Weather and Climate Outlook

Idaho Water Supply Committee Meeting

Weather Forecast Office

Boise, ID

Tuesday, March 12

Presenter : Troy Lindquist

- Recent Conditions
- El Niño Southern Oscillation (ENSO) update
- Forecast - Short term
- Seasonal Temperature & Precipitation Outlook
- National Water Prediction Service

Snowpack Comparison

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Tuesday, March 12

Feb 11, 2024

Mar 11, 2024

https://www.nohrsc.noaa.gov/

24 Hour Snow Water Equivalent Change

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www.nohrsc.noaa.gov

Tamarack Snow Stake

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March Temperature & Precipitation

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Boise Temperature and Precipitation

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McCall Temperature and Precipitation

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Twin Falls Temperature and Precipitation

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Idaho Falls Temperature and Precipitation

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Lewiston Temperature and Precipitation

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Winter Sky Condition

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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 consistent with El Niño**
- **A transition from El Niño to ENSO-neutral is likely by April-June (79% chance), with increasing odds of La Niña developing in June-August (55% chance)**

30-day Sea Surface Temperature (SST) Anomalies
Mar 10, 2024

Probabilistic ENSO Forecast

- **A transition from El Niño to ENSO-neutral is likely by April-June (79% chance), with increasing odds of La Niña developing in June-August (55% chance)**

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

Satellite - North Pacific

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Pattern Change to Dry and Warmer

[DAY 4]

Pattern Shift Late Next Week?

[DAY 9]

Forecast

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Boise (Elev. 2776 ft)

Today	Tonight	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday	Friday Night	Saturday
90% ⟶ 50%	40%							
Showers then Scattered Showers	Chance Showers then Mostly Cloudy	Mostly Sunny	Mostly Clear	Sunny	Mostly Clear	Sunny	Clear	Sunny
High: 54 °F	Low: 32 °F	High: 48 °F	Low: 27 °F	High: 54 °F	Low: 31 °F	High: 56 °F	Low: 34 °F	High: 60 °F

Banner Summit (Elev. 6998 ft)

NOW until 10:00pm Tue

Winter Weather Advisory

Today	Tonight	Wednesday	Wednesday Night	Thursday	Thursday Night	Friday	Friday Night
100%	80%	30%					
Heavy Snow	Snow Showers	Chance Snow	Mostly Clear	Sunny	Mostly Clear	Sunny	Mostly Clear
High: 32 °F	Low: 12 °F	High: 27 °F	Low: 7 °F	High: 37 °F	Low: 9 °F	High: 42 °F	Low: 15 °F

Probability of Temperature >= 70 degrees

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Precipitation Forecast

Tuesday, March 12

Wednesday, March 13

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

Precipitation Forecast

Thursday, March 14

Friday, March 15

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

Precipitation Forecast

Saturday, March 16

Sunday, March 17

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

6-10 Day Outlook

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www.cpc.ncep.noaa.gov

8-14 Day Outlook

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3-Month Outlook (Apr-May-Jun)

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3-Month Outlook (May-Jun-Jul)

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3-Month Outlook (Jun-Jul-Aug)

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www.cpc.ncep.noaa.gov

National Water Prediction Service - NWPS

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https://preview.water.noaa.gov/

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