

05/15/24

Natural Resources, Agriculture, and Environment Interim Committee

Water Supply and Forecast

Candice Hasenyager | Director
Division of Water Resources



Utah Division of Water Resources

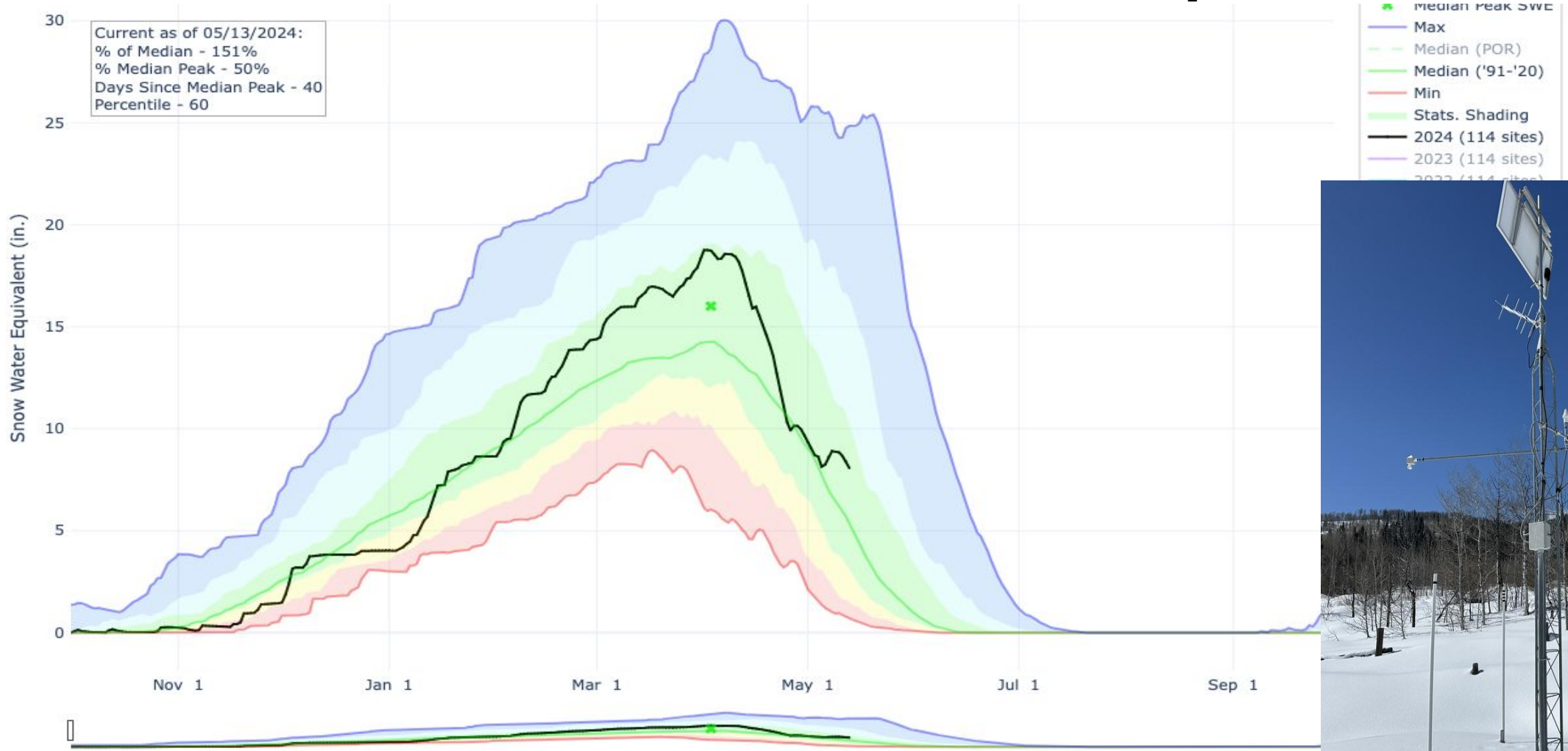
water.utah.gov



Photo Credit: Matt Jensen, Utah Water Research Laboratory



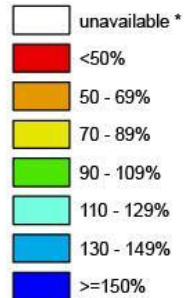
Snow Water Equivalent



Utah SNOTEL Current Snow Water Equivalent (SWE) % of Normal

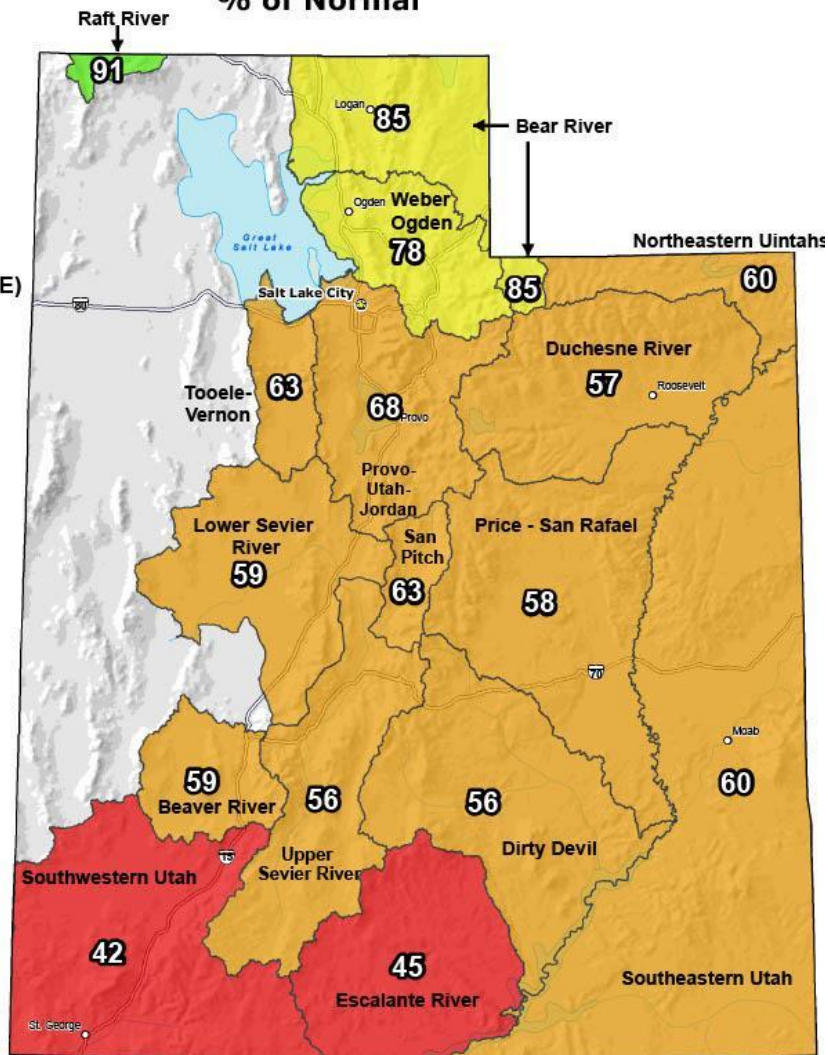
Jan 05, 2024

Snow Water Equivalent (SWE)
Basin-wide
Percent of
1991-2020
Median



* Data unavailable at time of posting or measurement is not representative at this time of year

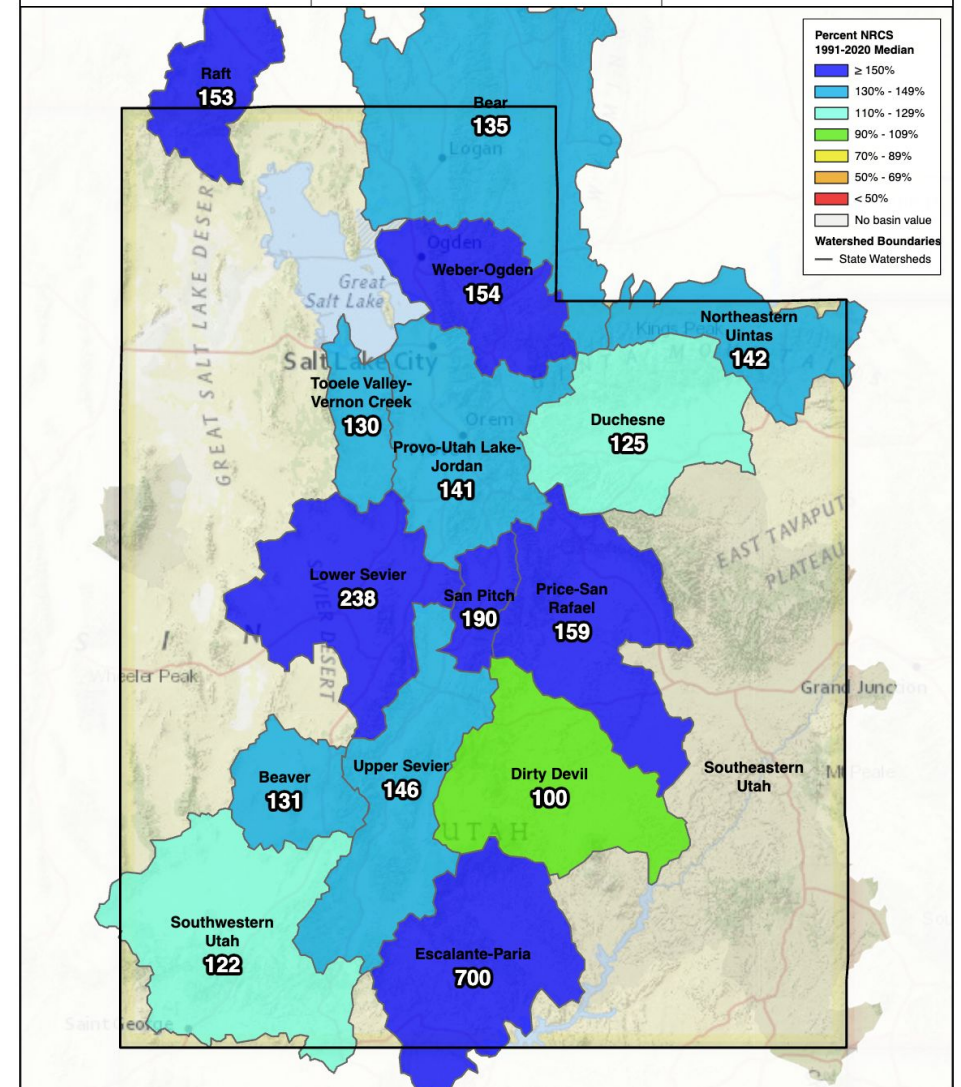
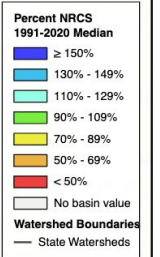
Provisional Data
Subject to Revision



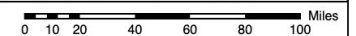
Snow Water Equivalent

Percent NRCS 1991-2020 Median

May 13, 2024, end of day



USDA Natural Resources Conservation Service
United States Department of Agriculture



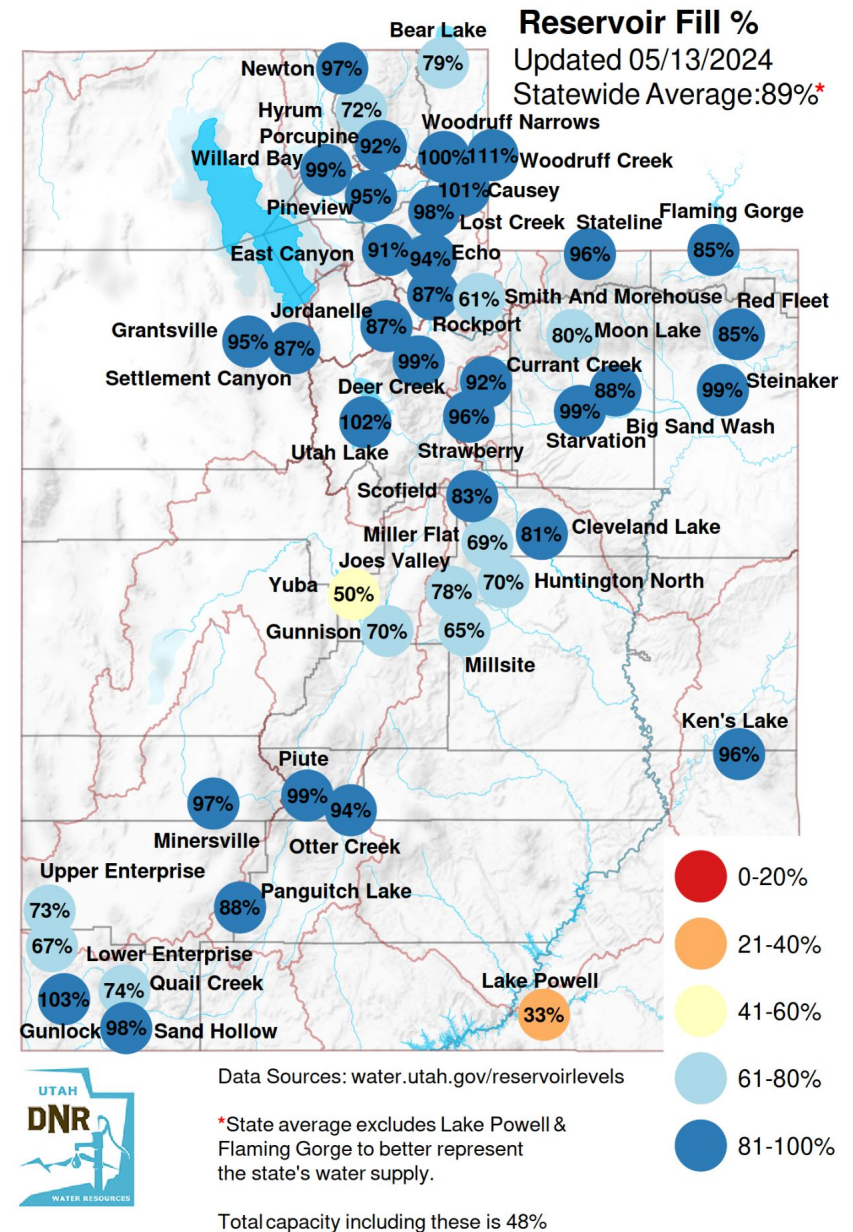
Created 5-14-2024



Reservoir levels

Statewide reservoirs are 22% higher than median for this time of year and 34% higher than last year

Yuba is 16% below median, coming up from work done on the dam last year



<https://water.utah.gov/reservoirlevels/>

Utah Division of Water Resources

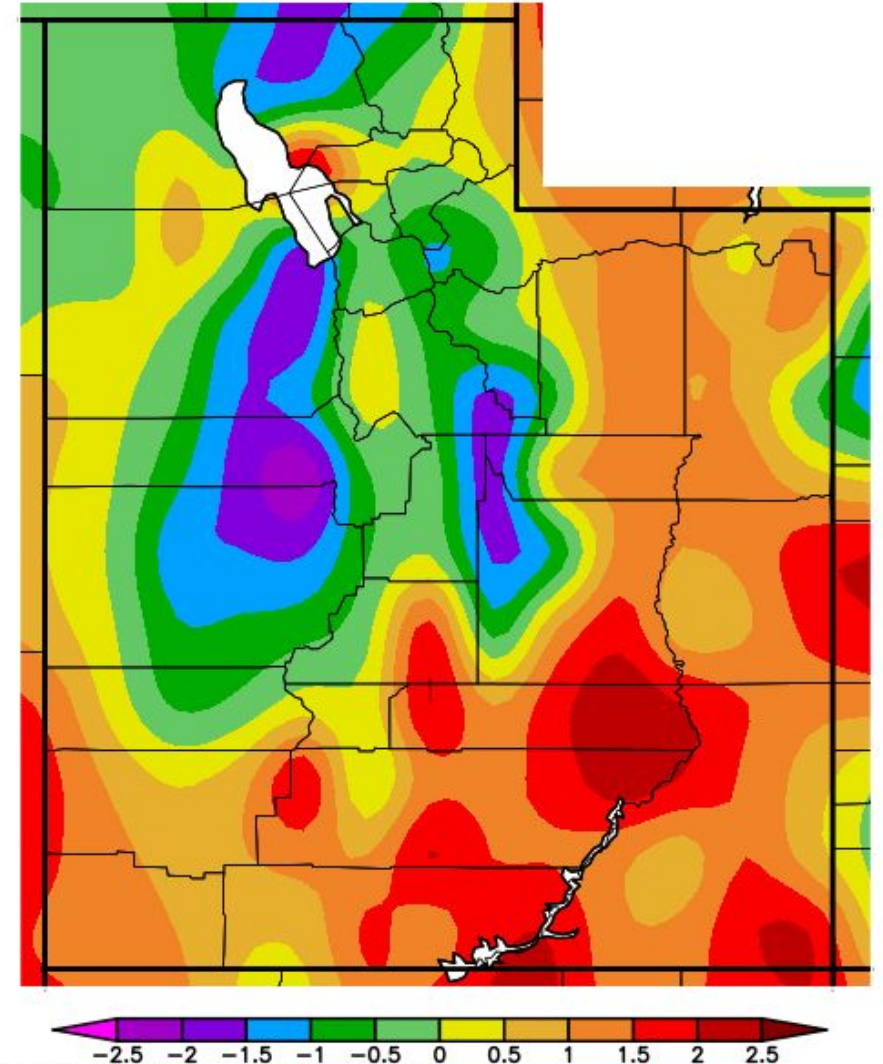
water.utah.gov



30 Day Temperature Difference

- Temperatures varied across the state over the last 30 days
- The southern and eastern portions of the state was warmer than average
- Central and northern Utah had areas up to 2.5 degrees cooler than average

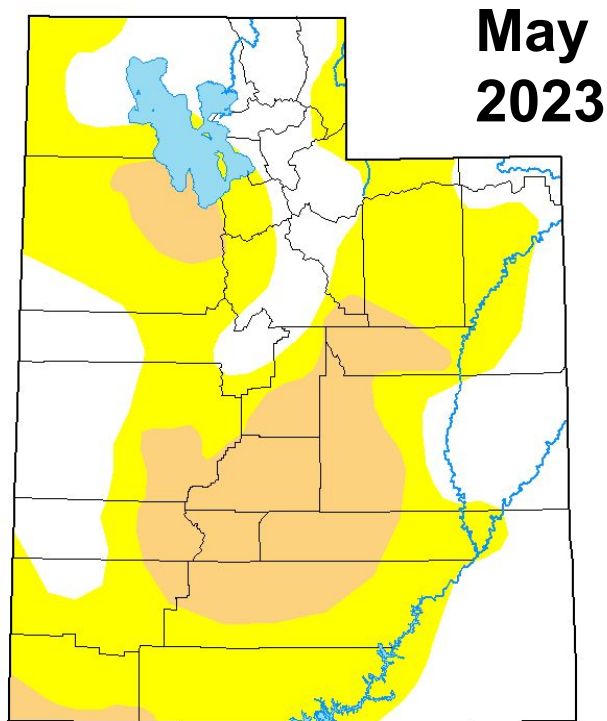
Ave. Temperature dep from Ave (deg F)
4/13/2024 – 5/12/2024



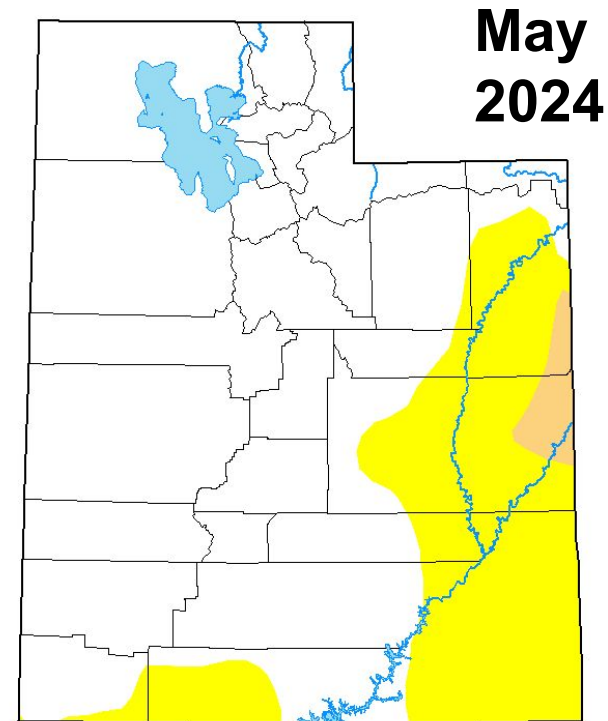
Generated 5/13/2024 at WRCC using provisional data.
NOAA Regional Climate Centers



U.S. Drought Monitor Map

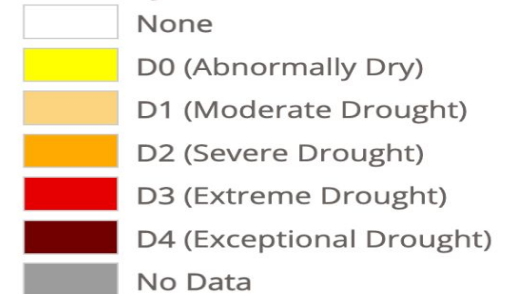


62% in “Abnormally Dry” and 19% in “Moderate” drought

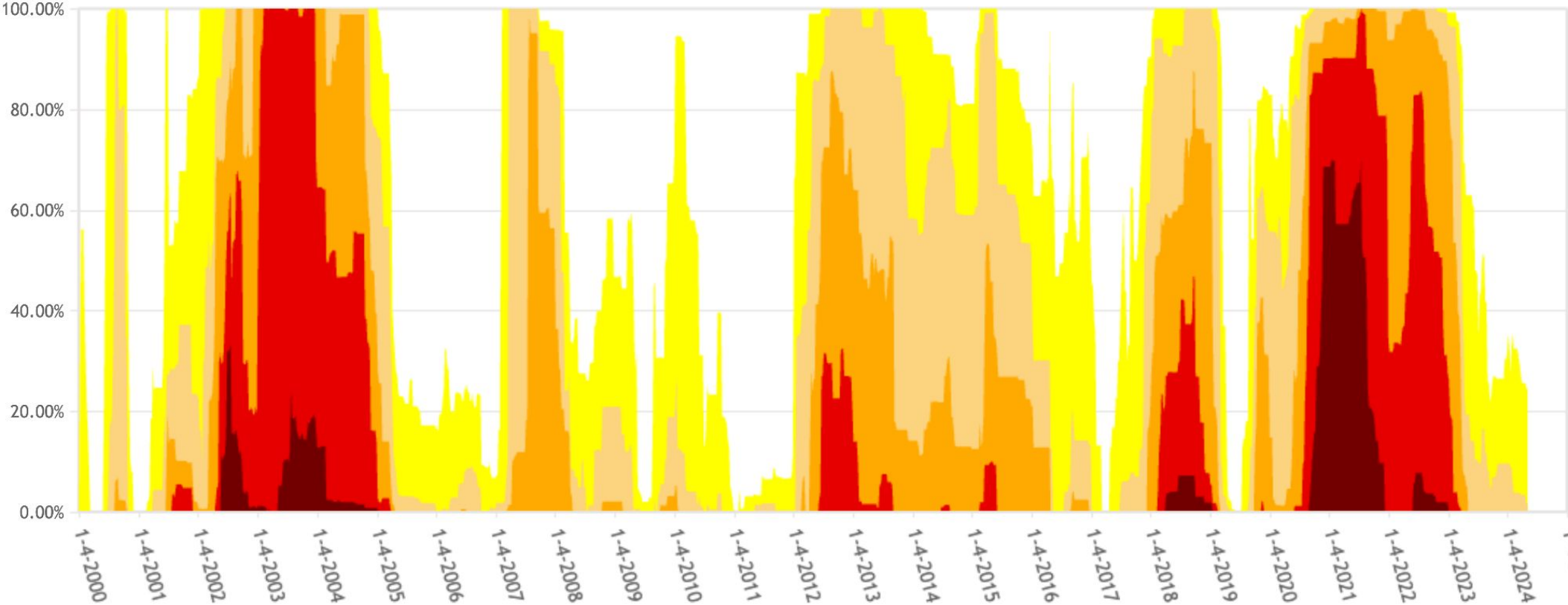


75% in “None” and 24% in “Abnormally Dry” and just under 2% of the state is in “Moderate Drought”

Intensity



Utah Percent Area in U.S. Drought Monitor Categories



- D0 (Abnormally Dry)
- D2 (Severe Drought)
- D4 (Exceptional Drought)
- D1 (Moderate Drought)
- D3 (Extreme Drought)

From the U.S. Drought Monitor website, <https://droughtmonitor.unl.edu/DmData/TimeSeries.aspx>, 5-9-2024



8-14 Day Outlook



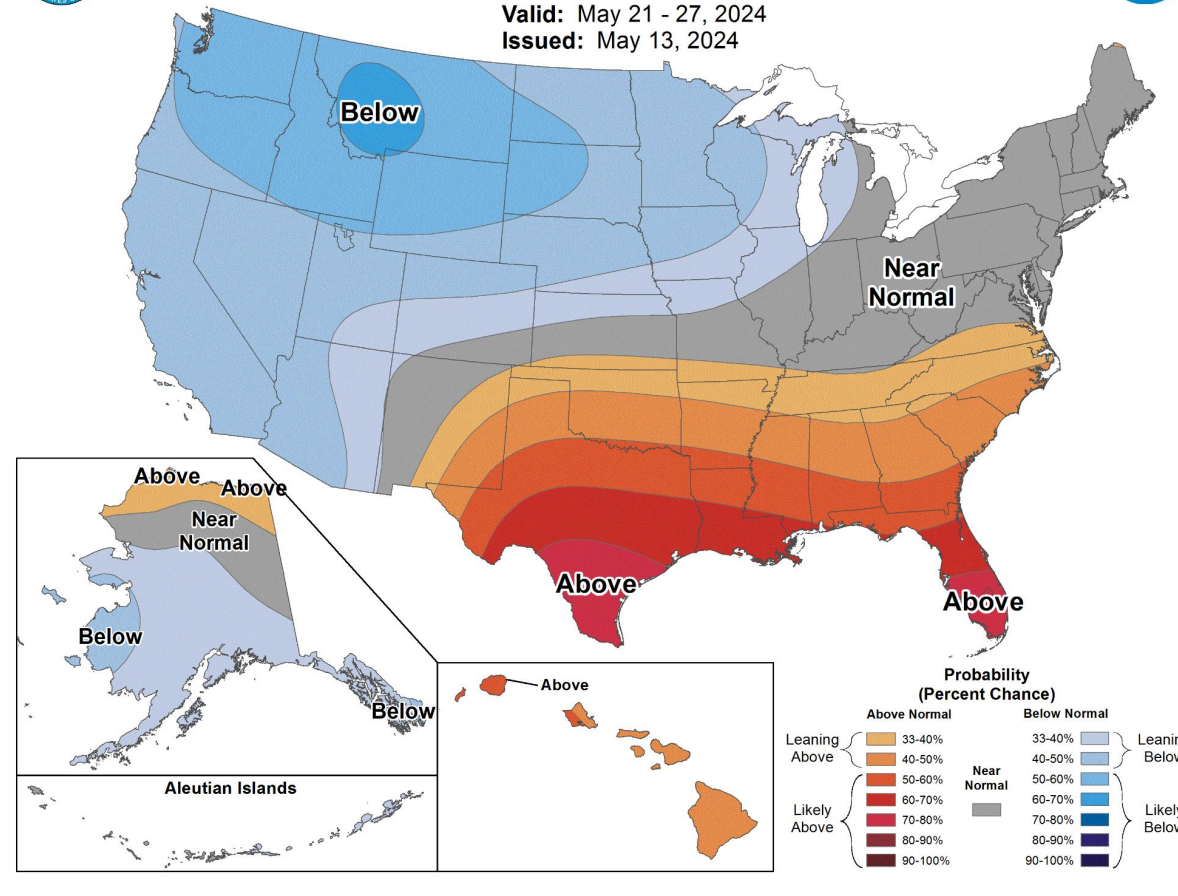
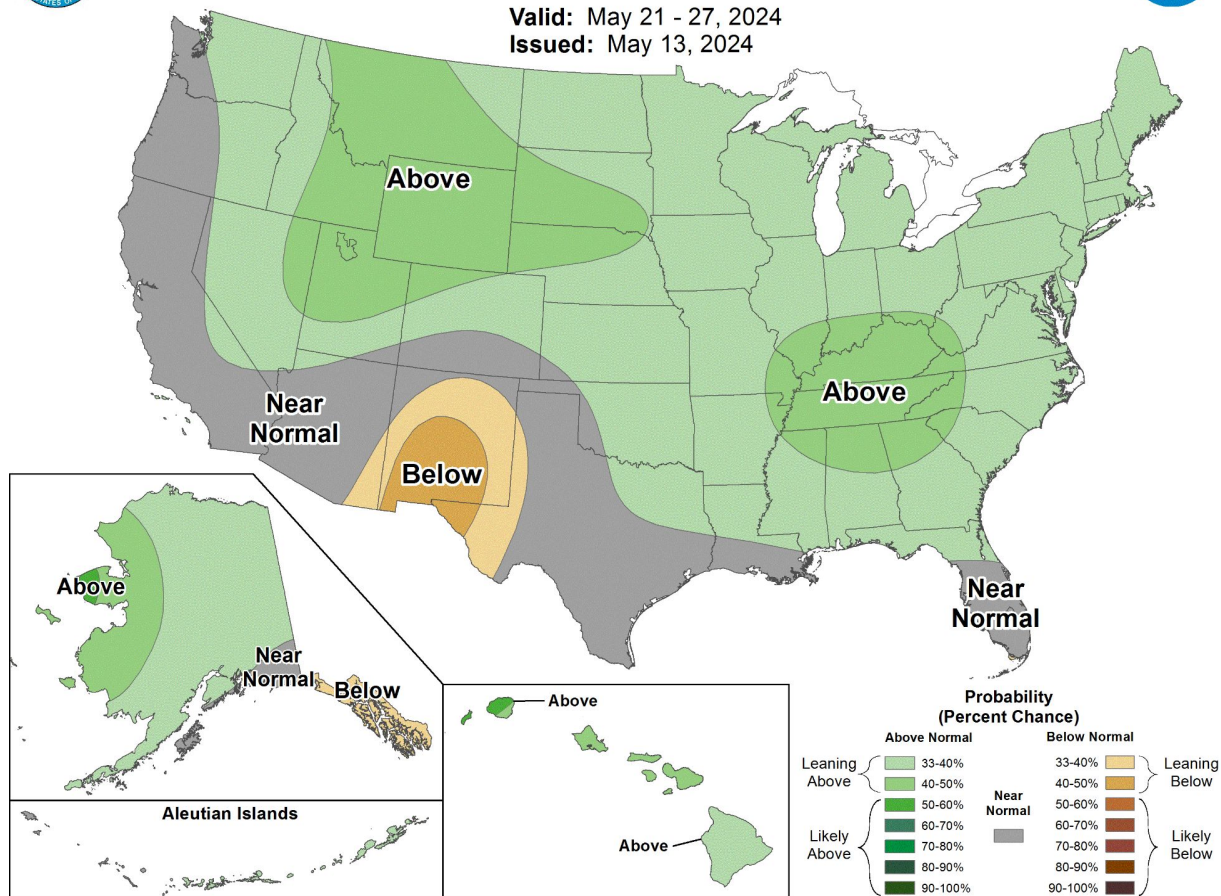
8-14 Day Precipitation Outlook

Valid: May 21 - 27, 2024
Issued: May 13, 2024



8-14 Day Temperature Outlook

Valid: May 21 - 27, 2024
Issued: May 13, 2024



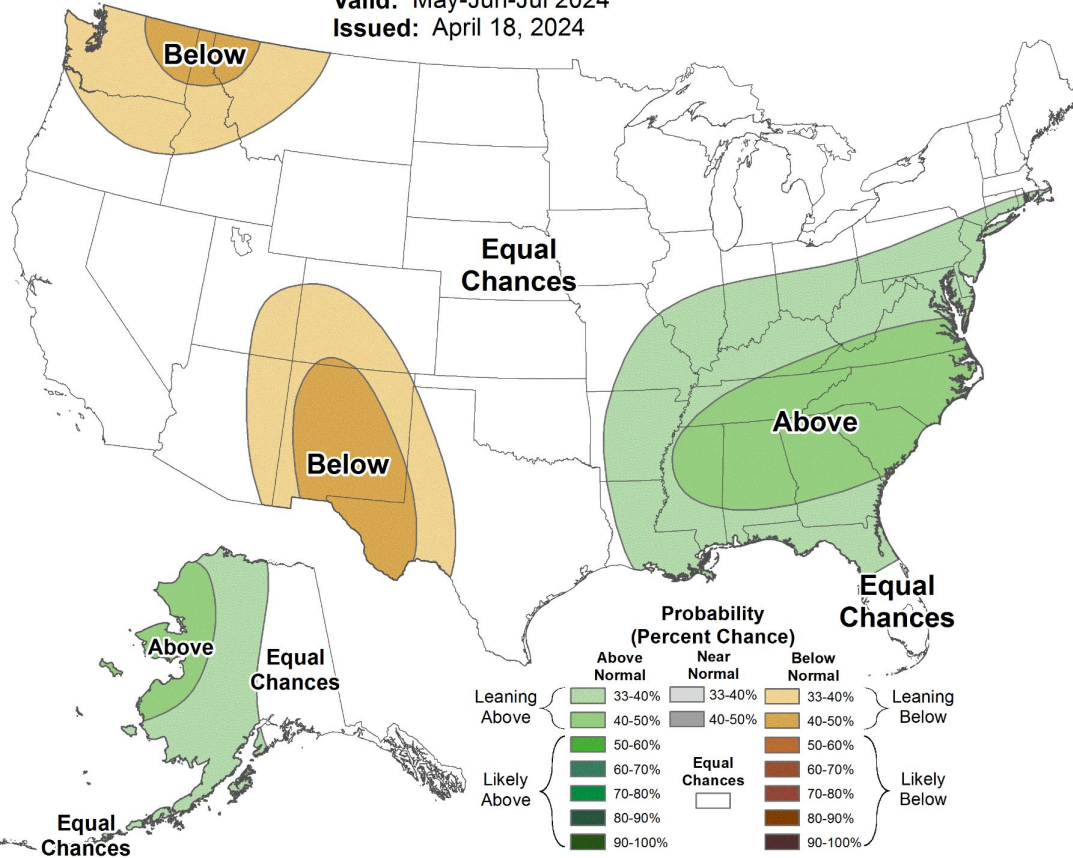
3 Month Outlook



Seasonal Precipitation Outlook



Valid: May-Jun-Jul 2024
 Issued: April 18, 2024



Seasonal Temperature Outlook



Valid: May-Jun-Jul 2024
 Issued: April 18, 2024

