

Utah Water Assessment & Conditions Monitoring (Drought Webinar)

The meeting will begin shortly









Thank you to our contributors





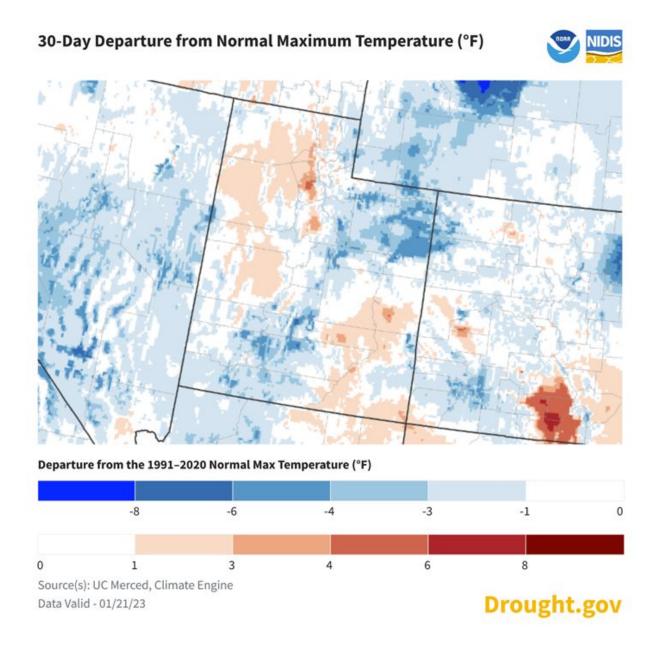




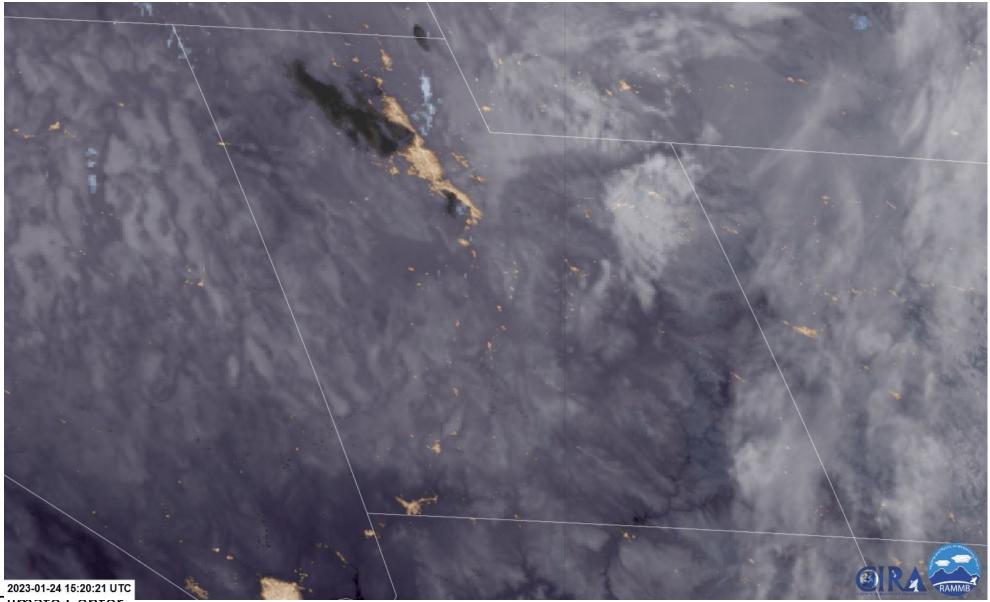
Utah Water Assessment & Conditions Monitoring Webinar

January 24, 2023

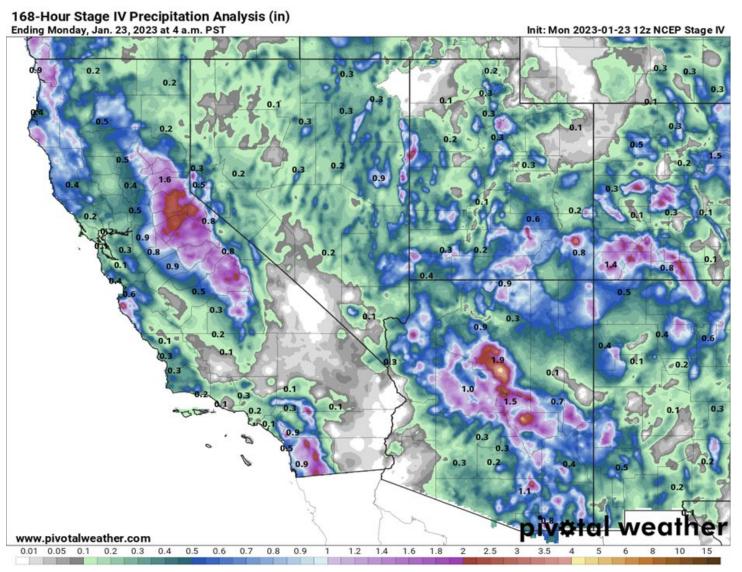
Temperature 30 day (Related to Average)



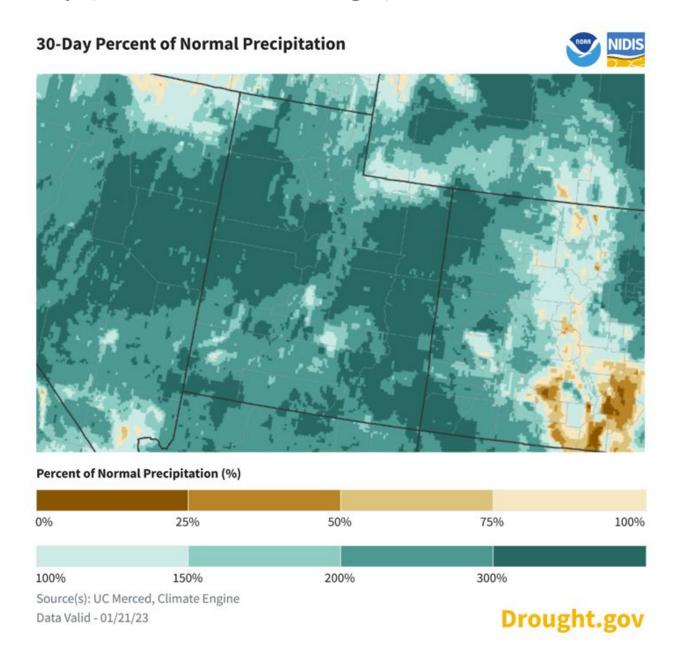
Temperature 30 day (Related to Average)



Precipitation 7 day history

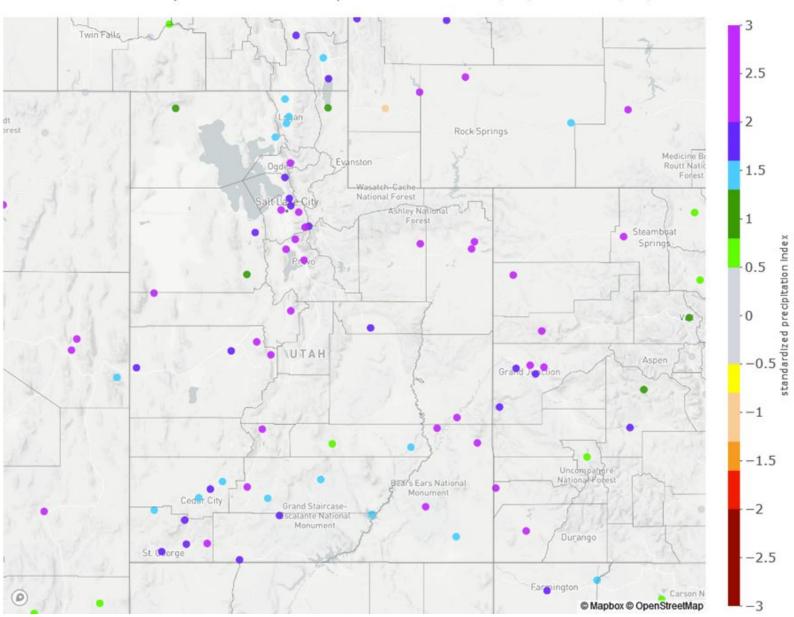


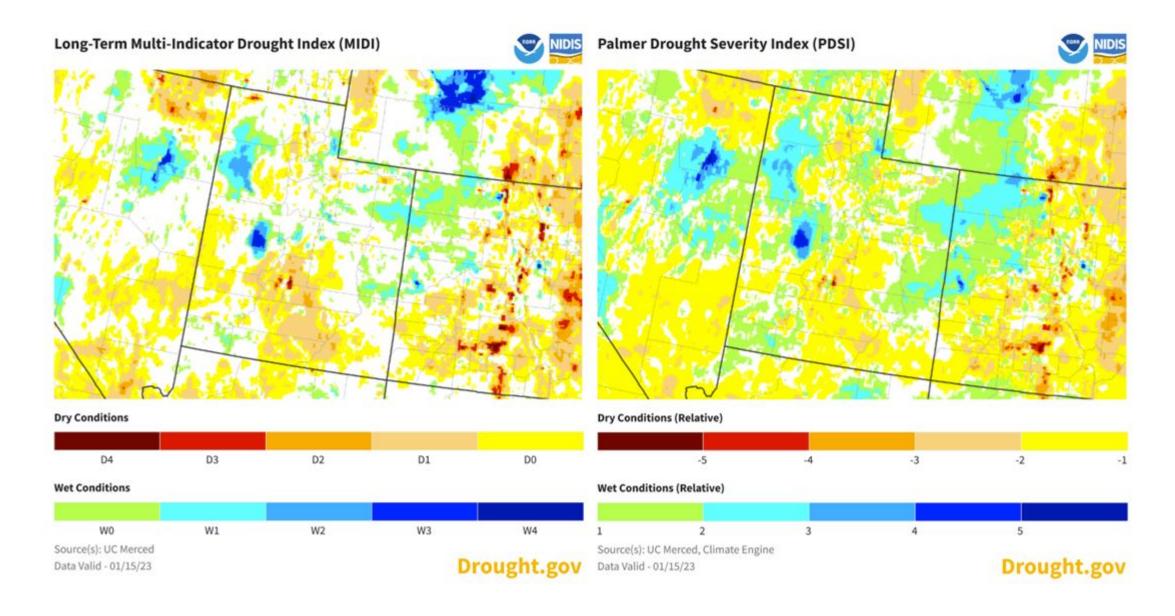
Precipitation 30 day history (Percent of Average)



Temperature 30 day (Related to Average)

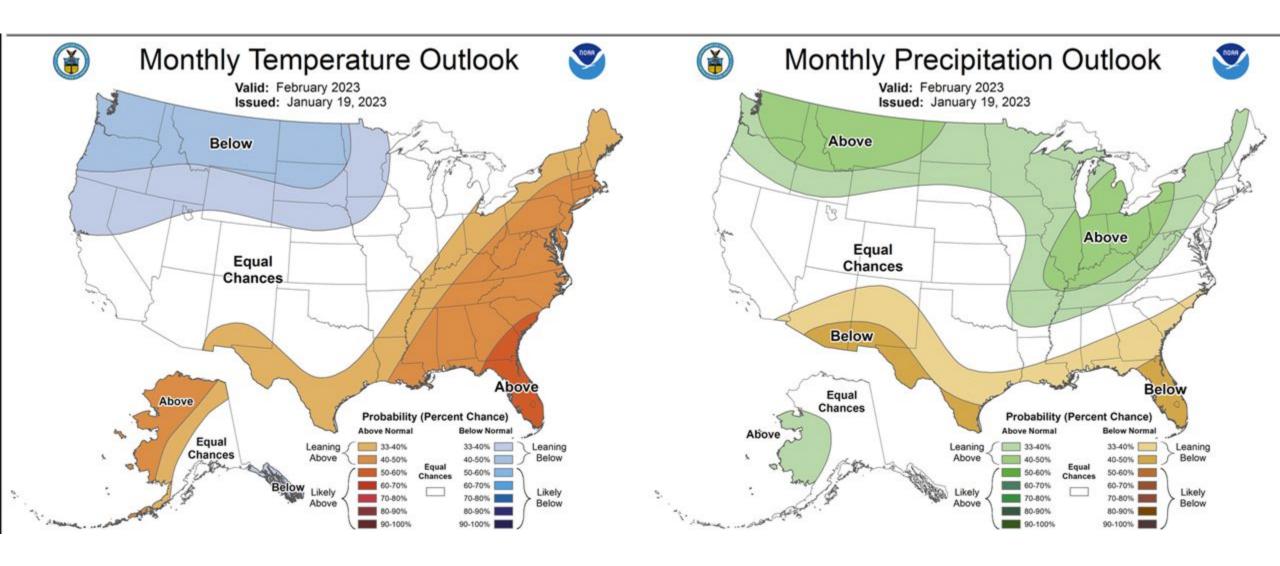
30-day Standardized Precipitation Index: 2022/12/24 - 2023/01/22



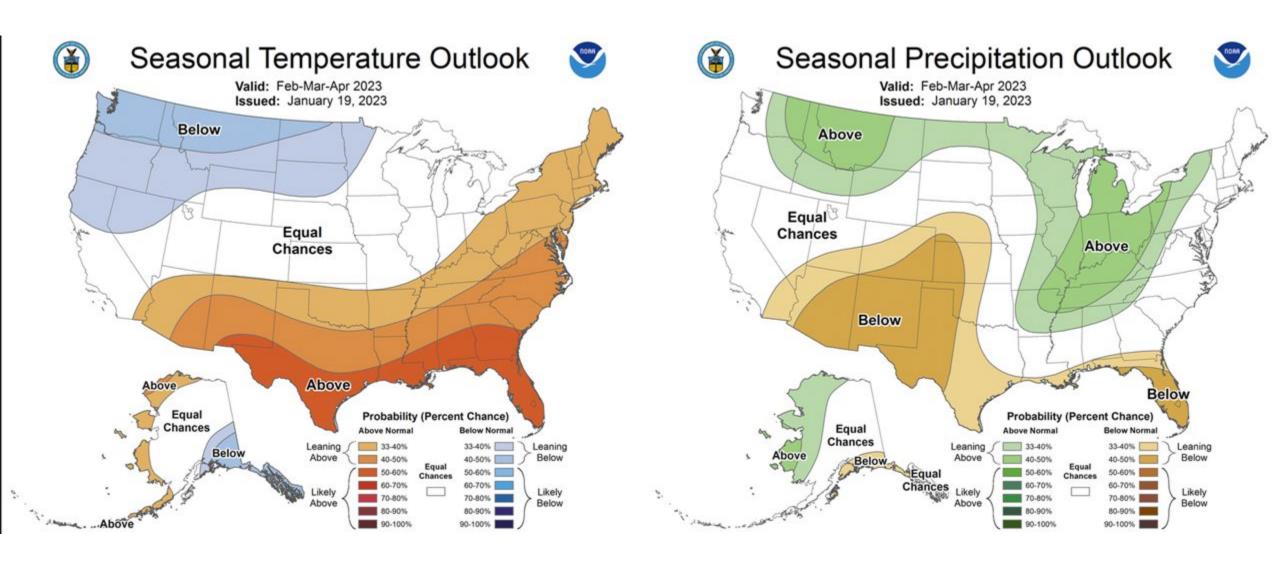


Agency - Utah Climate Center Presenter - Jon Meyer

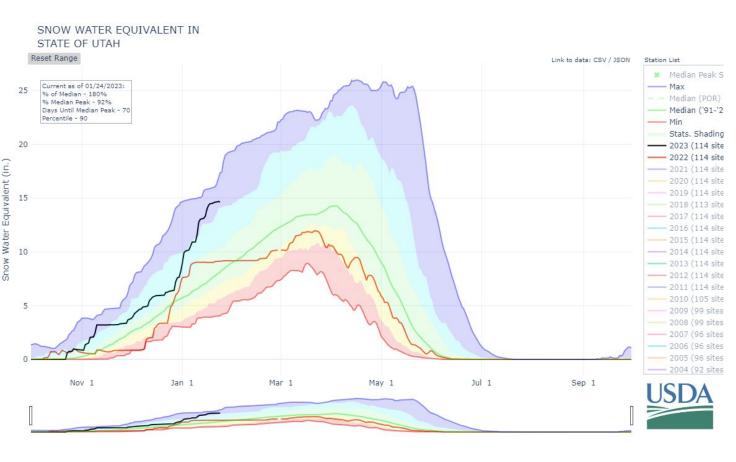
CPC February Outlook



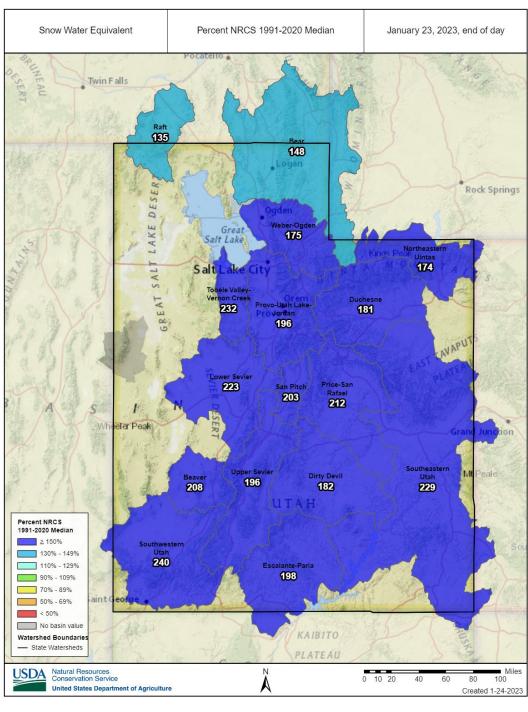
CPC Feb-Apr Outlook

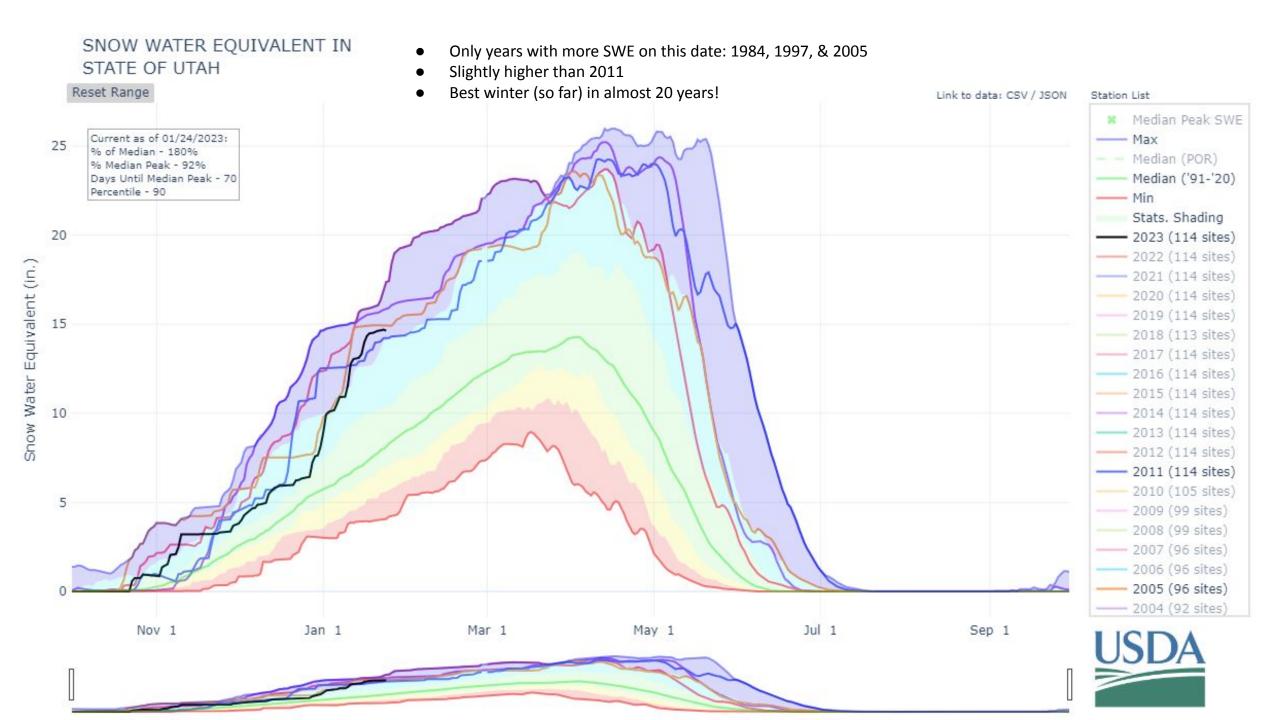


Snowpack

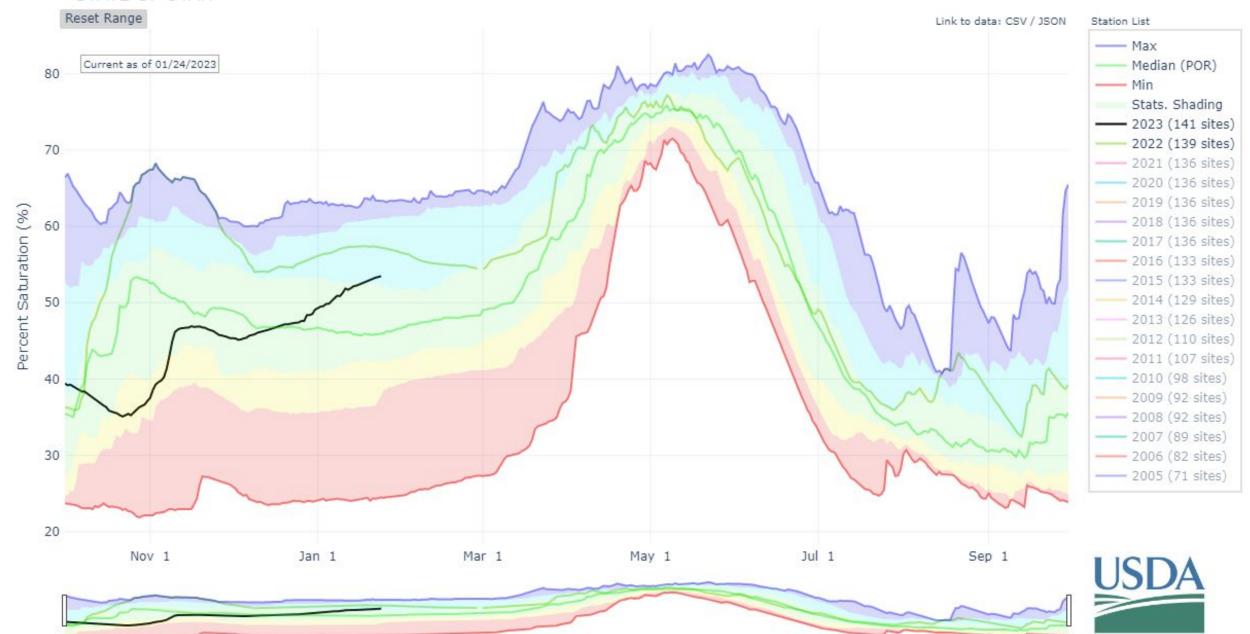


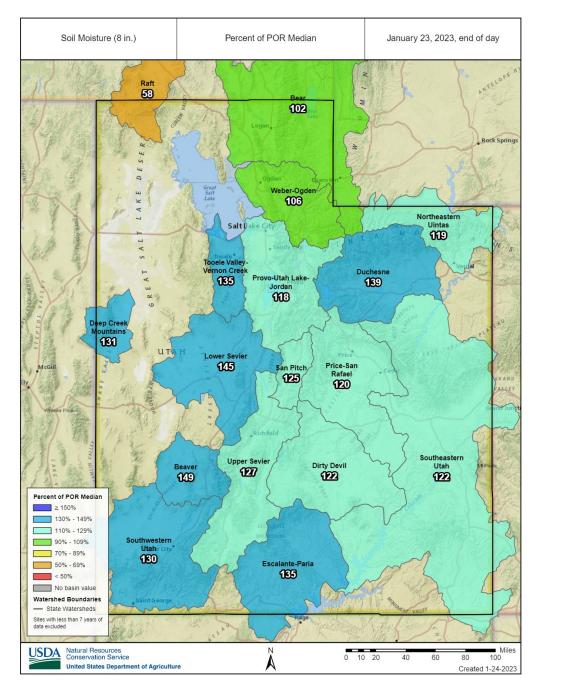
Agency - NRCS Snow Survey Presenter - Jordan Clayton

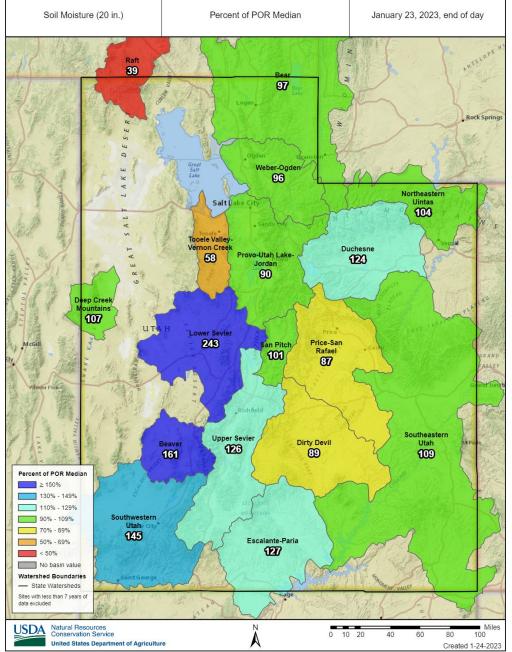




DEPTH AVERAGED SOIL SATURATION IN STATE OF UTAH

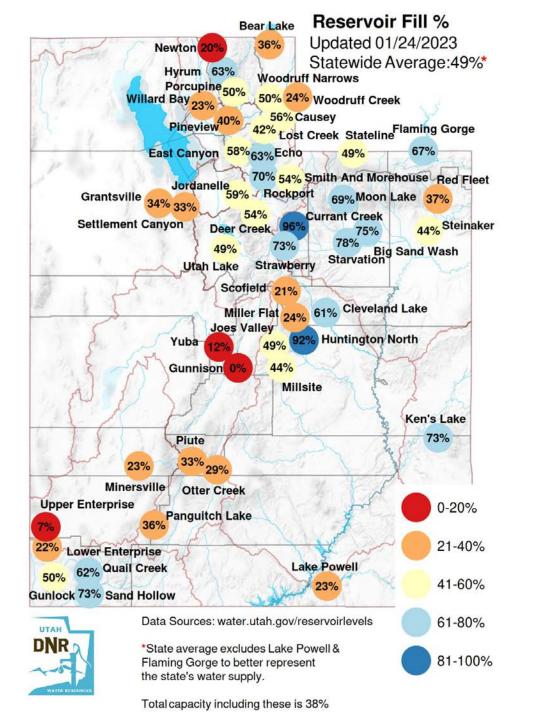




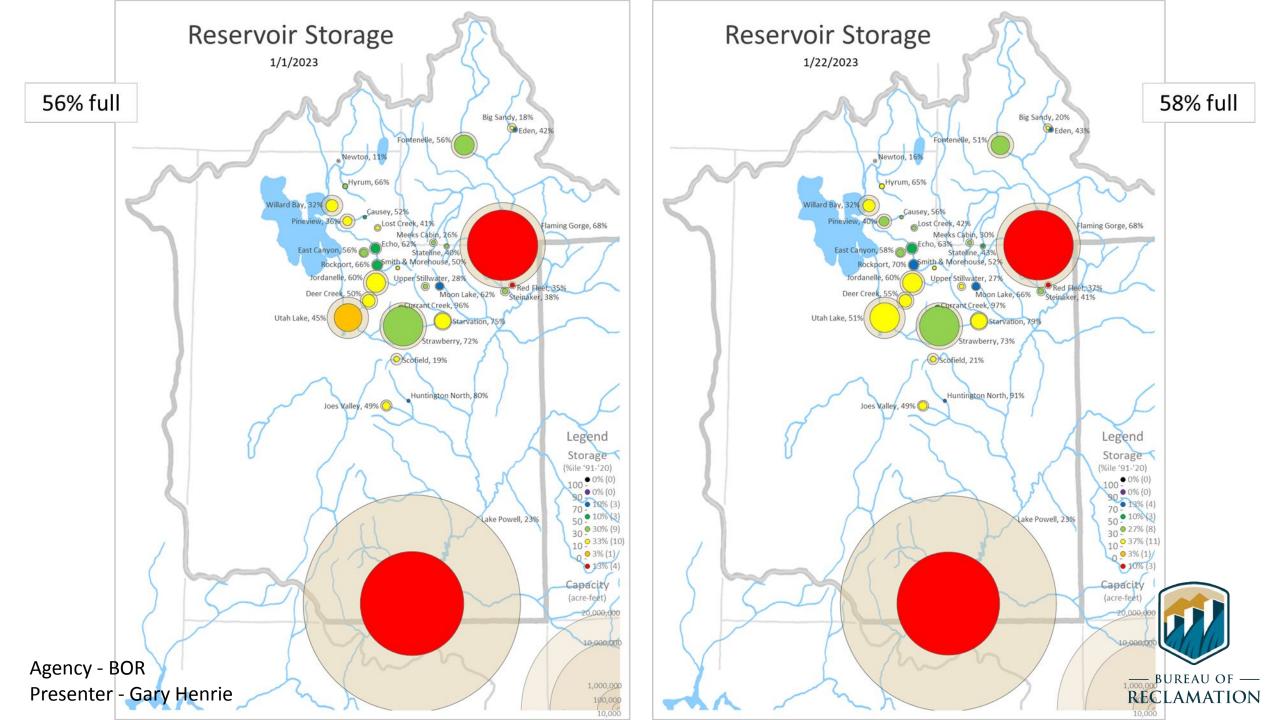


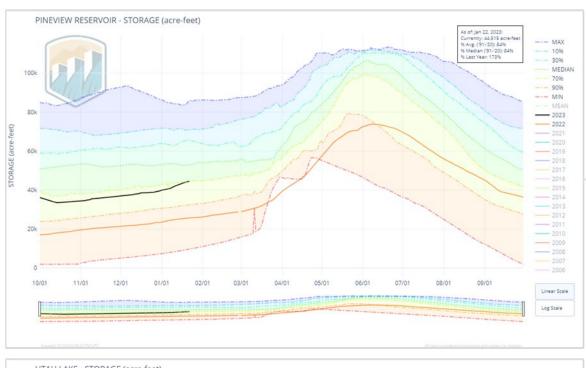
Reservoir levels

Current statewide average 49% This time last year 47% Median this time of year 58%



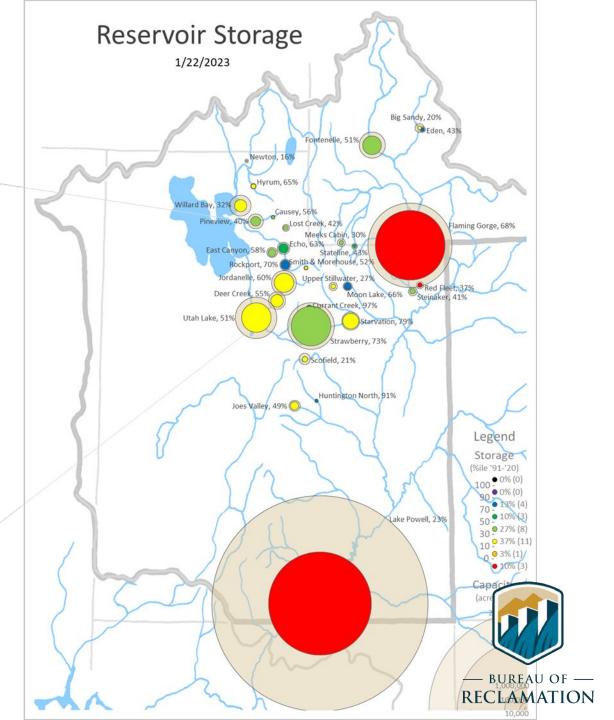




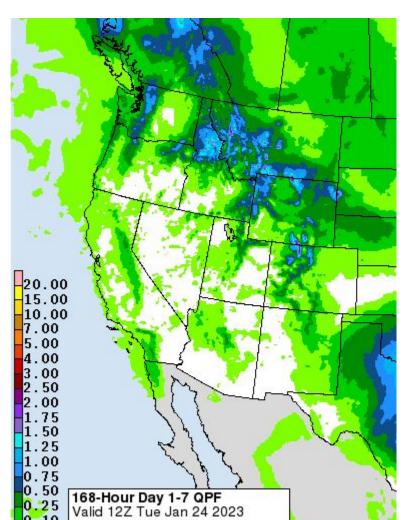




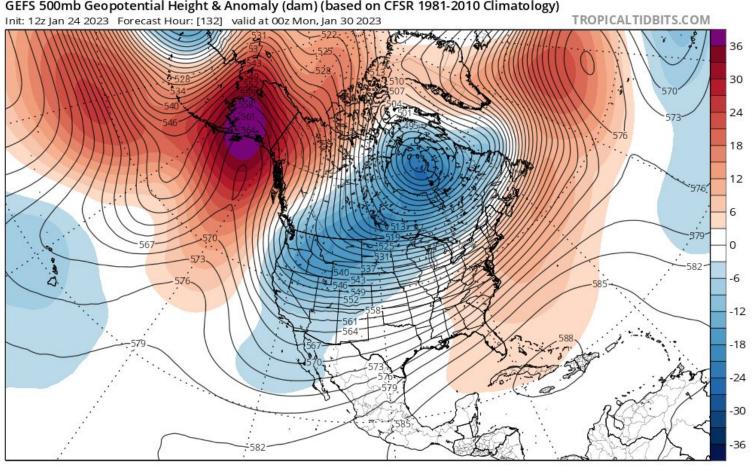
Presenter - Gary Henrie



Weather Forecast Office Utah Day 1-7 Outlook







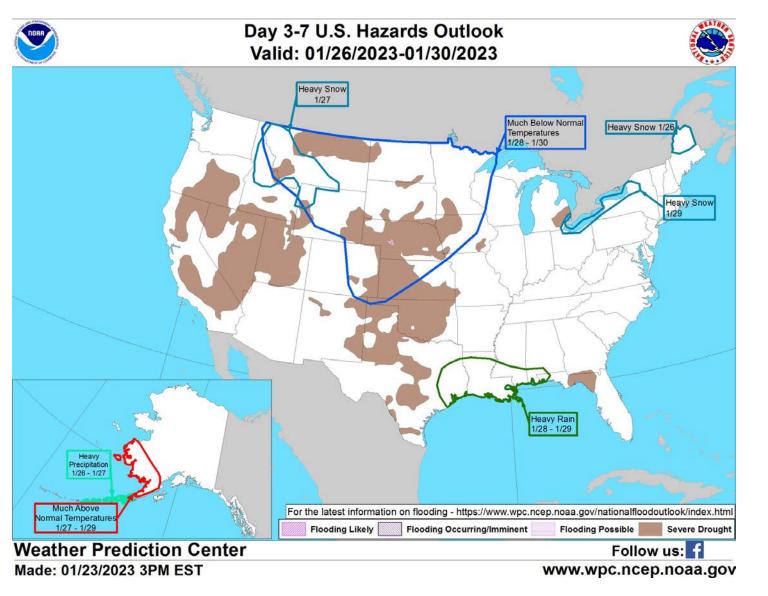
Agency - National Weather Service Weather Forecast Office Presenter - Glen Merrill

Thru 12Z Tue Jan 31 2023 Issued: 1004Z Tue Jan 24 2023

DOC/NOAA/NWS/NCEP/WPC

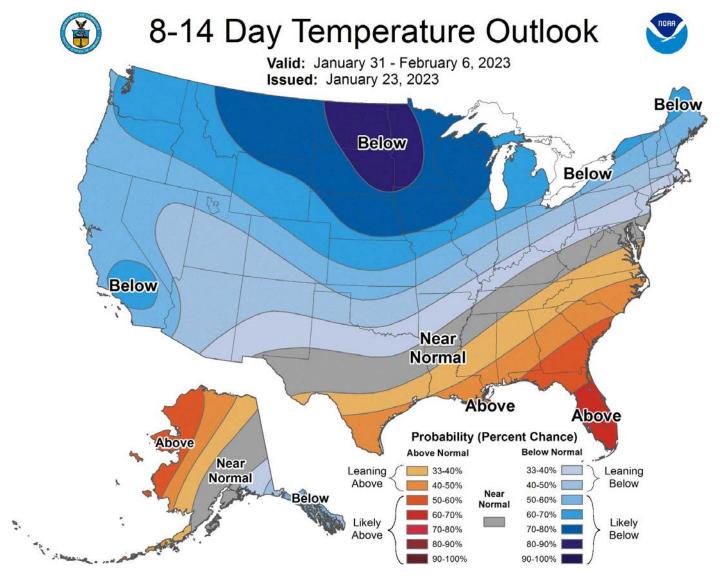
Forecaster: WPC

Weather Prediction Center U.S. Day 3-7 Hazards Outlook





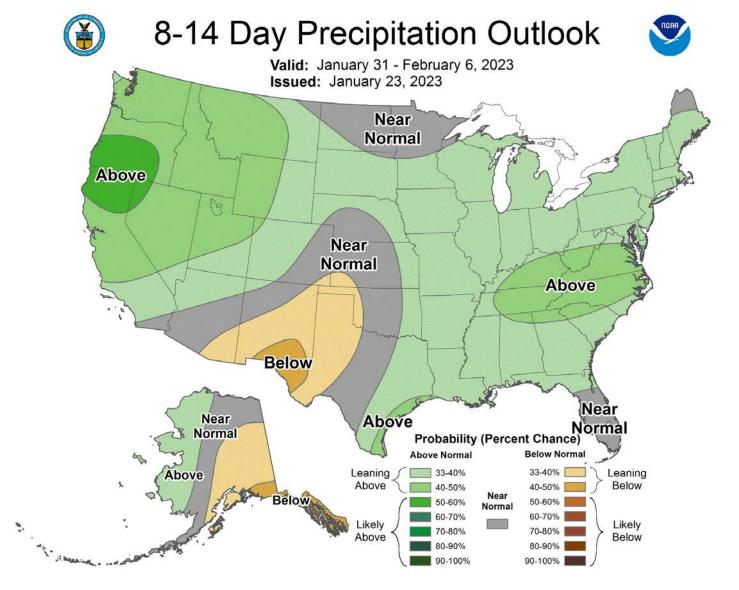
Climate Prediction Center 8 to 14 Day Outlooks - Temperature





Agency - National Weather Service Weather Forecast Office Presenter - Glen Merrill

Climate Prediction Center 8 to 14 Day Outlooks - Precipitation

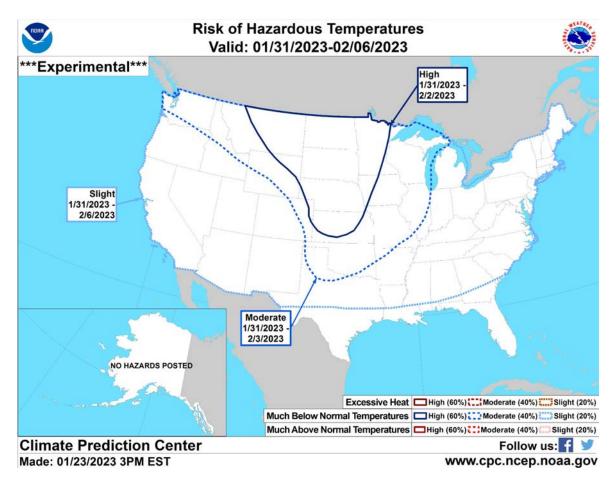


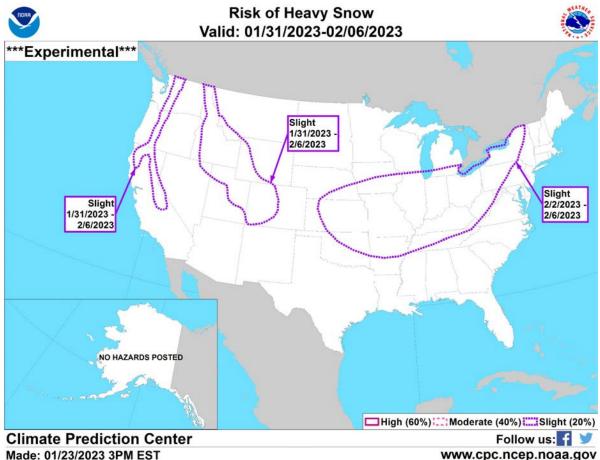


Agency - National Weather Service Weather Forecast Office Presenter - Glen Merrill

Climate Prediction Center U.S. Week-2 Hazards Outlook







Agency - National Weather Service Weather Forecast Office Presenter - Glen Merrill

Water Supply Forecasts / Runoff (Percent of Average)

Map of seasonal water supply forecasts Summary of conditions at:

Weber

Bear

Six Creeks

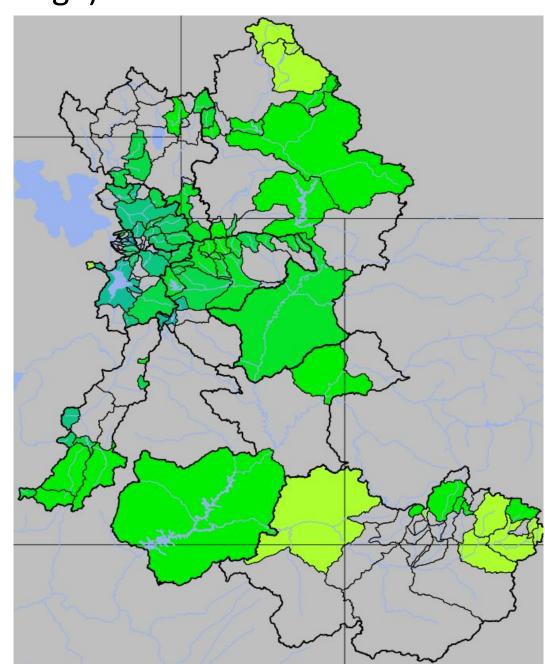
Utah Lake

Sevier

Green River

San Juan

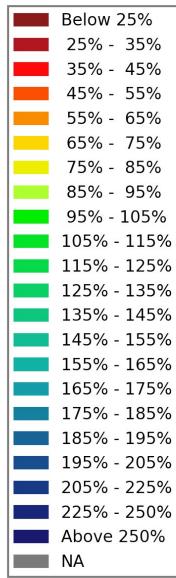
Lake Powell

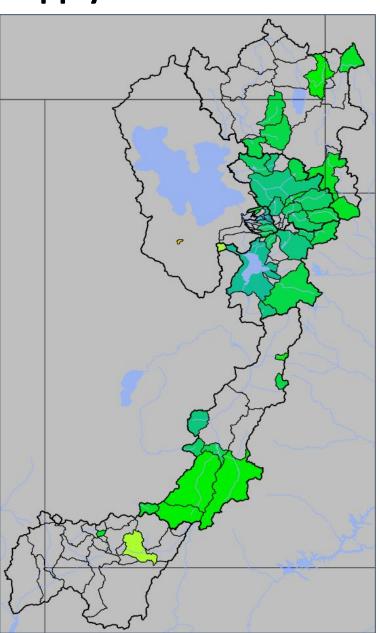


Agency - CBRFC
Presenter - Pat Kormos

Utah Water Supply Forecasts - Overview

Percent of Average



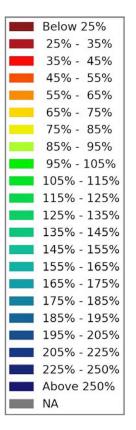


- January 1 forecast for April-July volume
- April-July forecast streamflow volumes are in percent of <u>1991-2020 average</u>.

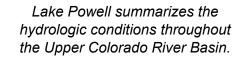
Median forecasts by forecast group.

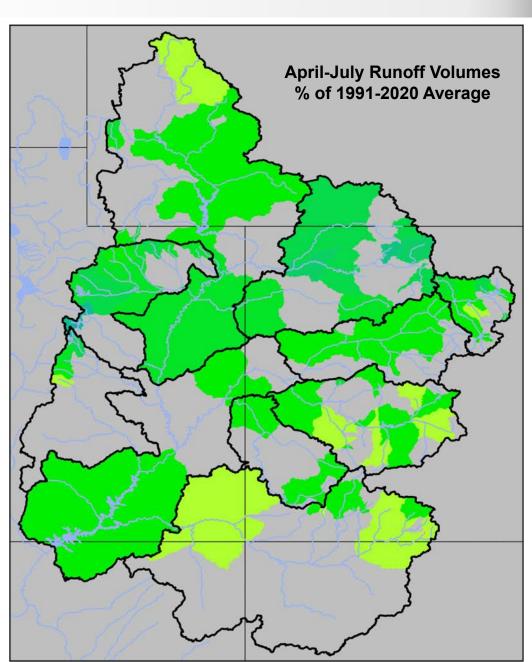
Weber	130%
Bear	110%
Six Creeks	135%
Provo / Utah Lake	125%
Sevier	110%
Duchesne	110%
Virgin	100%

Jan 1st Water Supply Forecasts: Upper Colorado



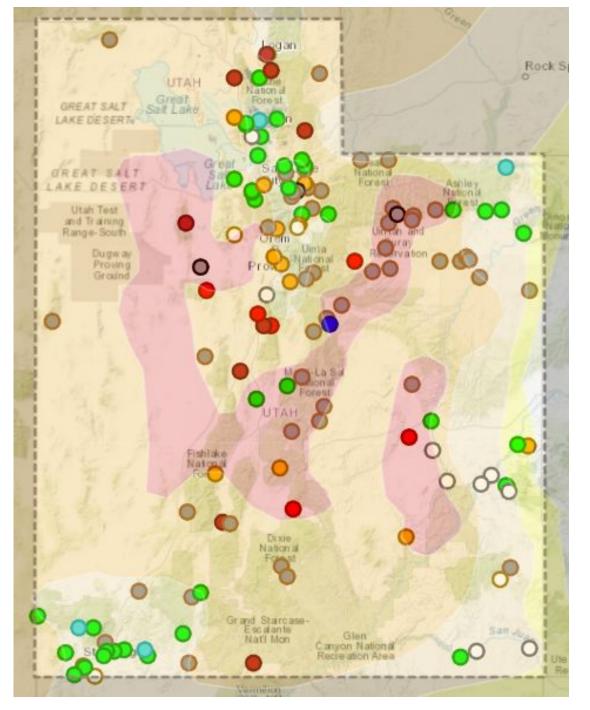
Upper Green	100%
Lower Green	140%
San Juan	90%
Lake Powell	117% (mid month)





Streamflow

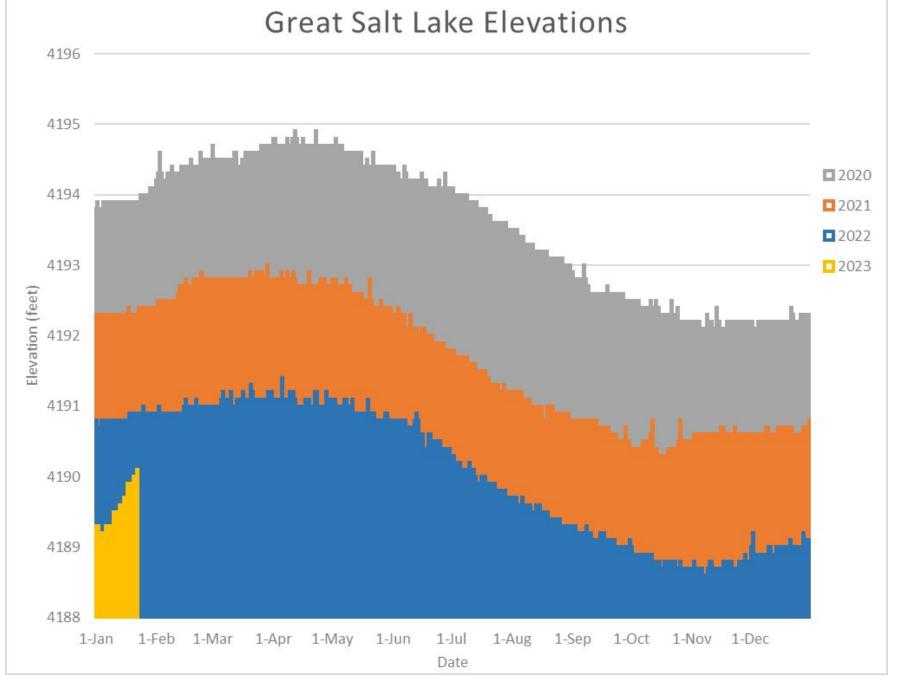
Some gages are affected by ice







South Arm





U.S. Drought Monitor Utah

January 17, 2023

(Released Thursday, Jan. 19, 2023) Valid 7 a.m. EST

Intensity:

None

D0 Abnormally Dry

D1 Moderate Drought

D2 Severe Drought

D3 Extreme Drought

D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx

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droughtmonitor.unl.edu