Utah Water Conditions
(drought webinar)

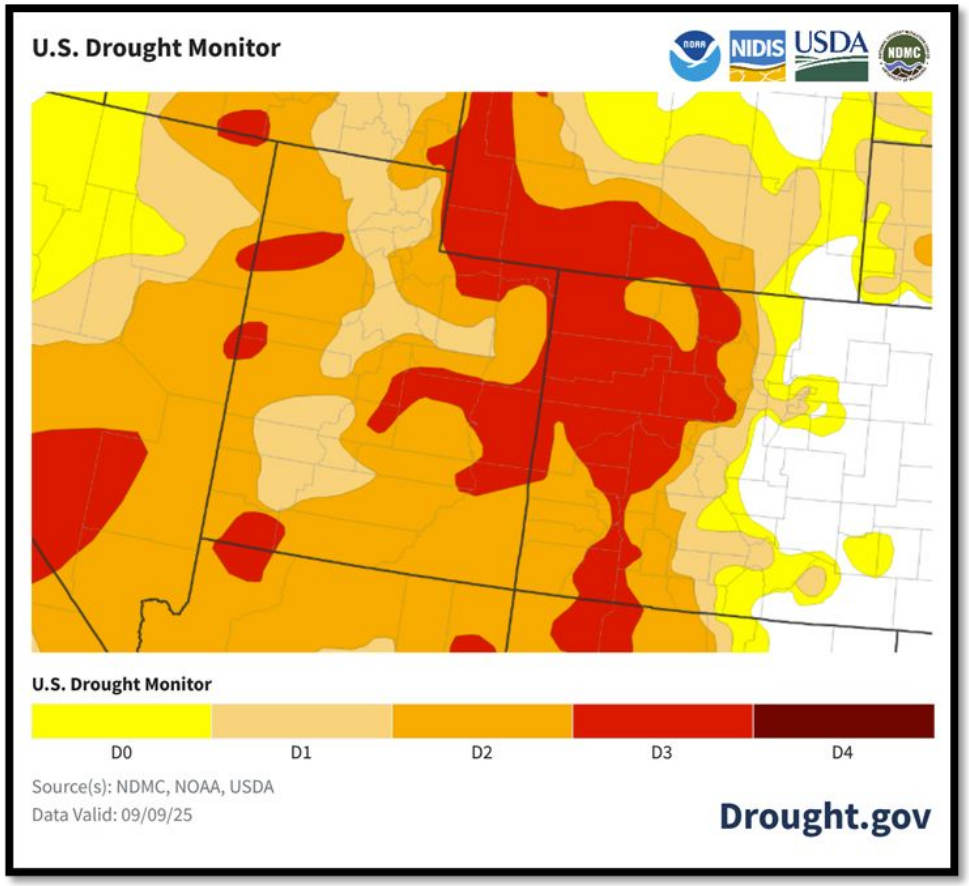
The meeting will begin shortly

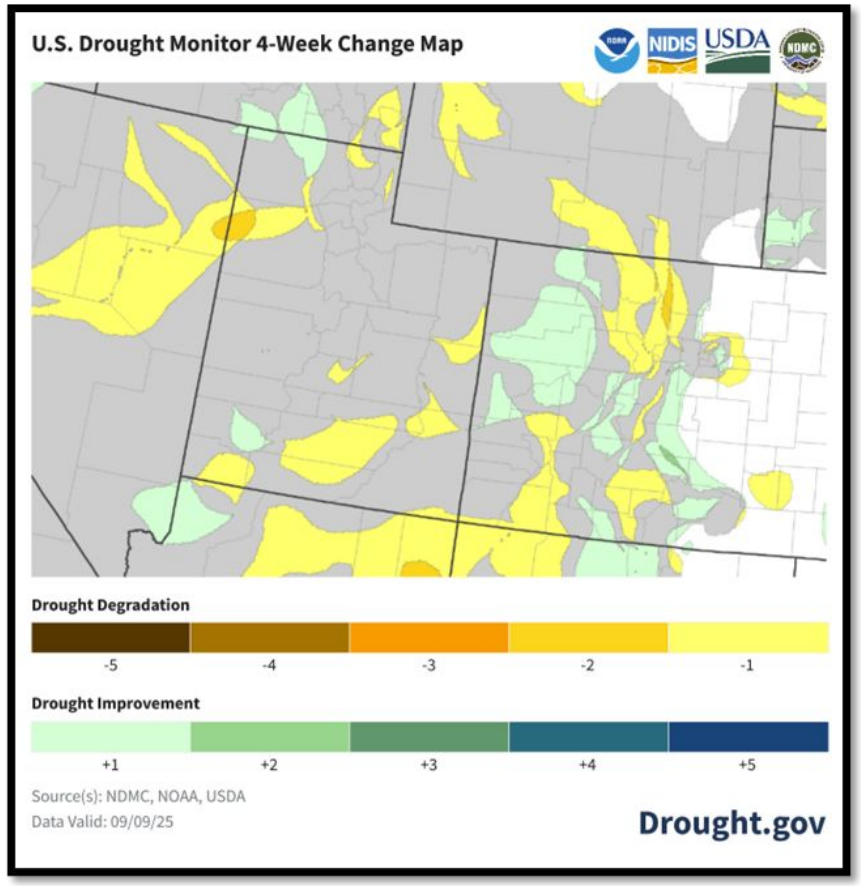
Thank you to our contributors

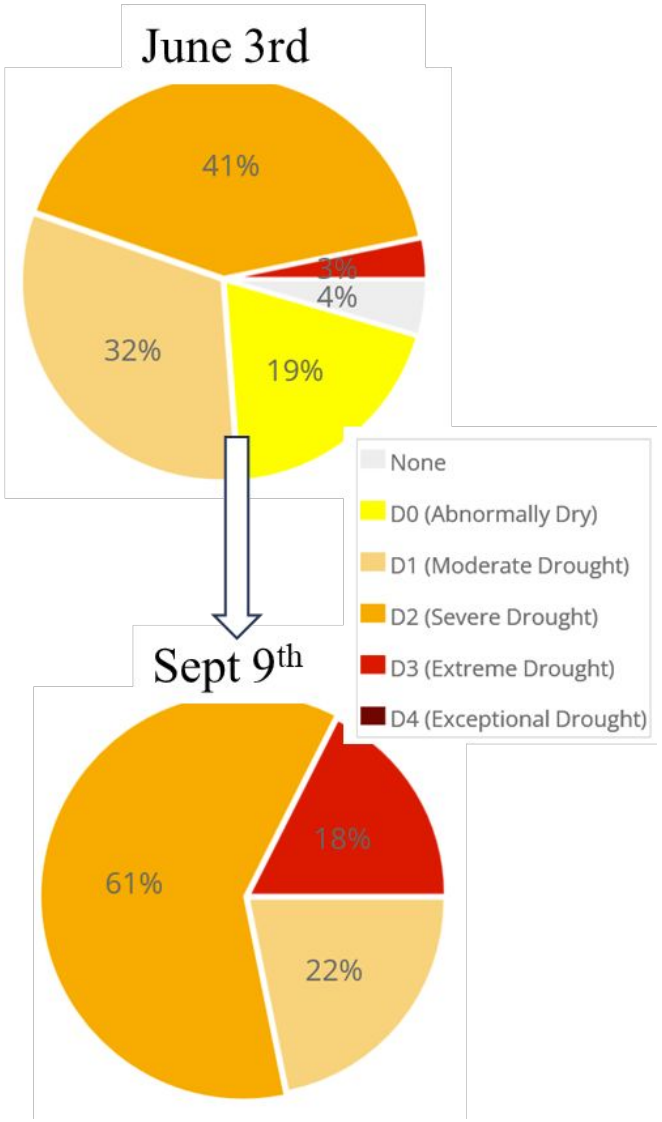
Utah Water Conditions Update

September 16, 2025

Current Drought Conditions

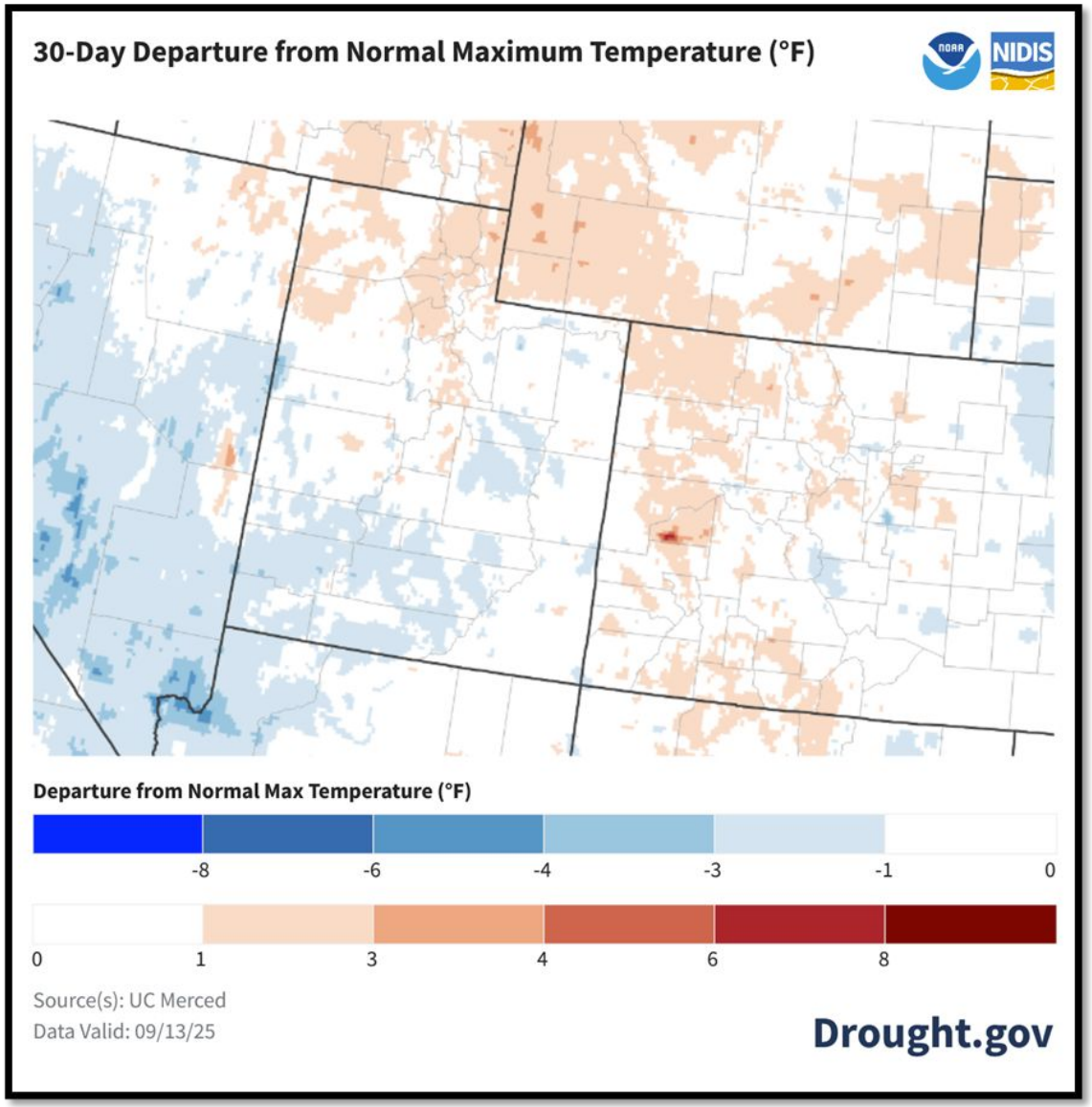






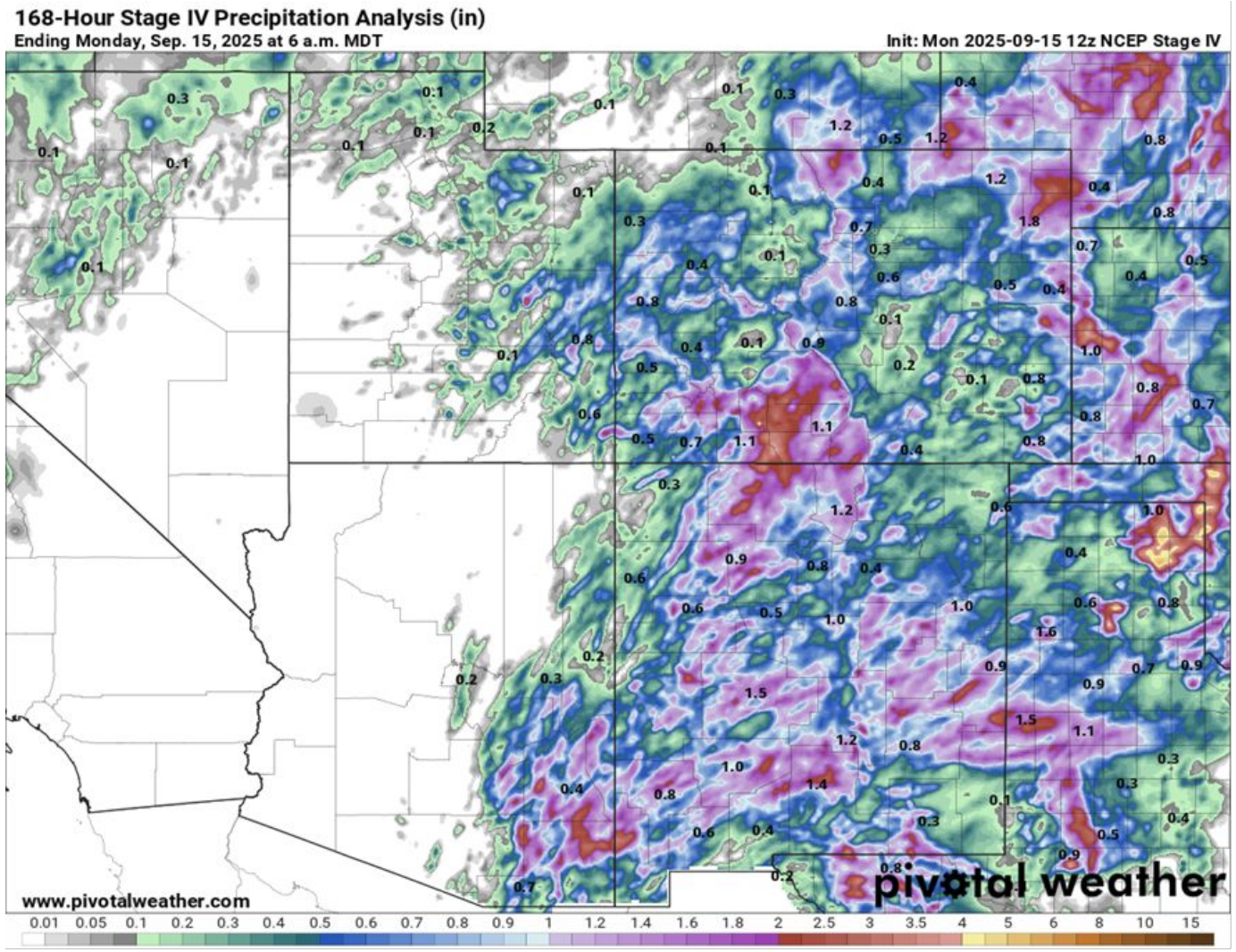
Agency - Utah Climate Center
Presenter - Jon Meyer

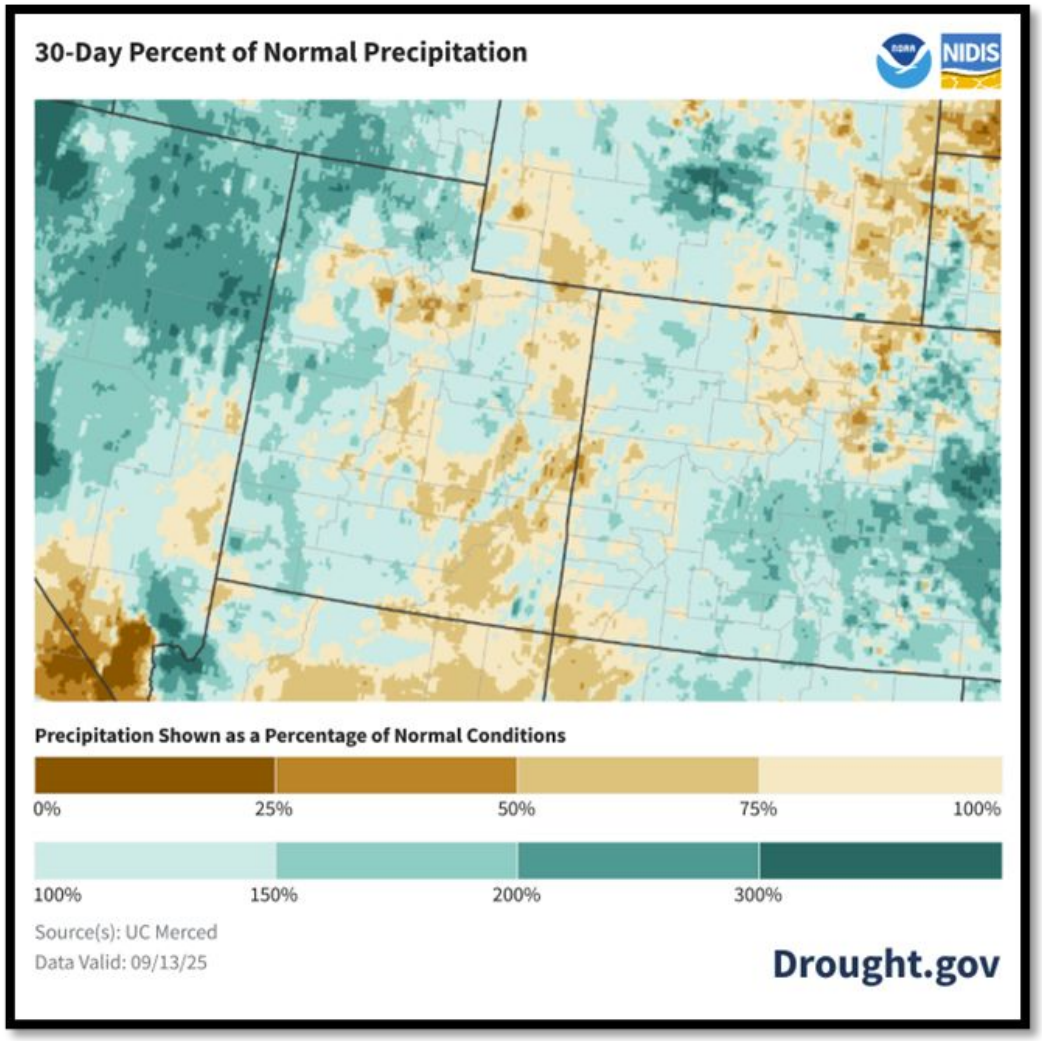
Temperature Summary



Agency - Utah Climate Center
Presenter - Jon Meyer

Precipitation Summary





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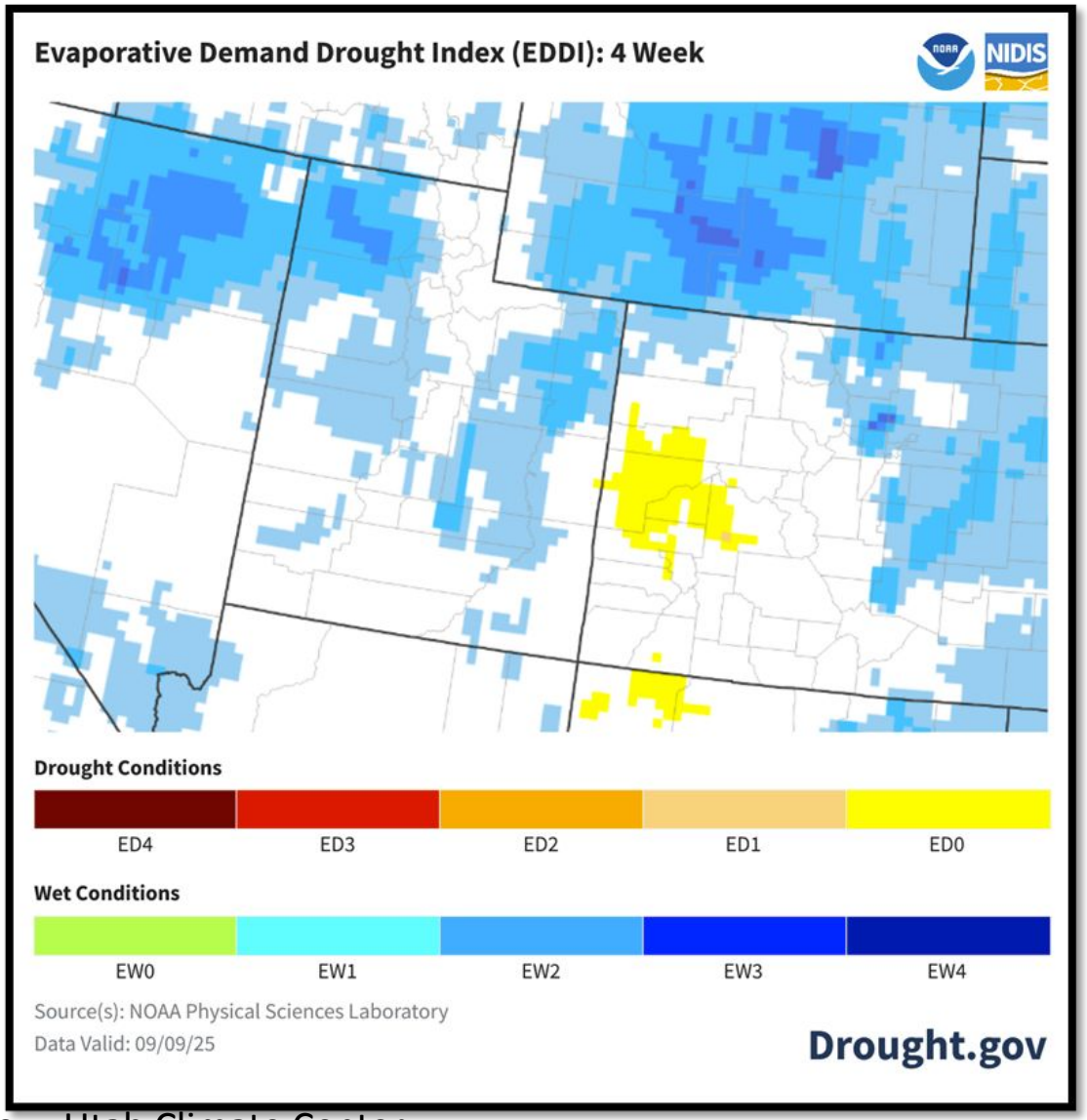
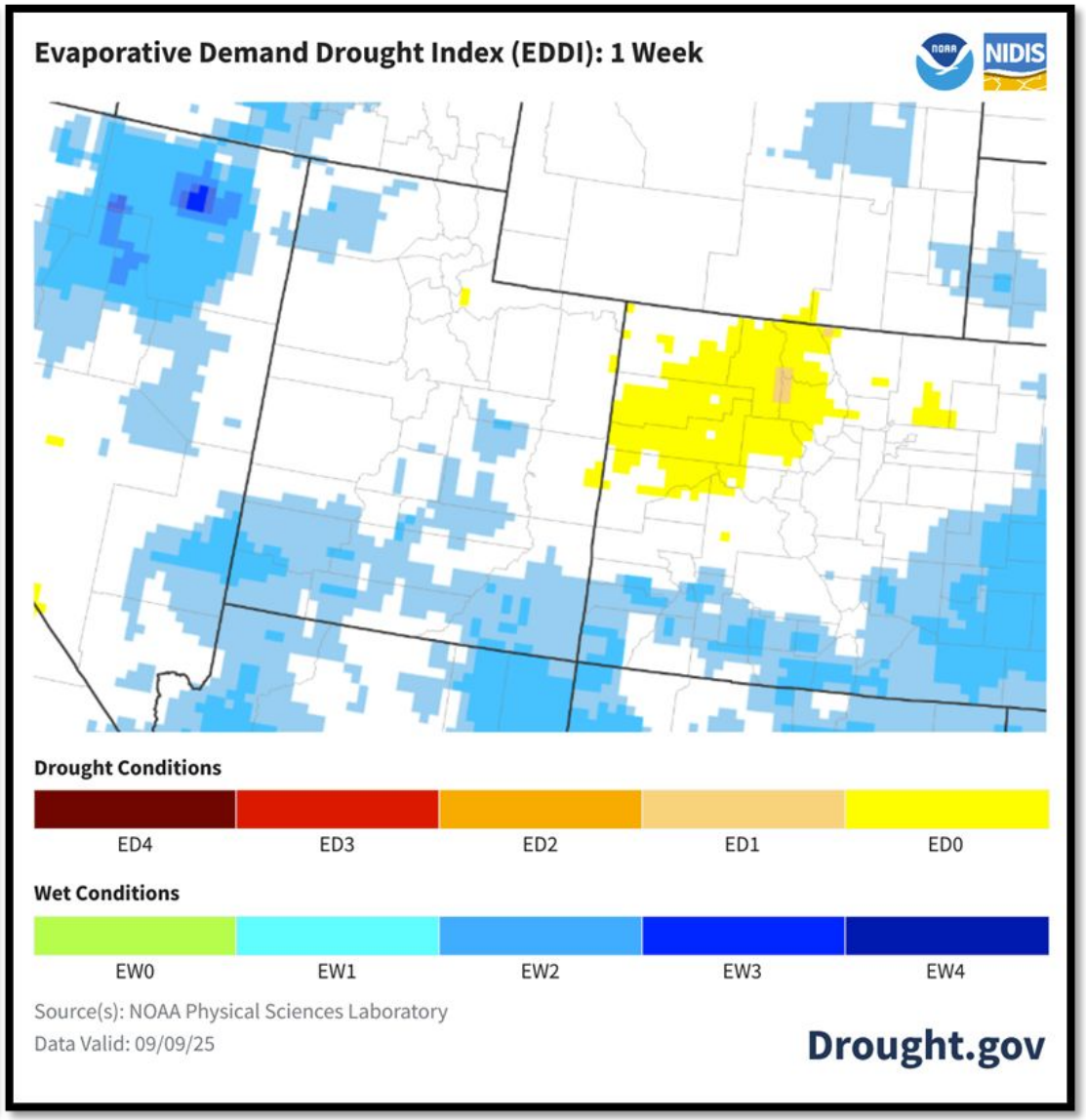
Presenter - Jon Meyer

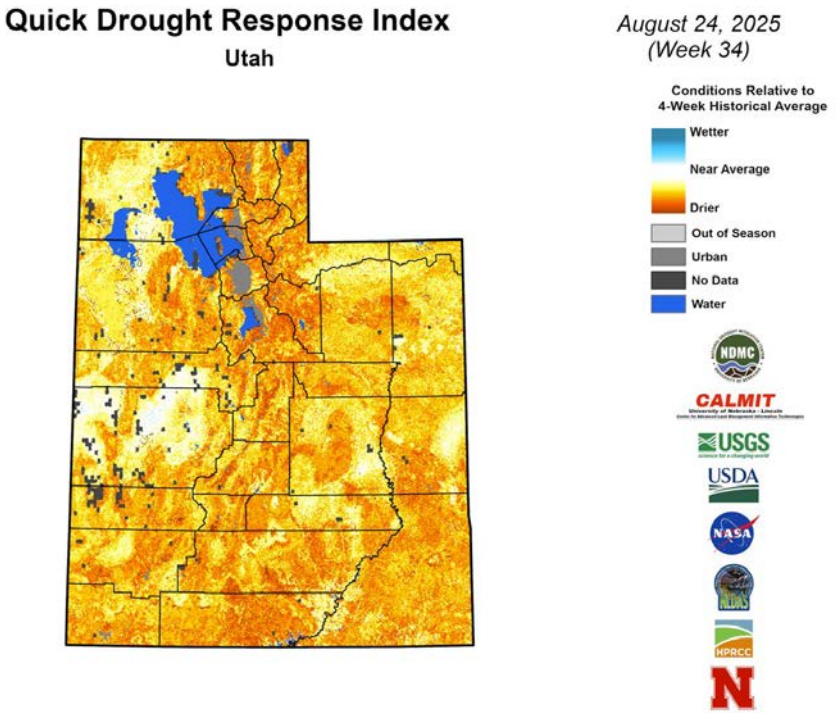
Recent Evaporative Demand

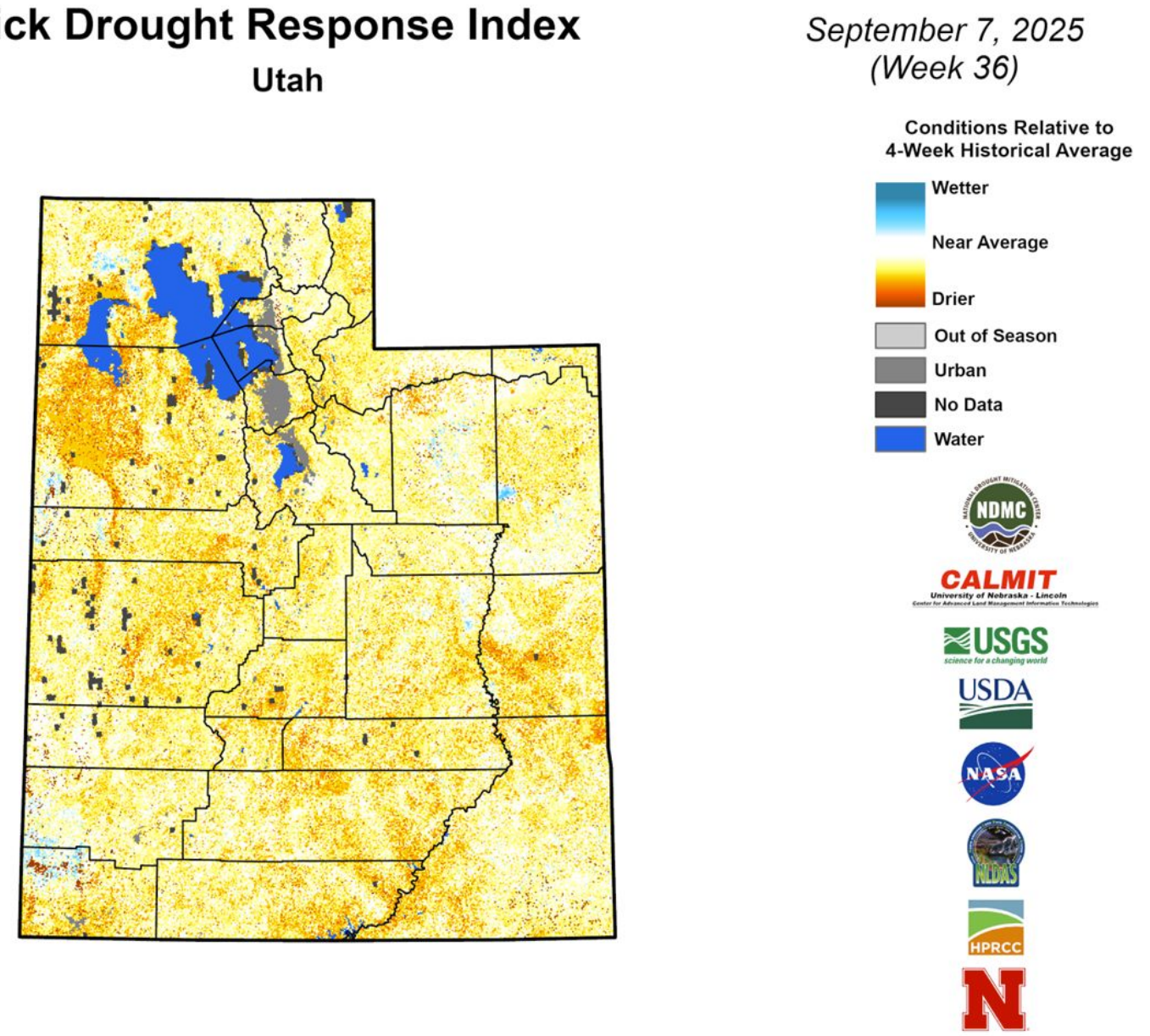




Agency - Utah Climate Center
Presenter - Jon Meyer

Short-Term Drought Pressure





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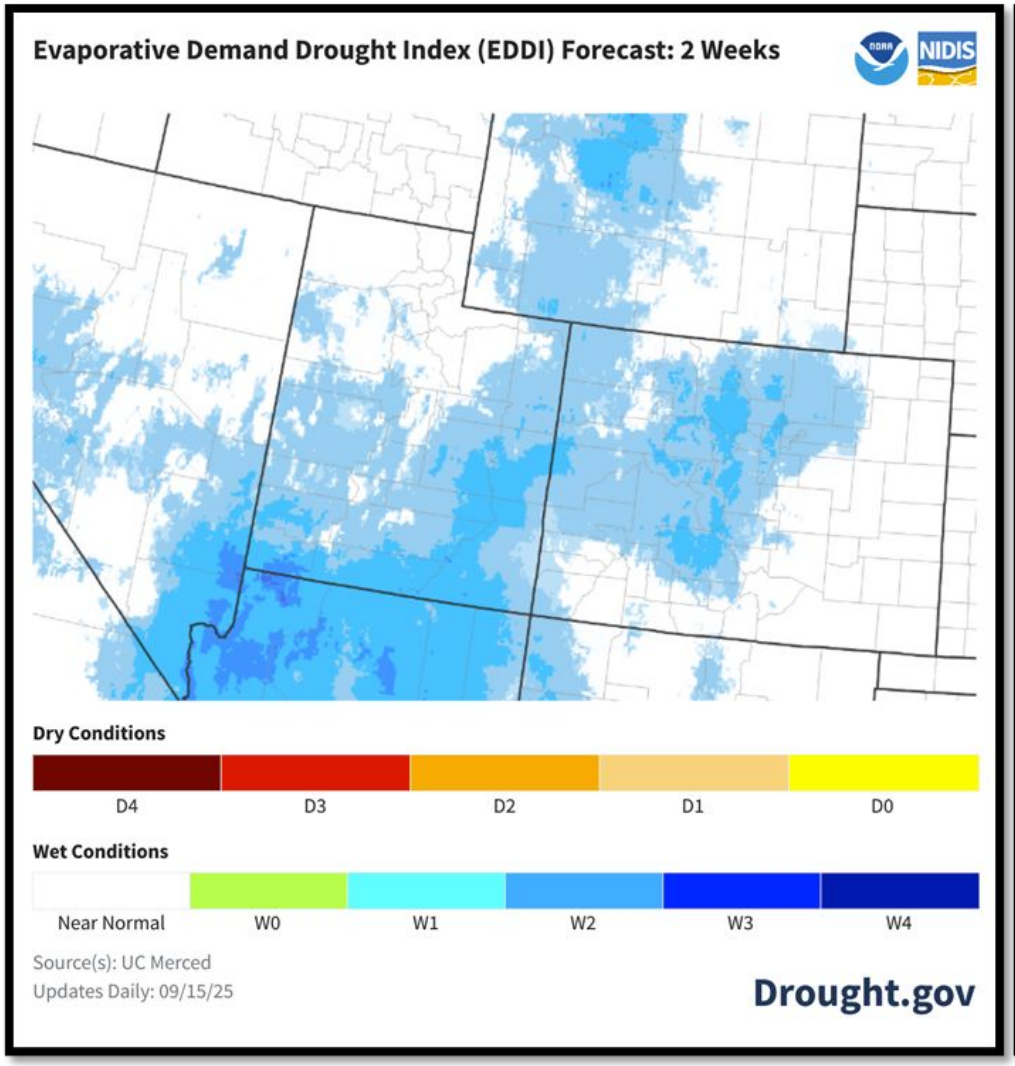
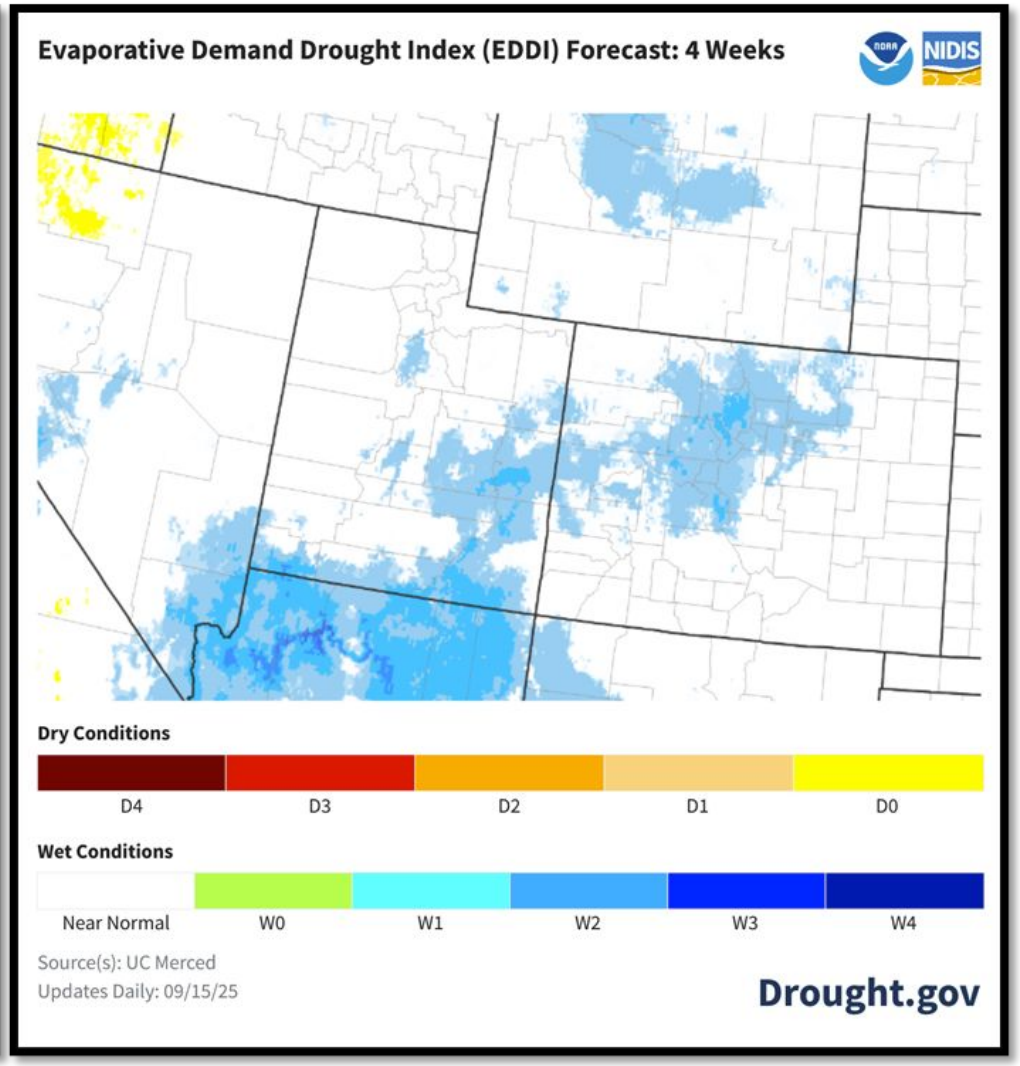
Presenter - Jon Meyer

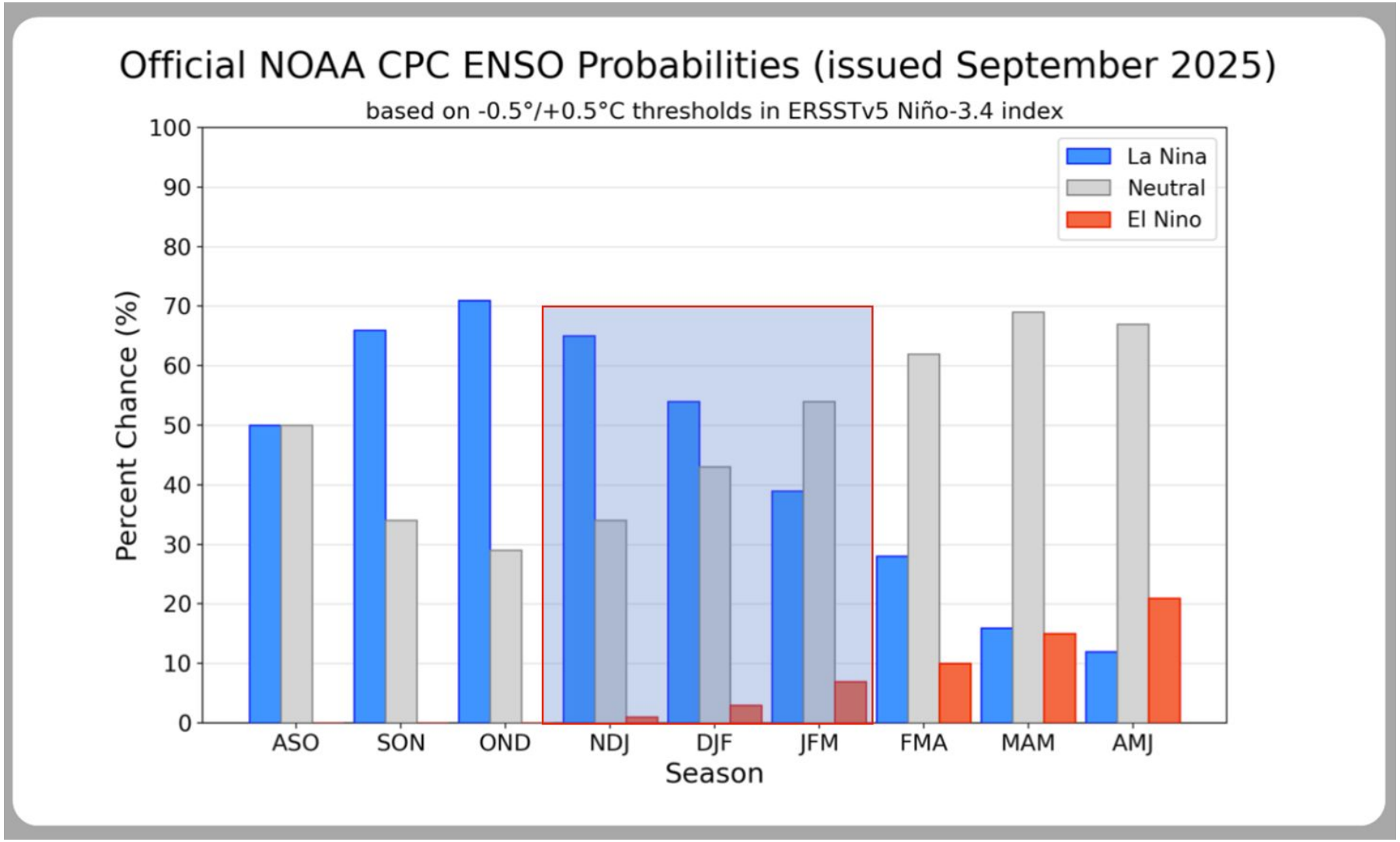
Forecast Evaporative Demand





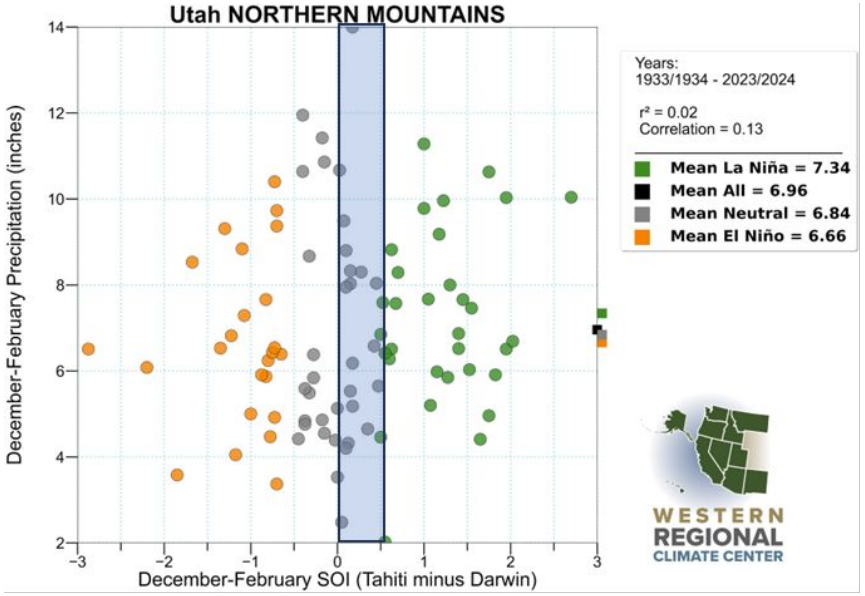
Agency - Utah Climate Center
Presenter - Jon Meyer

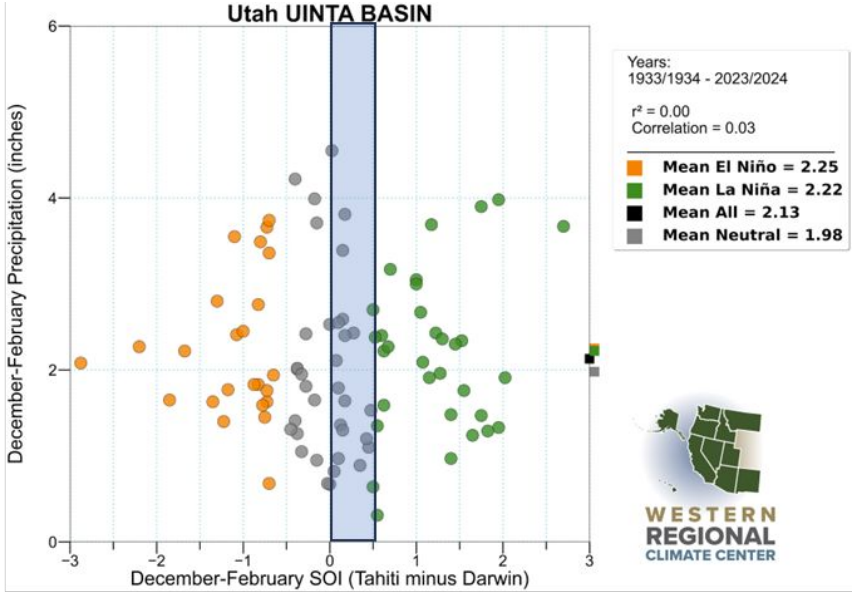
ENSO outlook update

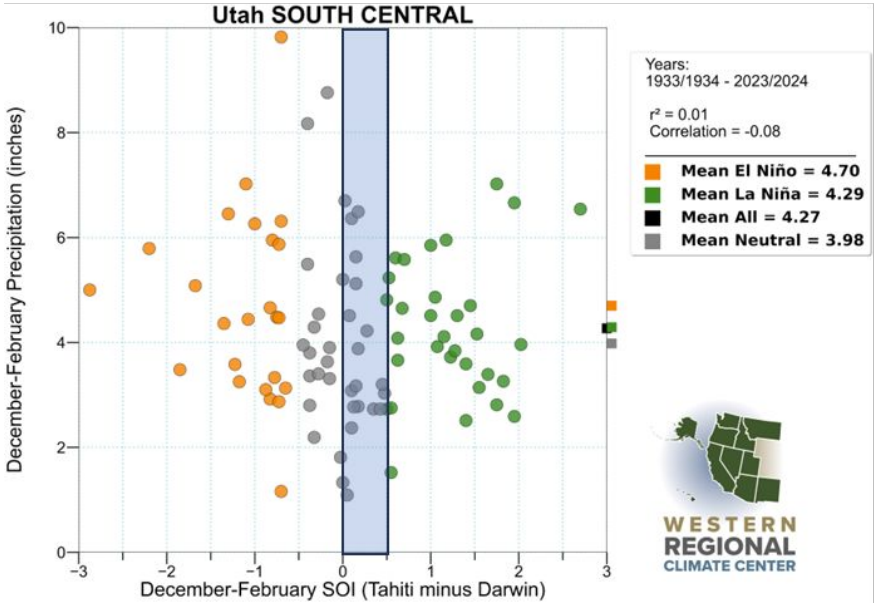


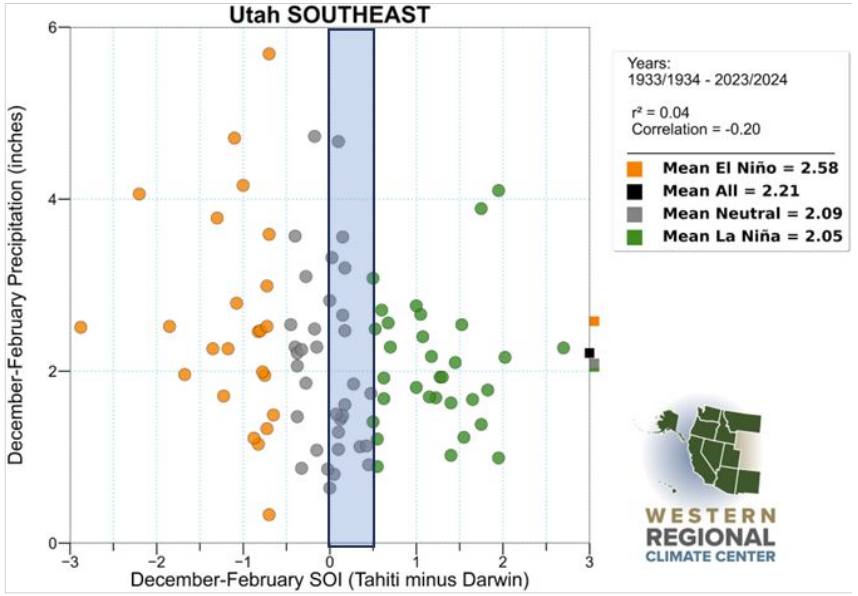
Agency - Utah Climate Center
Presenter - Jon Meyer

Historical Wintertime response to expected 2025-26 ENSO pattern









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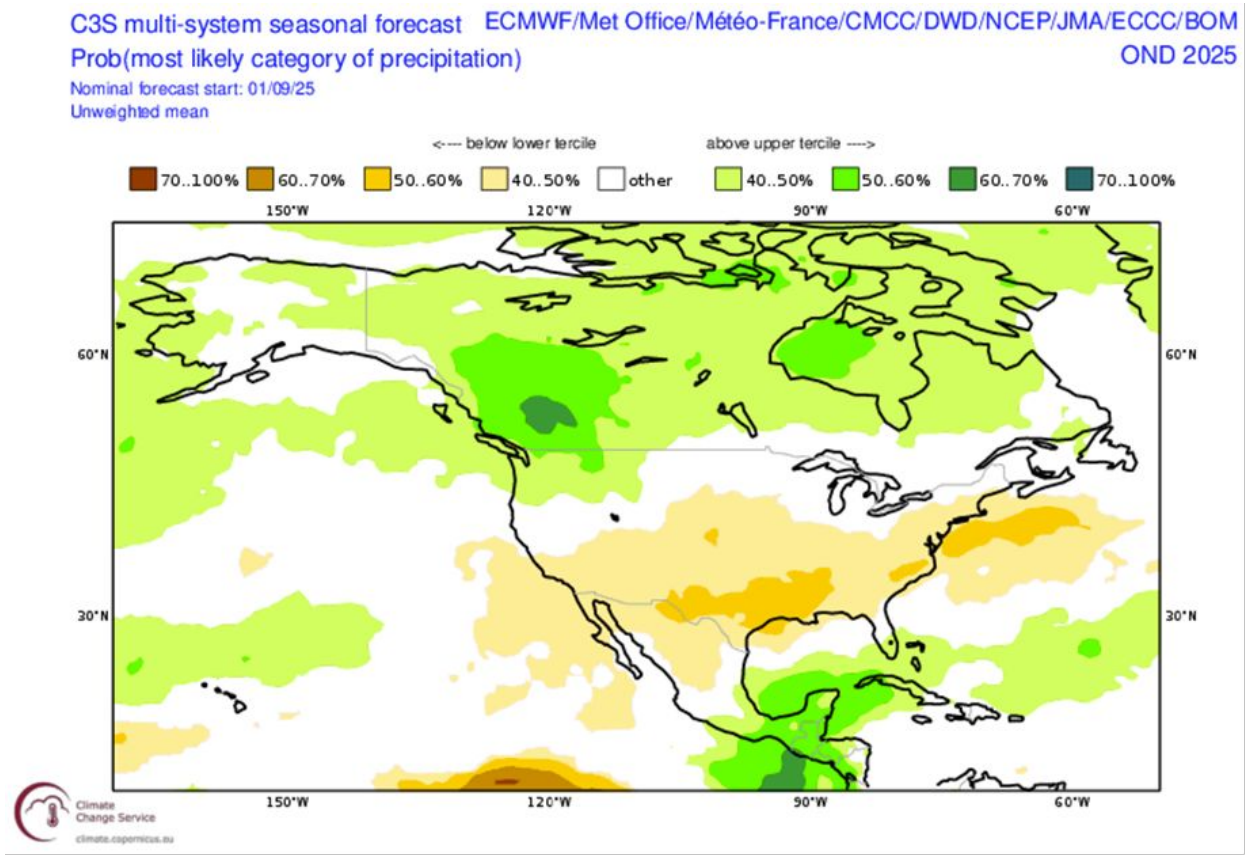
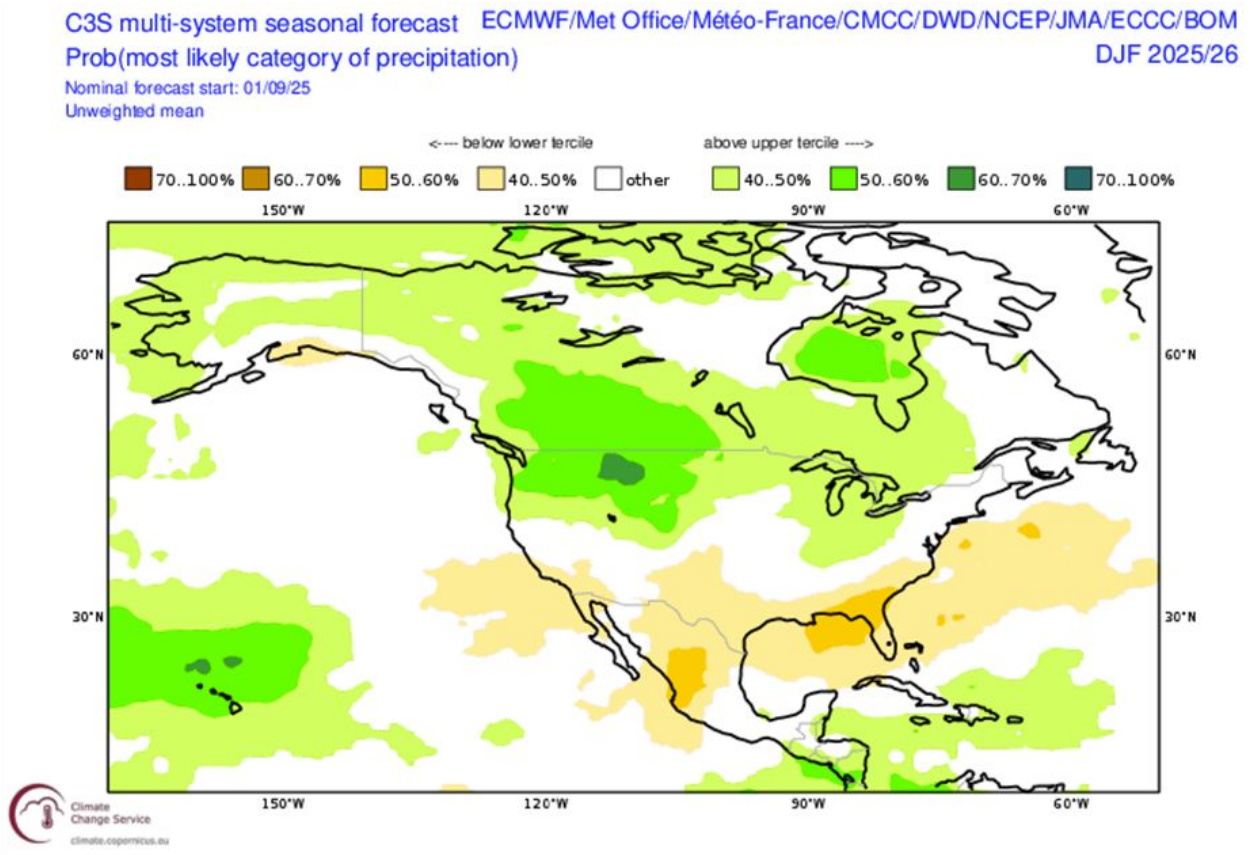
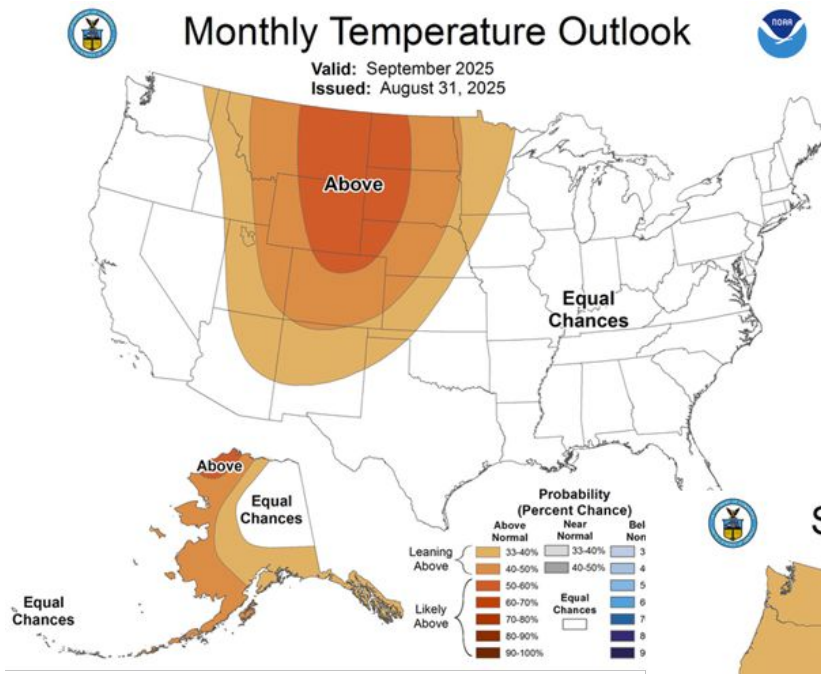
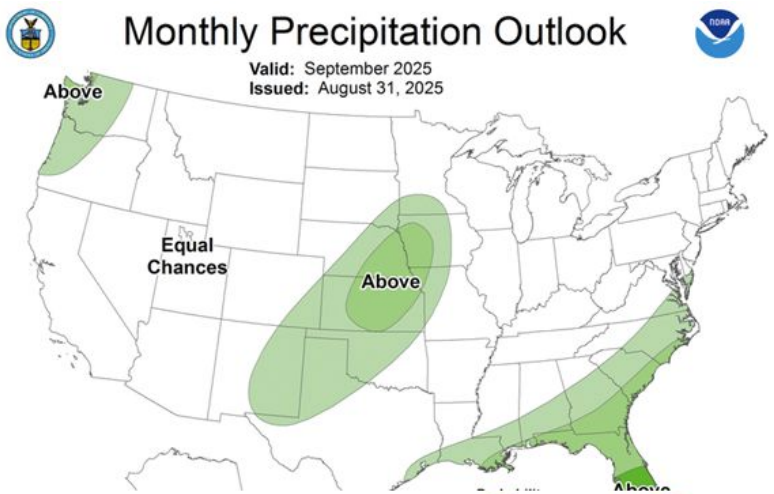


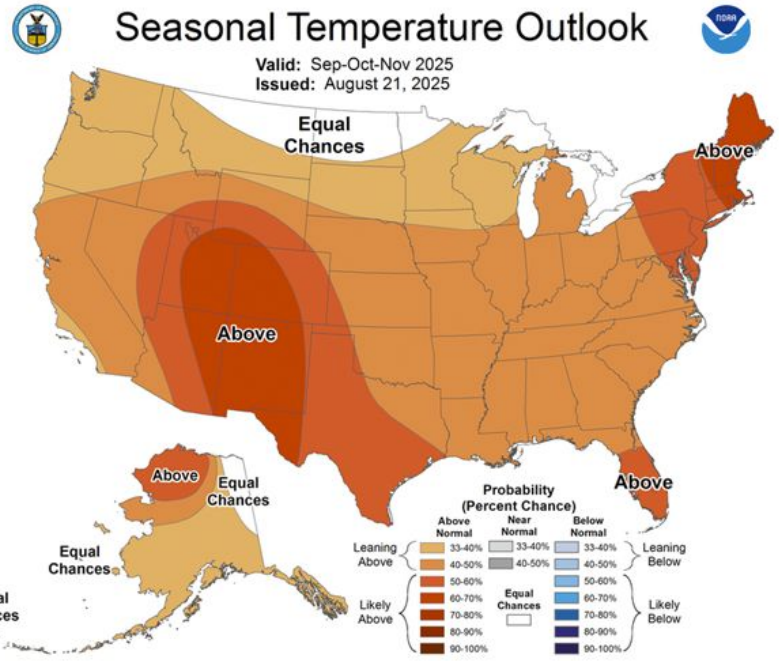


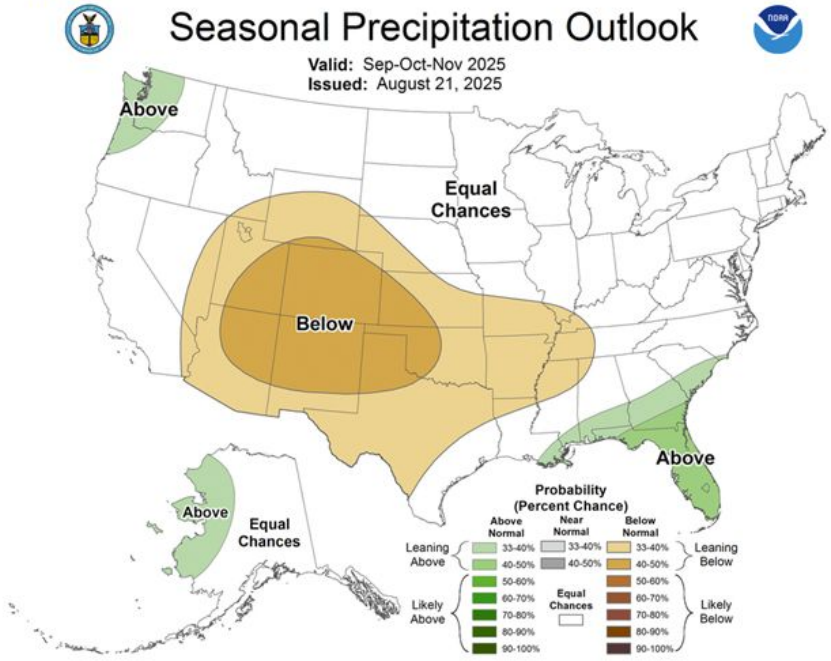
Agency - Utah Climate Center
Presenter - Jon Meyer

CPC Outlook



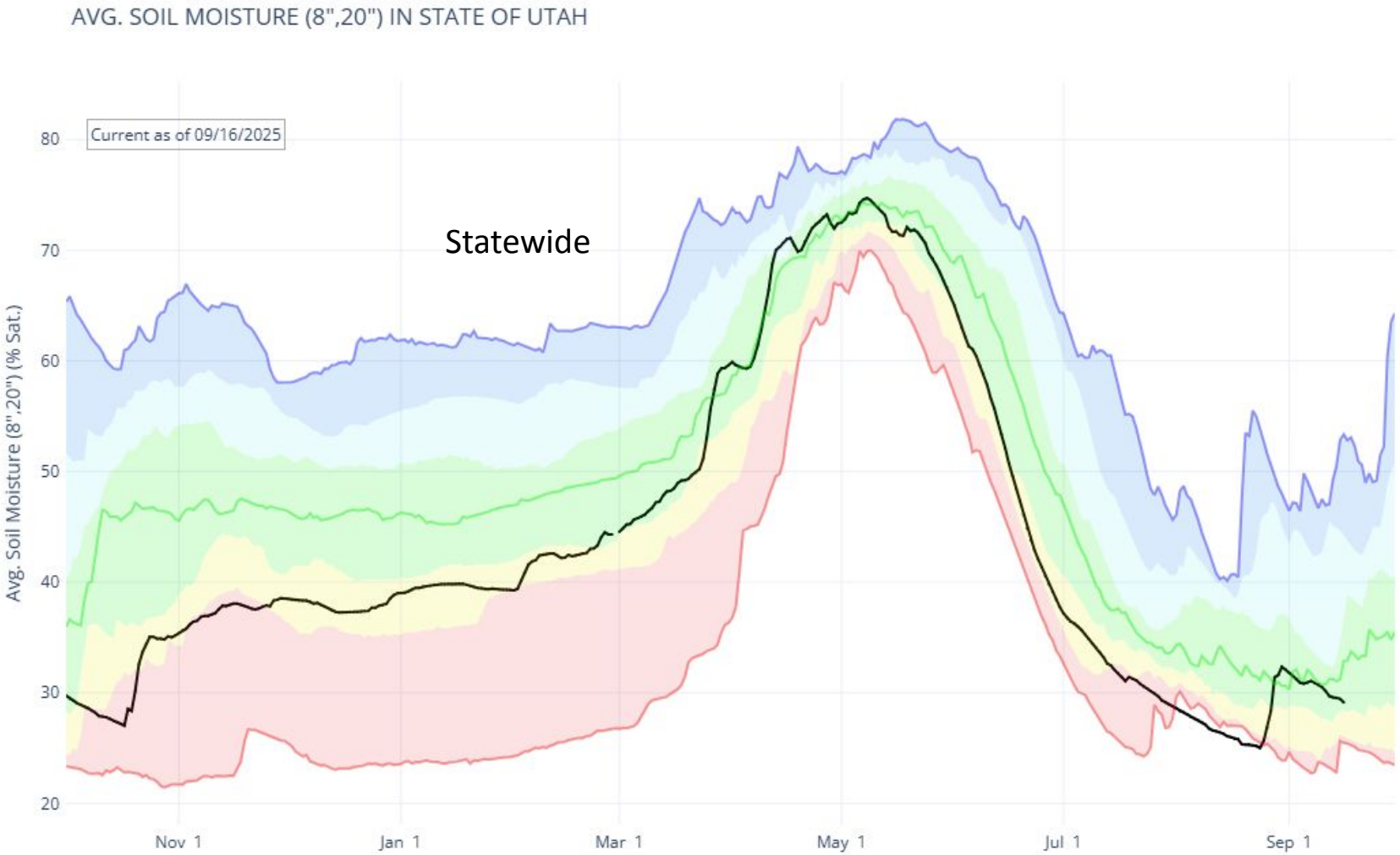


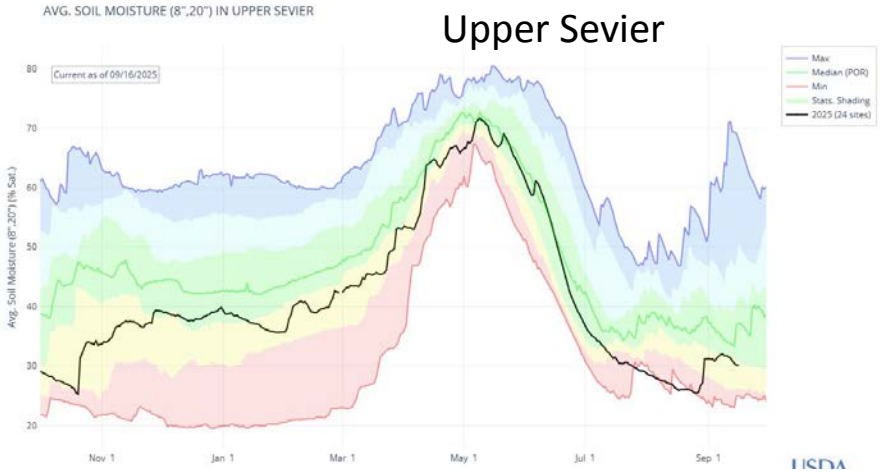


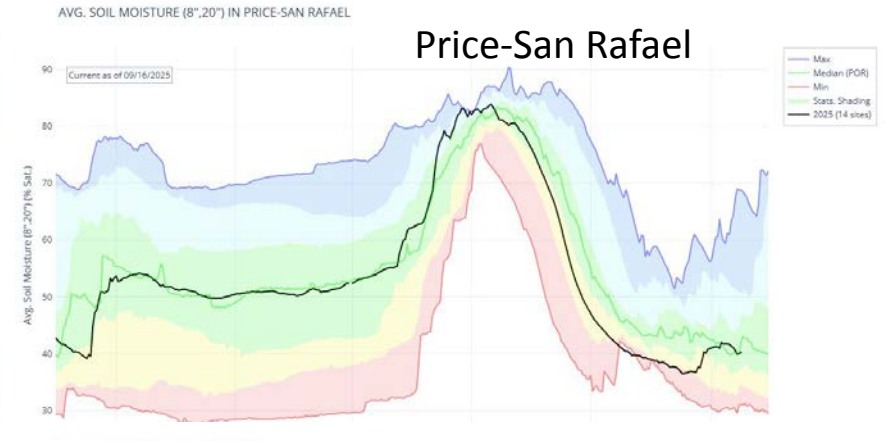


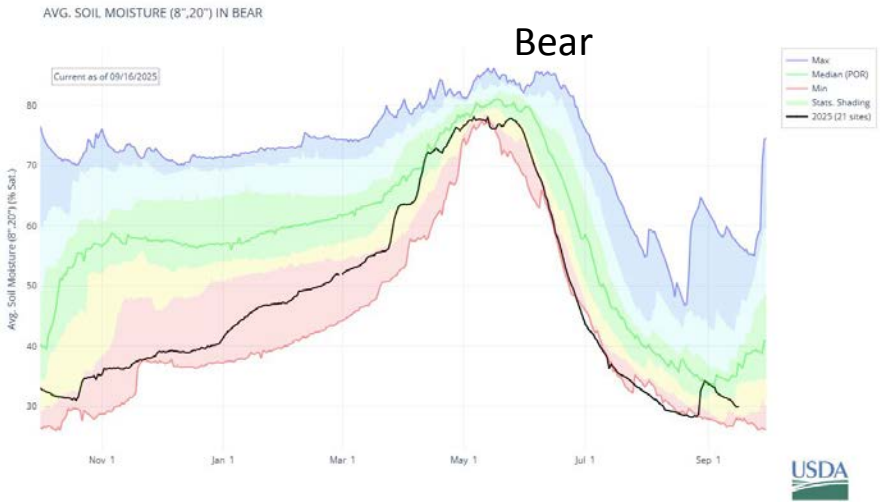
Agency - Utah Climate Center
Presenter - Jon Meyer

Soil Moisture



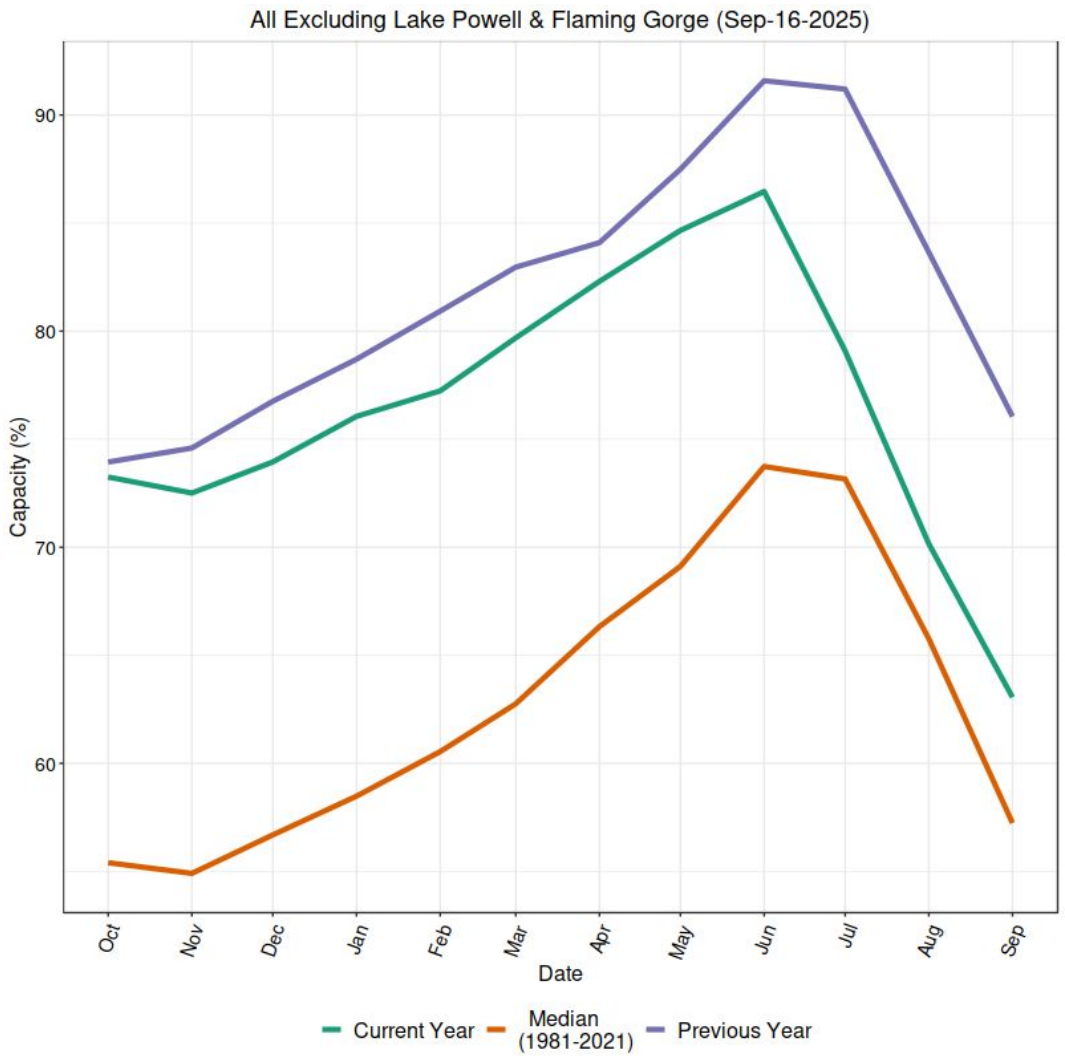


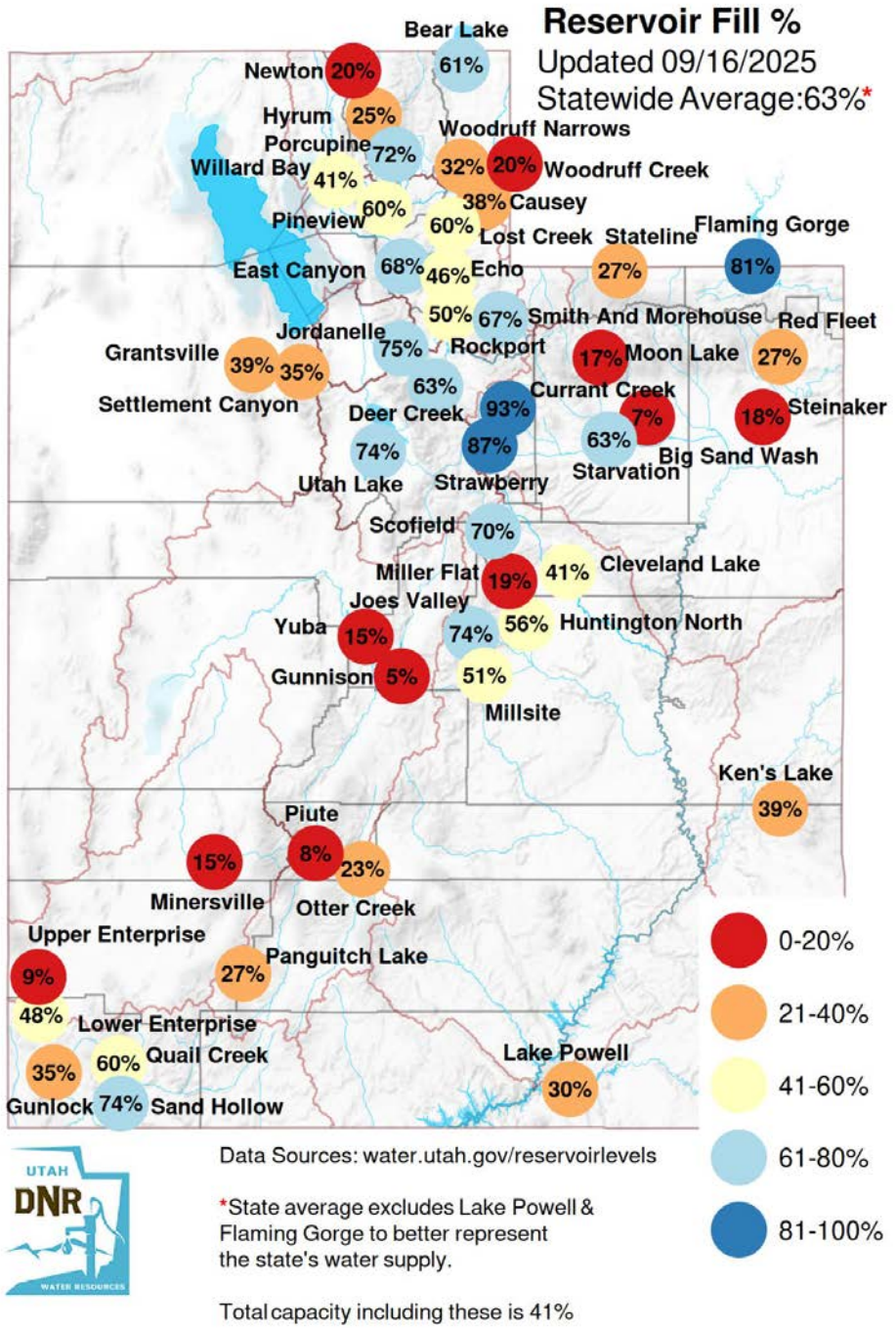




Agency - NRCS Snow Survey
Presenter - Jordan Clayton

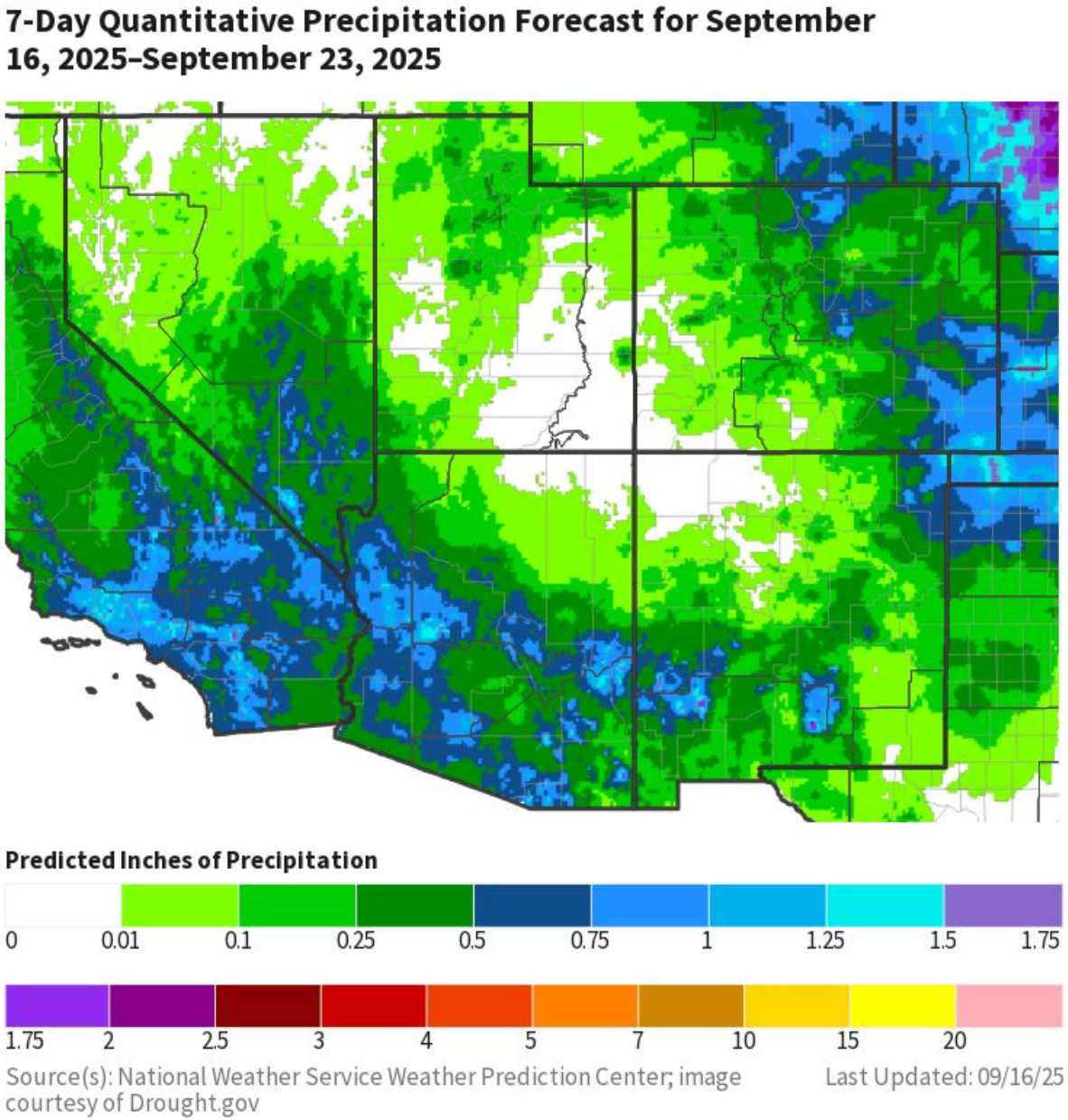
<u>Also</u>: Water Reports resuming in October, will be adding 12 new reservoirs to updates



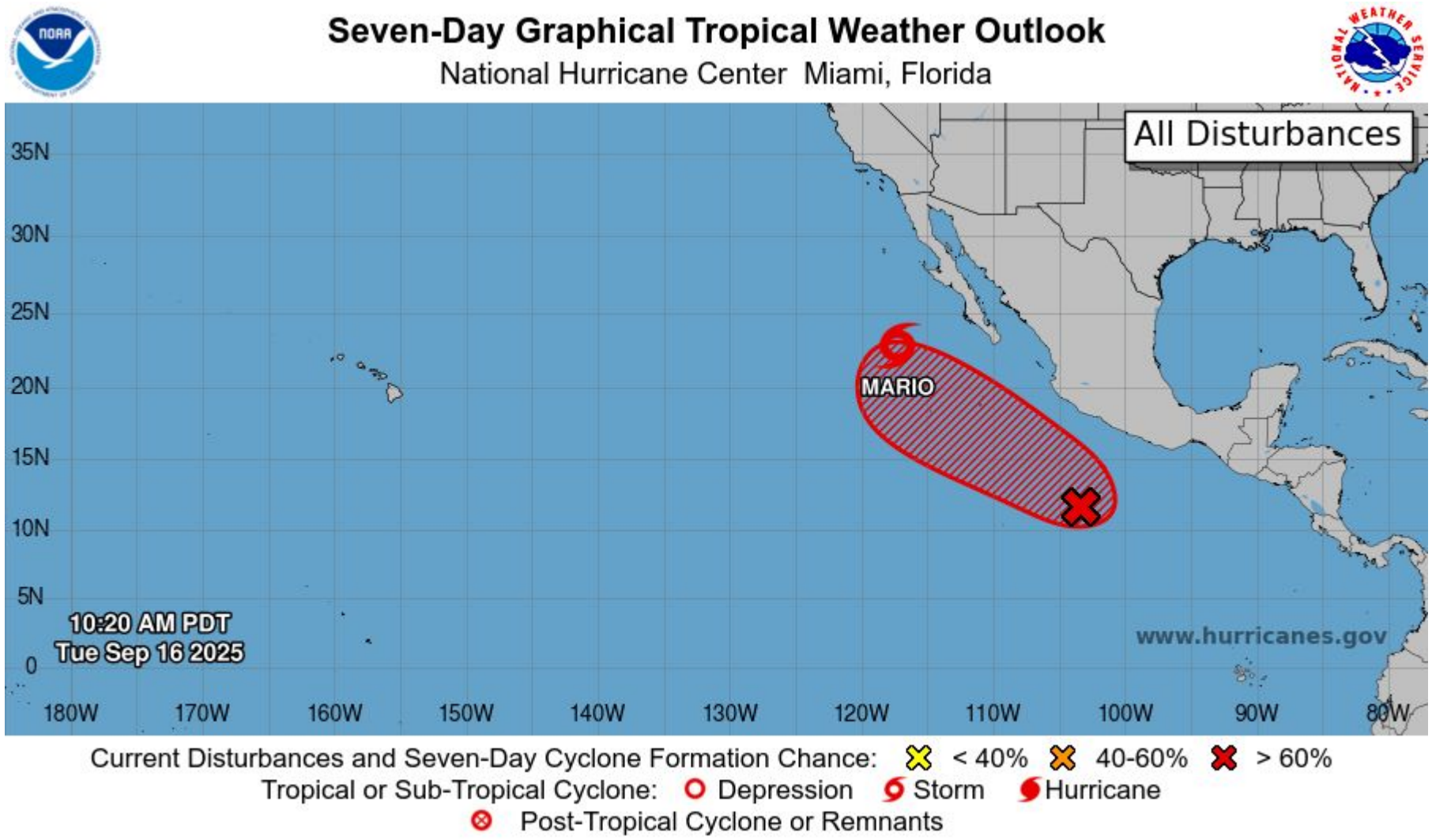


Agency - Division of Water Resources
Presenter - Laura Haskell

Weather Forecast Office Utah Day 1-7 Outlook

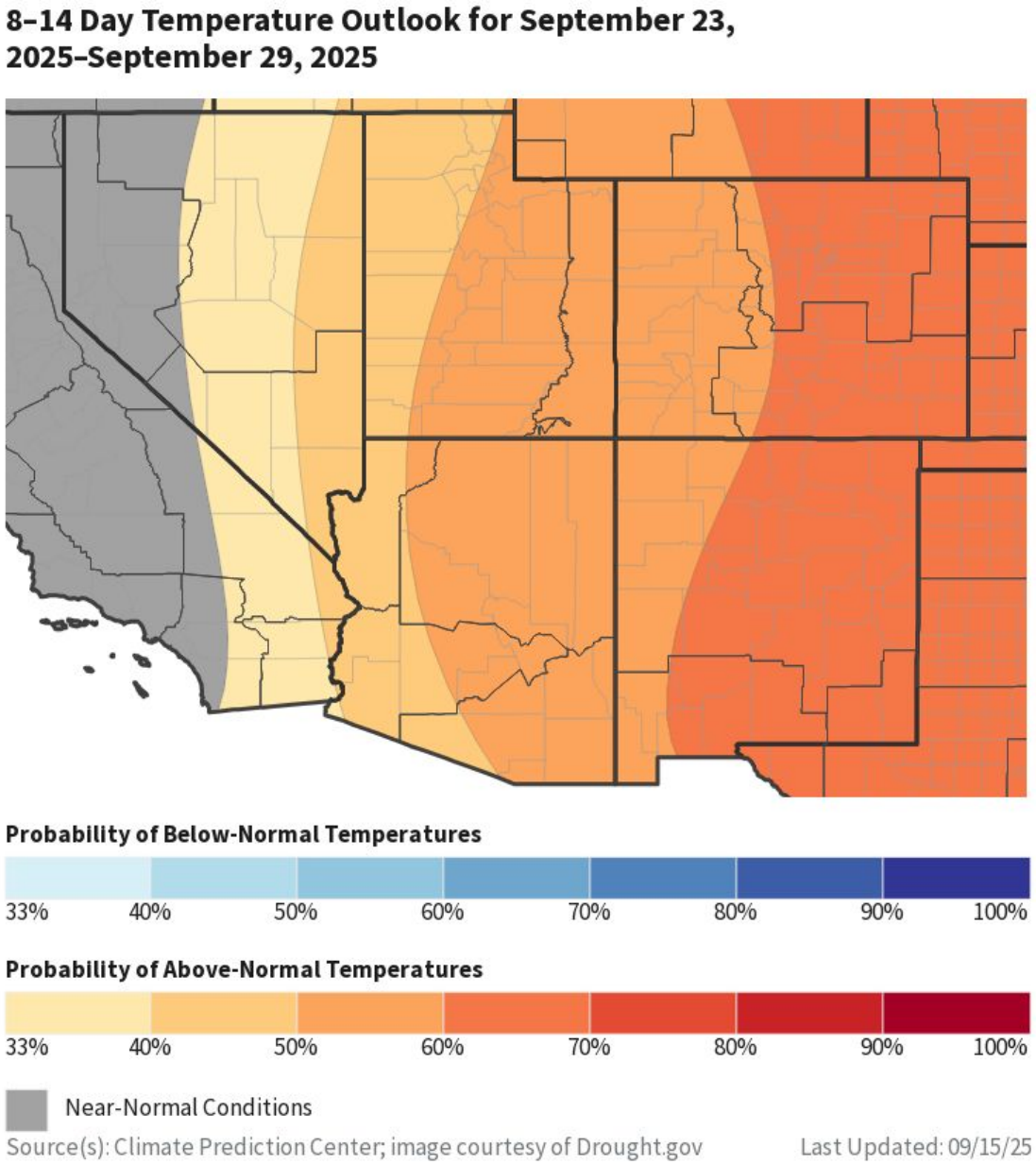


Tropical Cyclone Outlook

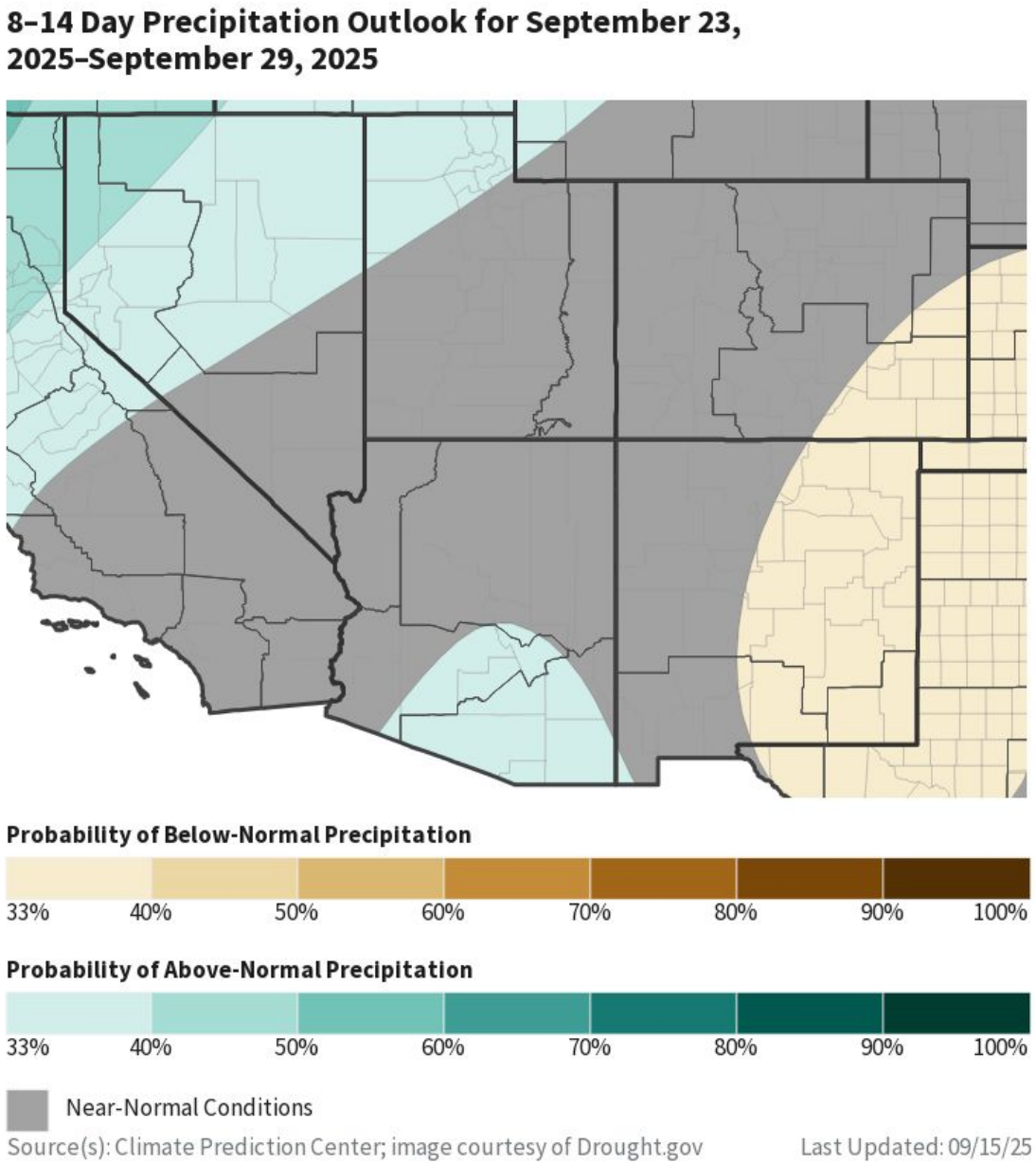


Agency - National Weather Service Weather Forecast Office
Presenter - Christine Kruse

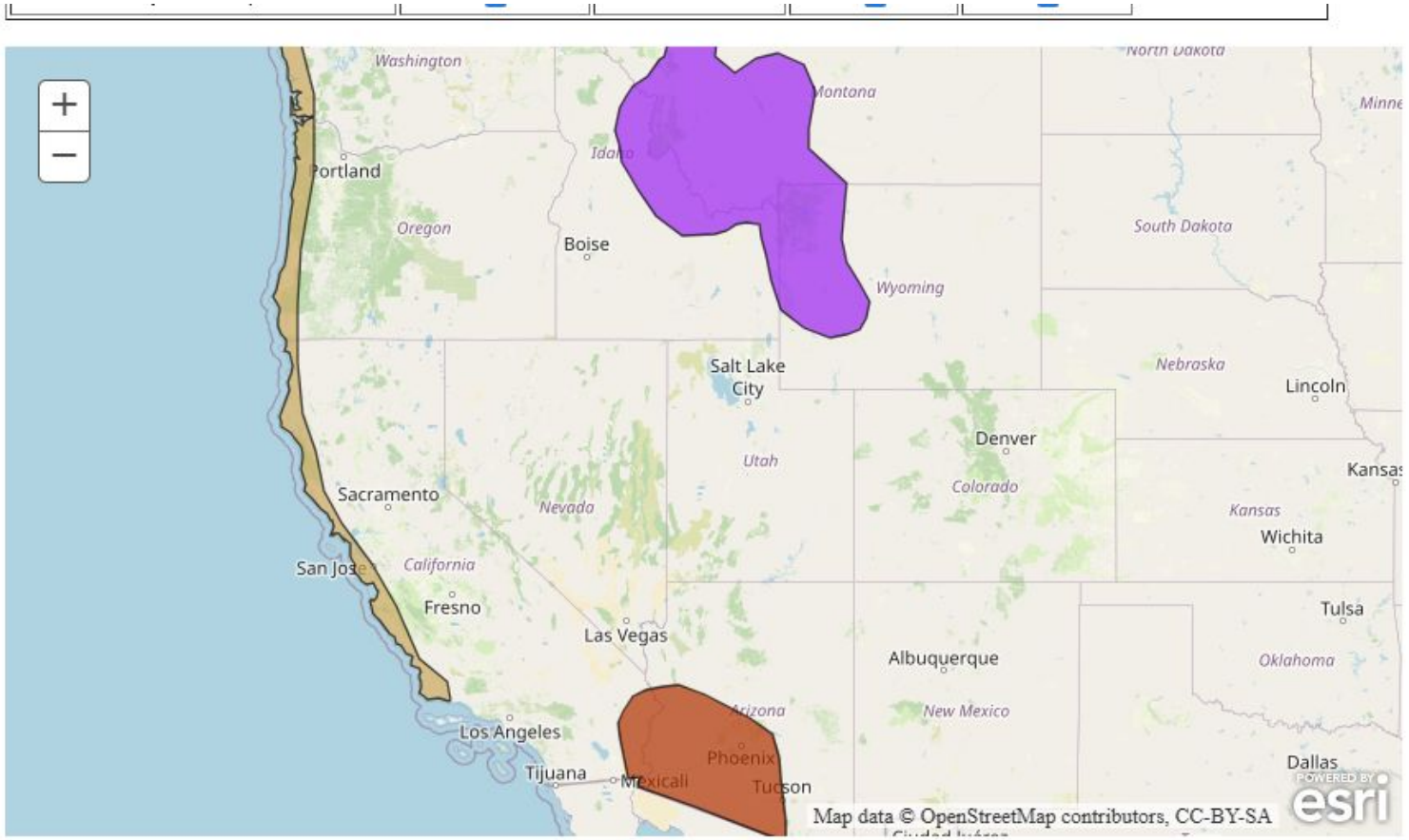
Climate Prediction Center 8 to 14 Day Outlooks - Temperature



Climate Prediction Center 8 to 14 Day Outlooks - Precipitation



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



Extreme Heat
- High Risk
- Moderate Risk
- Slight Risk

Much Above Normal Temperatures
- High Risk
- Moderate Risk
- Slight Risk

Heavy Precipitation
- High Risk
- Moderate Risk
- Slight Risk

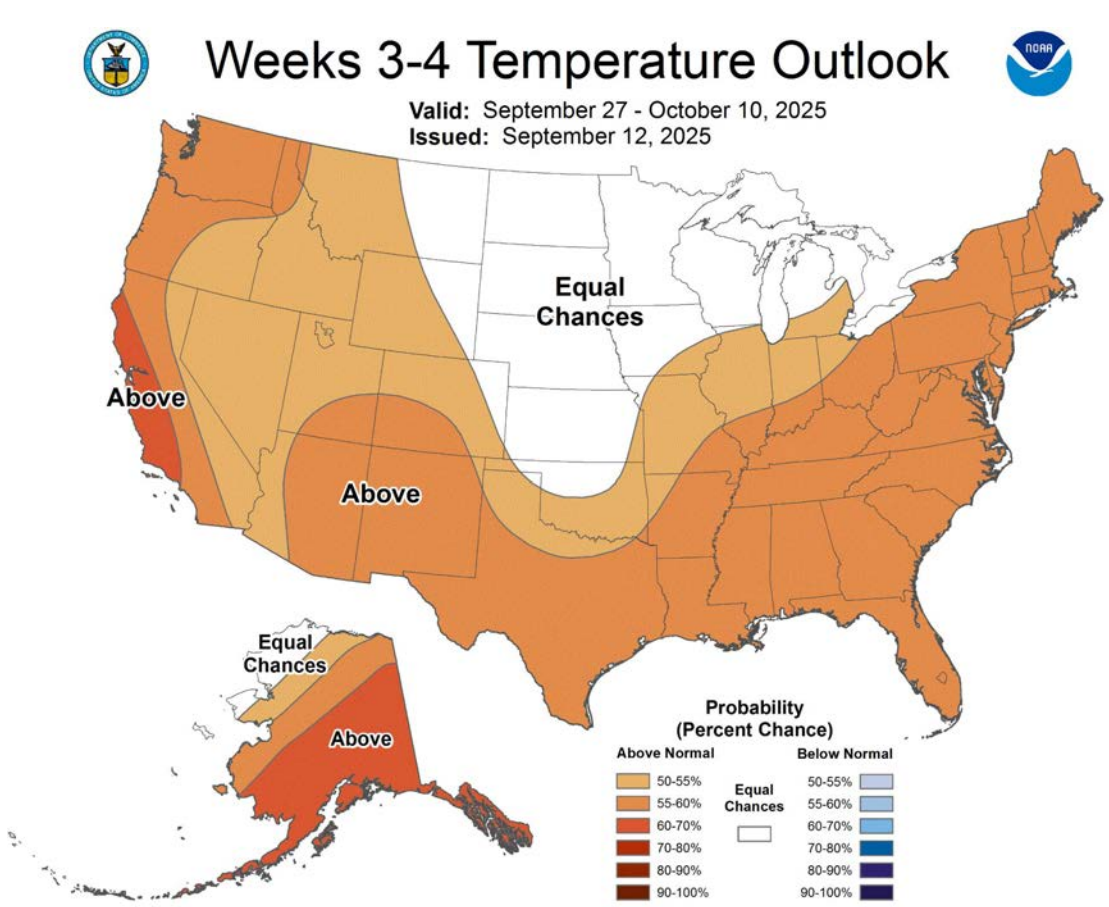
Composite
- Flooding Possible
- Rapid Onset Drought

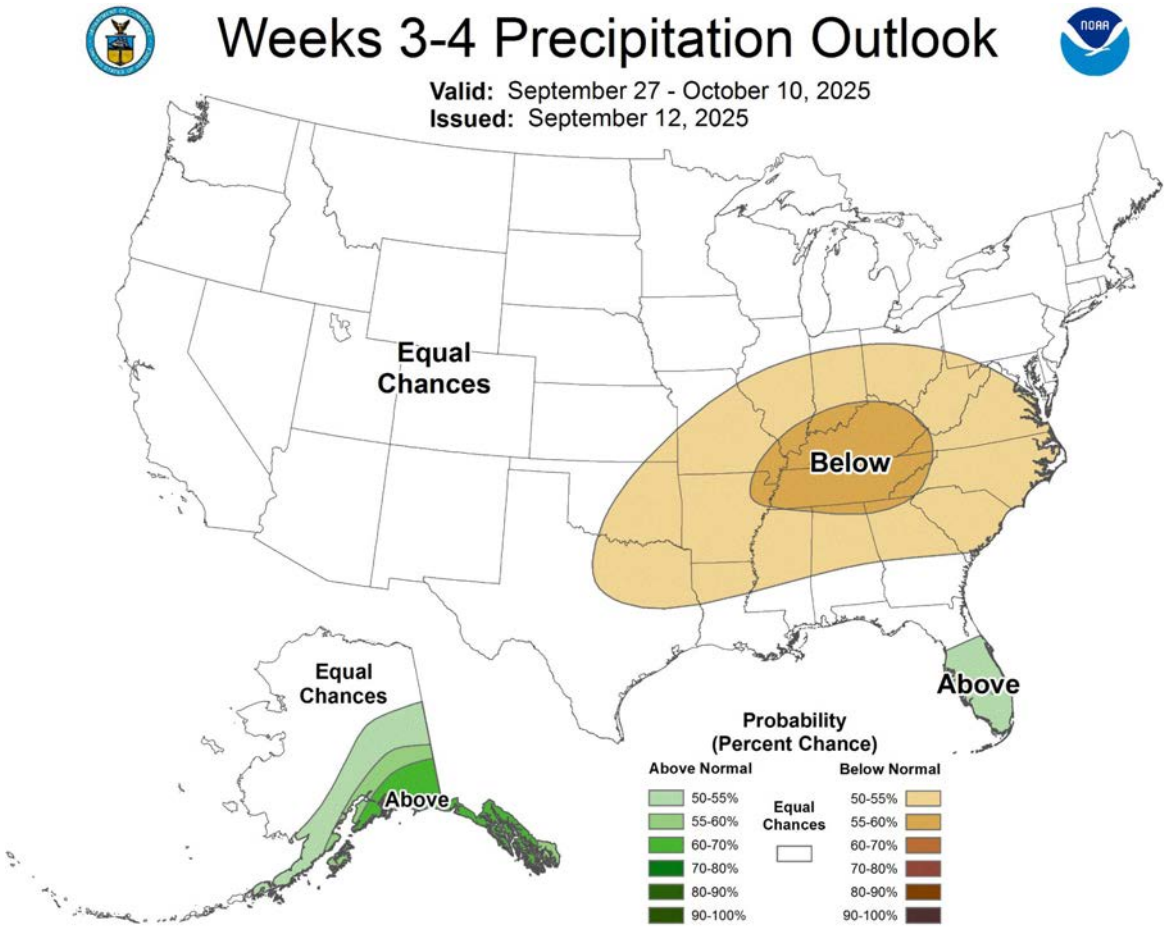
Much Below Normal Temperatures
- High Risk
- Moderate Risk
- Slight Risk

High Winds
- Moderate Risk
- Slight Risk

Heavy Snow
- High Risk
- Moderate Risk
- Slight Risk

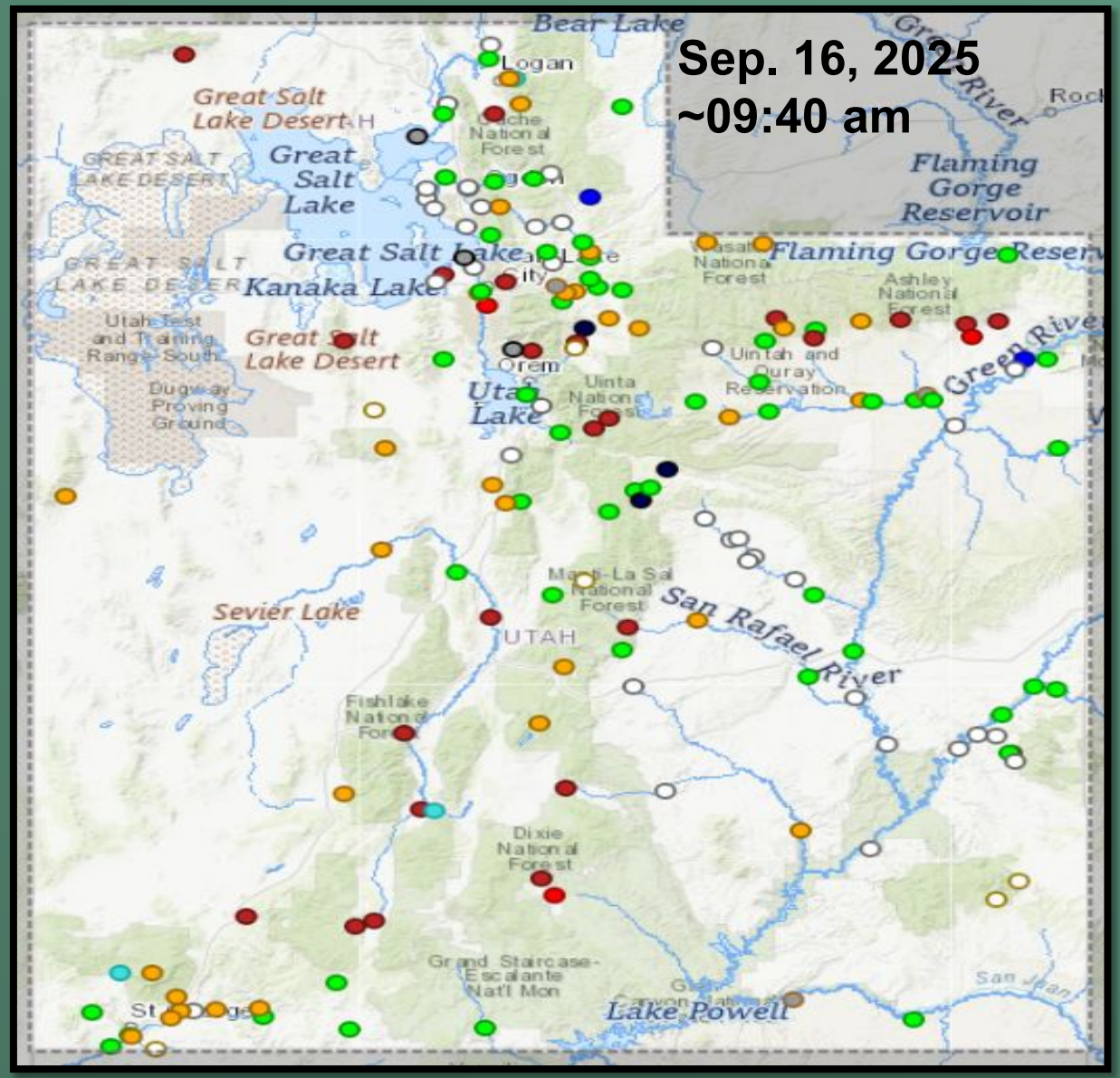
Climate Prediction Center U.S. Week-3 to 4 Week Outlook





Agency - National Weather Service Weather Forecast Office
Presenter -

Current Streamflow Conditions



Day-of-Year Status	Sep. 2	Sep. 16
All-time high for this day-of-year	0.0%	2.4%
Much above normal for this day-of-year	2.4%	1.2%
Above normal for this day-of-year	2.4%	1.8%
Normal for this day-of-year	31.0%	30.4%
Below normal for this day-of-year	21.4%	19.6%
Much below normal for this day-of-year	13.7%	14.3%
All-time low for this day-of-year	1.2%	1.8%
Not ranked - insufficient record	22.6%	22.0%
Not ranked - no measurement	0.6%	1.2%
Not ranked - stream not flowing	3.6%	3.6%
Not ranked - no recent measurement	1.2%	1.8%

Streamflow: Status

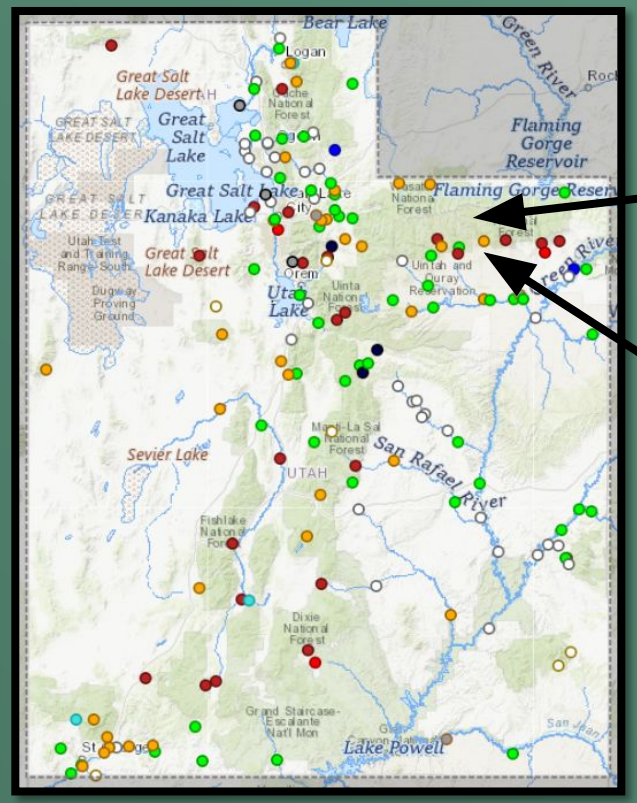
Above flood stage	
All-time high for this day	100th percentile (maximum)
Much above normal	>90th percentile
Above normal	76th – 90th percentile
Normal	25th – 75th percentile
Below normal	10th – 24th percentile
Much below normal	<10th percentile
All-time low for this day	0th percentile (minimum)
Not flowing	
Not ranked	
Measurement flag	
Recent measurement unavailable	

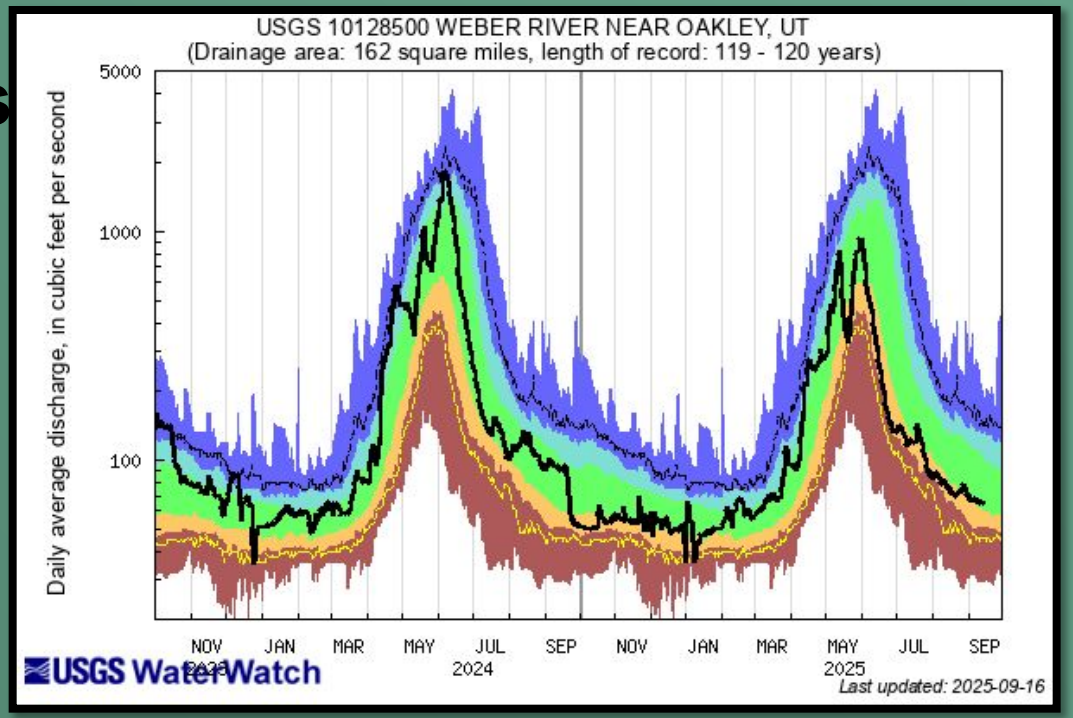
USGS National Water Dashboard

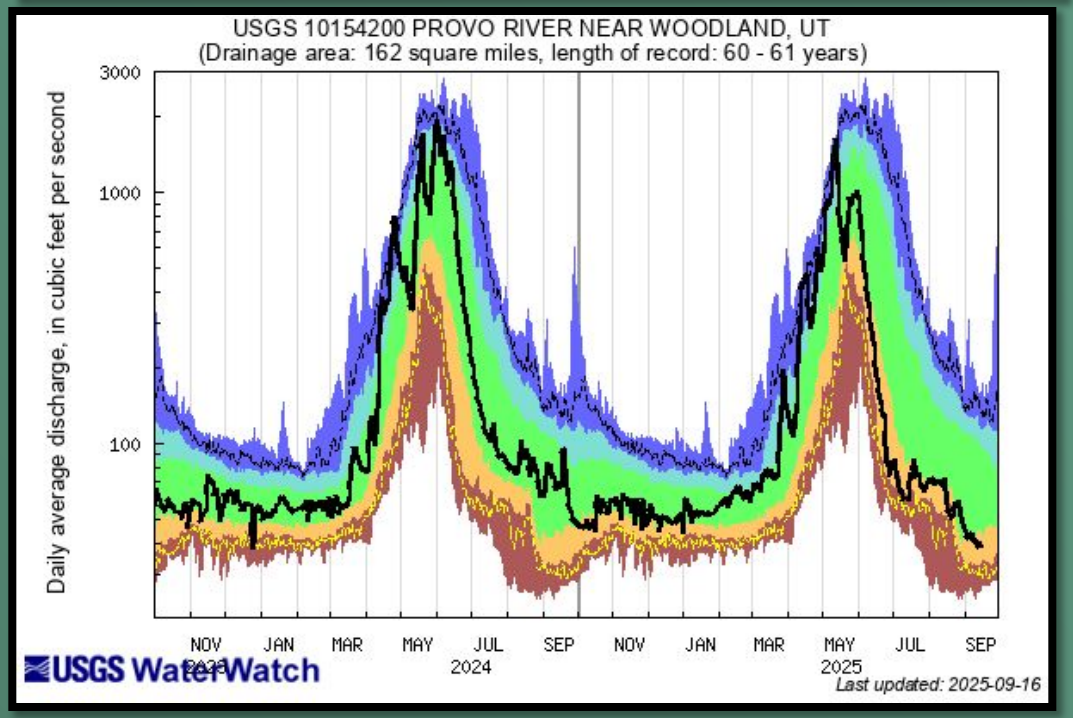
Provisional data, subject to revision

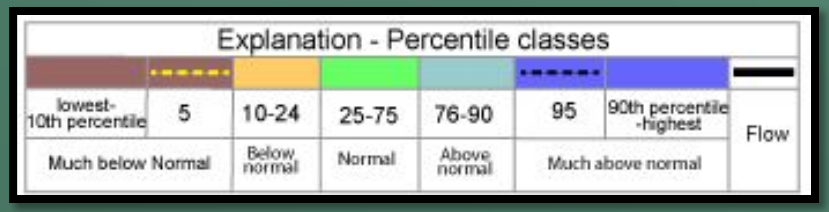
***Sites must have at least 20 years of streamflow record to be ranked.**

Streamflow at Selected Gages





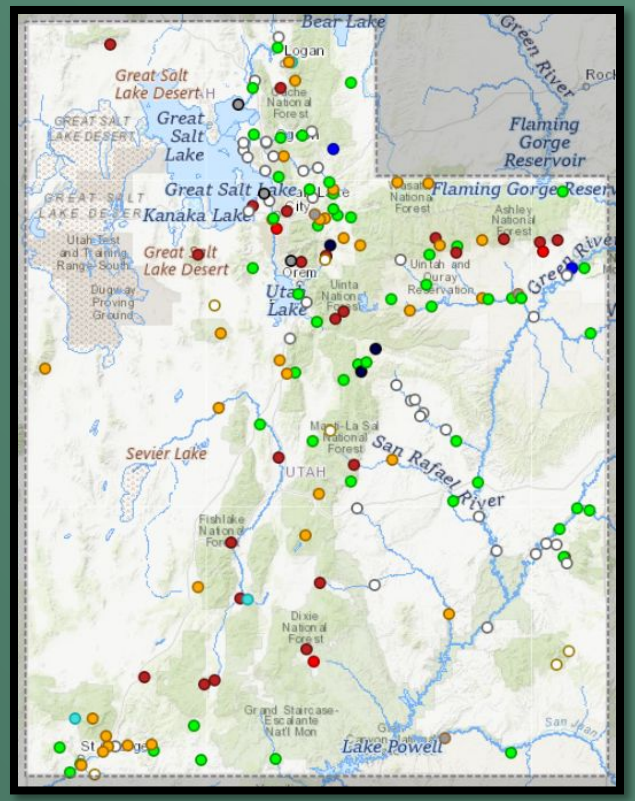




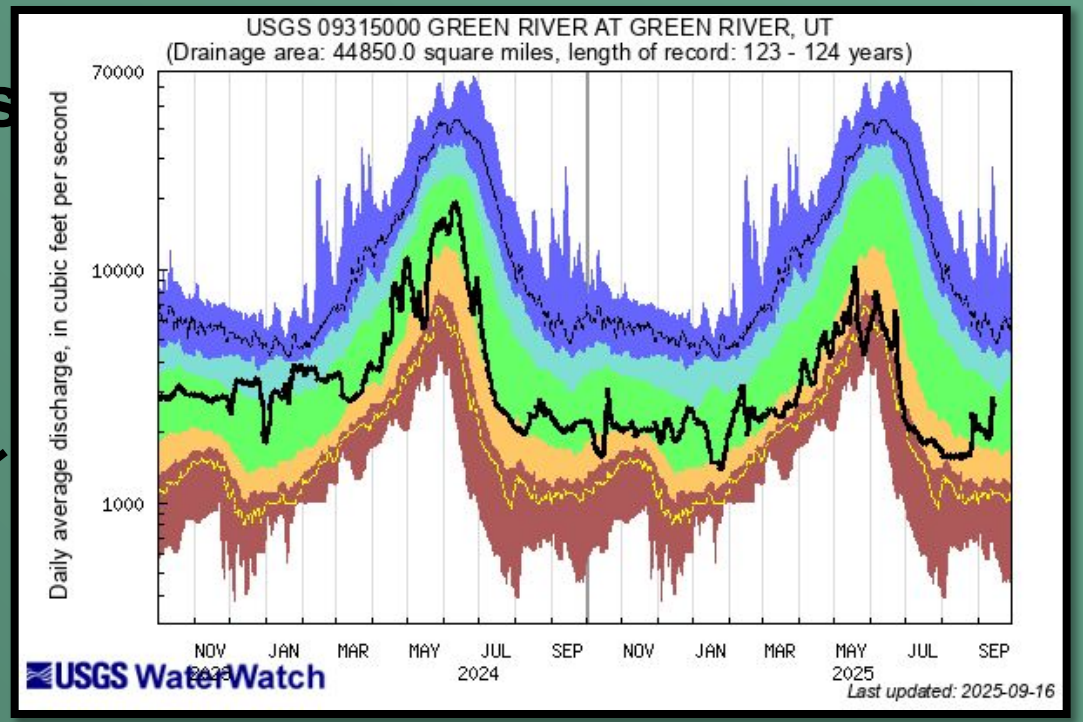
USGS

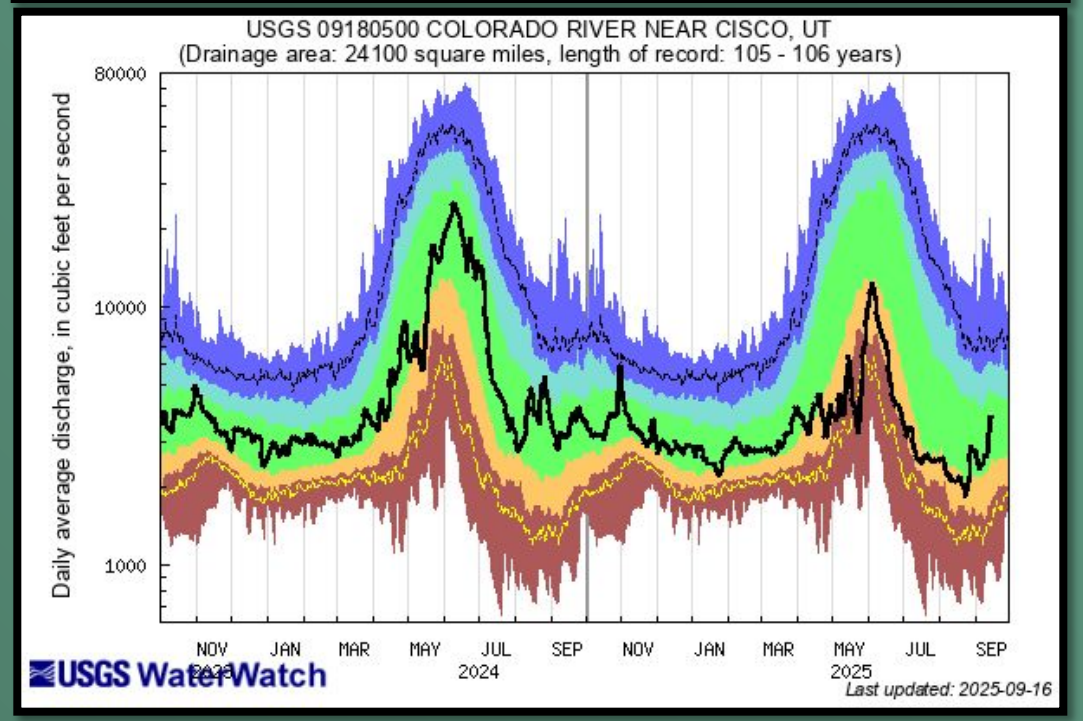
Provisional data, subject to revision

Streamflow at Selected Gages



Explanation - Percentile classes							
lowest-10th percentile	5	10-24	25-75	76-90	95	90th percentile -highest	Flow
Much below Normal		Below normal	Normal	Above normal	Much above normal		

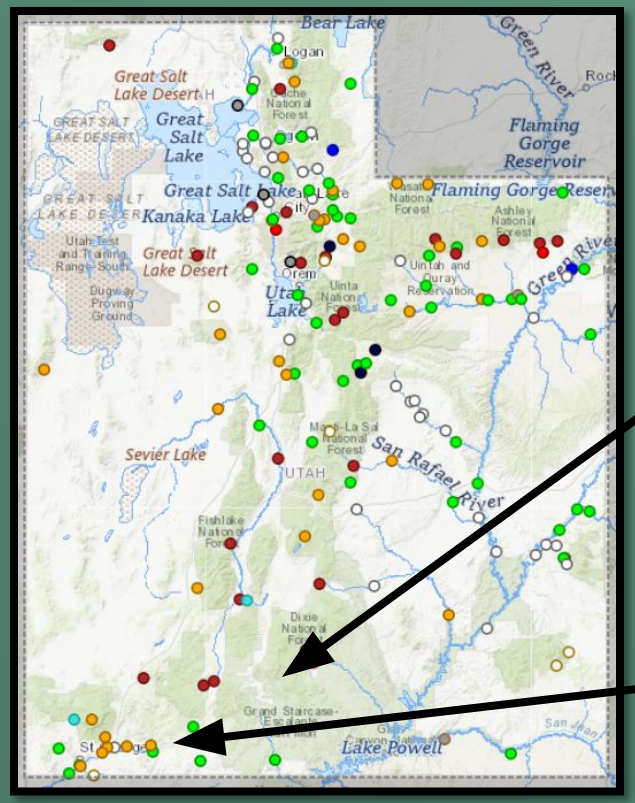


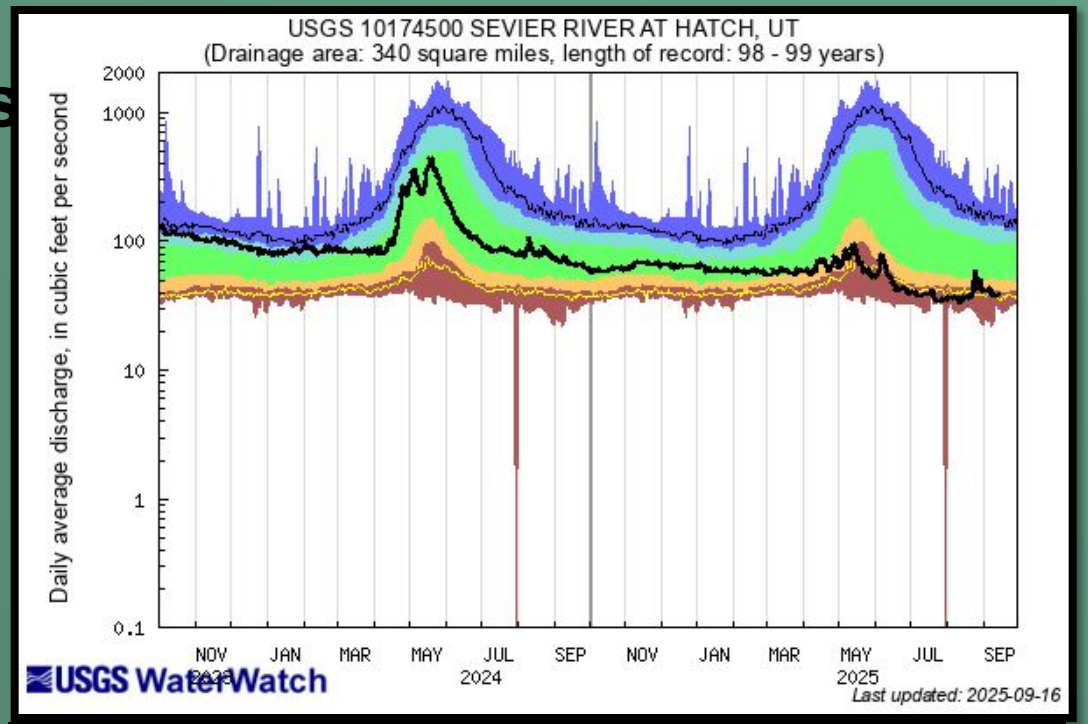


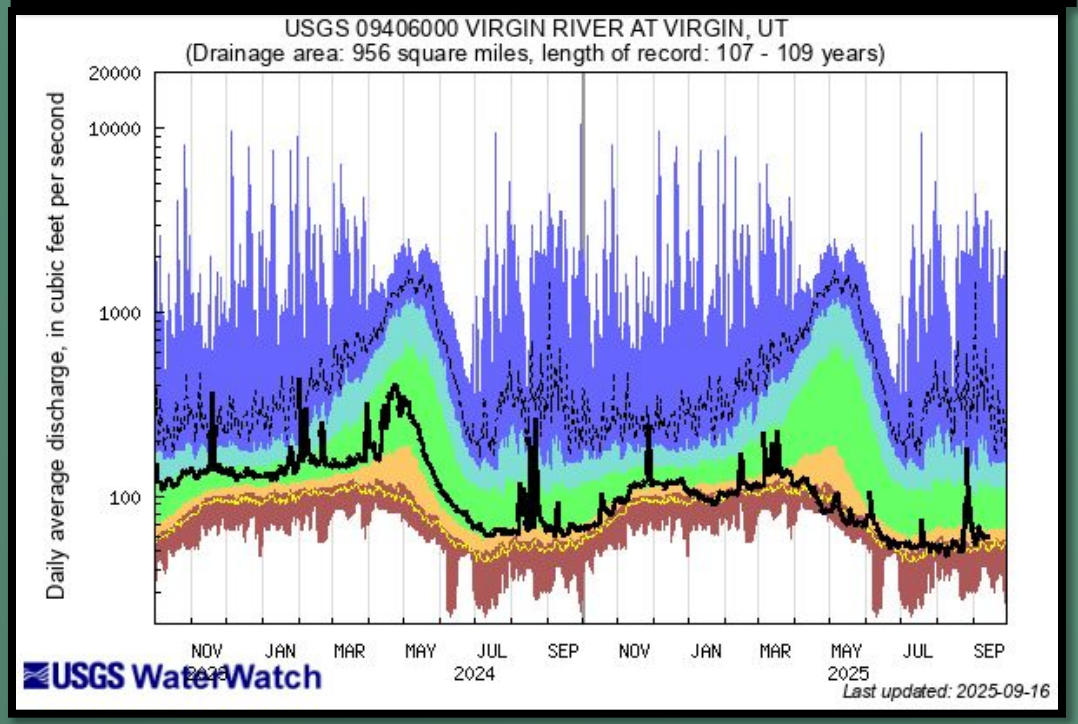
USGS

Provisional data, subject to revision

Streamflow at Selected Gages







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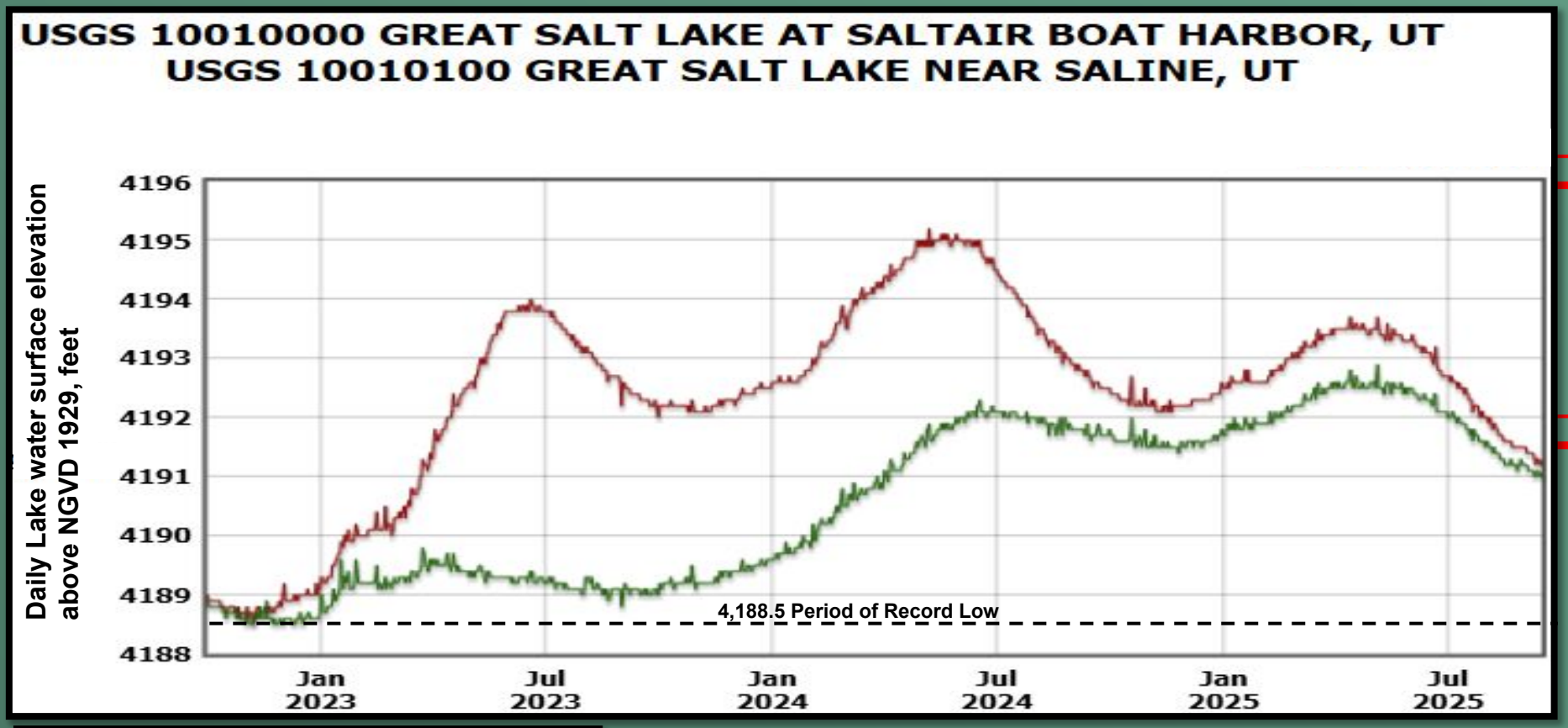
Much below Normal		Below normal	Normal	Above normal	Much above normal		

USGS

Provisional data, subject to revision

Great Salt Lake Water Surface Elevations



Provisional data, subject to revision

Daily Values 9/15/2025

- **South Arm: 4,191.3’**
  - **Down 2.4’ since seasonal high in Apr. and May 2025**
- **North Arm: 4,191.1’**
  - **Down 1.8’ since seasonal high in May 2025**

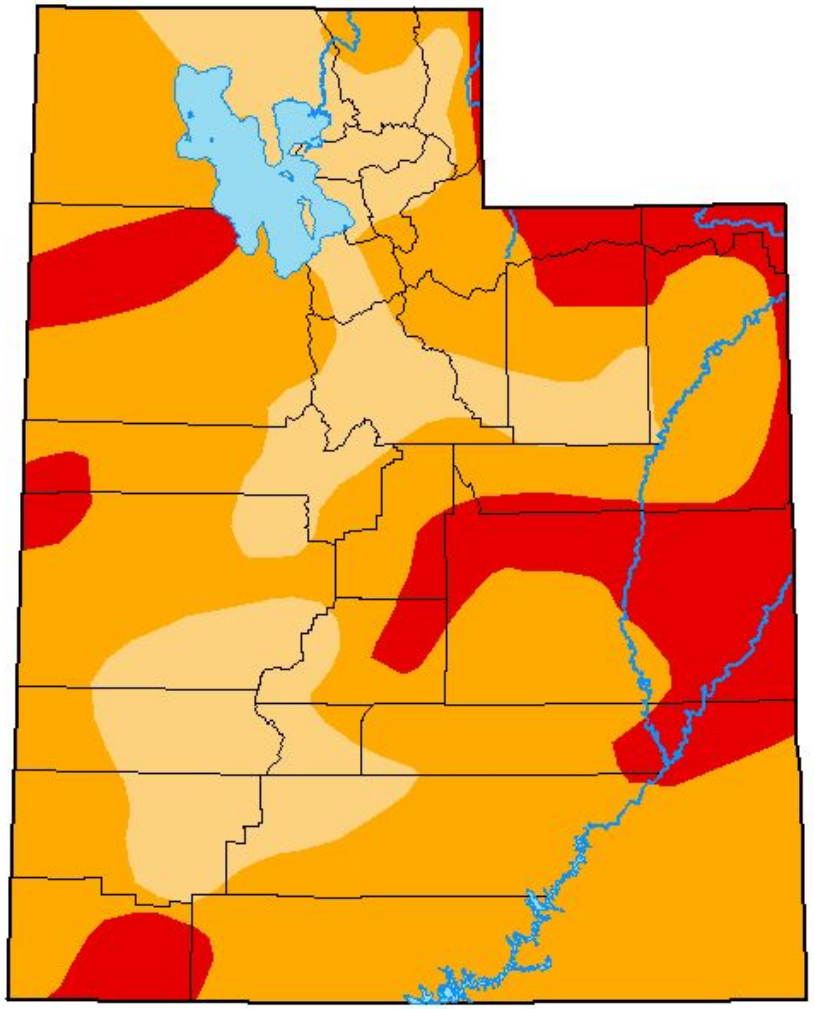
USGS

U.S. Drought Monitor

Utah September 9, 2025

(Released Thursday, Sep. 11, 2025)

Valid 8 a.m. EDT



Intensity:

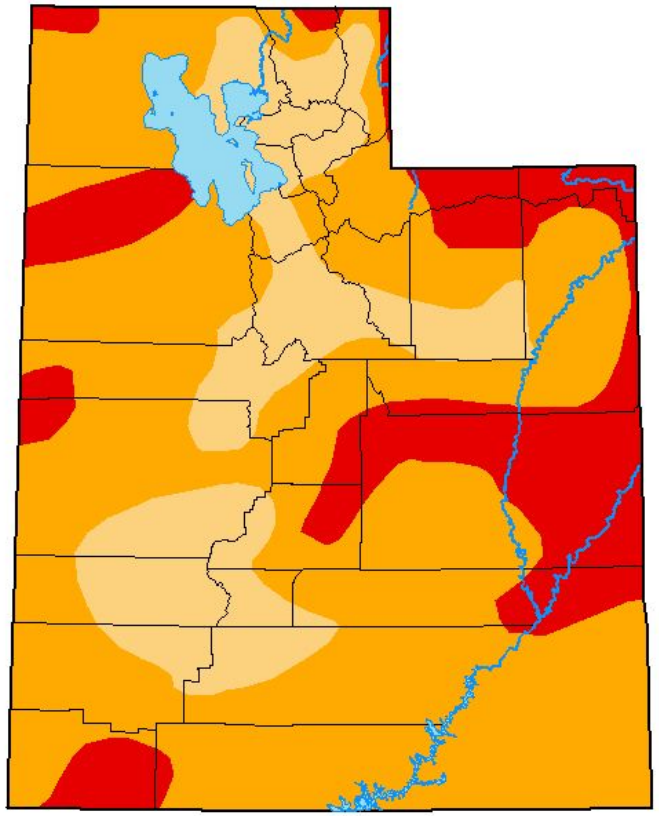
- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

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

Author:

Brad Pugh
CPC/NOAA

droughtmonitor.unl.edu



To report on conditions between meetings:

Submit a report on CMOR drought website
Email Lhaskell@utah.gov
email drought@utah.gov