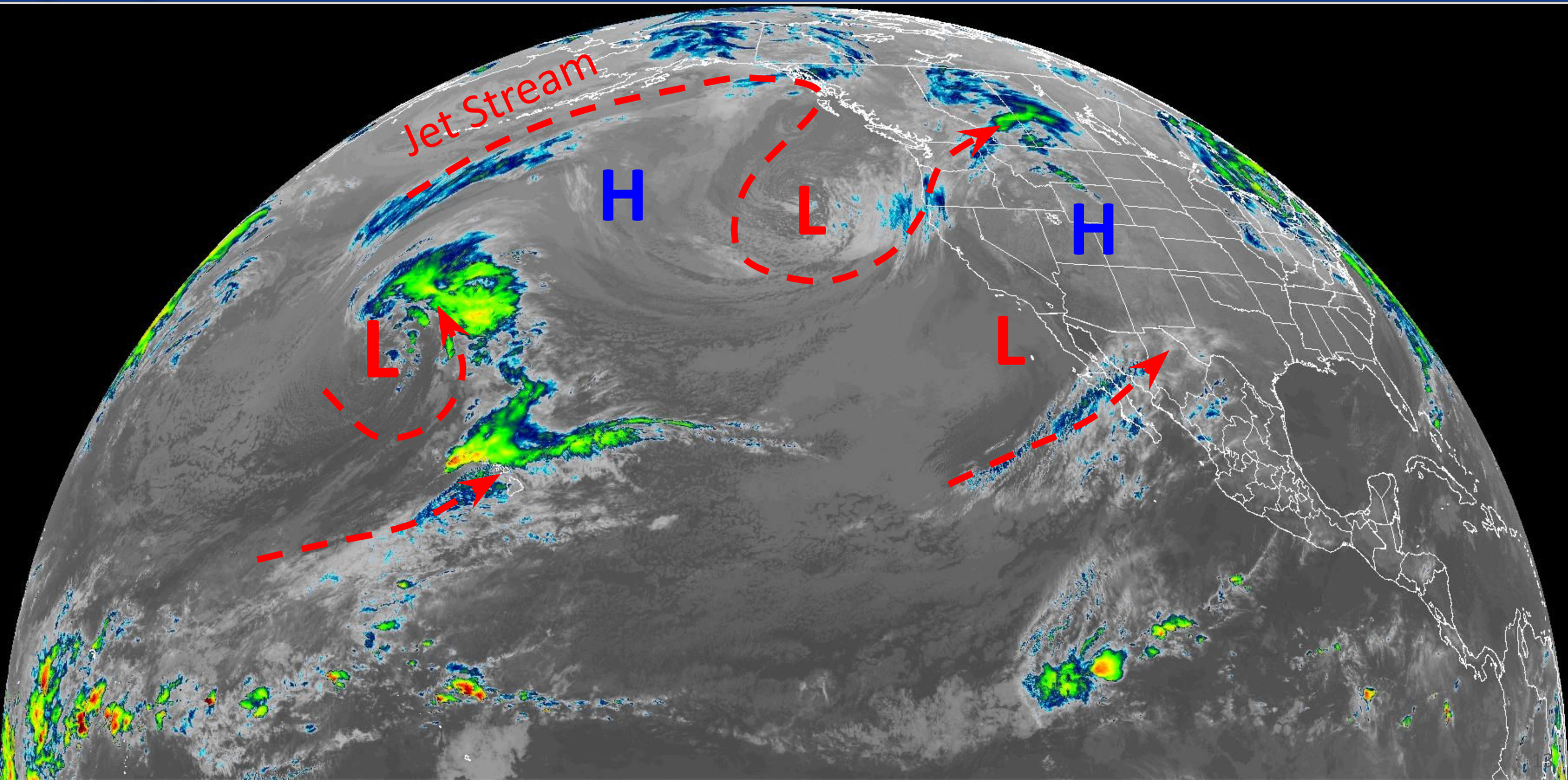


https://iri.columbia.edu/our-expertise/climate/forecasts/enso/current/

Satellite

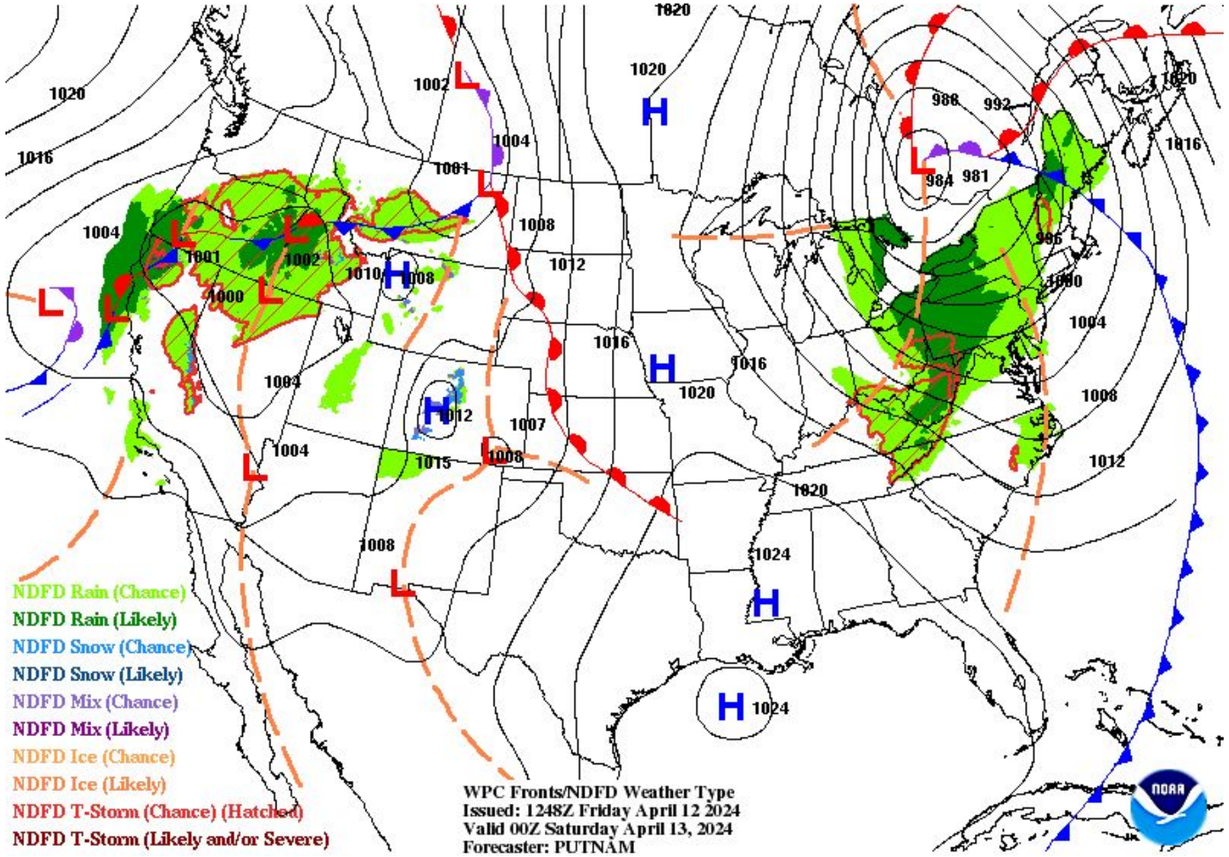
Weather Forecast Office
Boise, ID
Friday, April 12



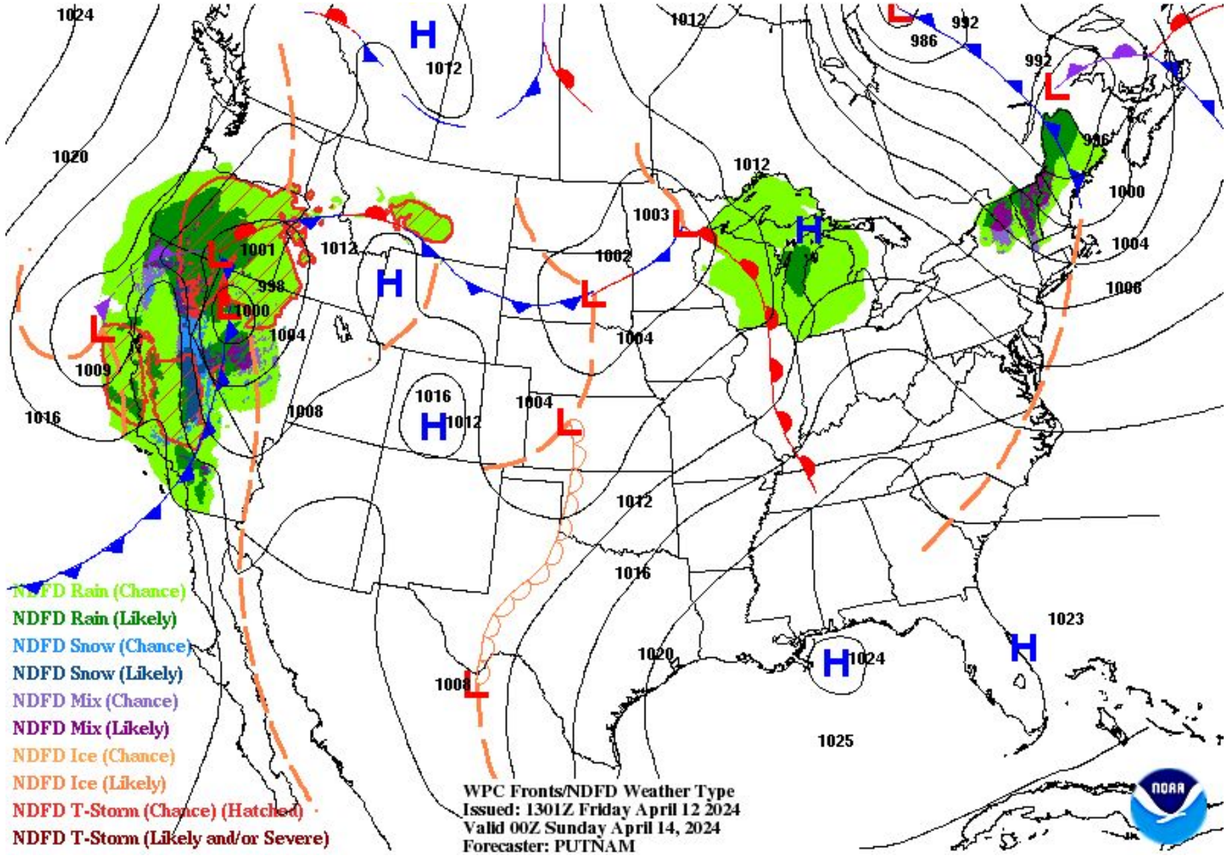
Warm & Unsettled

Weather Forecast Office
Boise, ID
Friday, April 12

6 PM Today



Saturday

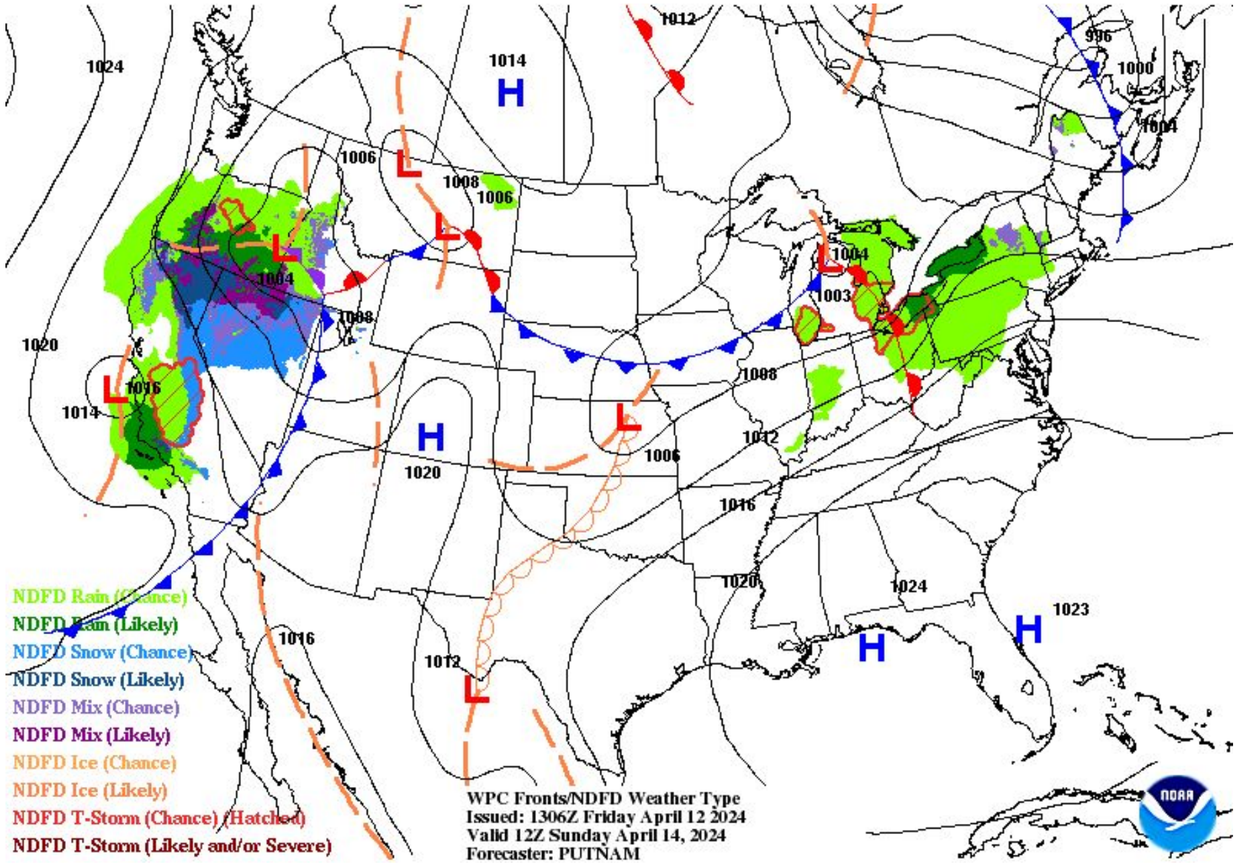


https://www.wpc.ncep.noaa.gov/

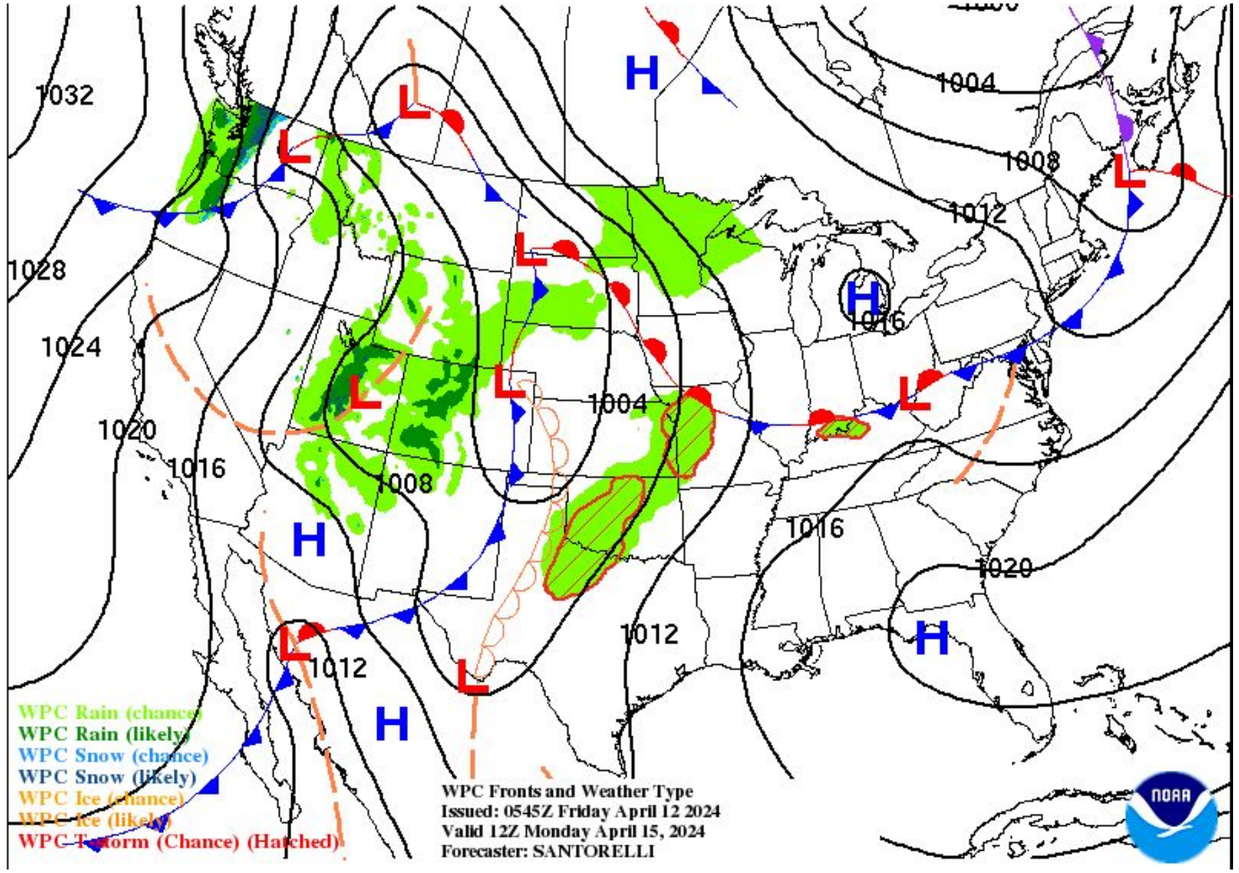
Cooling Trend

Weather Forecast Office
Boise, ID
Friday, April 12

Sunday



Monday



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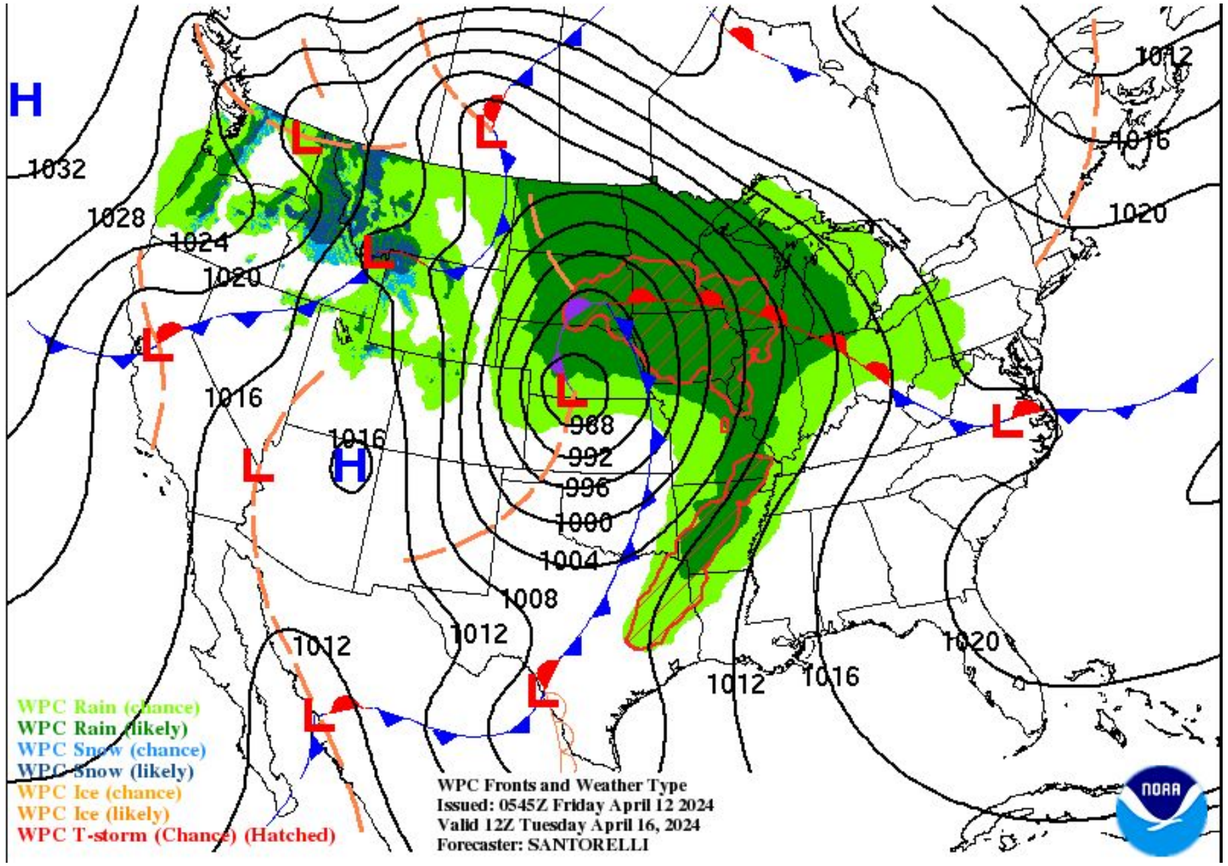
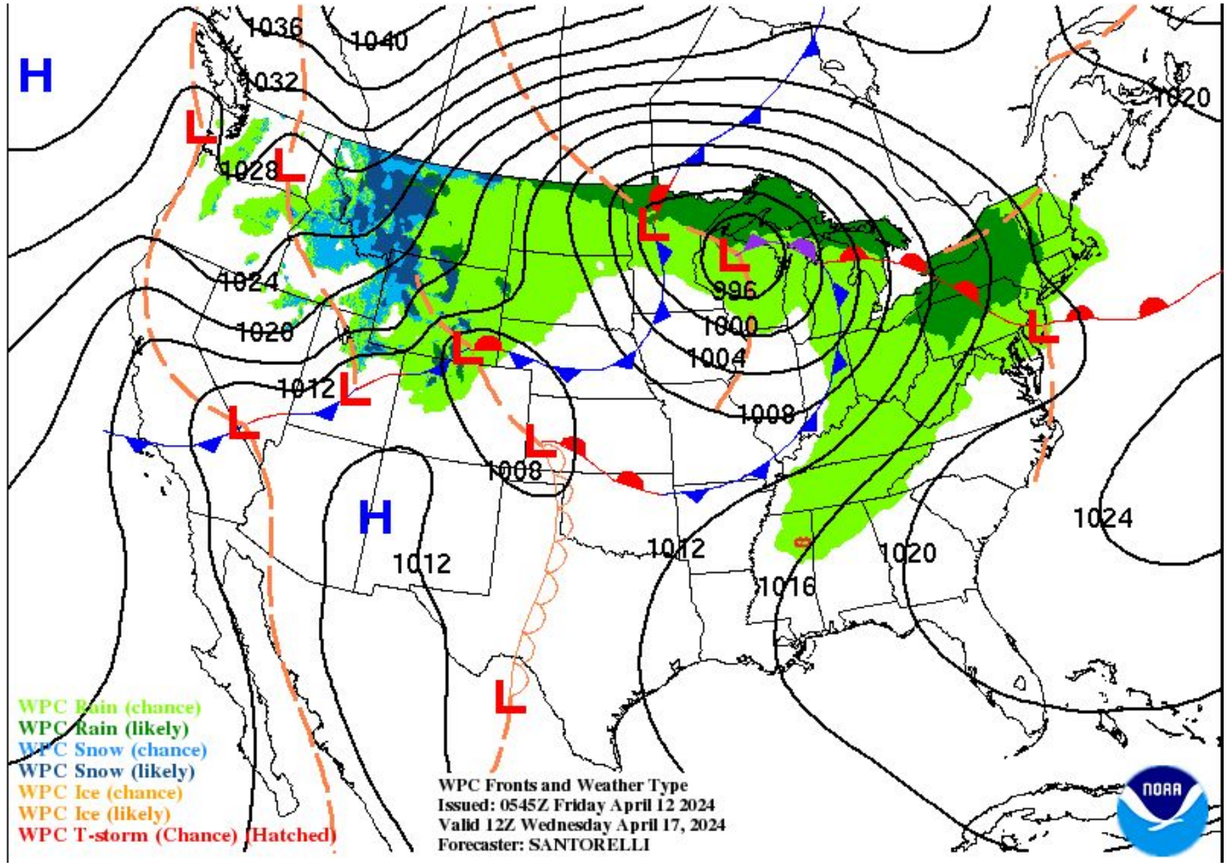
Below Normal Temps & Unsettled

Weather Forecast Office
Boise, ID
Friday, April 12

Tuesday



Wednesday



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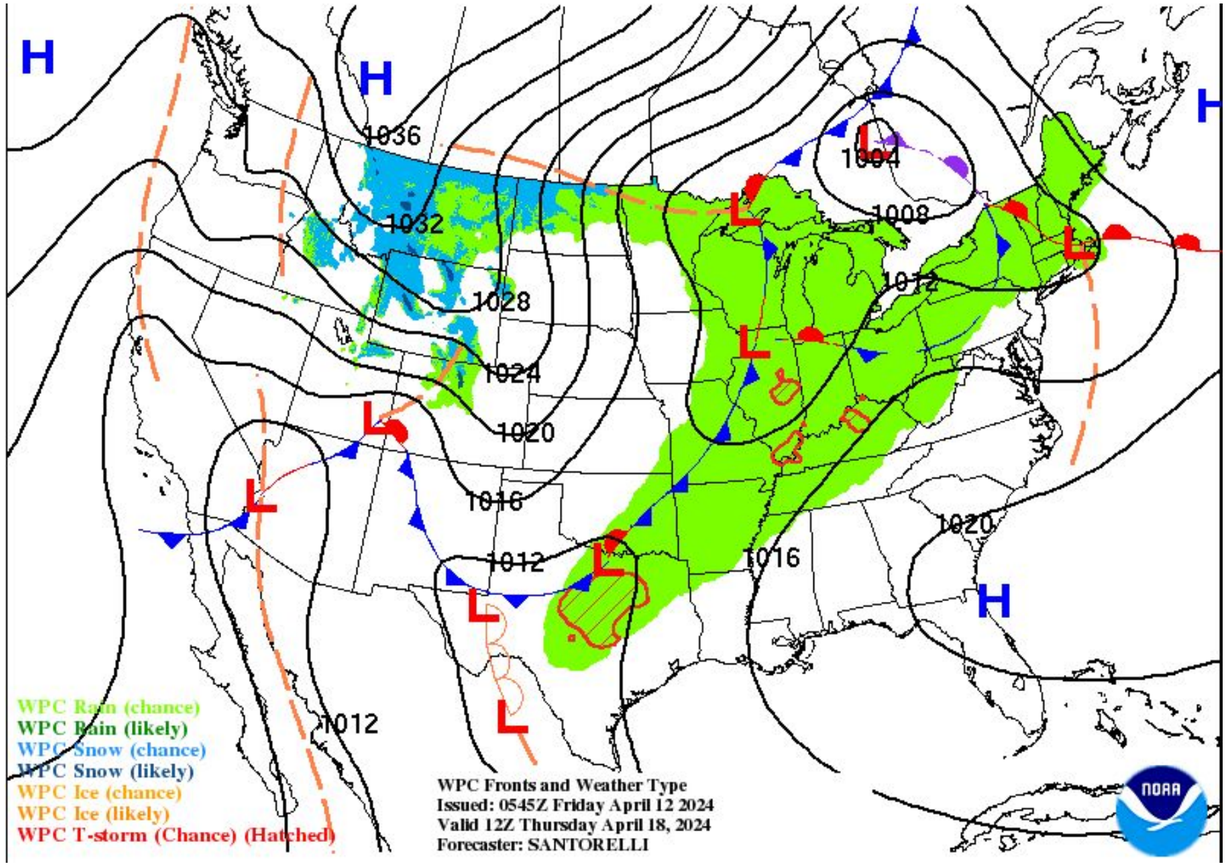
High Pressure builds

Thursday



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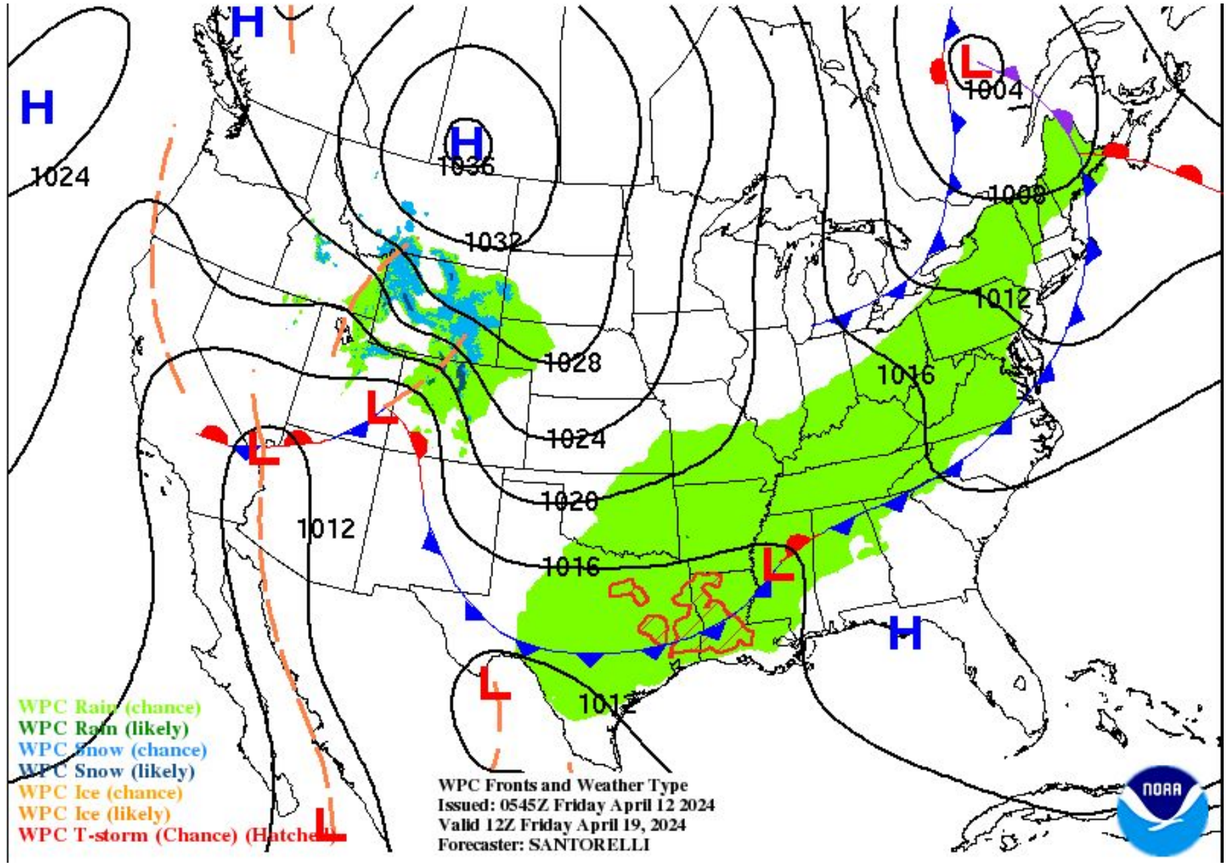

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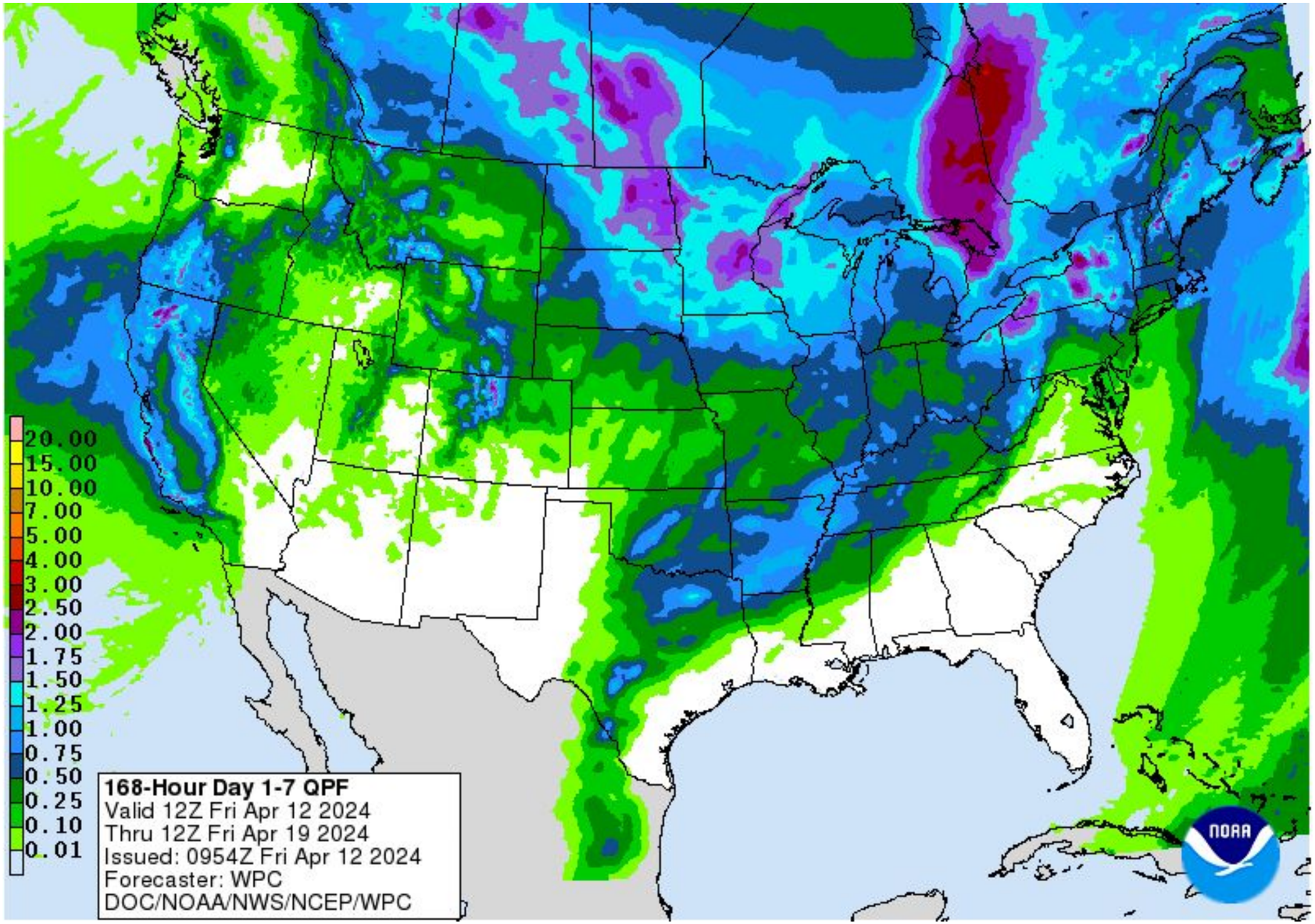
Precipitation Forecast - Next 7 Days

Weather Forecast Office
Boise, ID
Friday, April 12



https://www.wpc.ncep.noaa.gov/

Forecast

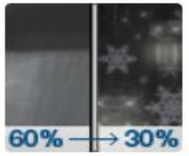
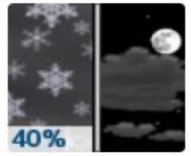
Boise (Elev. 2776 ft)

Extended Forecast for
Boise ID

Today	Tonight	Saturday	Saturday Night	Sunday	Sunday Night	Monday	Monday Night	Tuesday
Mostly Sunny	Severe Thunderstorms then Partly Cloudy	Sunny	Partly Cloudy	Chance Showers and Breezy	Slight Chance T-storms then Partly Cloudy	Mostly Sunny	Mostly Clear	Mostly Sunny
High: 79 °F	Low: 50 °F	High: 80 °F	Low: 51 °F	High: 66 °F	Low: 45 °F	High: 65 °F	Low: 37 °F	High: 52 °F

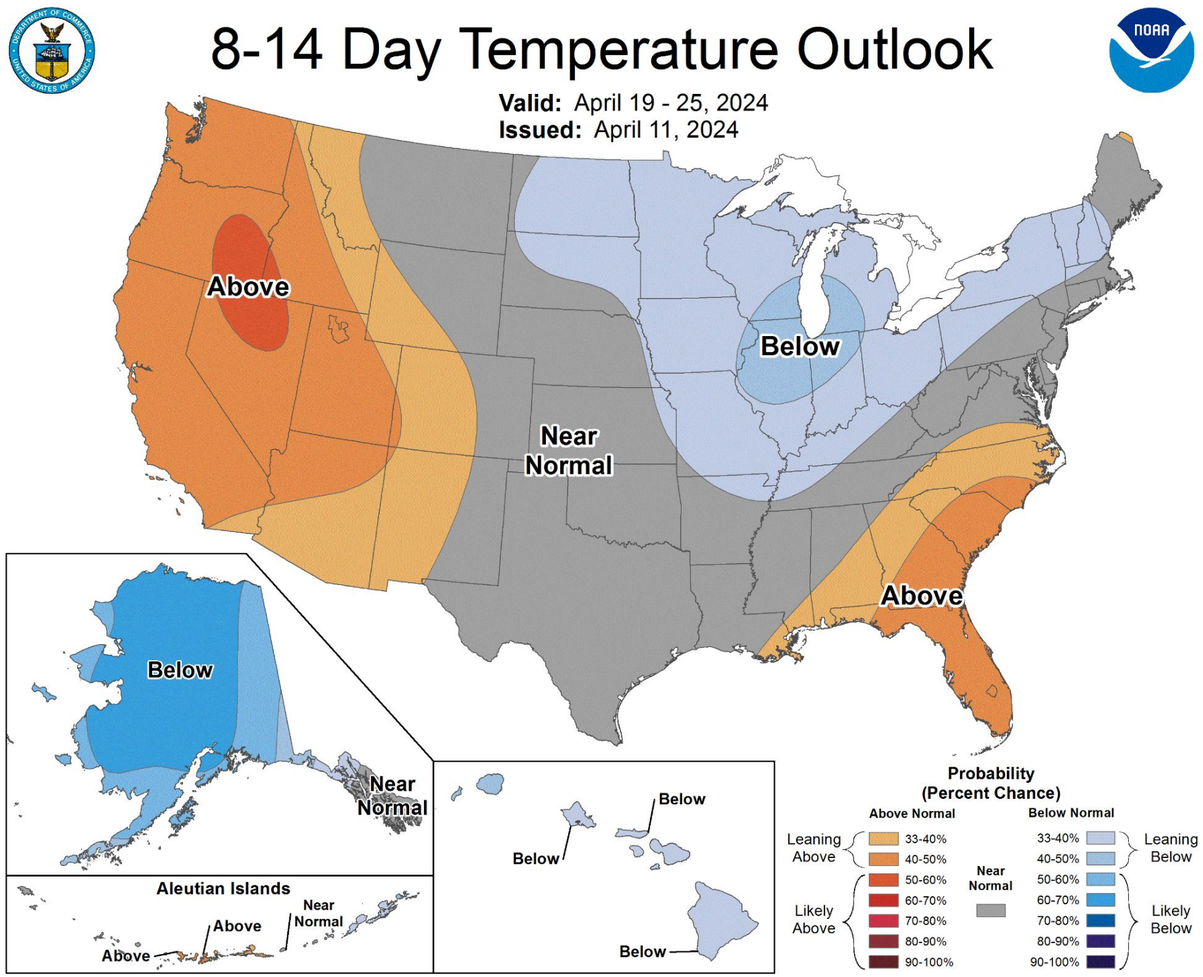
Banner Summit (Elev. 6998 ft)

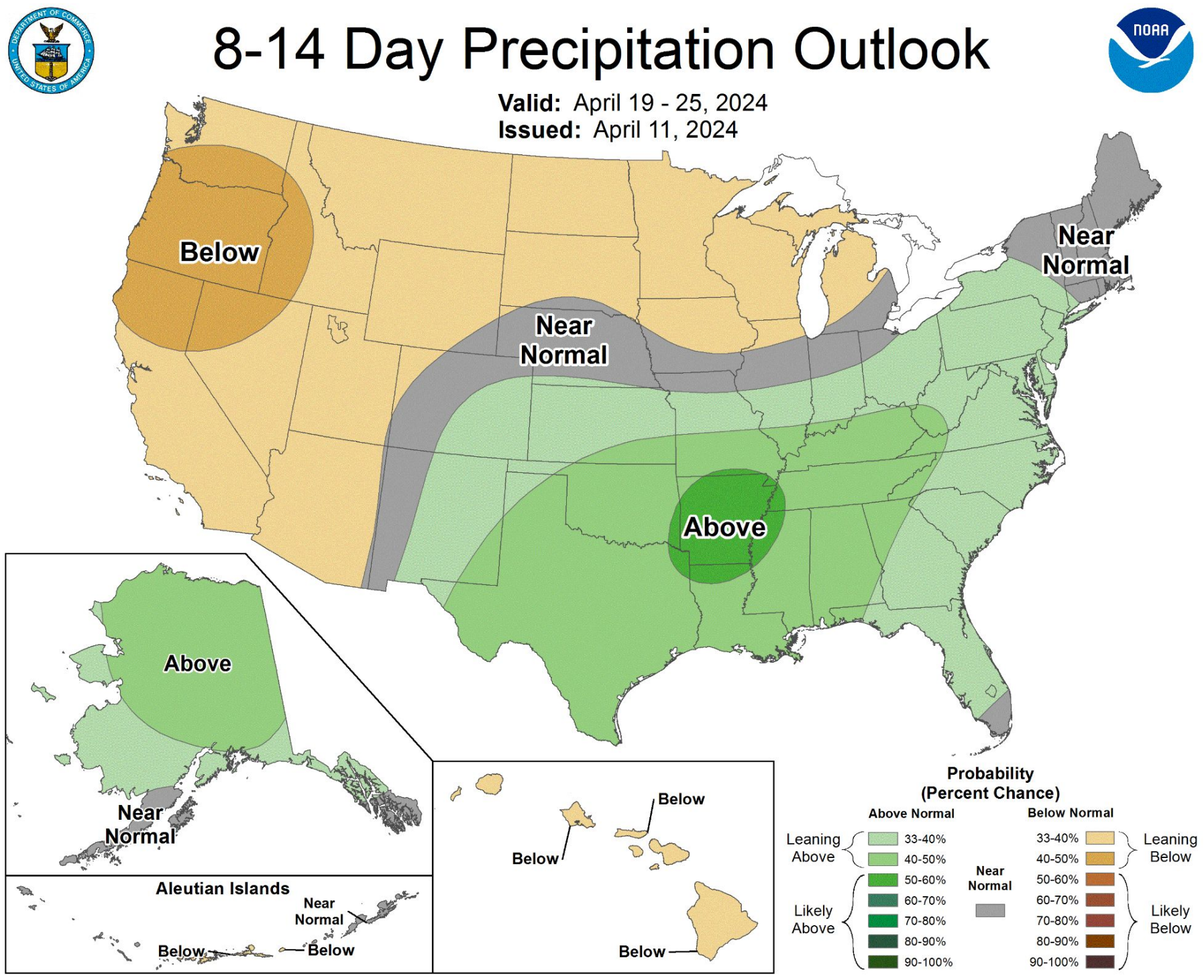
Extended Forecast for
16 Miles WNW Stanley ID

Today	Tonight	Saturday	Saturday Night	Sunday	Sunday Night	Monday	Monday Night	Tuesday
								
Sunny then Slight Chance T-storms	Showers Likely then Chance Rain/Snow	Mostly Sunny	Mostly Clear	Slight Chance Rain/Snow then Showers Likely	Chance Snow Showers then Partly Cloudy	Partly Sunny then Slight Chance Rain/Snow	Slight Chance Snow Showers	Chance Snow Showers
High: 55 °F	Low: 30 °F	High: 58 °F	Low: 28 °F	High: 51 °F	Low: 22 °F	High: 44 °F	Low: 19 °F	High: 33 °F

8-14 Day Outlook

Weather Forecast Office
Boise, ID
Friday, April 12





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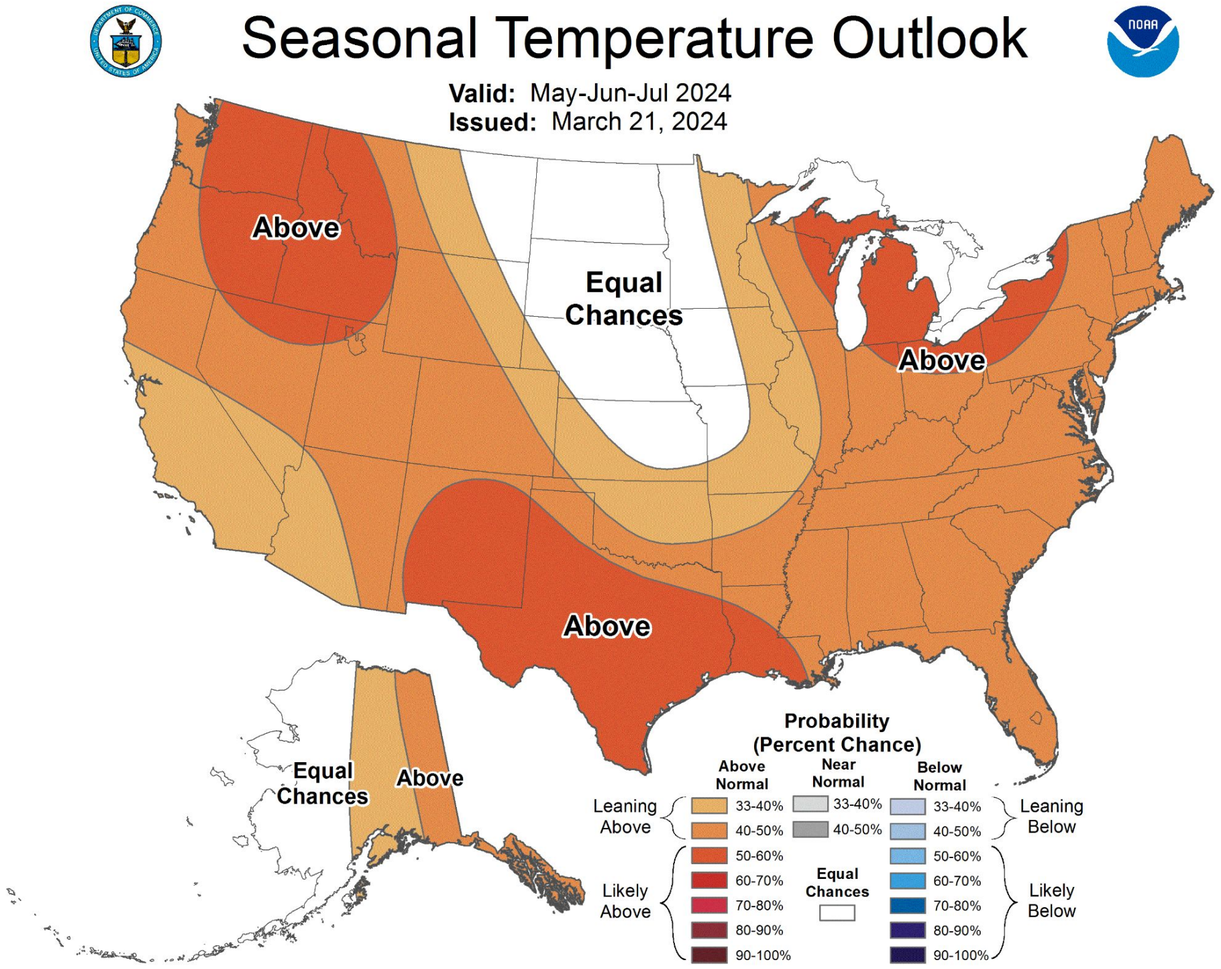
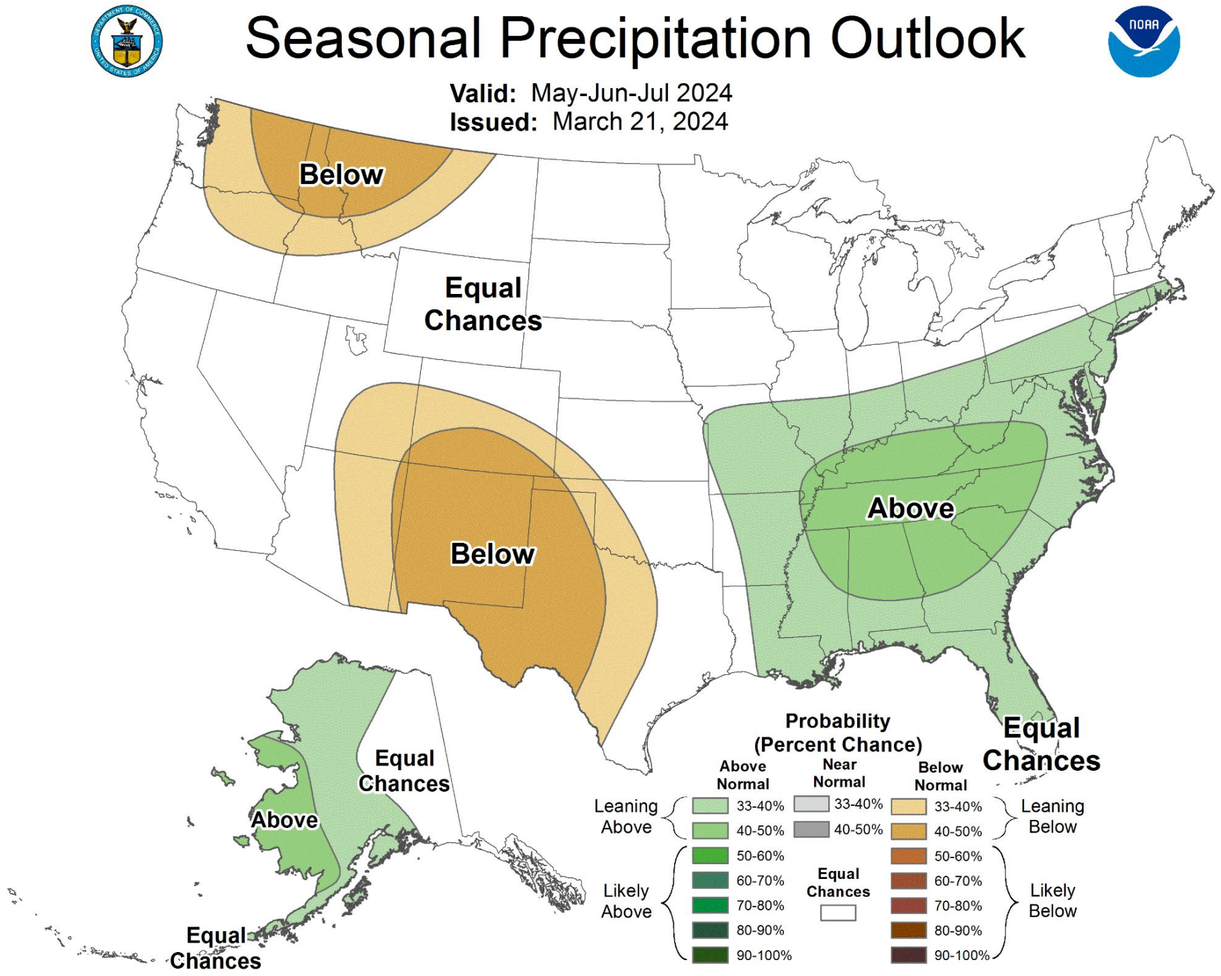
3-Month Outlook (May-Jun-Jul)

Weather Forecast Office
Boise, ID
Friday, April 12





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3-Month Outlook (Jun-Jul-Aug)

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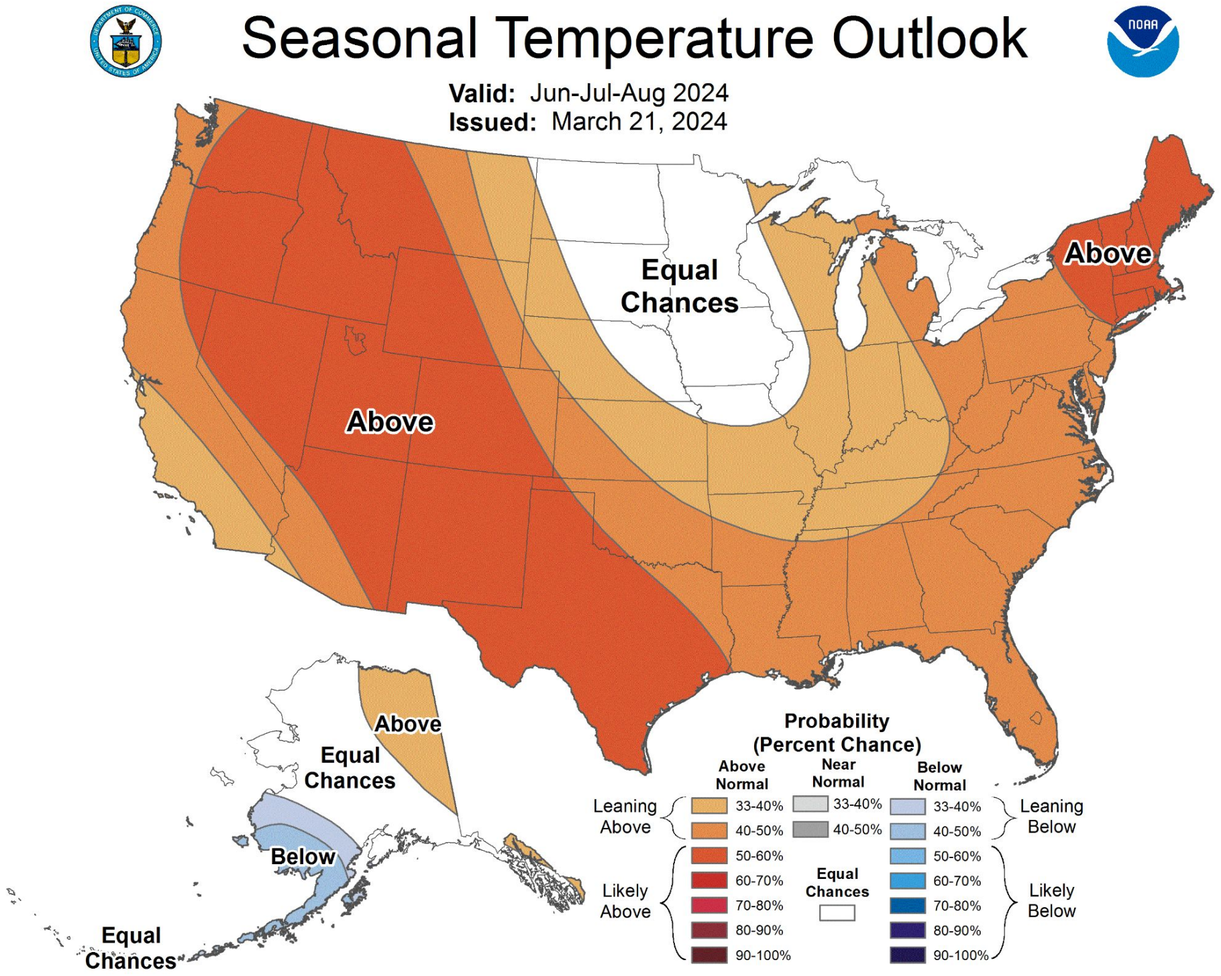
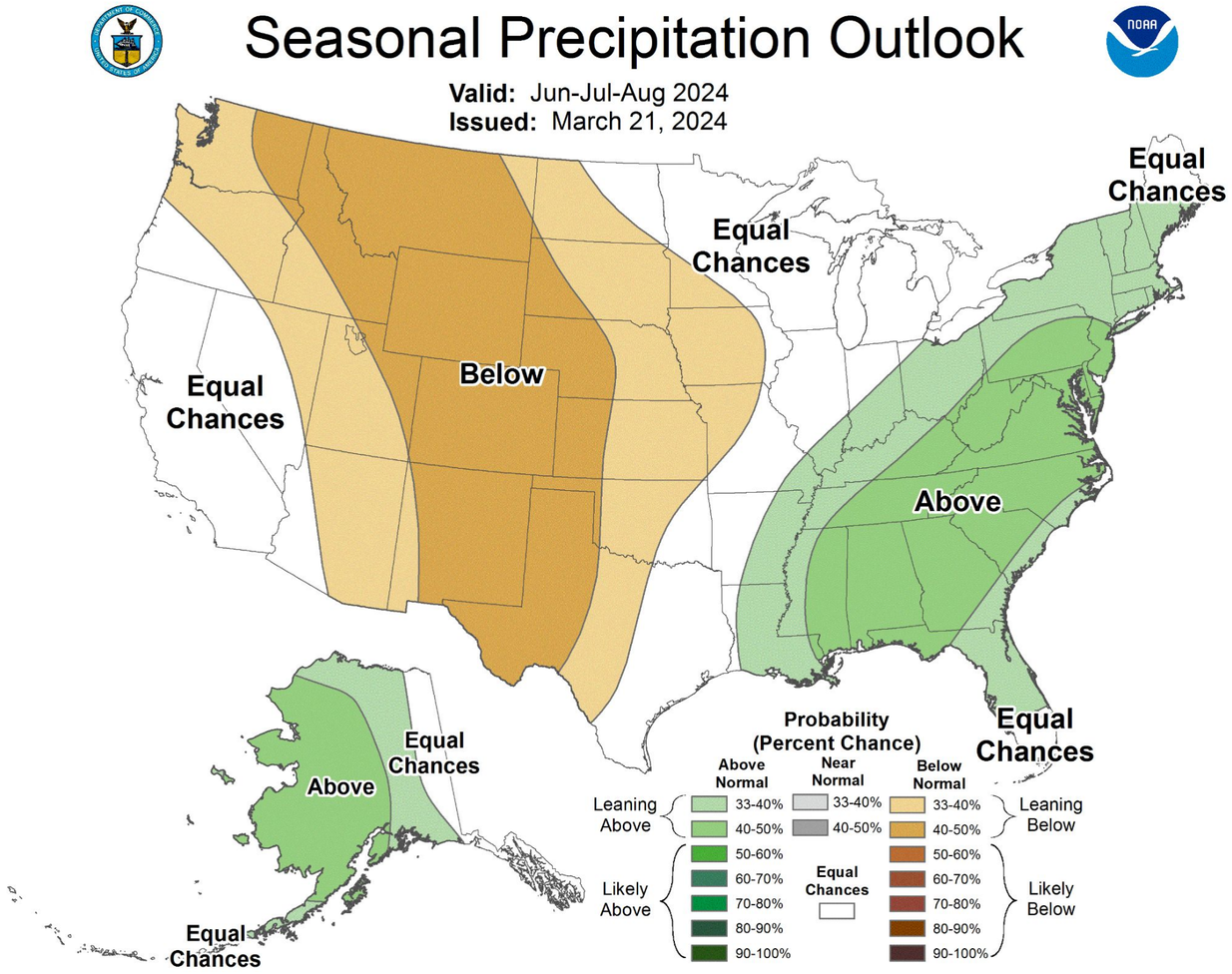
Friday, April 12





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National Water Prediction Service - NWPS

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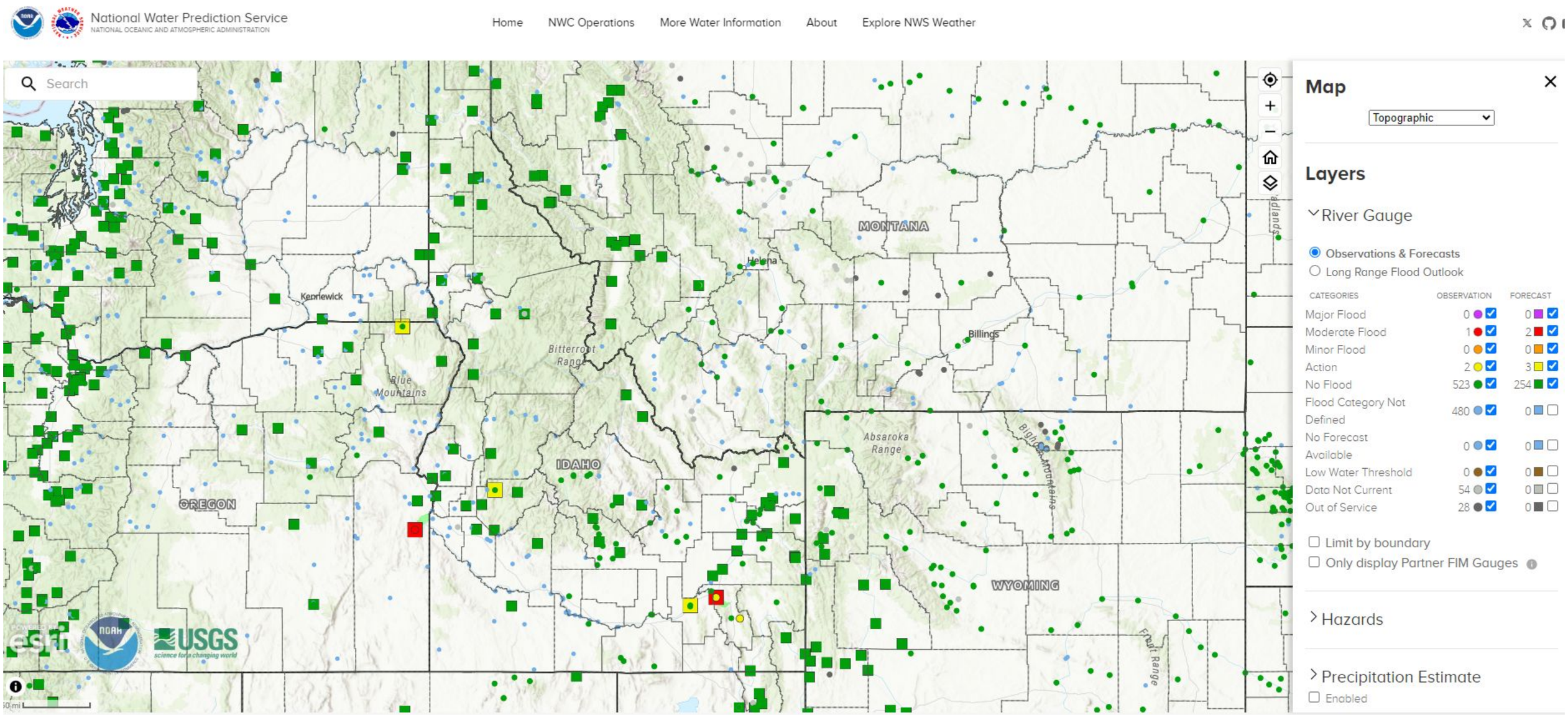
Friday, April 12



https://water.noaa.gov/

Contact Information:

weather.gov

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(208) 334-9538