Weather & Climate Outlook

IDWR Water Supply Committee Meeting

January 14, 2021

Troy Lindquist
Service Hydrologist
NWS Boise

This Week’s Atmospheric River

24-Hour Observed Precipitation

24 Hour Modeled Snowmelt
January 13, 2021

Hydrologic Response

Snowfall analysis from the last 72 hours

Ending: 5 AM MST Thursday January 14th, 2021

https://www.weather.gov/crh/snowfall

January 14, 2021 Snowpack

January 14, 2020 Snowpack

Monthly Precipitation

Current Water Year

Temperature & Precipitation

Current Water Year

Temperature and Precipitation at Boise

IR Satellite Imagery

14 Jan 2021 05:31Z NOAA/NESDIS/STAR GOES-West Band 14

11am Thursday Forecast
500mb Relative Humidity
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11am Friday Forecast
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11am Saturday Forecast
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11am Sunday Forecast
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11pm Monday Forecast
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11am Tuesday Forecast
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11pm Tuesday Forecast
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11am Wednesday Forecast
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11pm Wednesday Forecast
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11am Thursday Forecast
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7-Day Precipitation Forecast

Through 5 PM Wednesday, Jan. 20th

January 14, 2021 Forecast

10-Day Precipitation Forecast

Through 5 AM Saturday, Jan. 23

Outlook for Late January

Sea Surface Temperature (SST) Anomalies

- Below average SST in the central and eastern tropical Pacific

Models favor La Niña conditions continuing into spring of 2021

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

La Niña Impacts

Three-Month Outlook
February through April

Three-Month Outlook
March through May

Three-Month Outlook
April through June

Northwest River Forecast Center
Water Supply Forecasts

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- [x] NWRFC Boundary
- [ ] NWRFC Basins
- [ ] NWS HSAs
- [ ] Counties

ESP WS Volumes
- WS Status
- (•) WS % of Normal
- Rank (ASC)
- Rank (DESC)
- Exceedance (%)
- Percentile (%)

Runoff Volumes
- Runoff Status
- Runoff % of Normal

Water Supply Forecast

Period: APR-SEP
(% Normal)

- No Normal, No data
- < 25
- 25-50
- 50-75
- 75-90
- 90-110
- 110-125
- 125-150
- 150-175
- > 175

Stations Displayed: 124

Water Supply Links
- Forecast Listing
- Forecast Report
- Forecast Report CSV
- Point Metadata CSV

Contact Info:

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