



Utah Water Conditions (drought webinar)

The meeting will begin shortly



Thank you to our contributors

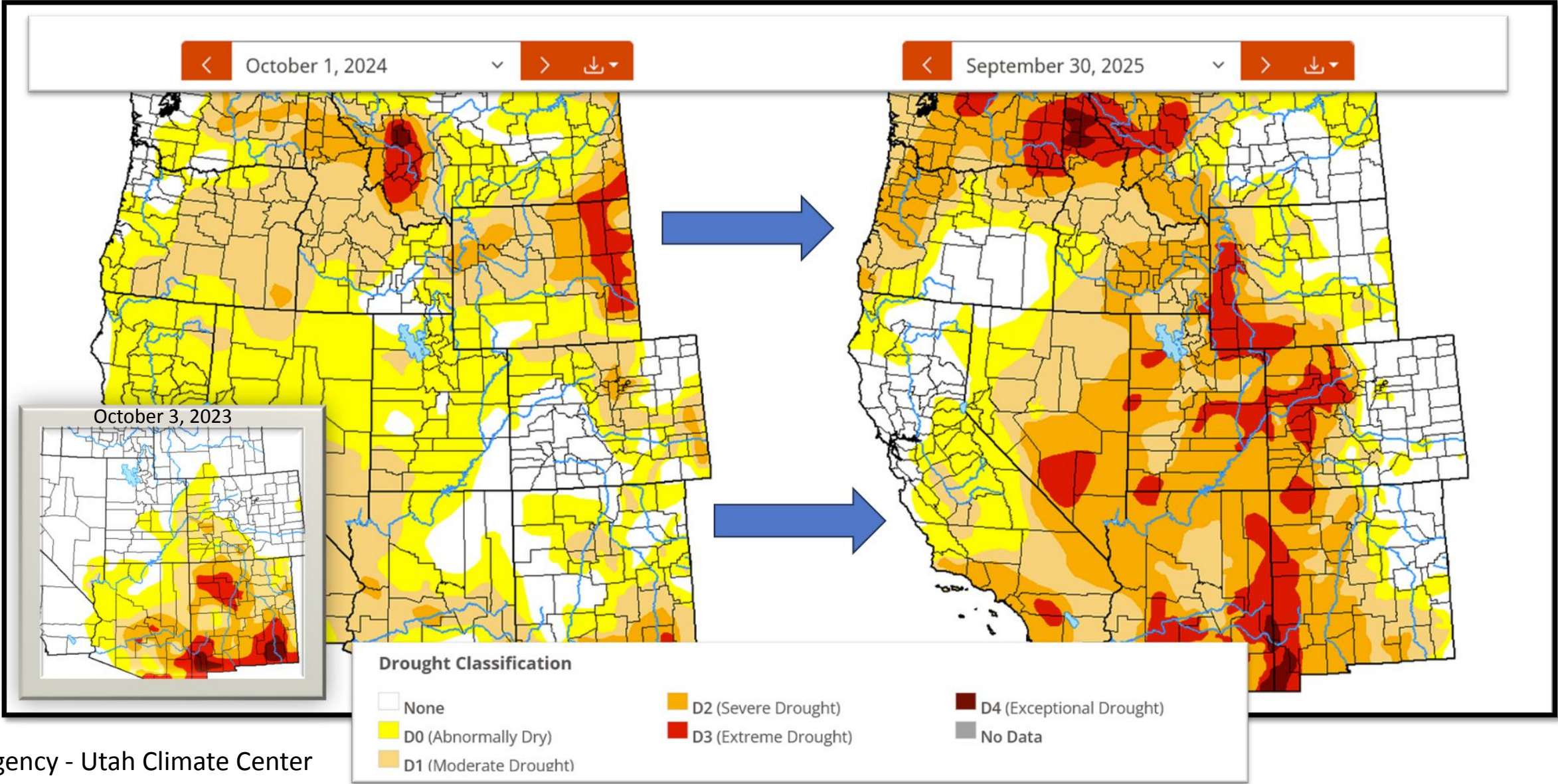




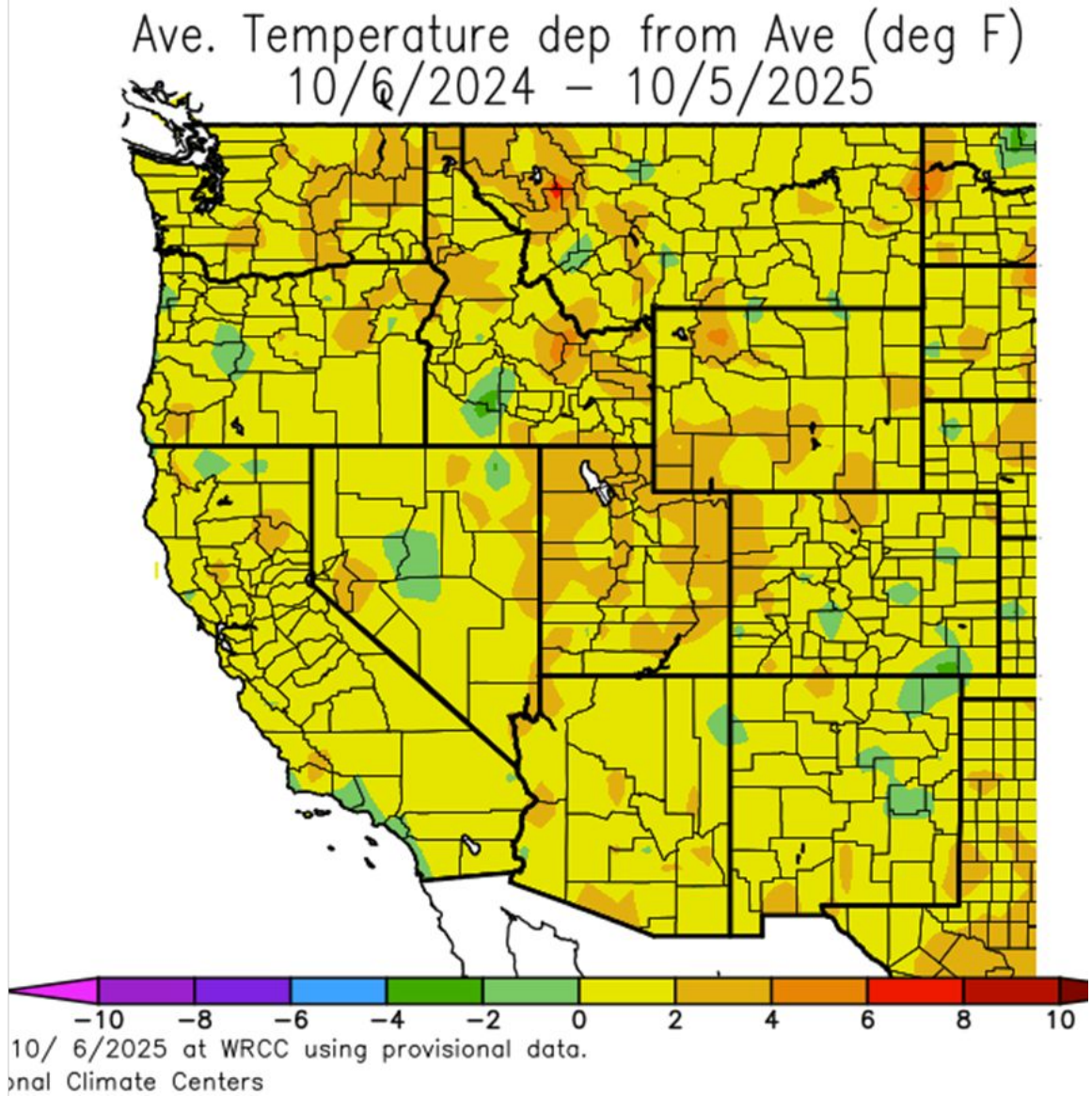
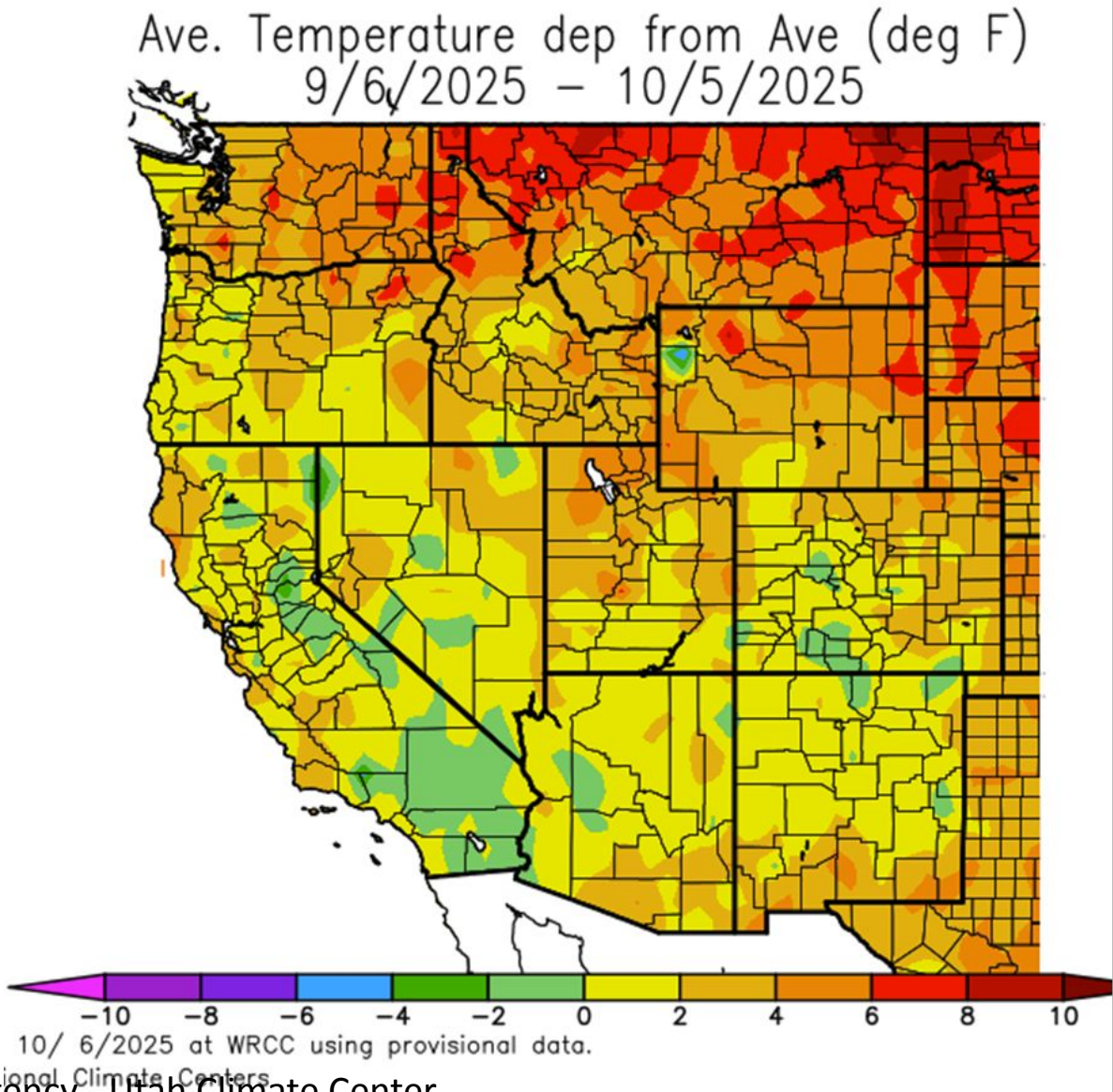
Utah Water Conditions Update

October 7, 2025

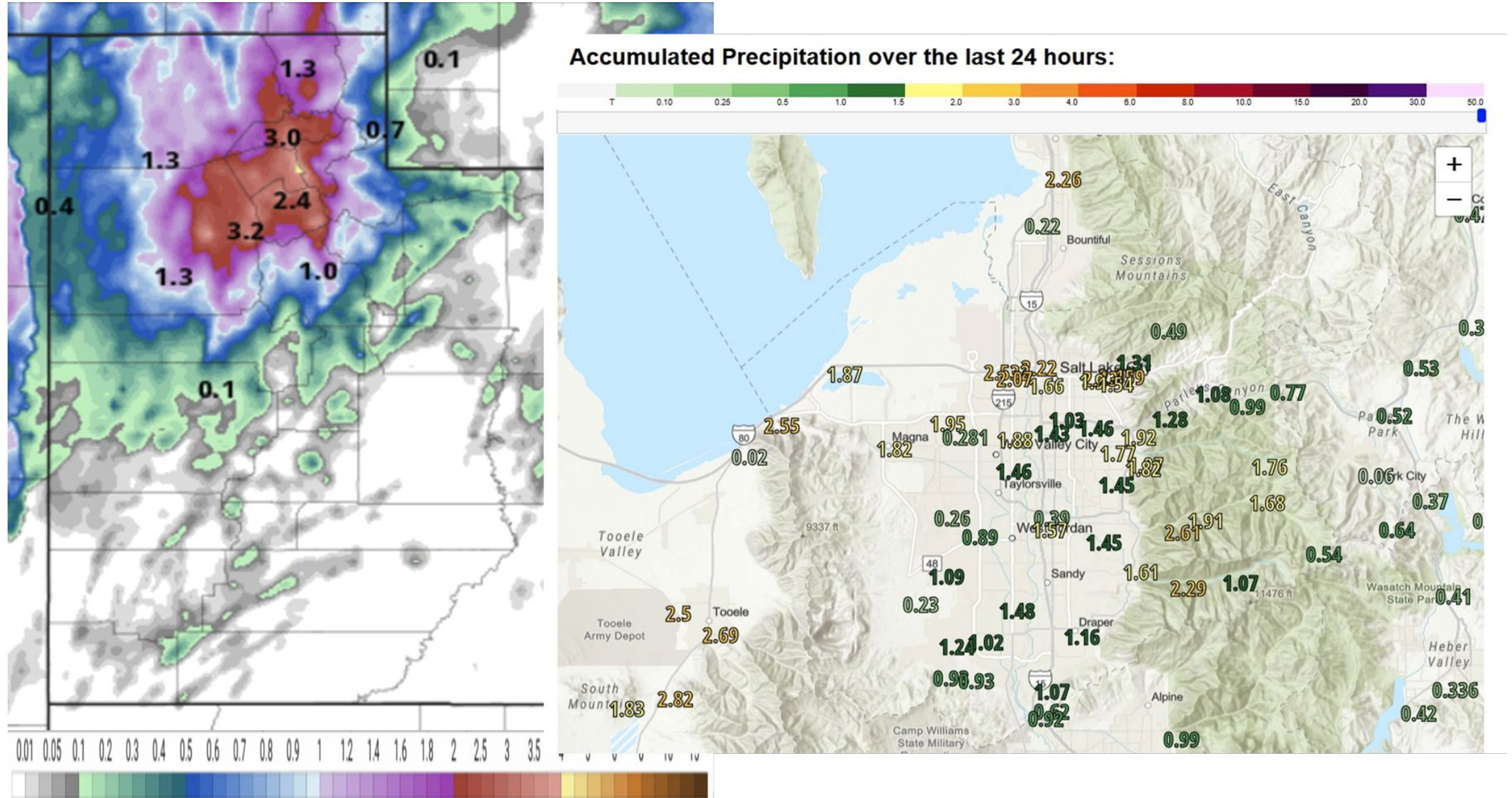
Drought Classification: A Year of Degradation



Temperature Summary



Recent Rains!

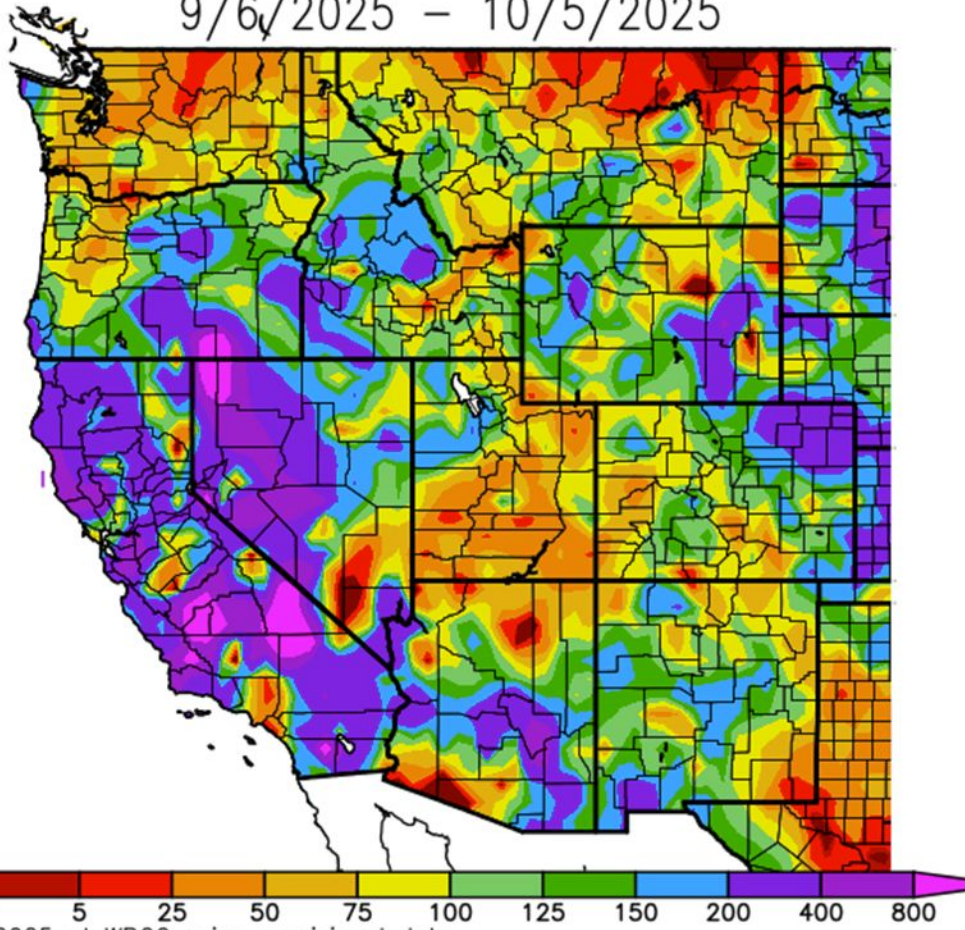


Agency - Utah Climate Center

Presenter - Jon Meyer

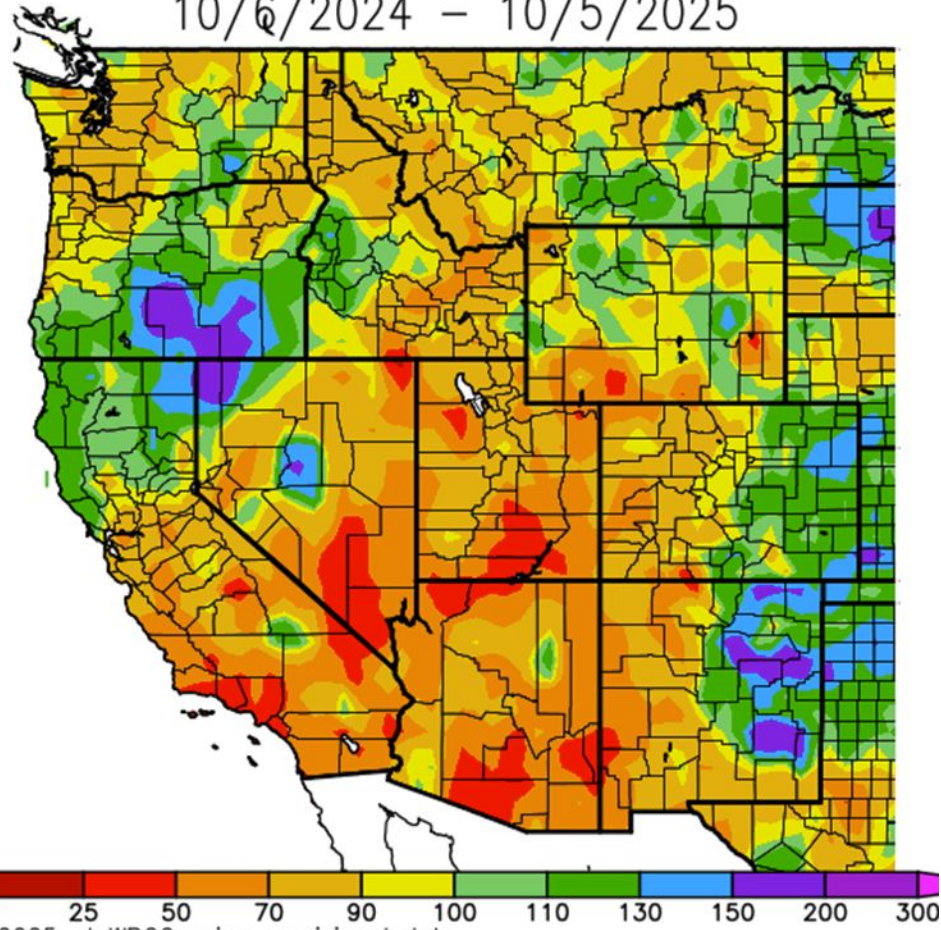
Precipitation Summary

Percent of Average Precipitation (%)
9/6/2025 – 10/5/2025



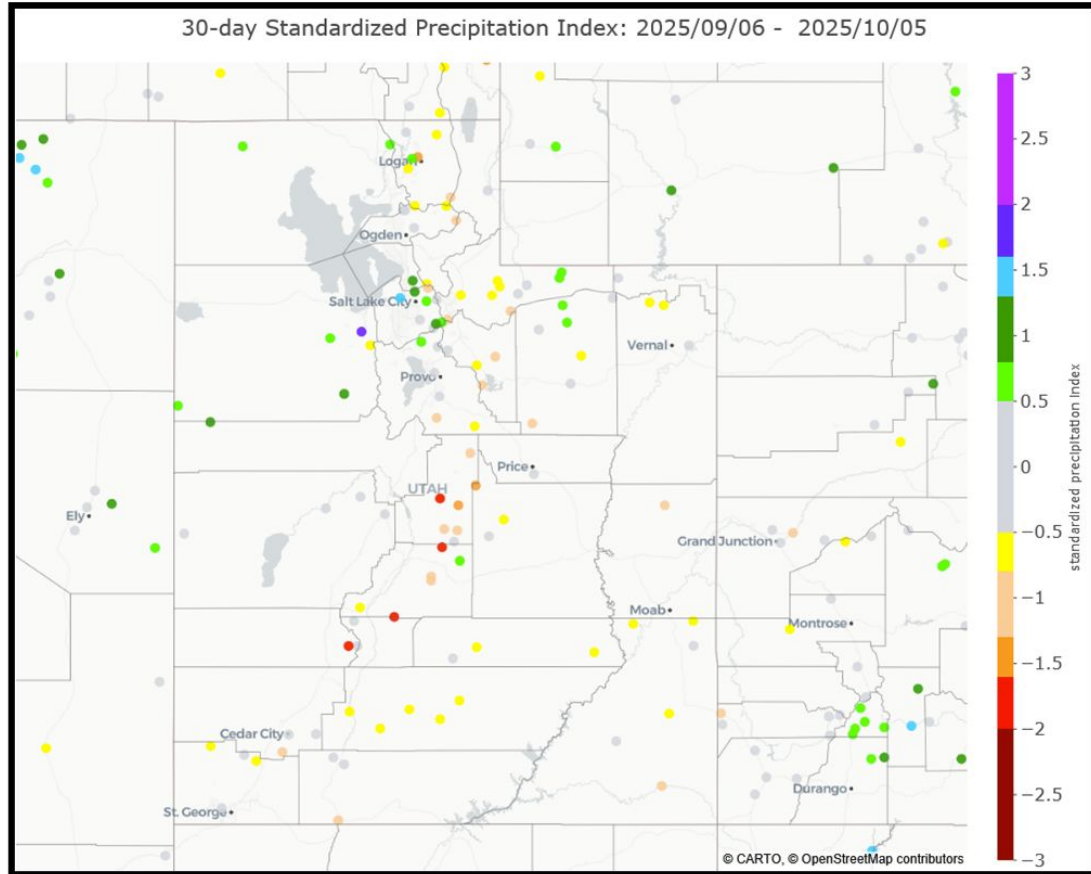
Generated 10/ 6/2025 at WRCC using provisional data.
NOAA Regional Climate Centers

Percent of Average Precipitation (%)
10/6/2024 – 10/5/2025

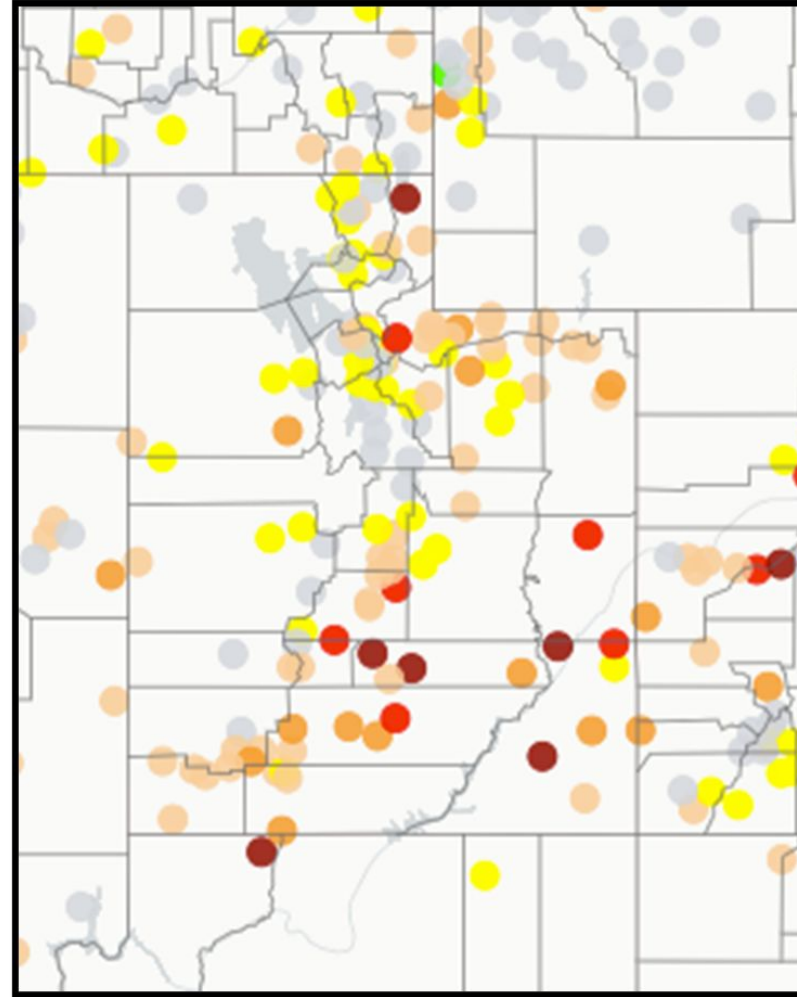


Generated 10/ 6/2025 at WRCC using provisional data.
NOAA Regional Climate Centers

Standardized Precipitation Index (SPI)



Water Year SPI



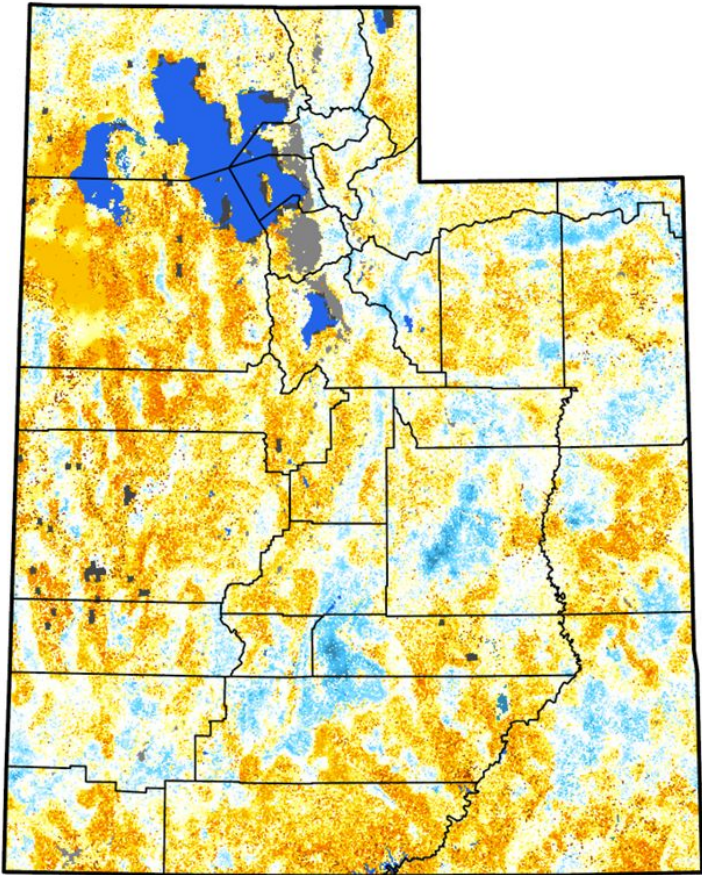
Agency - Utah Climate Center

Presenter - Jon Meyer

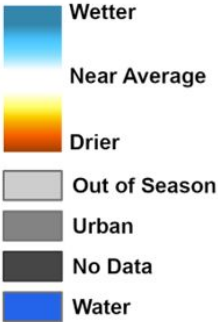
Short-Term Drought Pressure

Quick Drought Response Index Utah

September 28, 2025
(Week 39)

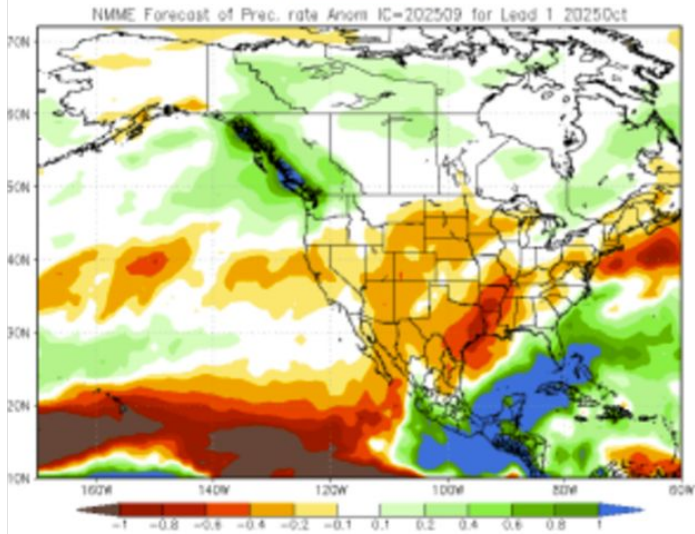


Conditions Relative to
4-Week Historical Average

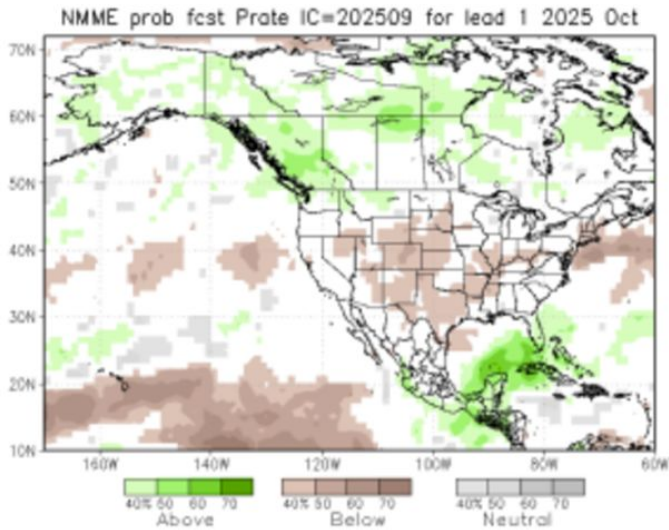


Seasonal Outlook Ensembles

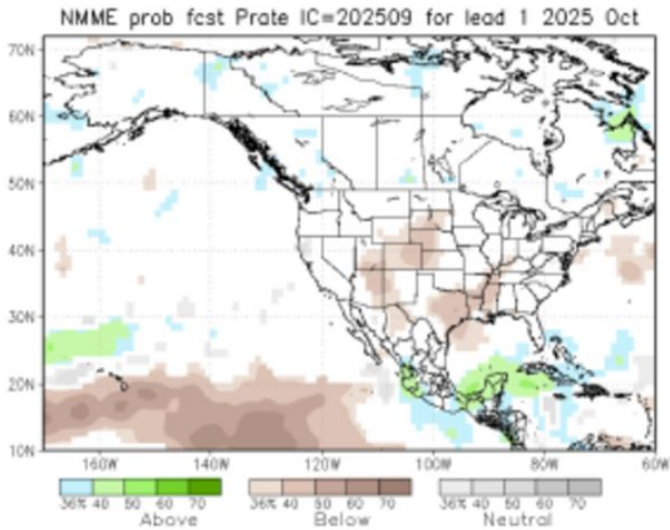
NMME



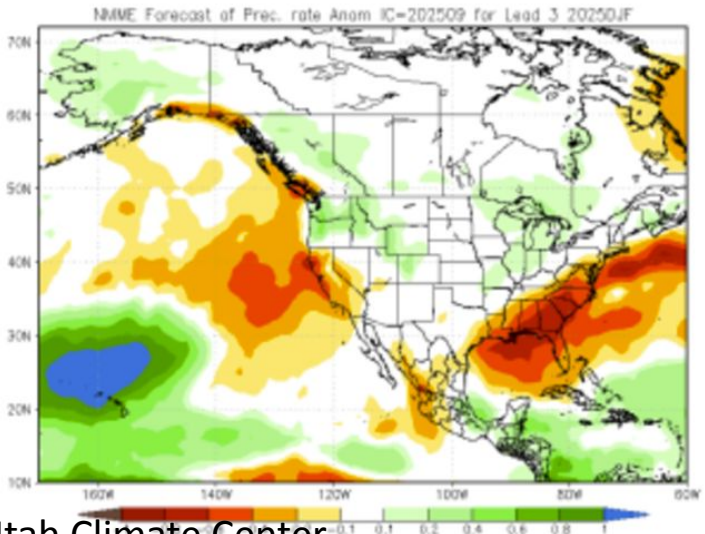
Prob fcst



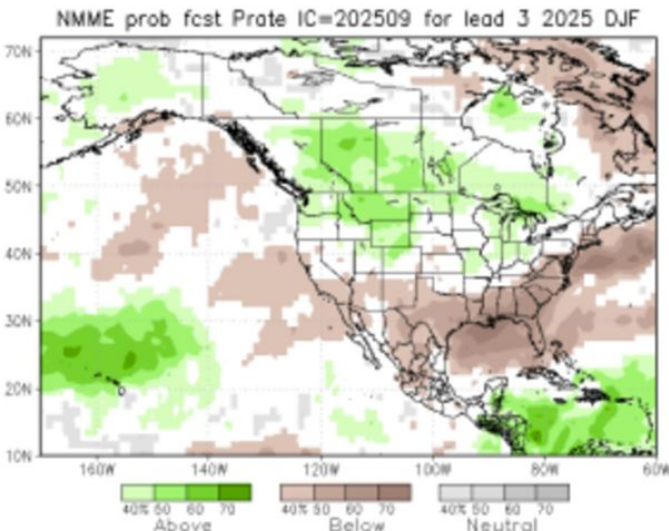
PAC calib. prob fcst



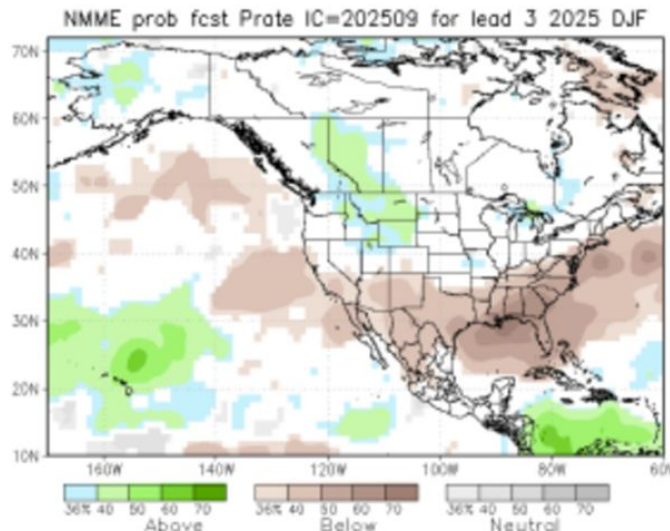
NMME



Prob fcst

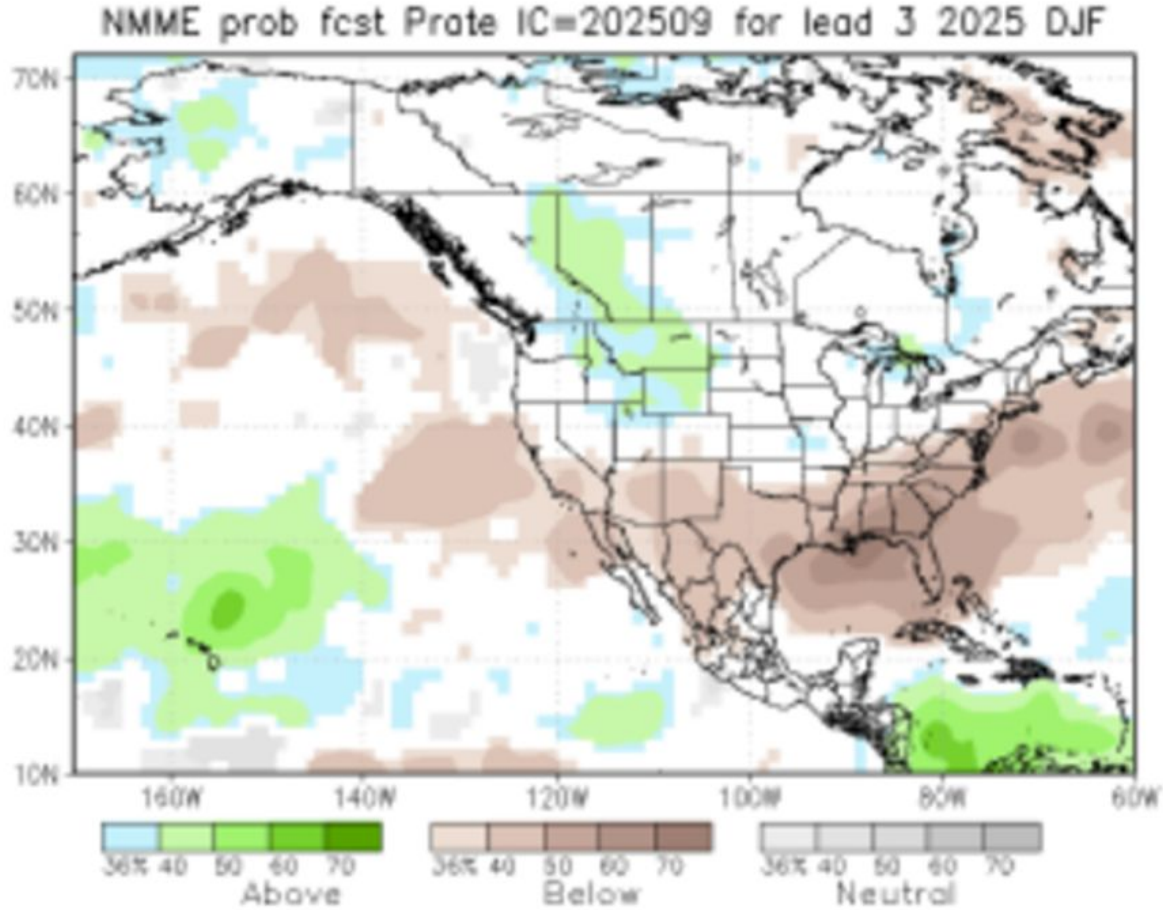


PAC calib. prob fcst

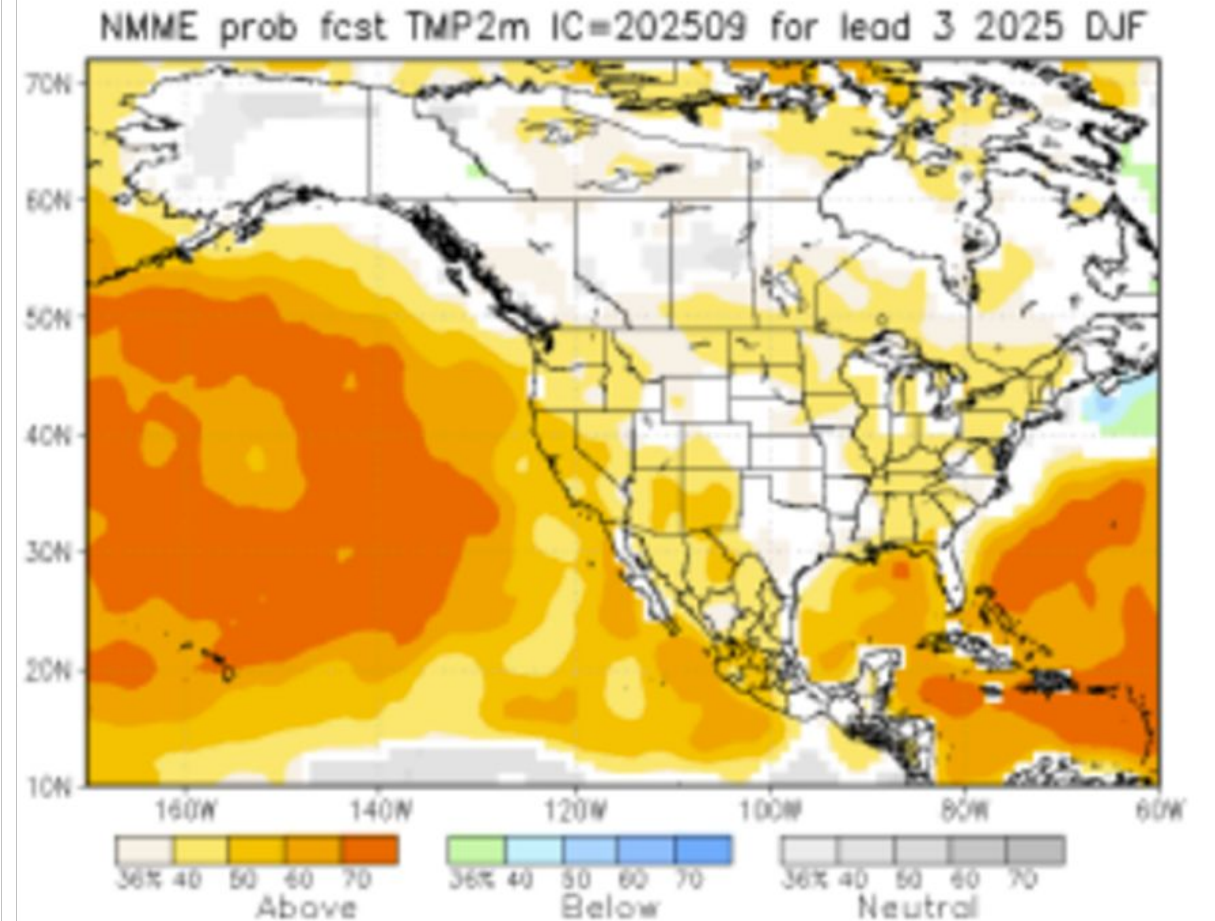


Dec-Feb Ensemble Outlook

PAC calib. prob fcst



PAC calib. prob fcst

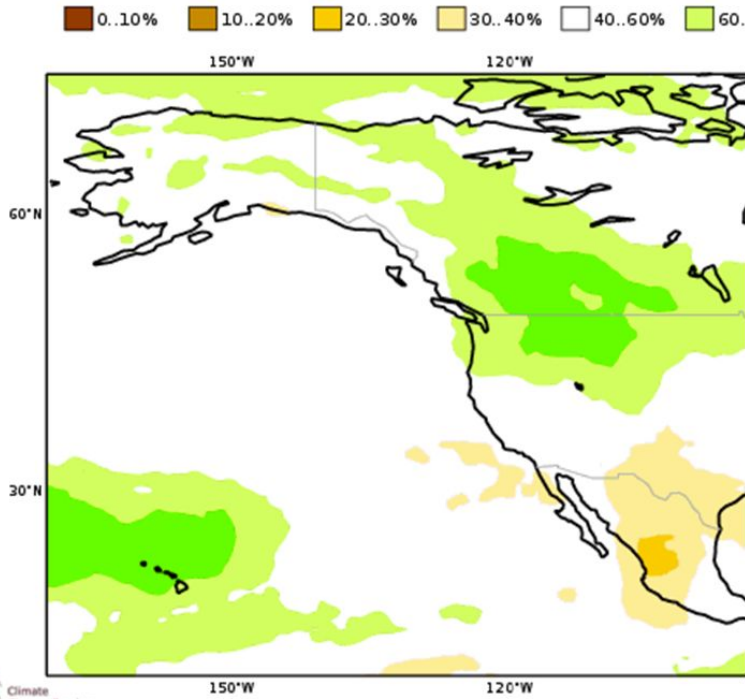


Agency - Utah Climate Center

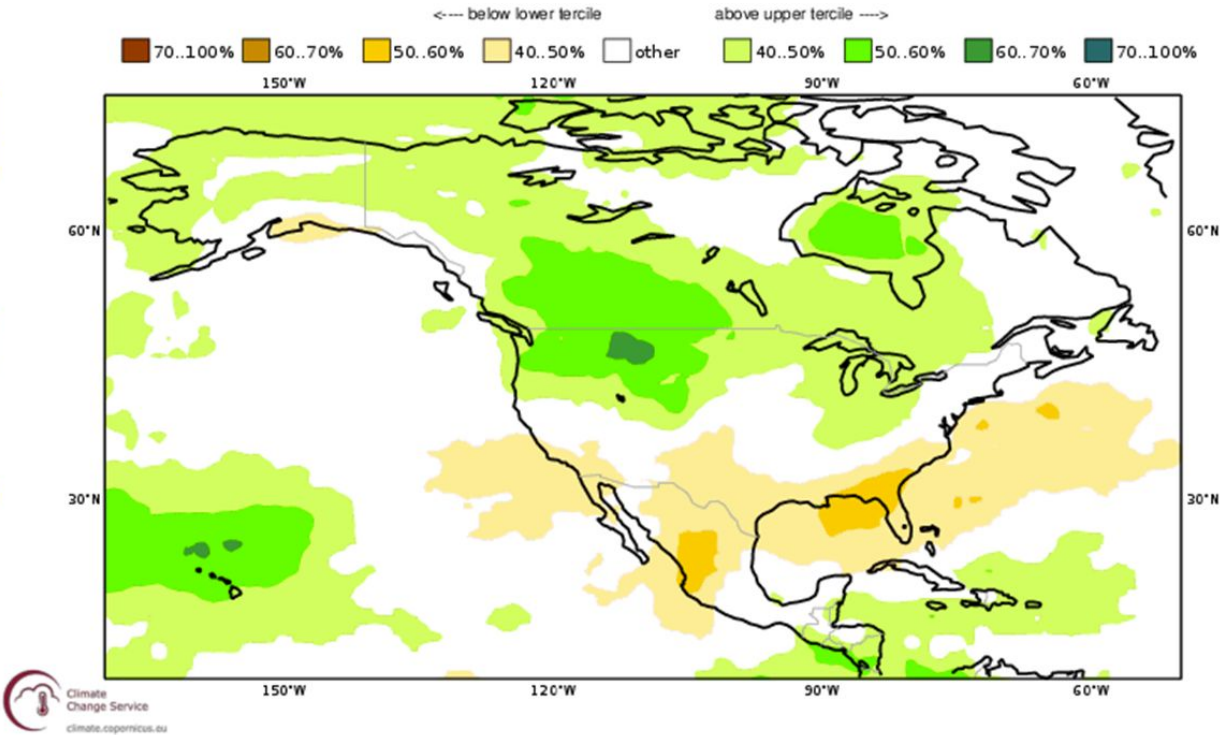
Presenter - Jon Meyer

More Dec-Feb Ensemble Outlook

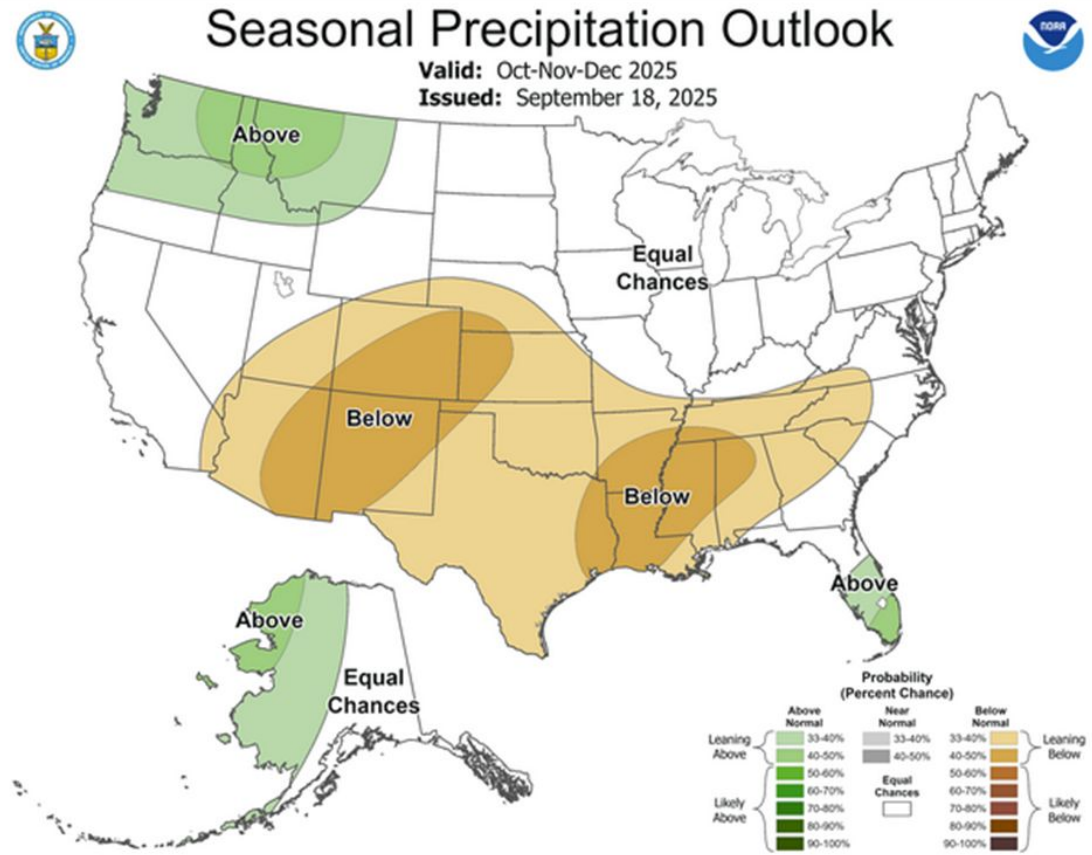
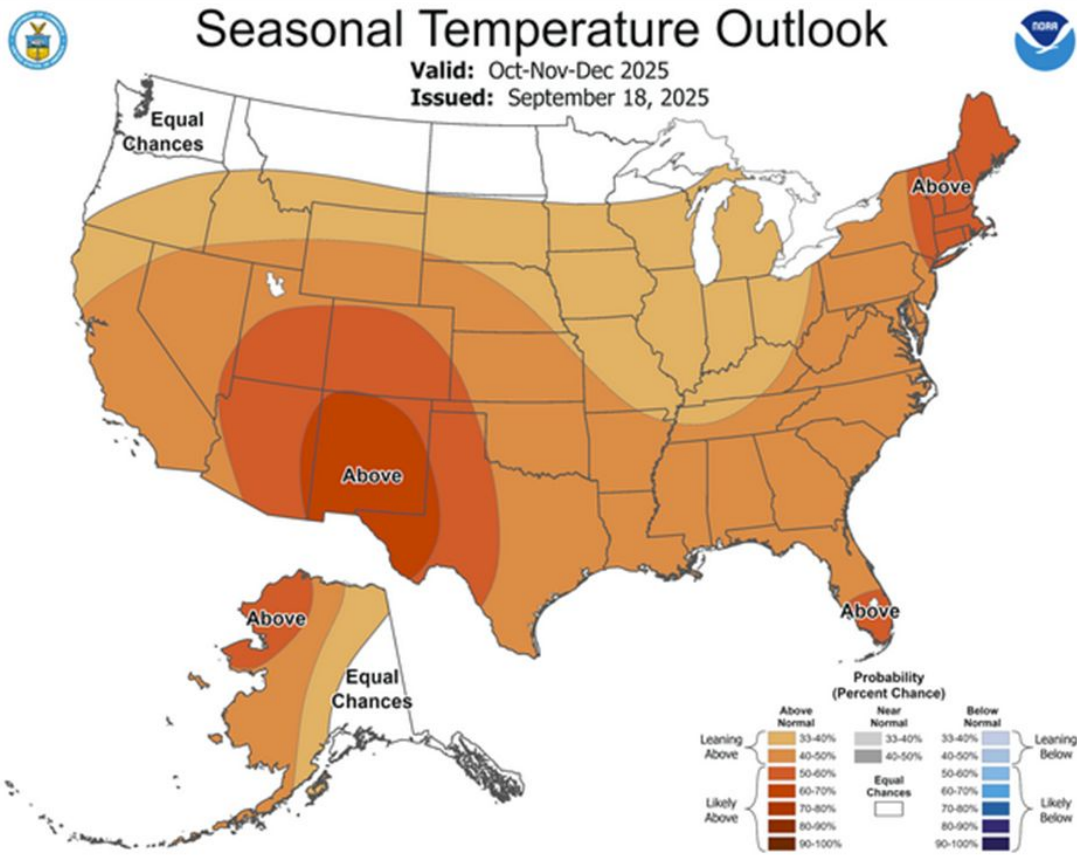
C3S multi-system seasonal forecast ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC/BOM
Prob(precipitation > median)
Nominal forecast start: 01/09/25
Unweighted mean



C3S multi-system seasonal forecast ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC/BOM
Prob(most likely category of precipitation)
Nominal forecast start: 01/09/25
Unweighted mean



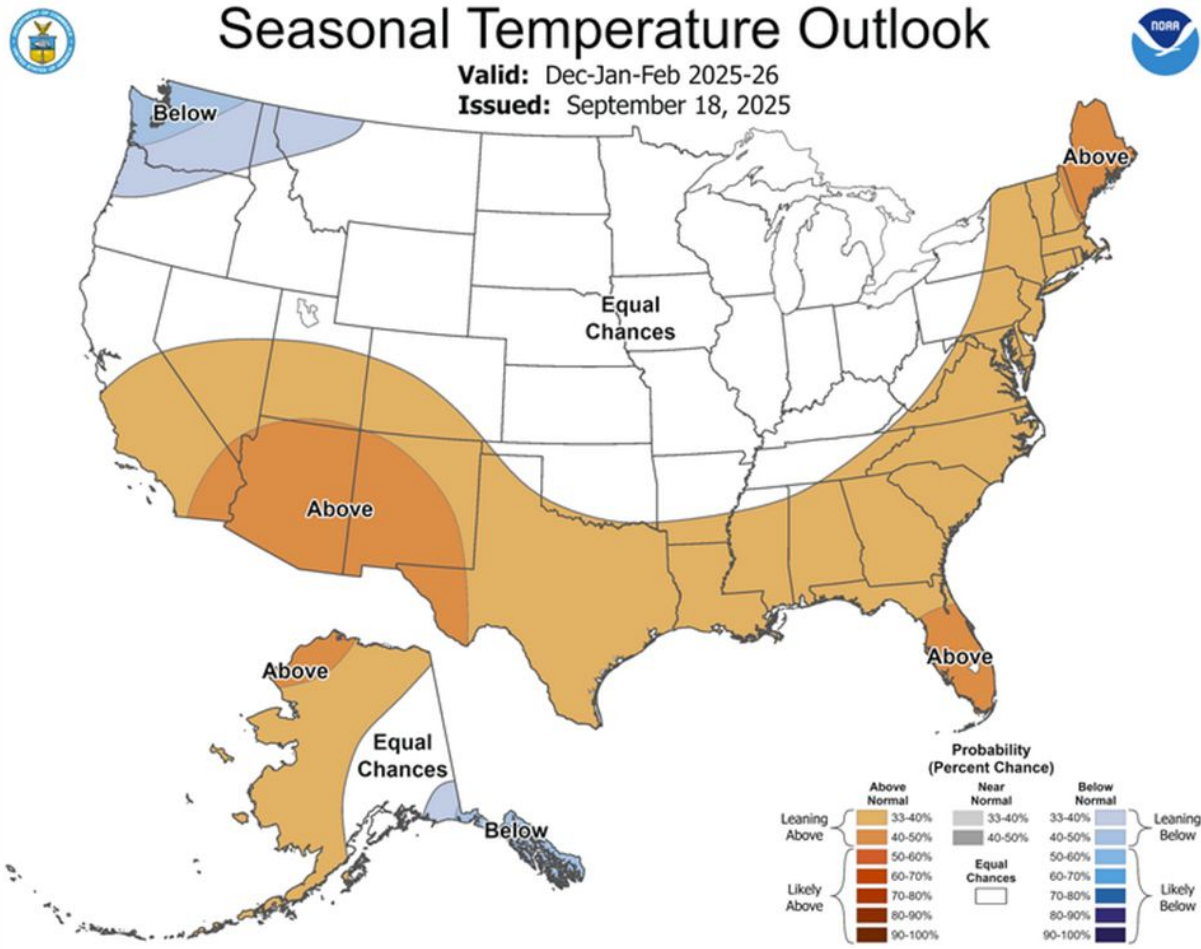
Fall-Winter Transition Outlook



Dec-Feb Outlook

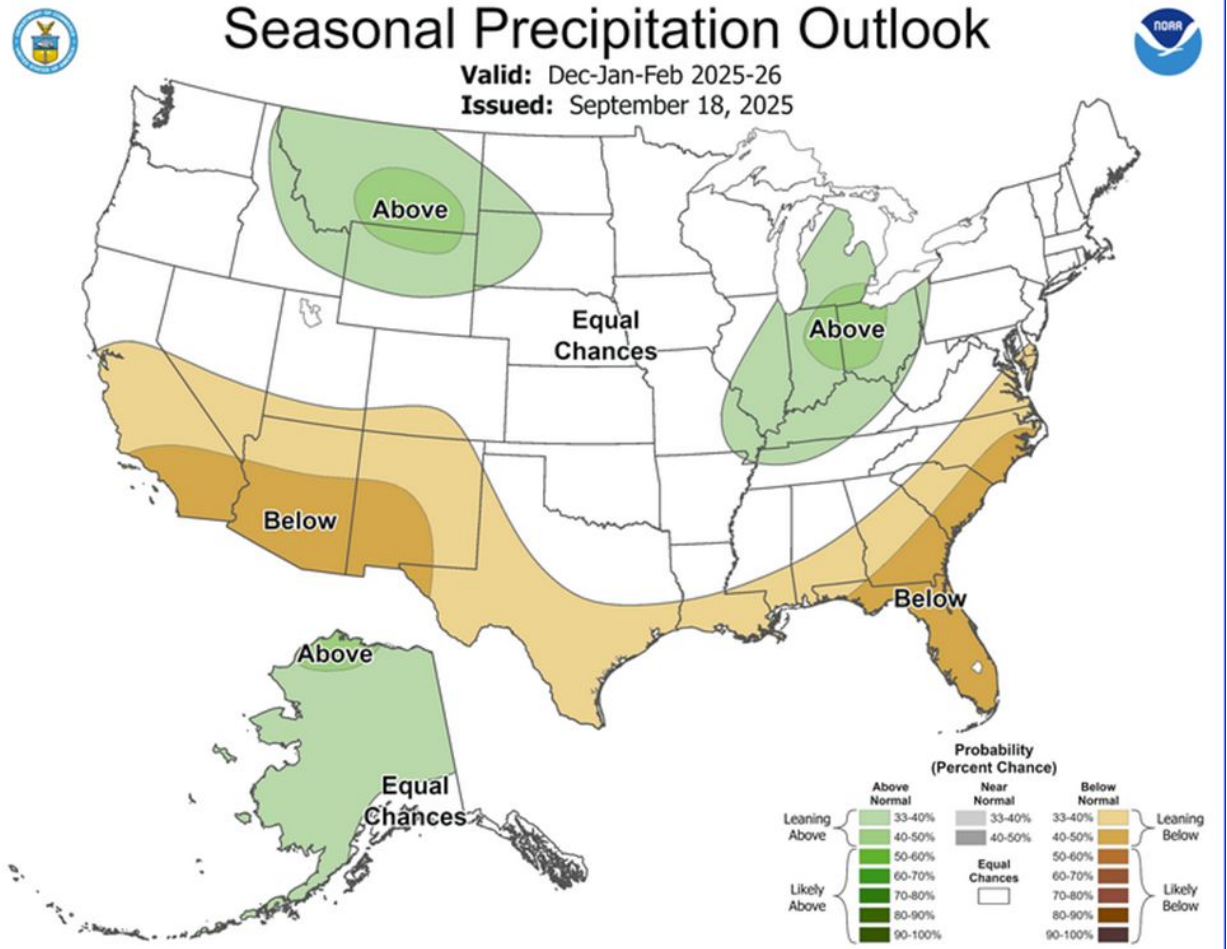
Seasonal Temperature Outlook

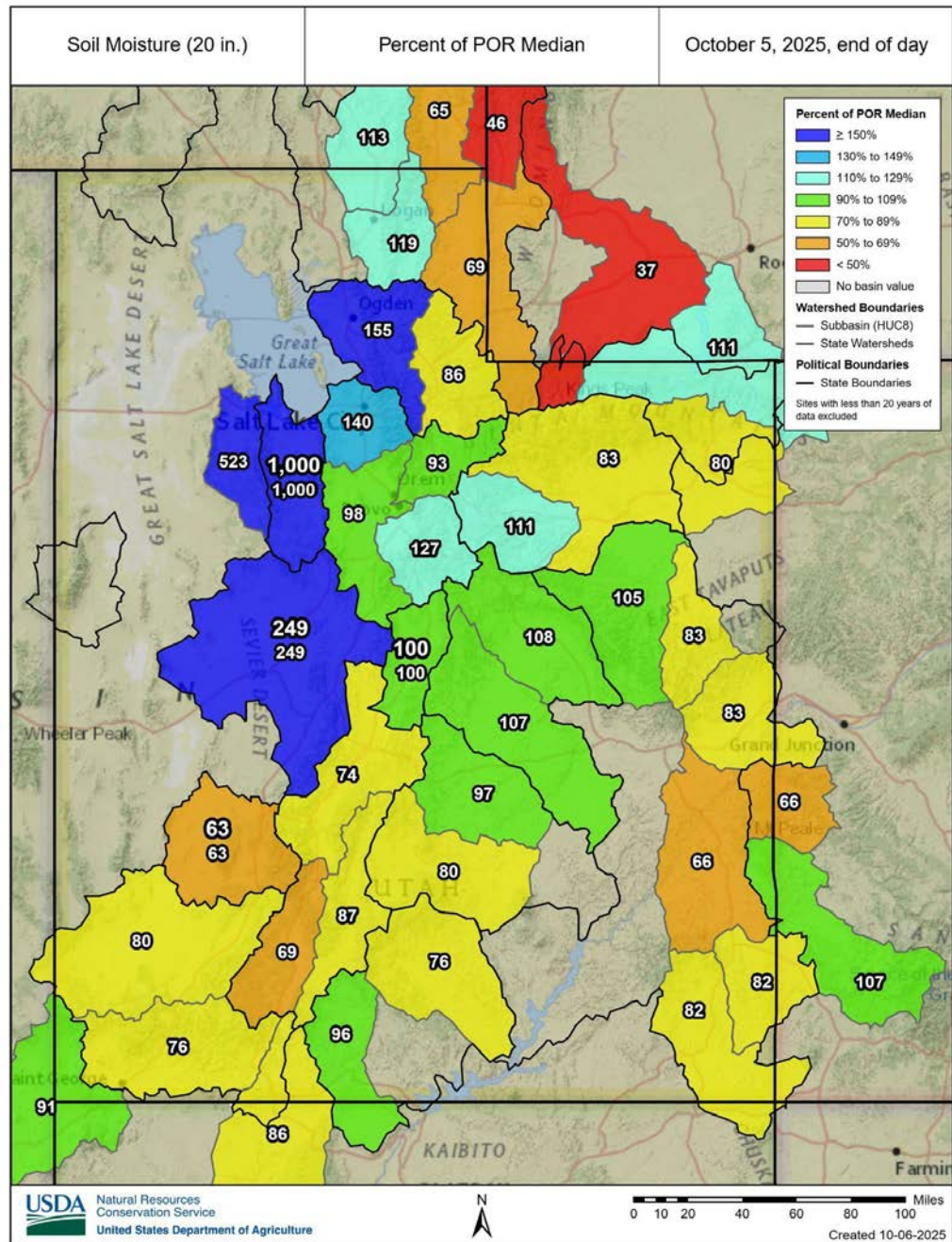
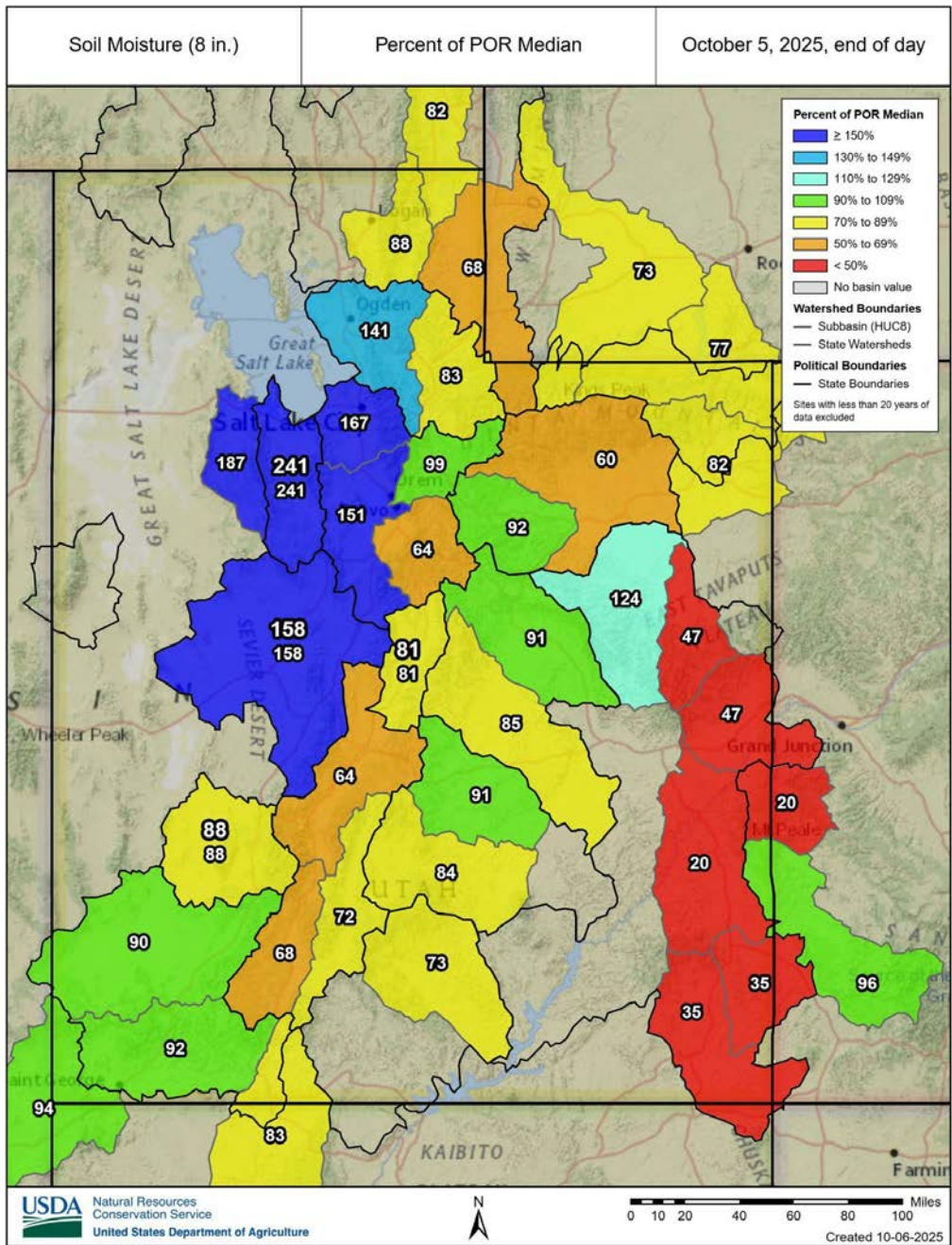
Valid: Dec-Jan-Feb 2025-26
Issued: September 18, 2025

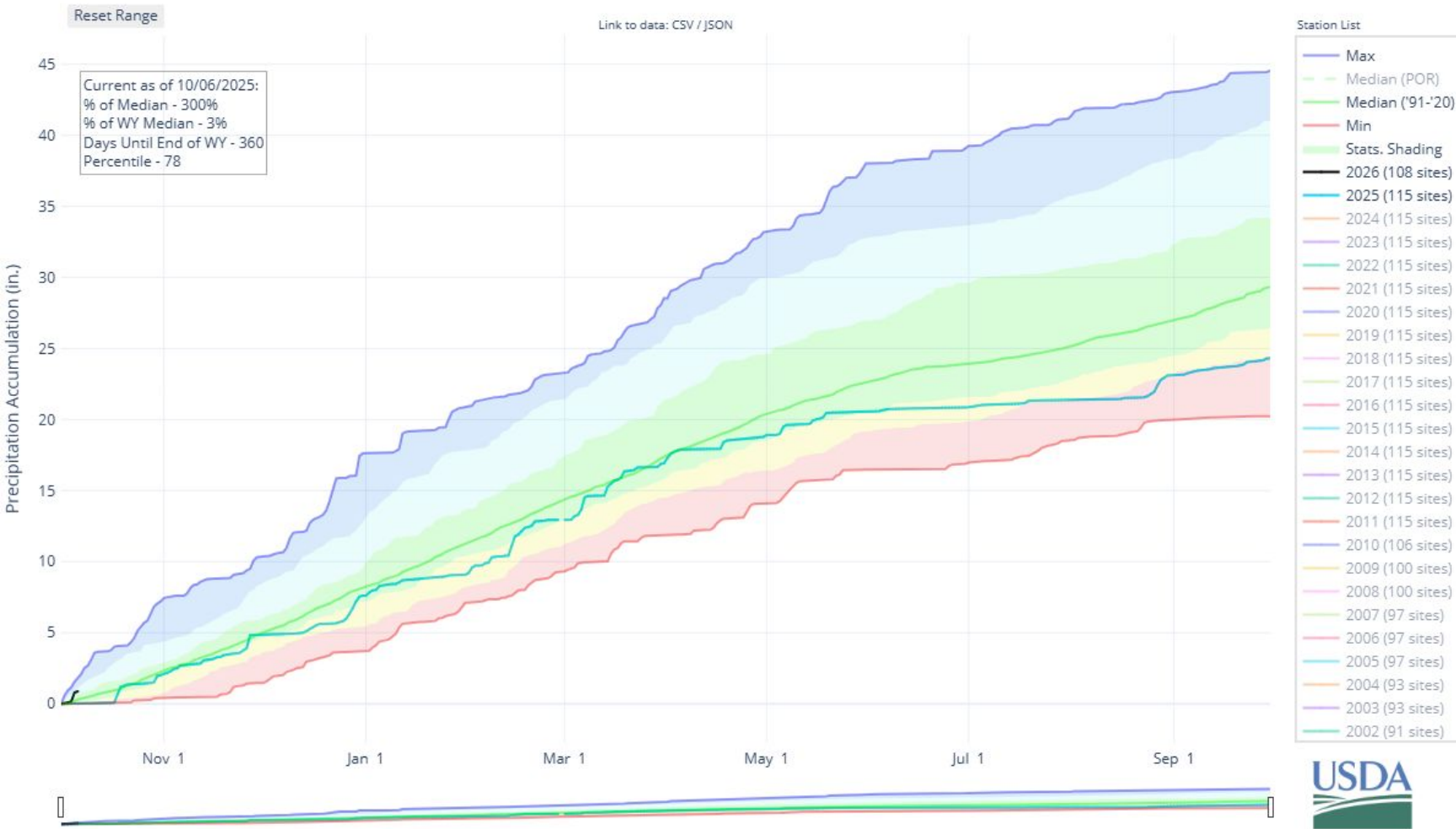


Seasonal Precipitation Outlook

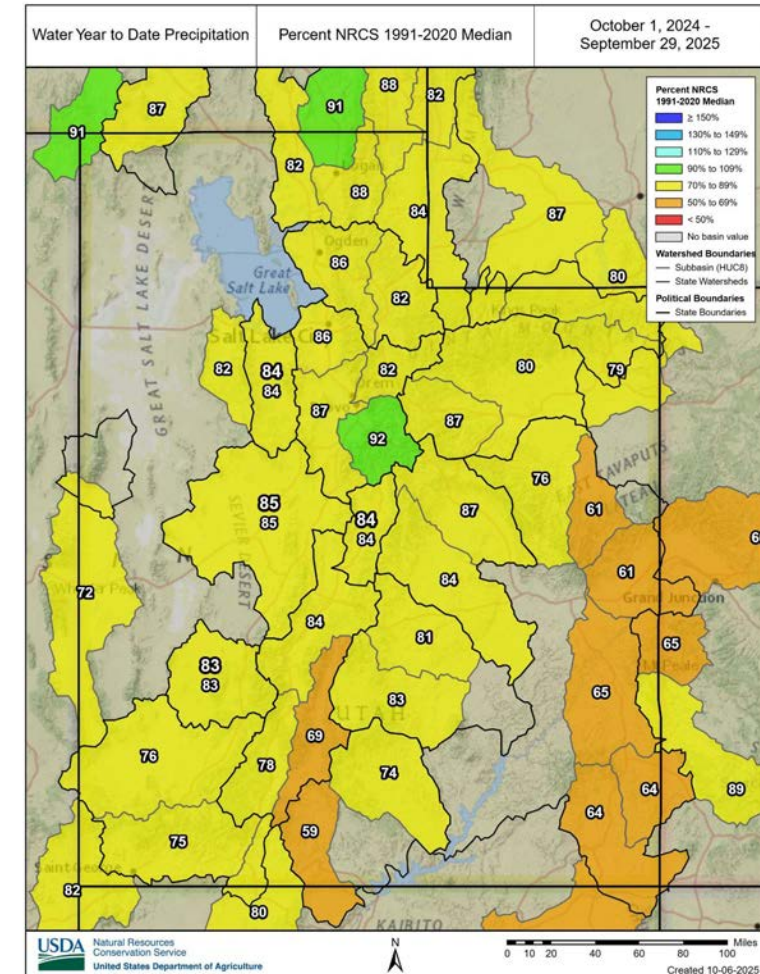
Valid: Dec-Jan-Feb 2025-26
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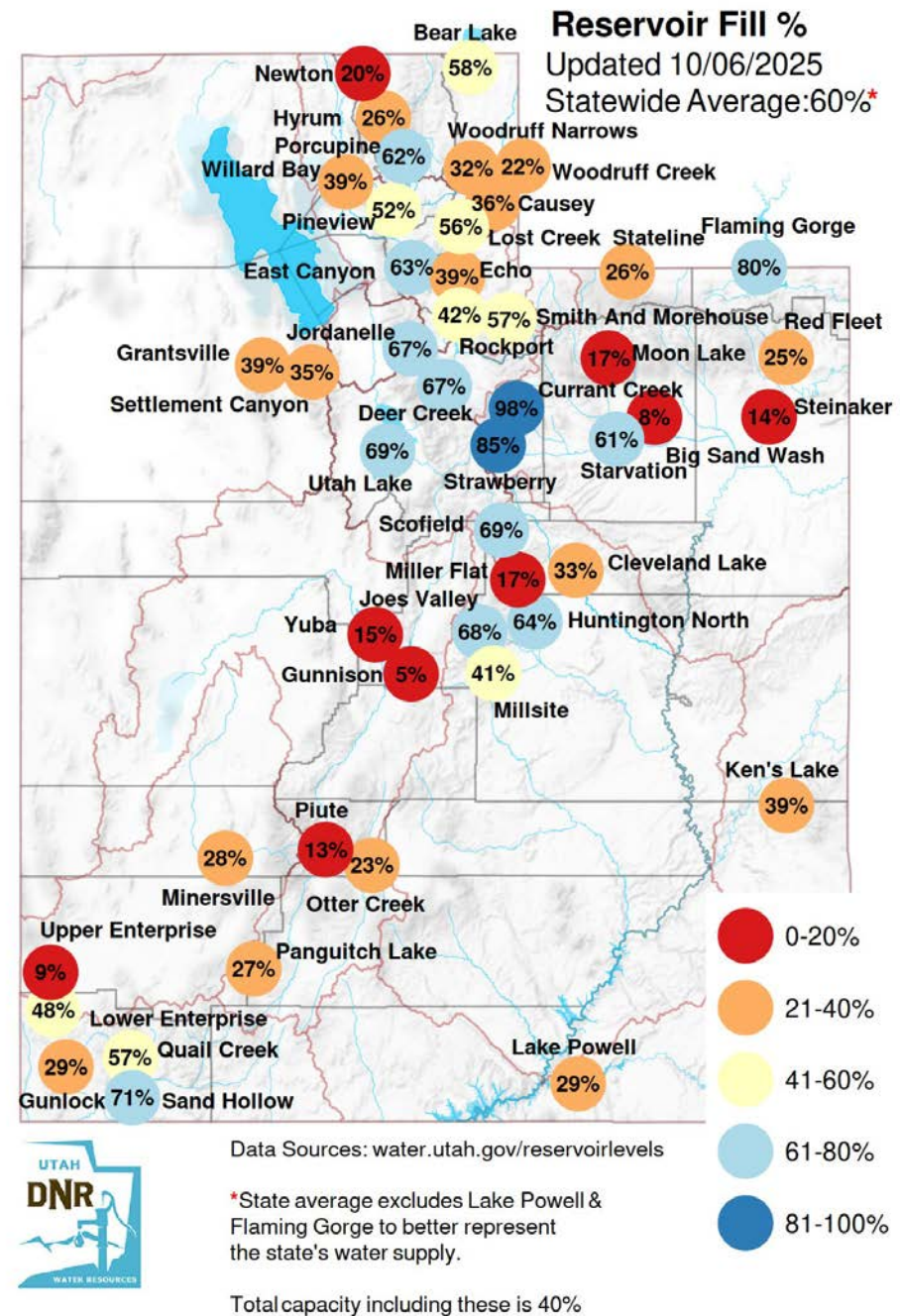






Water Year 2025 Precipitation



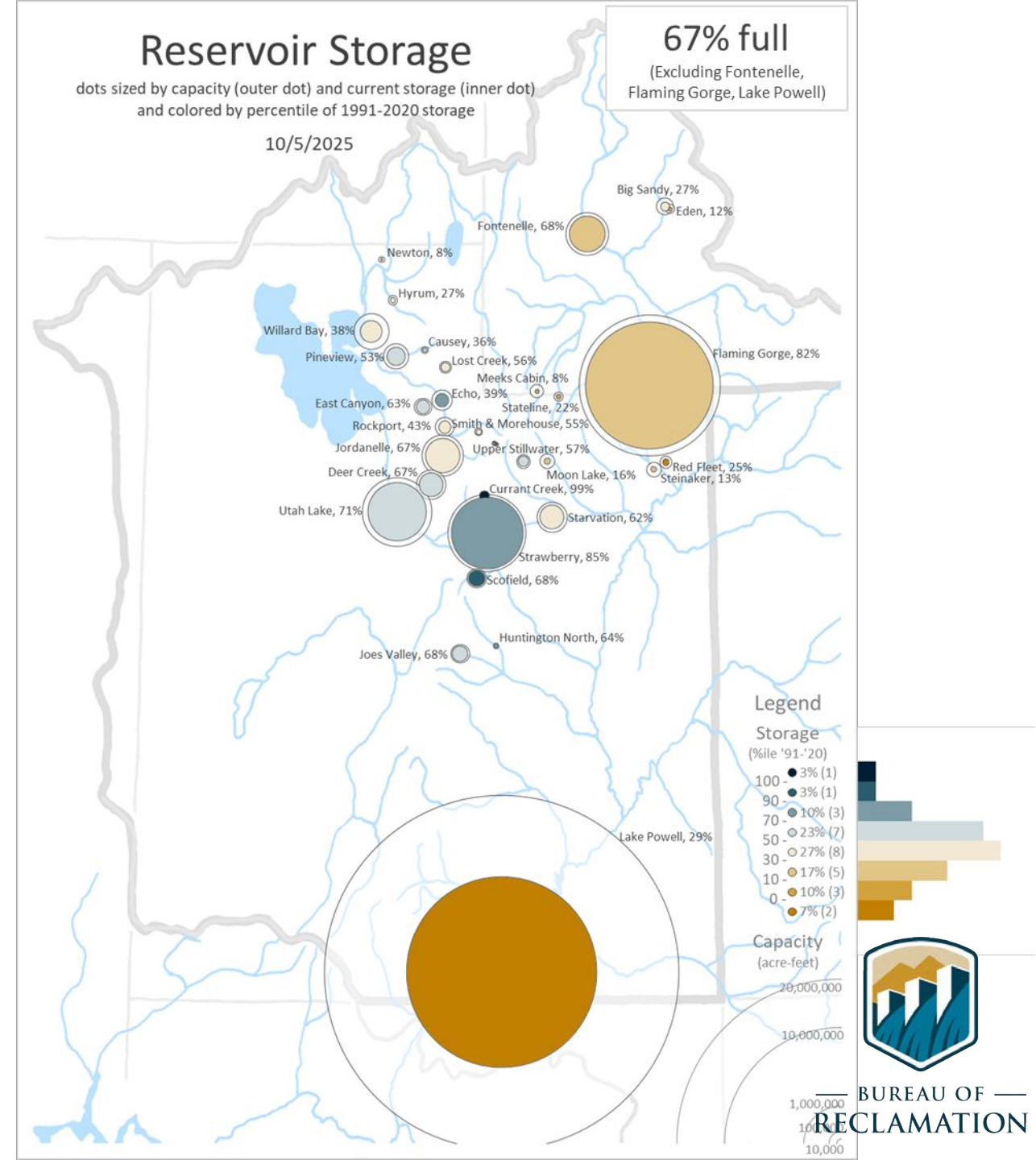


Agency - Division of Water Resources
Presenter - Laura Haskell

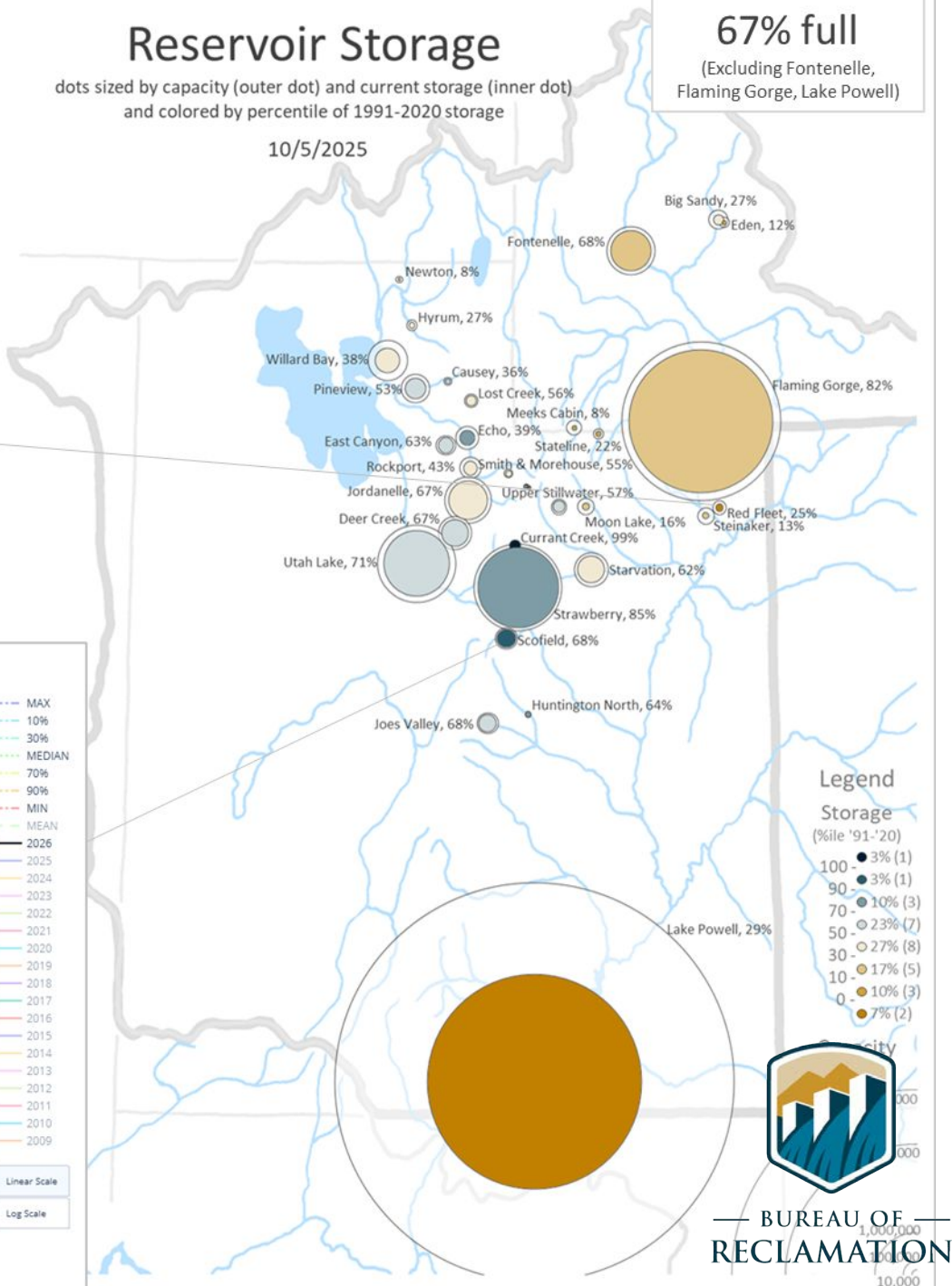
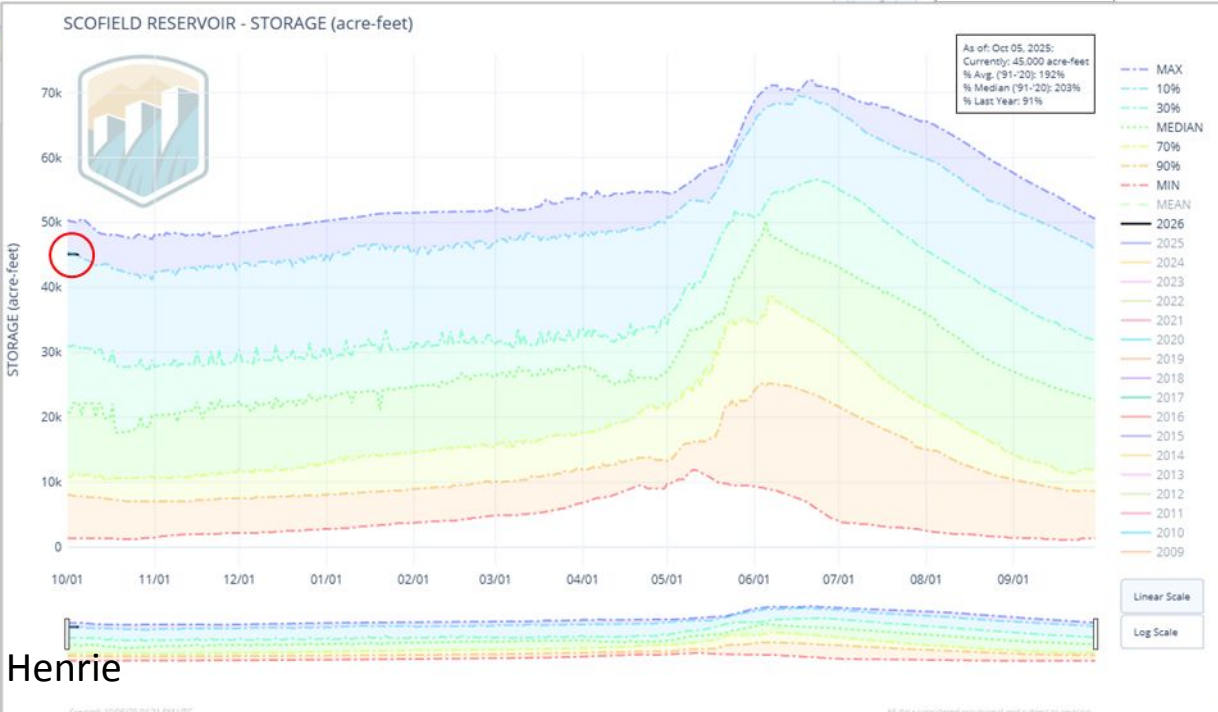
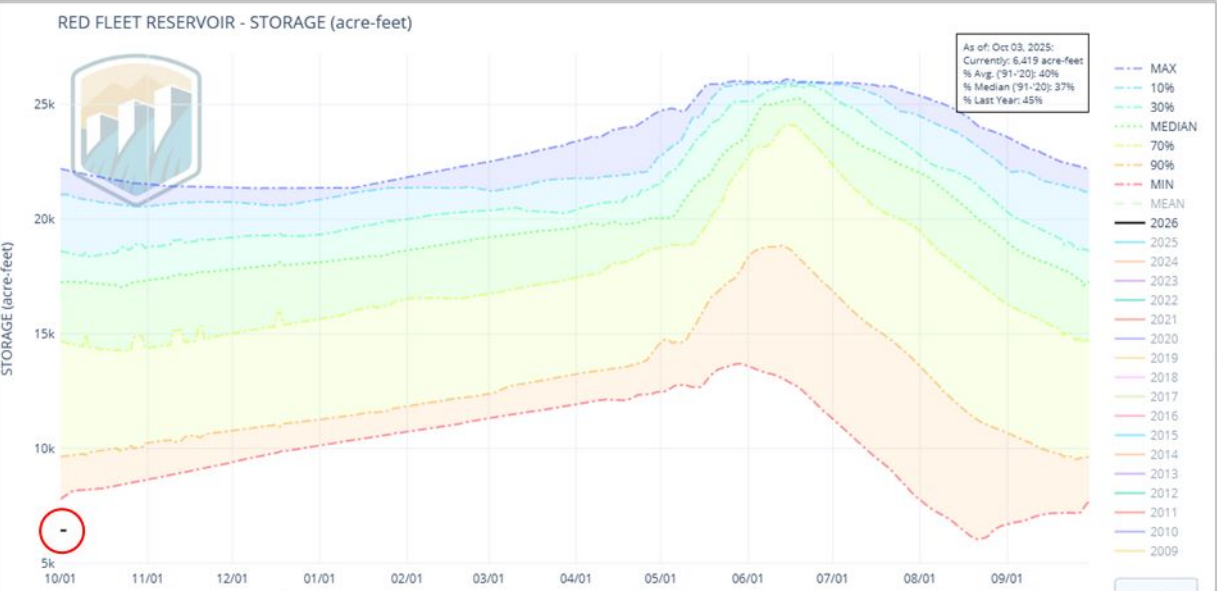
Reservoir Levels

- **Overall reservoir storage is at 67% full**
(Excluding Powell, Flaming Gorge, Fontenelle)
 - ~3.4% lower than last month (71%)
 - ~13% lower than last year (~80%)
 - ~1% higher than the 22-year average (~66%)
- **Individual reservoirs range from 8-85% full**
 - 12/30 are above the 30-year median
 - centered ~30-50th percentile
- **Outlook**
 - storage will start slowly increasing

Agency - BOR
Presenter - Gary Henrie



Reservoir Levels



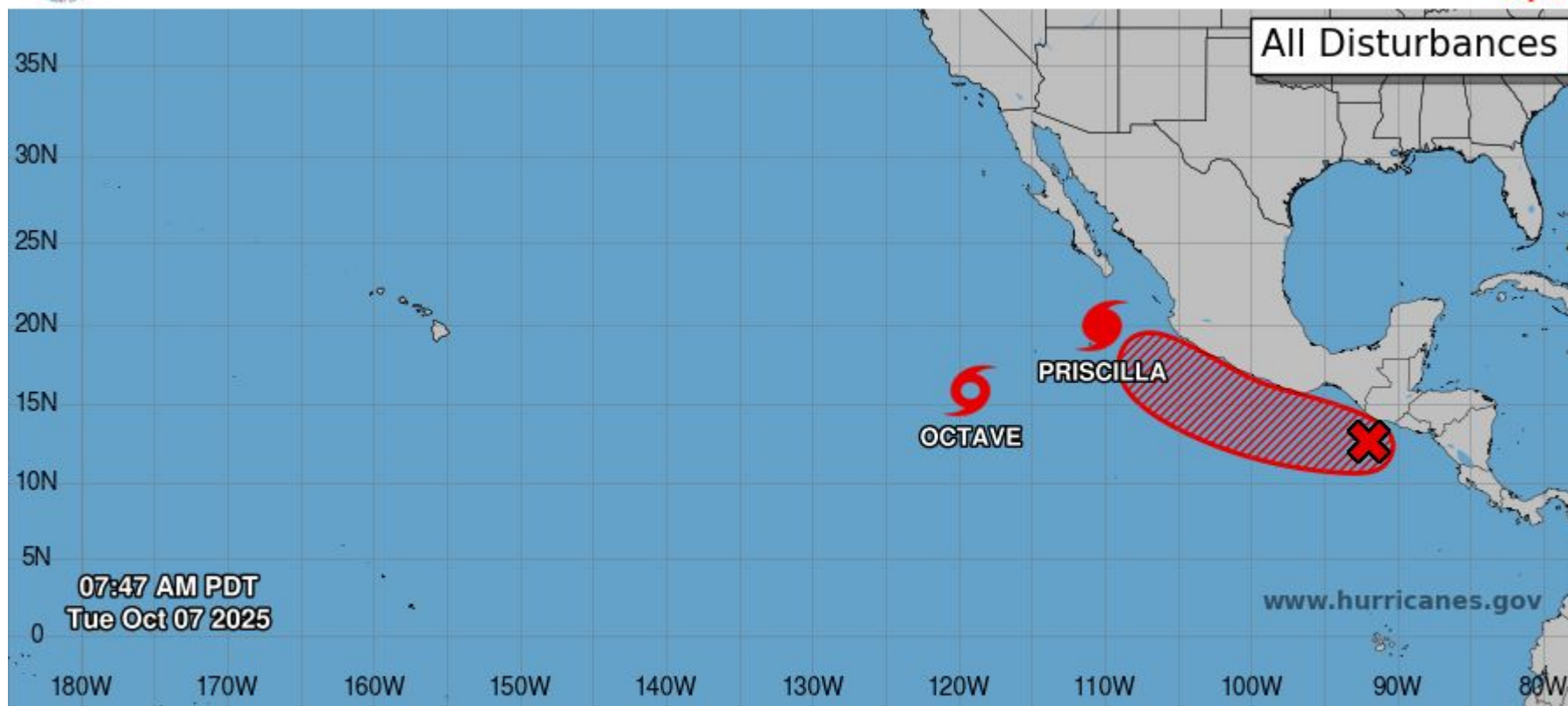
Agency - BOR
Presenter - Gary Henrie

Tropical Cyclone Outlook



Seven-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



07:47 AM PDT
Tue Oct 07 2025

www.hurricanes.gov

Current Disturbances and Seven-Day Cyclone Formation Chance: < 40% 40-60% > 60%

Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane

Post-Tropical Cyclone or Remnants

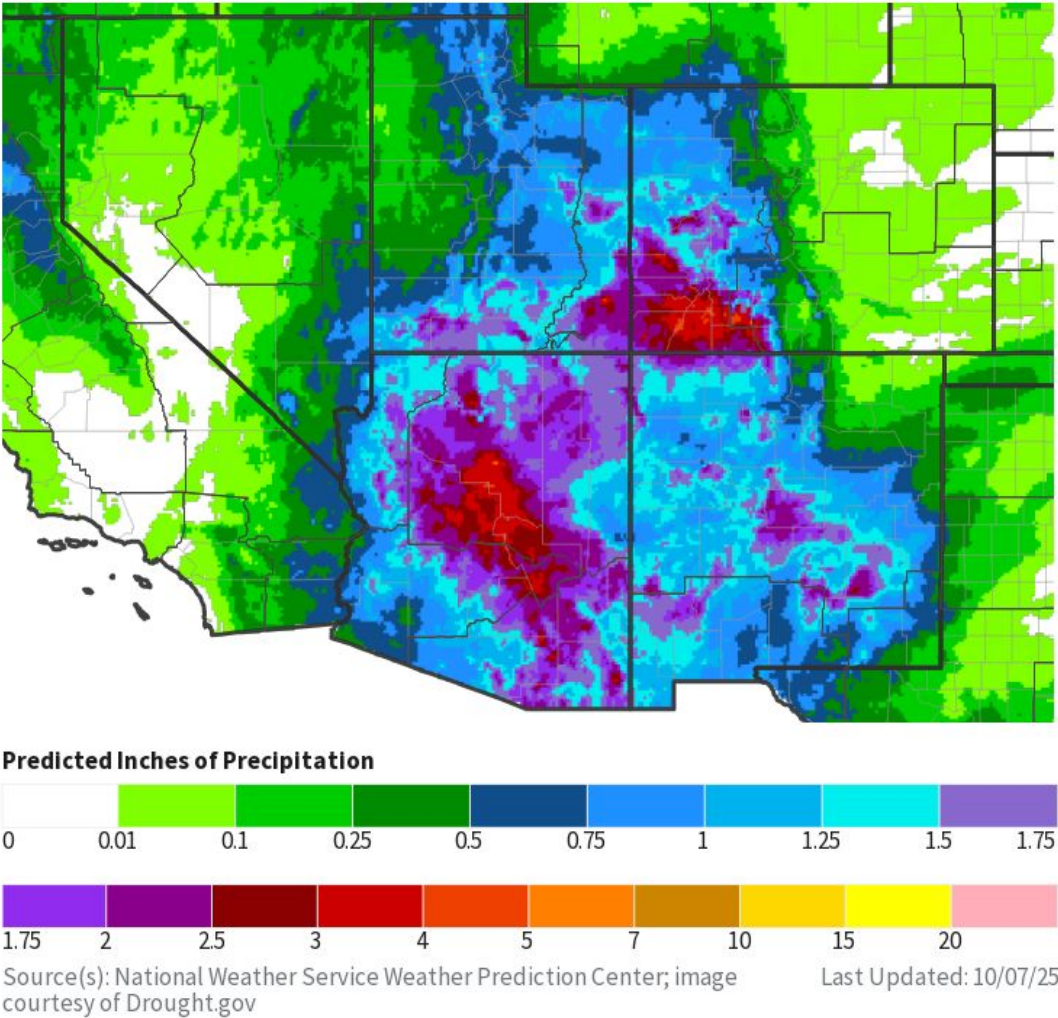
Agency - National Weather Service Weather Forecast Office

Presenter - Mike Seaman

Weather Forecast Office Utah Day 1-7 Outlook



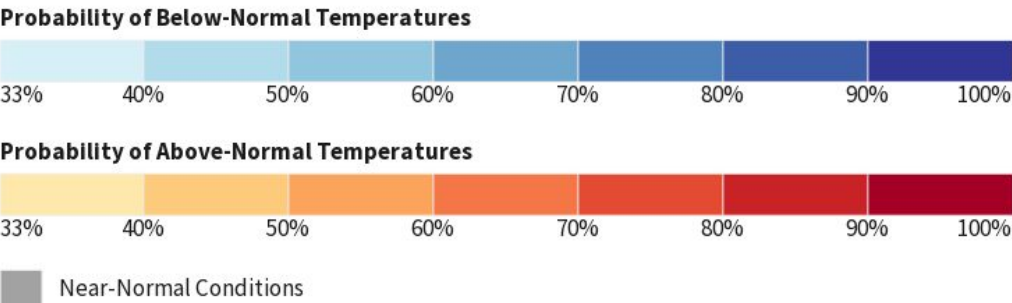
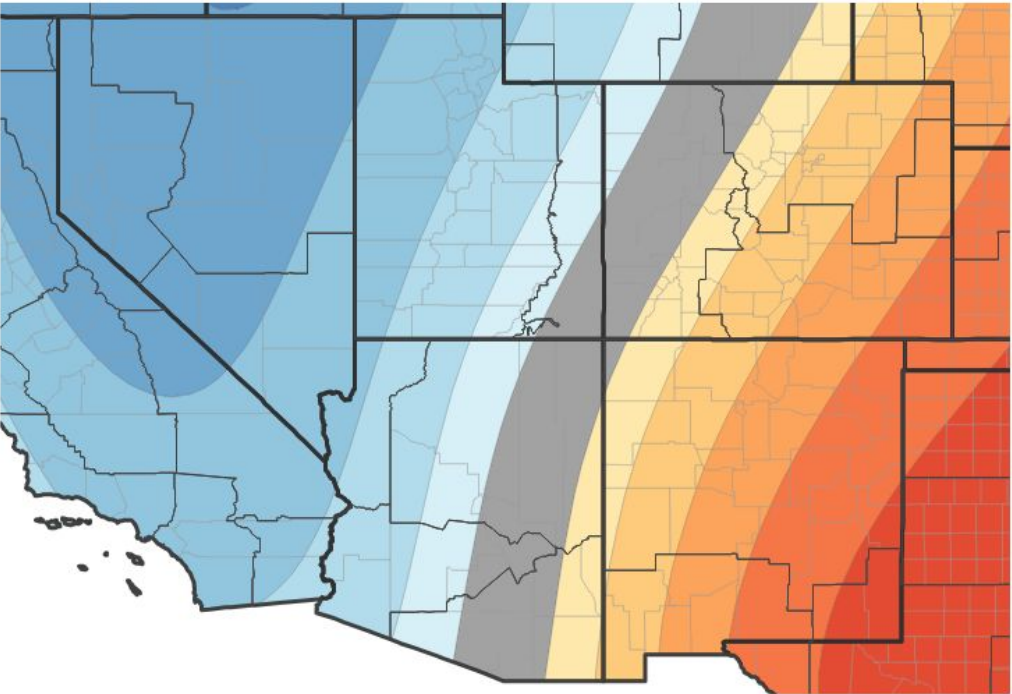
7-Day Quantitative Precipitation Forecast for October 7,
2025–October 14, 2025



Climate Prediction Center 6 to 10 Day Outlooks - Temperature



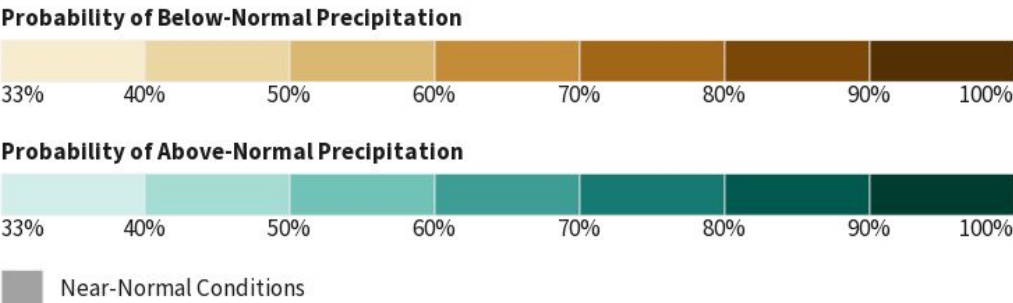
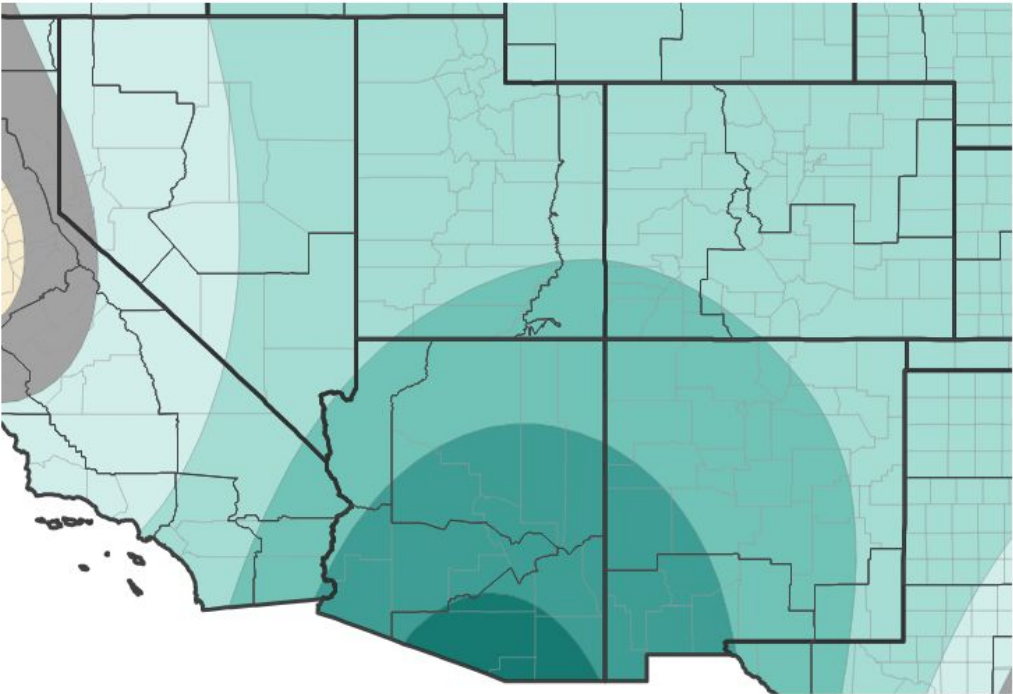
6-10 Day Temperature Outlook for October 12, 2025-October 16, 2025



Source(s): Climate Prediction Center; image courtesy of Drought.gov Last Updated: 10/06/25

Agency - National Weather Service Weather Forecast Office
Presenter - Mike Seaman

6-10 Day Precipitation Outlook for October 12, 2025-October 16, 2025

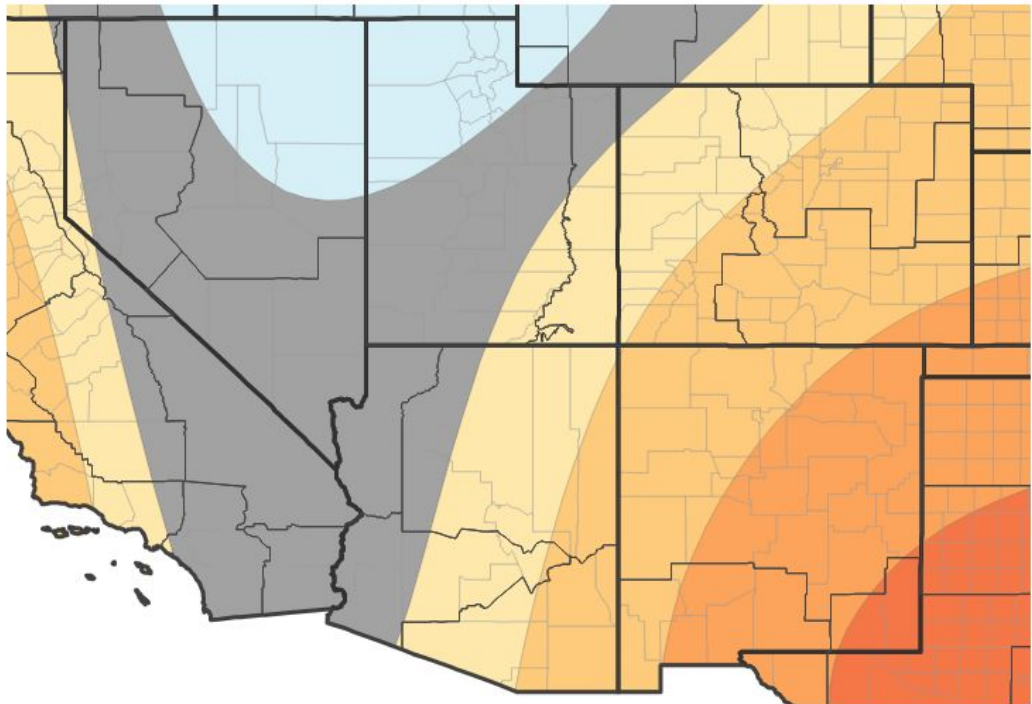


Source(s): Climate Prediction Center; image courtesy of Drought.gov Last Updated: 10/06/25

Climate Prediction Center 8 to 14 Day Outlooks - Temperature



8-14 Day Temperature Outlook for October 14, 2025-October 20, 2025



Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



Near-Normal Conditions

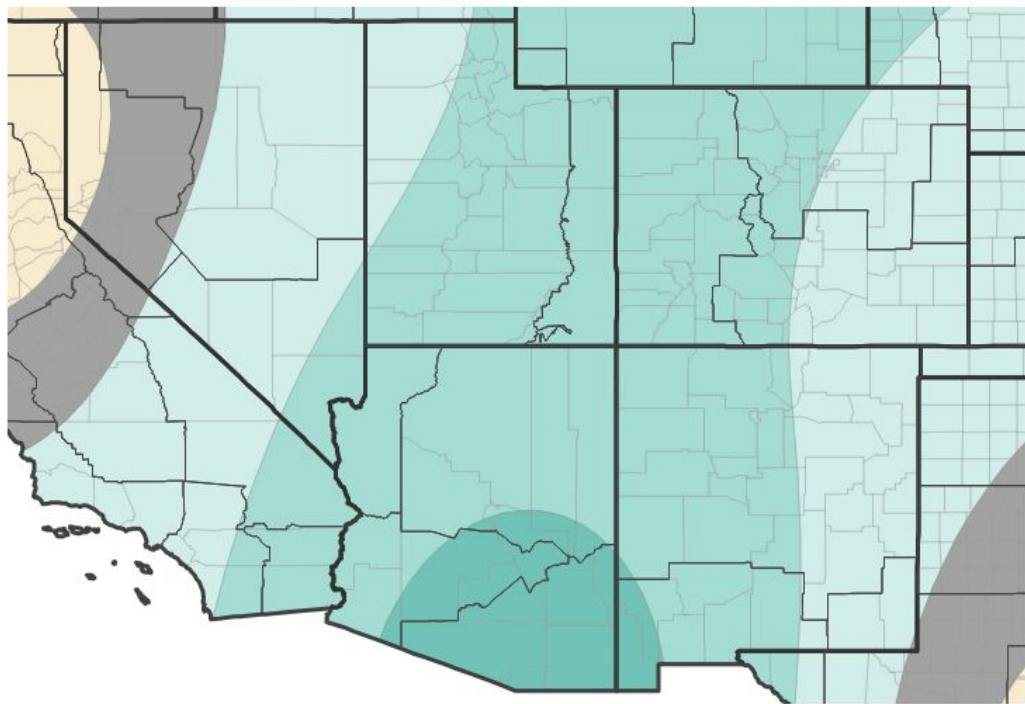
Source(s): Climate Prediction Center; image courtesy of Drought.gov

Last Updated: 10/06/25

Agency - National Weather Service Weather Forecast Office

Presenter - Mike Seaman

8-14 Day Precipitation Outlook for October 14, 2025-October 20, 2025



Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation

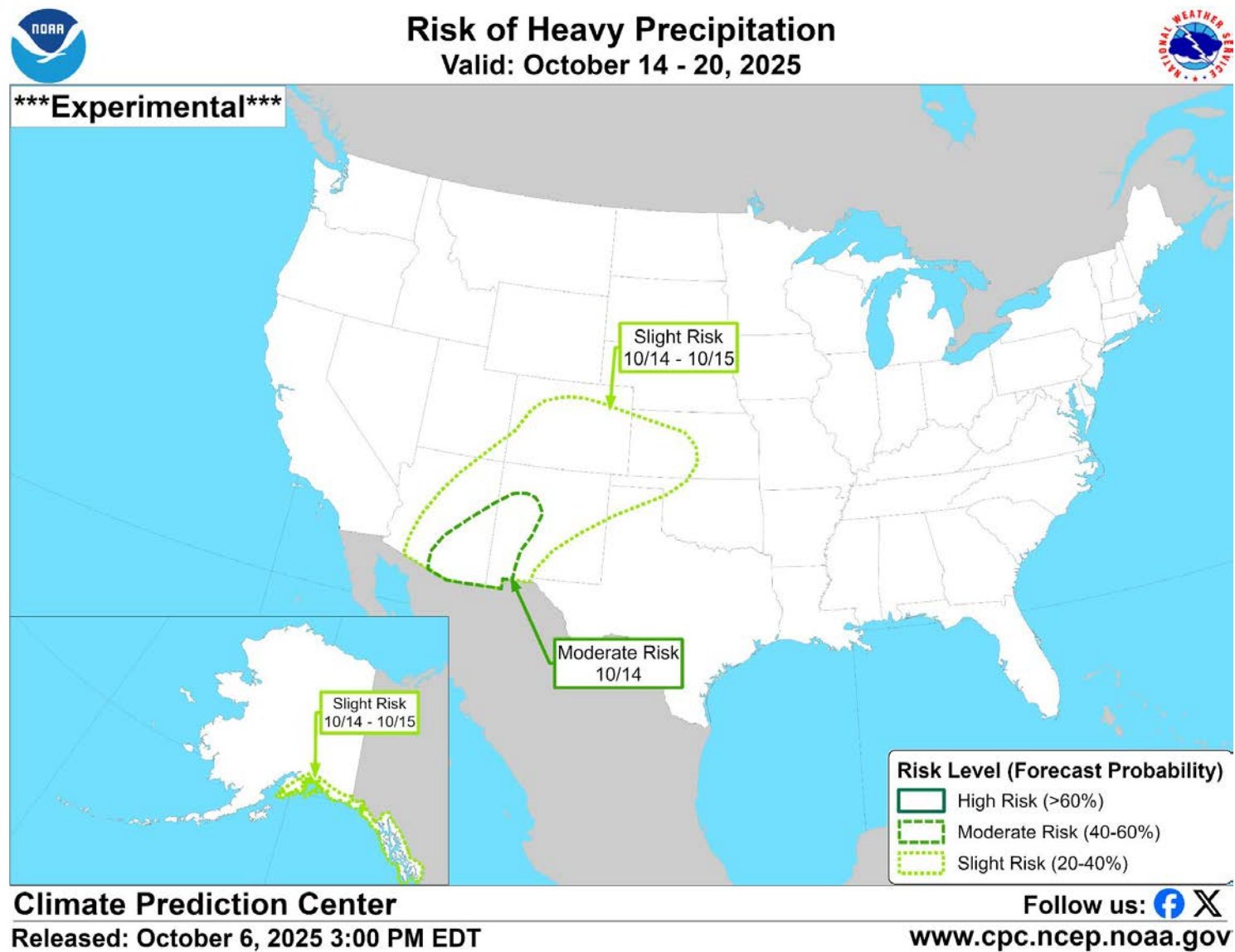


Near-Normal Conditions

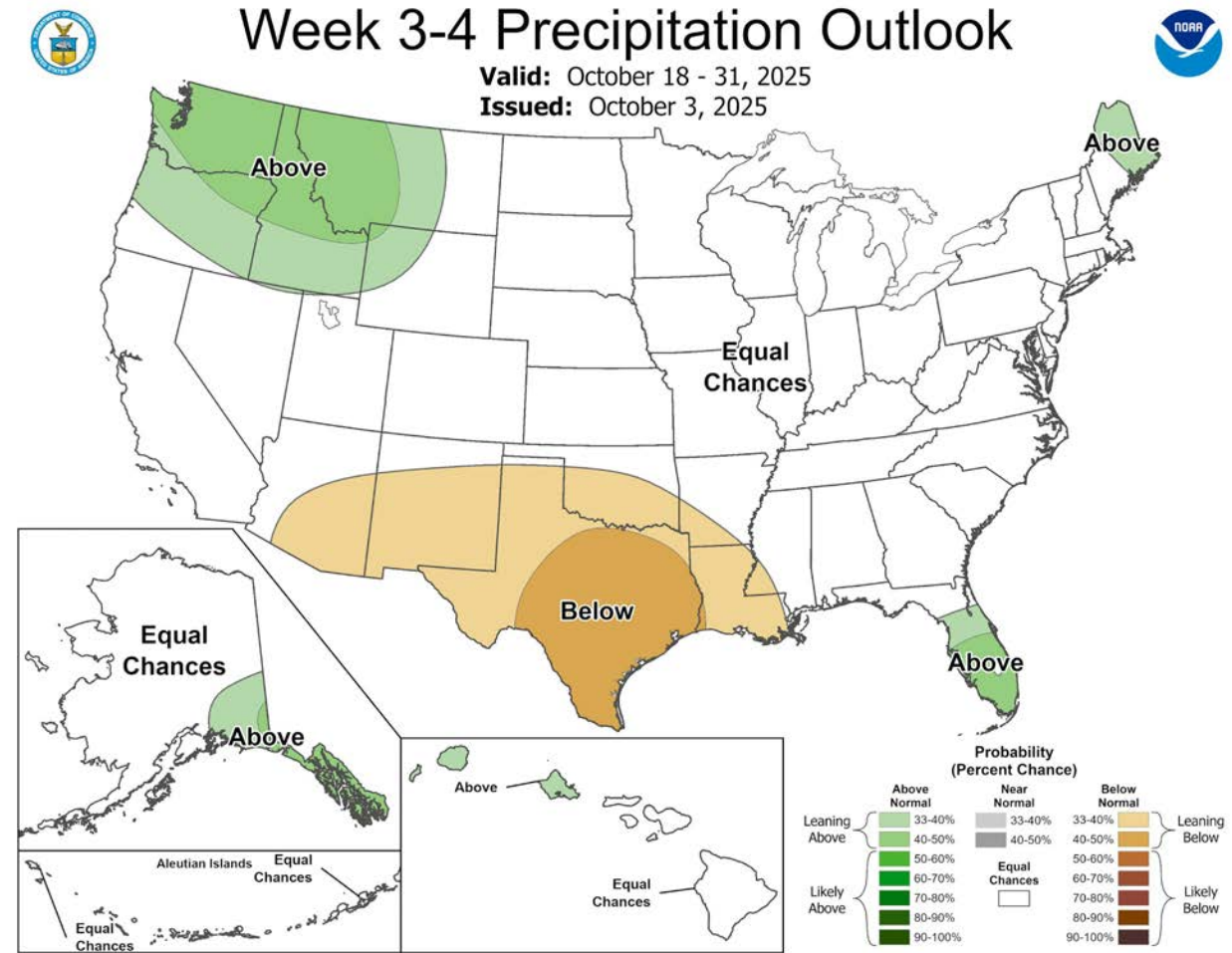
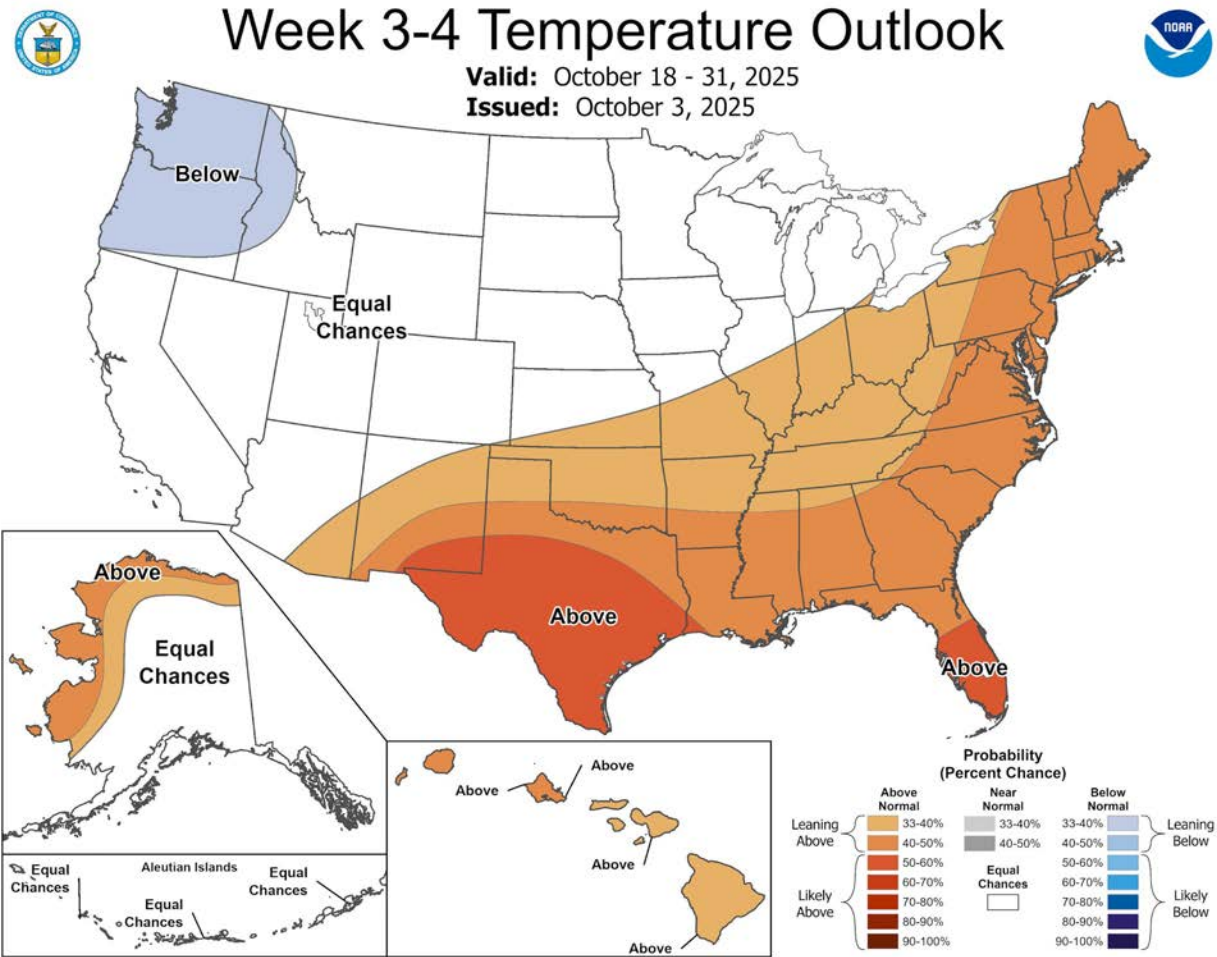
Source(s): Climate Prediction Center; image courtesy of Drought.gov

Last Updated: 10/06/25

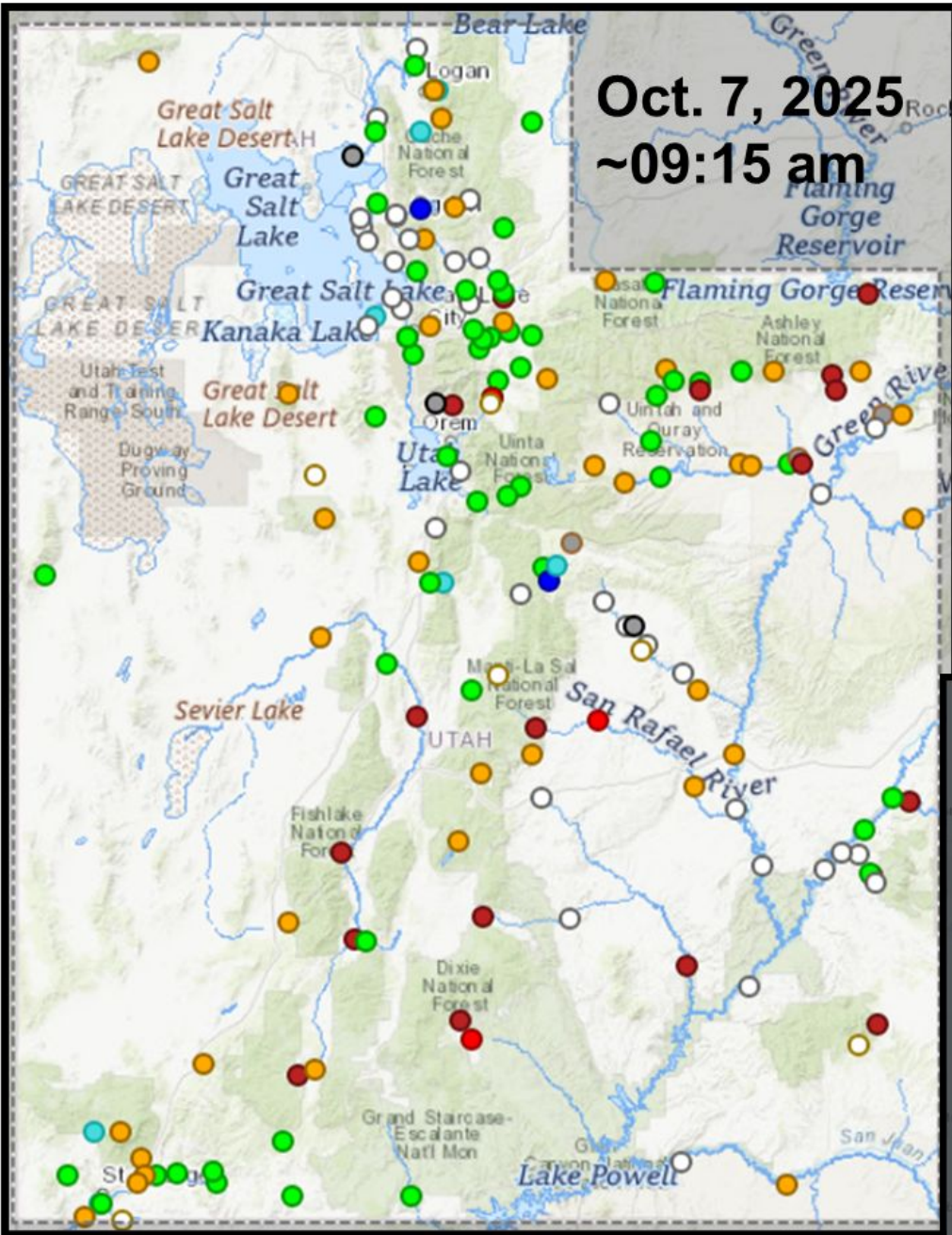
Climate Prediction Center U.S. Week-2 Hazards Outlook



Climate Prediction Center U.S. Week-3 to 4 Week Outlook



Current Streamflows



Percentage of Gages		
Day-of-Year Status	Sep. 16	Oct. 7
All-time high for this day-of-year	2.4%	0.0%
Much above normal for this day-of-year	1.2%	1.2%
Above normal for this day-of-year	1.8%	4.2%
Normal for this day-of-year	30.4% █	31.5% █
Below normal for this day-of-year	19.6% █	22.0% █
Much below normal for this day-of-year	14.3% █	10.7% █
All-time low for this day-of-year	1.8%	1.8%
Not ranked - insufficient record	22.0% █	22.6% █
Not ranked - no measurement	1.2%	1.8%

Streamflow: Status

Above flood stage

All-time high for this day

Much above normal

Above normal

Normal

Below normal

Much below normal

All-time low for this day

Not flowing

Not ranked

Measurement flag

Recent measurement unavailable

100th percentile (maximum)

>90th percentile

76th – 90th percentile

25th – 75th percentile

10th – 24th percentile

<10th percentile

0th percentile (minimum)

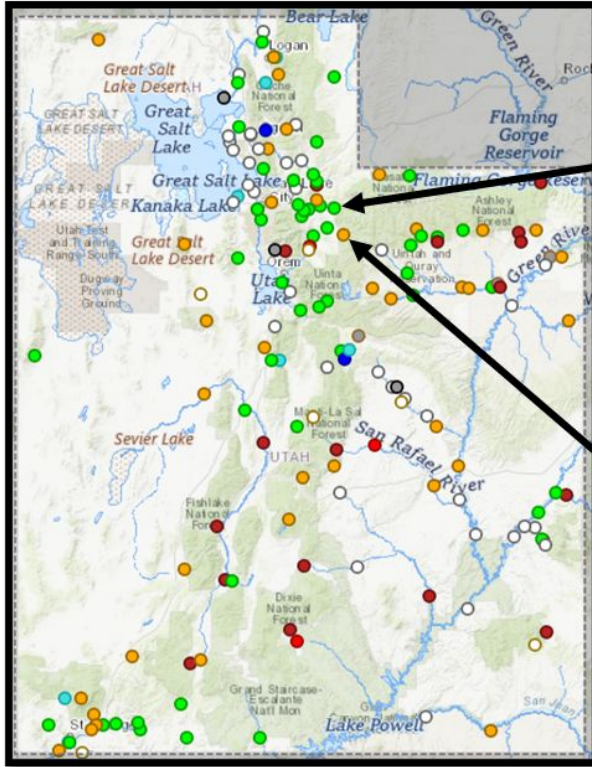
***Sites must have at least 20 years of streamflow record to be ranked.**

Provisional data, subject to revision

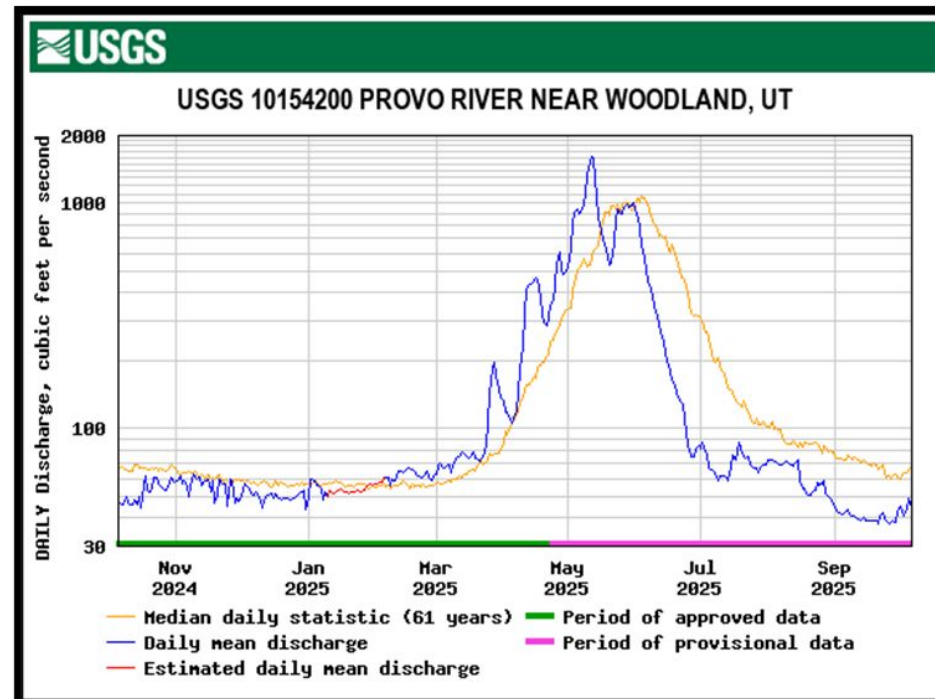
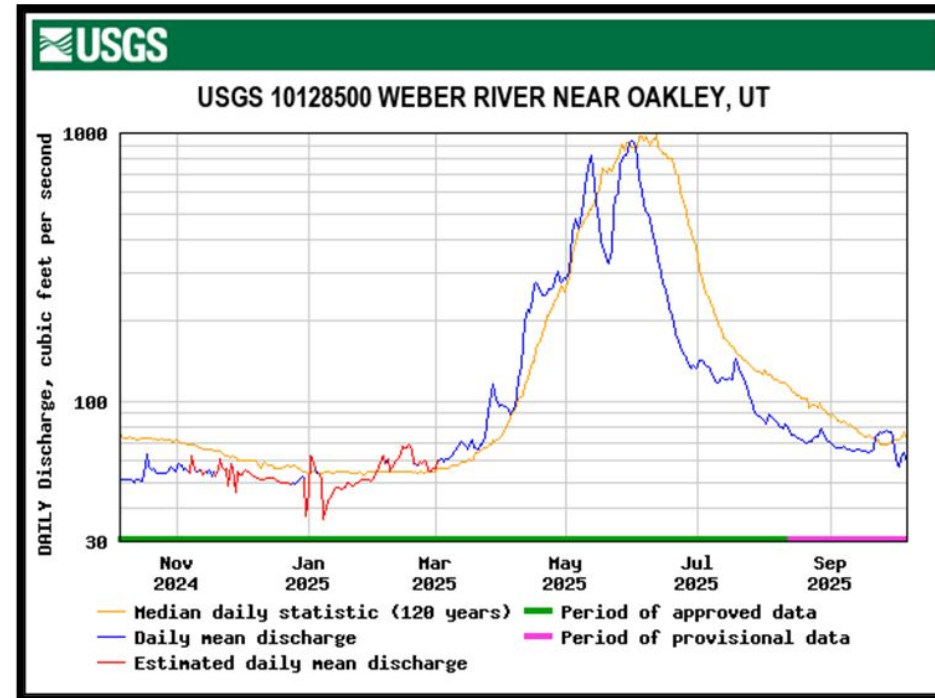
Agency - USGS UT WSC
Presenter -



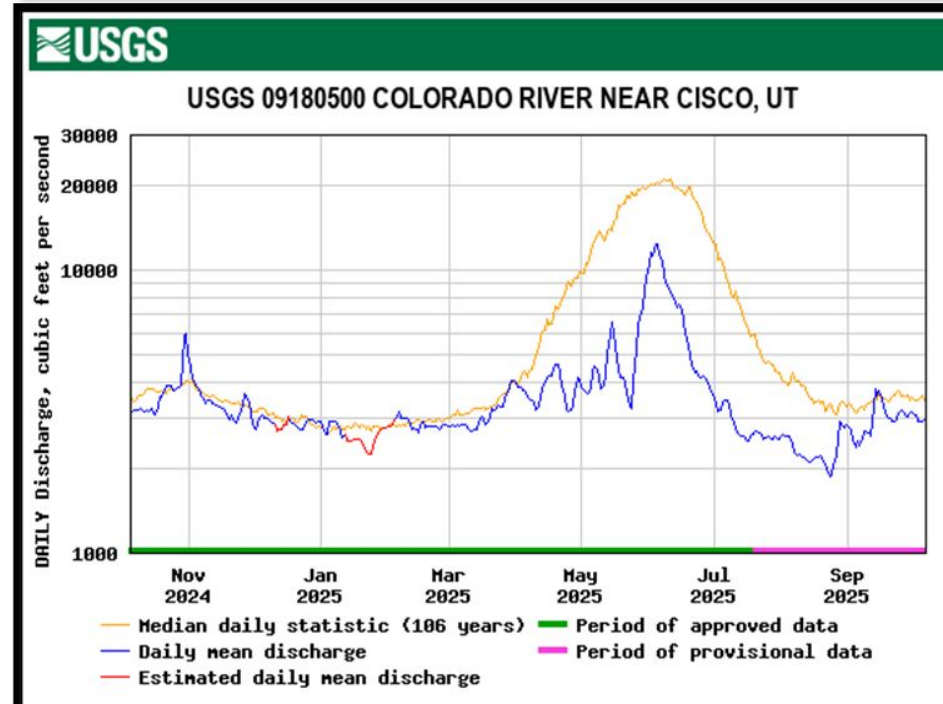
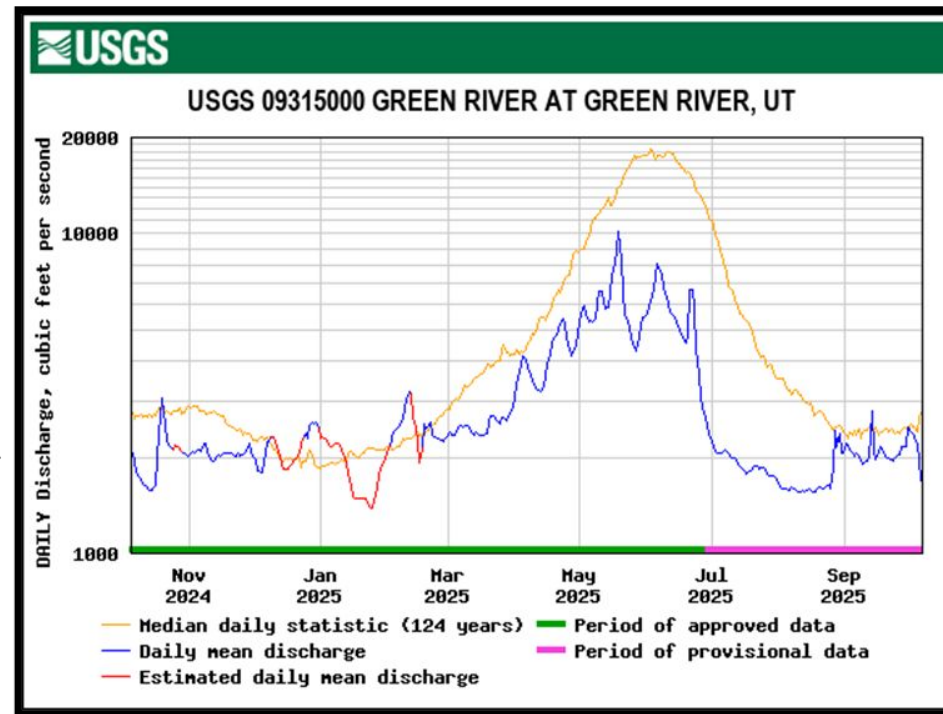
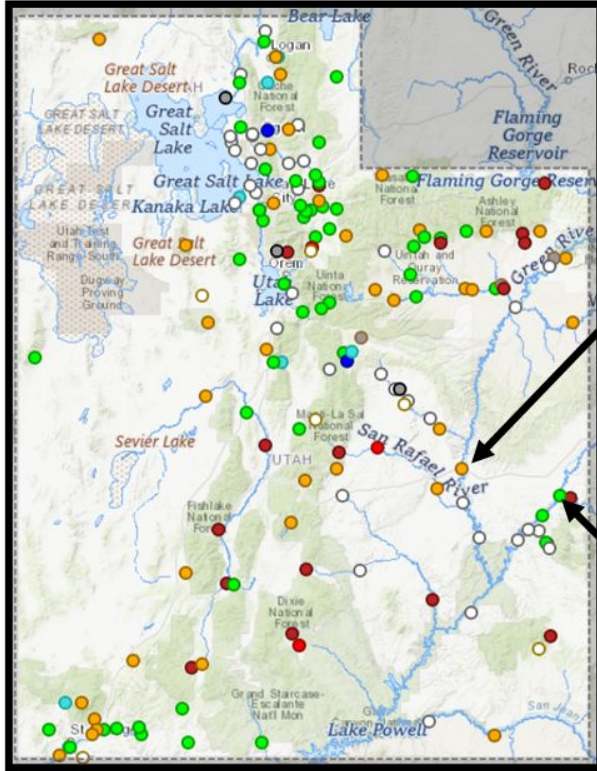
Streamflow at Selected Gages



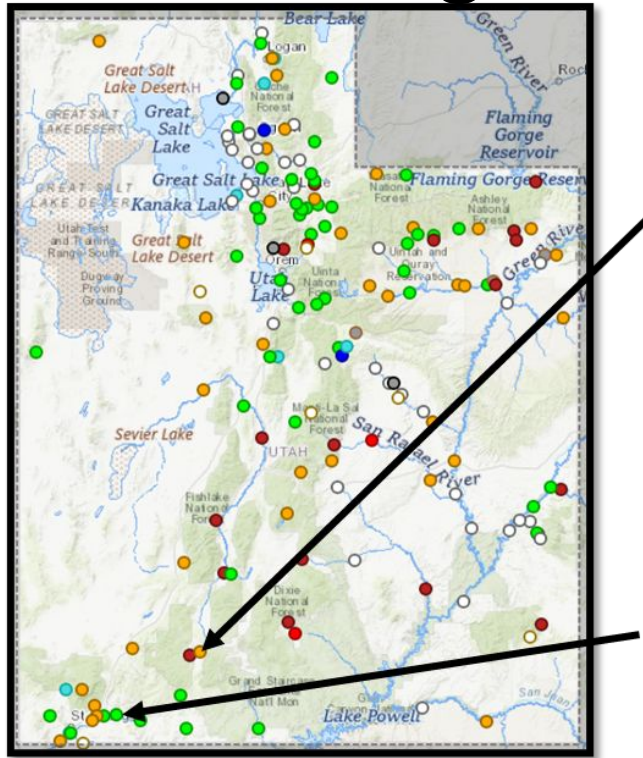
Provisional data,
subject to revision



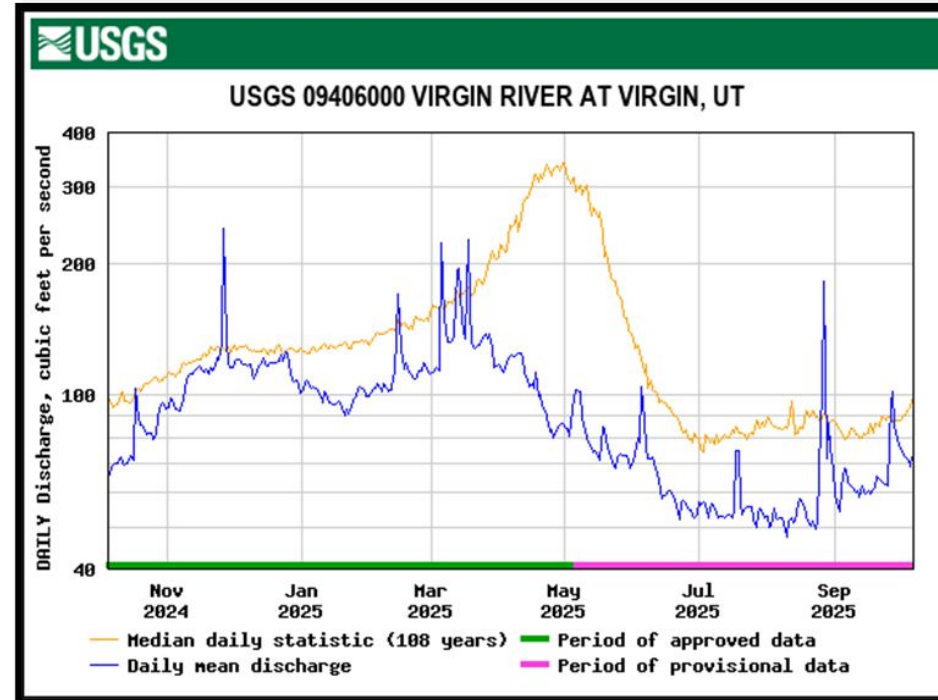
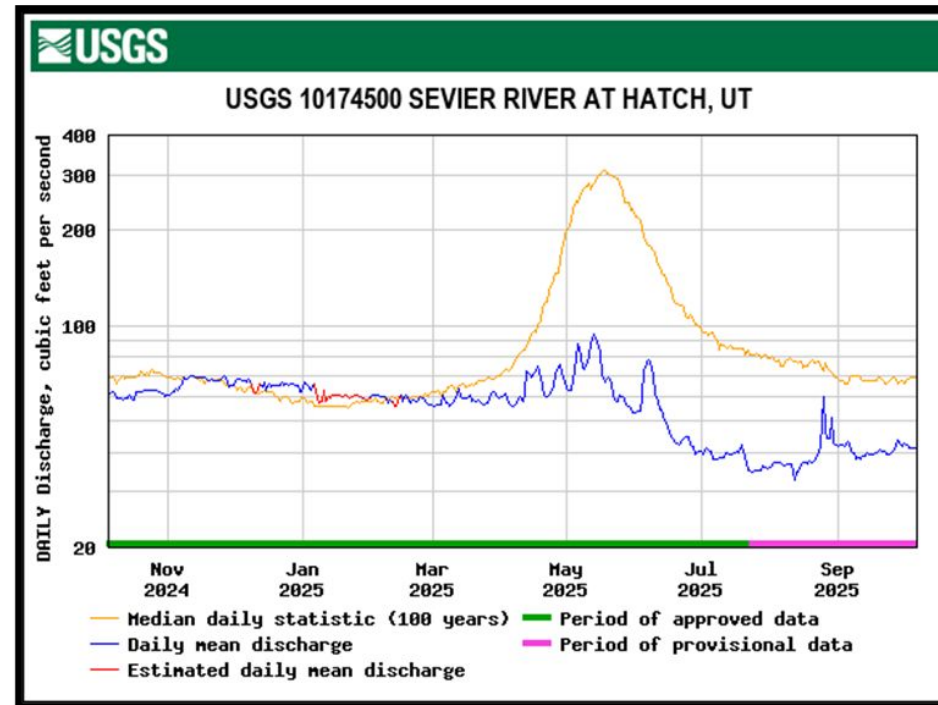
Streamflow at Selected Gages



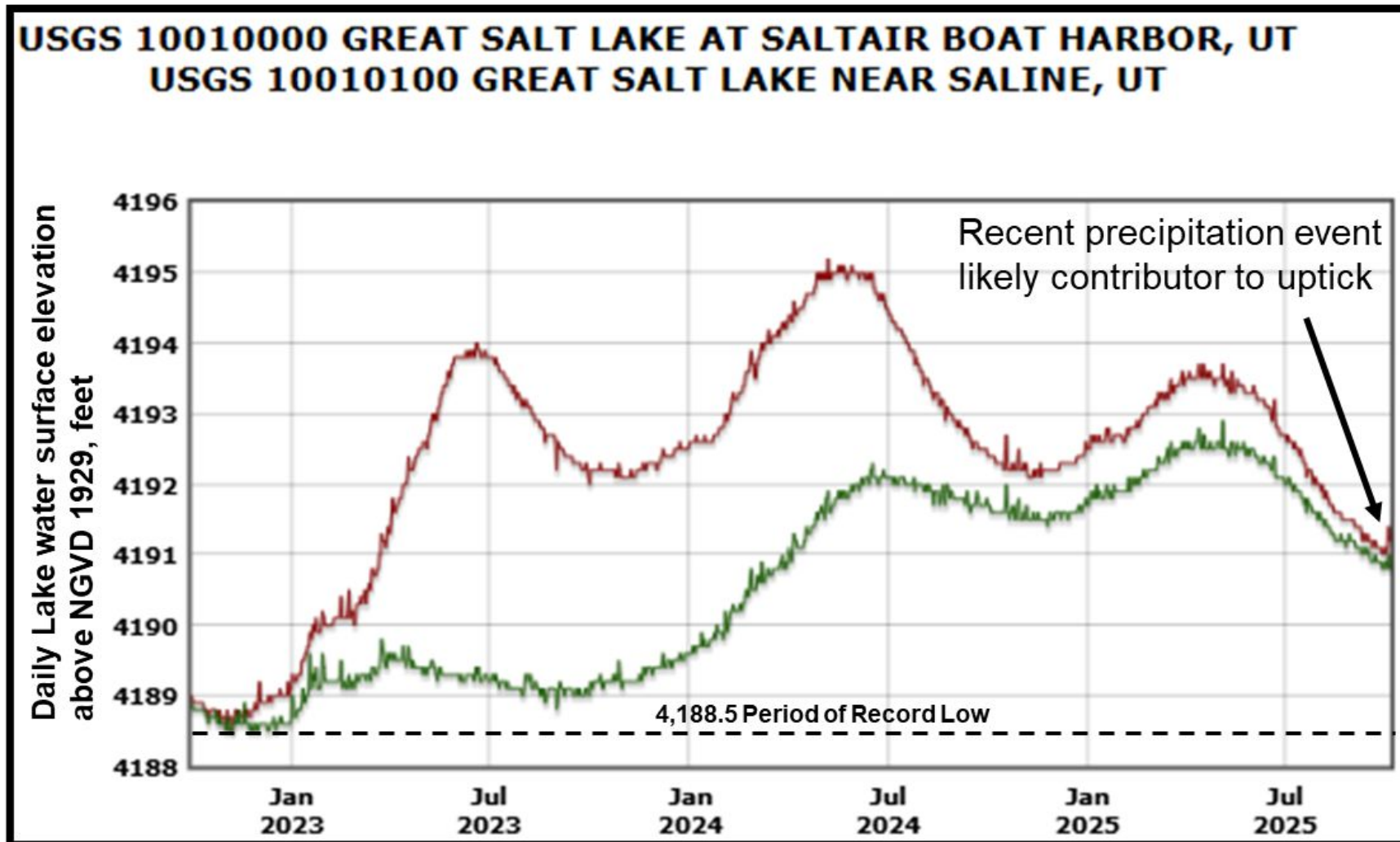
Streamflow at Selected Gages



Provisional data,
subject to revision



Great Salt Lake Water Surface Elevations



Explanation

- ✓ — USGS 10010000 (Mean)
- ✓ — USGS 10010100 (Mean)

Provisional data,
subject to revision

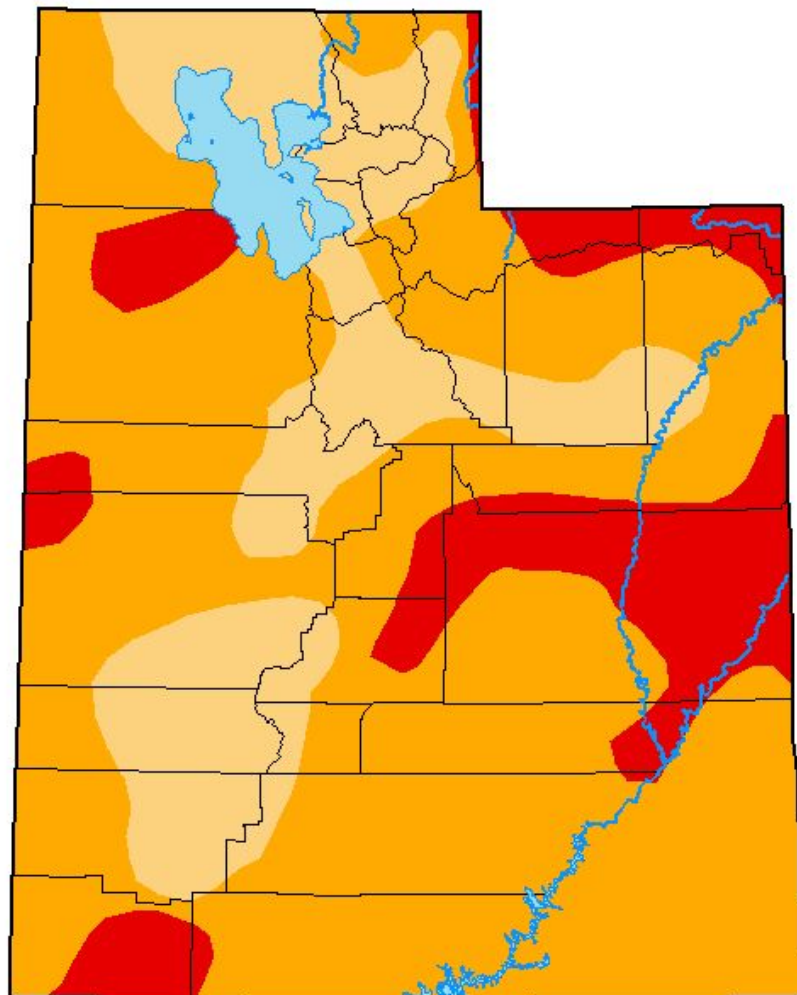
Daily Values 10/6/2025

- ❑ South Arm:
4,191.2'
 - ❑ Down 2.3' since seasonal high in Apr. and May 2025
- ❑ North Arm:
4,190.9'
 - ❑ Down 1.6' since seasonal high in May 2025

Agency - USGS UT WSC

Presenter -

U.S. Drought Monitor Utah

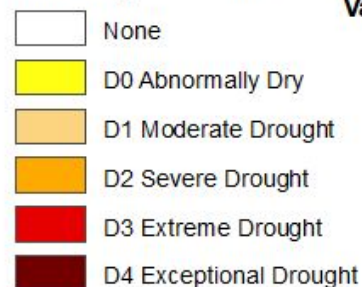


September 30, 2025

(Released Thursday, Oct. 2, 2025)

Valid 8 a.m. EDT

Intensity:



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>

Author:

Curtis Riganti
National Drought Mitigation Center



droughtmonitor.unl.edu

To report on conditions between meetings:

Submit a report on CMOR drought website

Email Lhaskell@utah.gov

email drought@utah.gov