



Utah Water Conditions (drought webinar)

The meeting will begin shortly



Thank you to our contributors

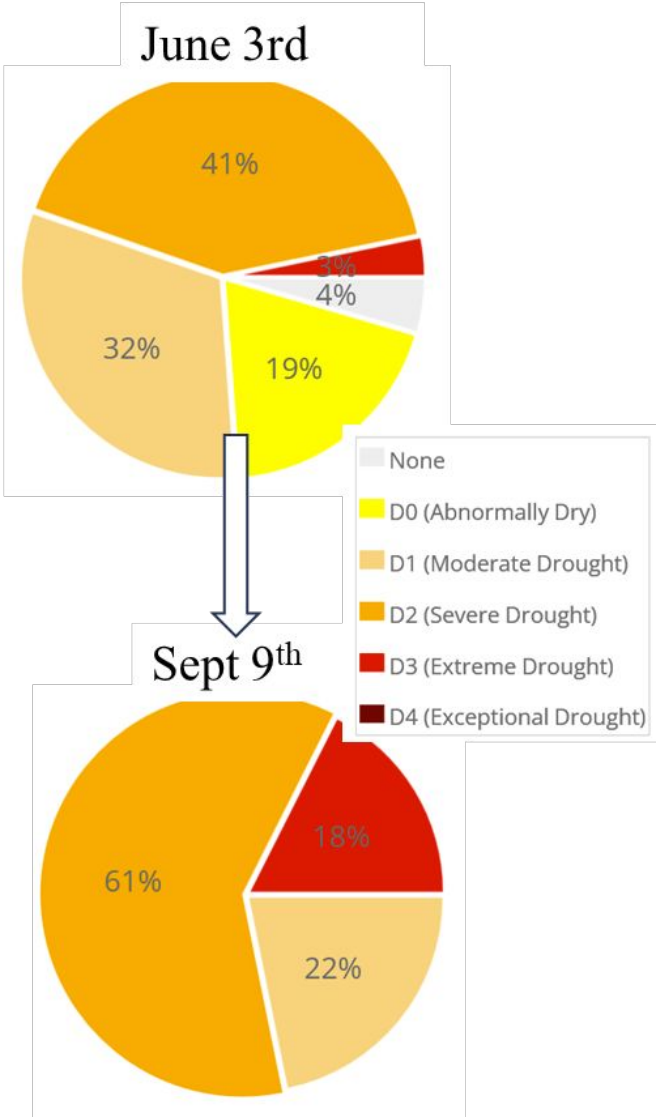
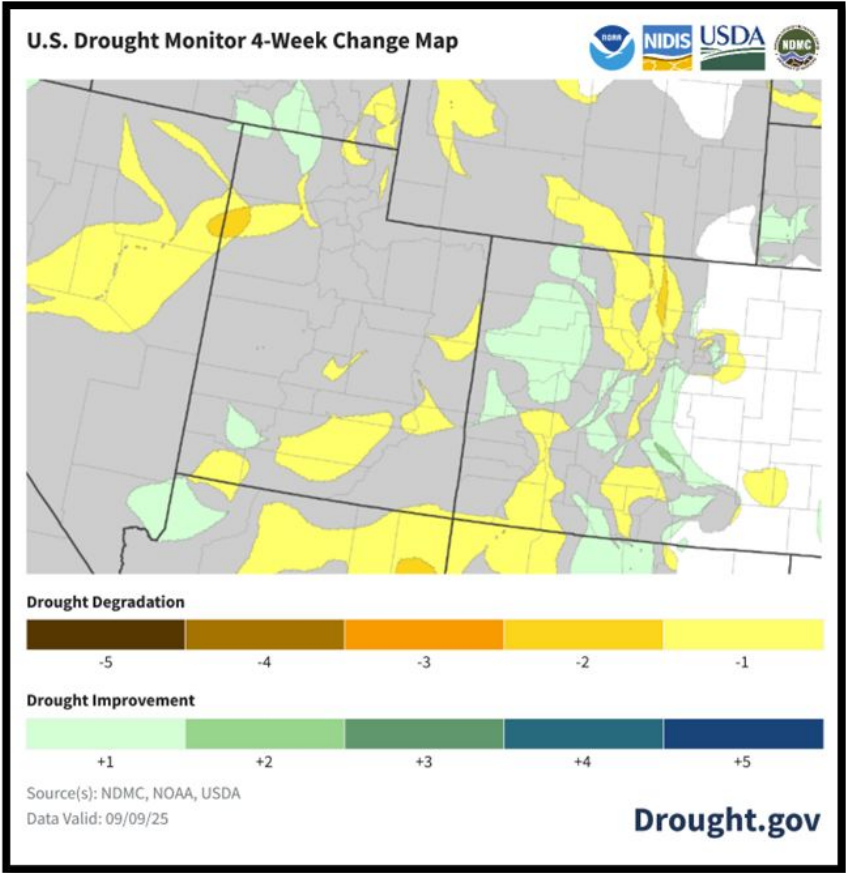
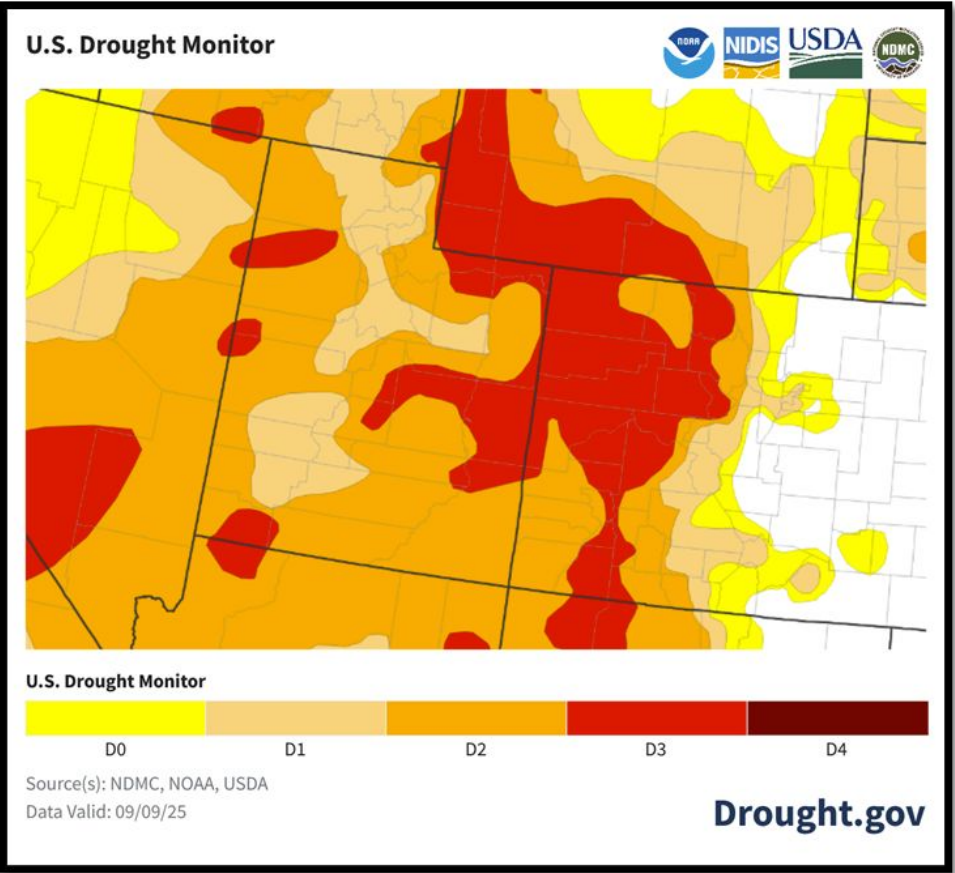




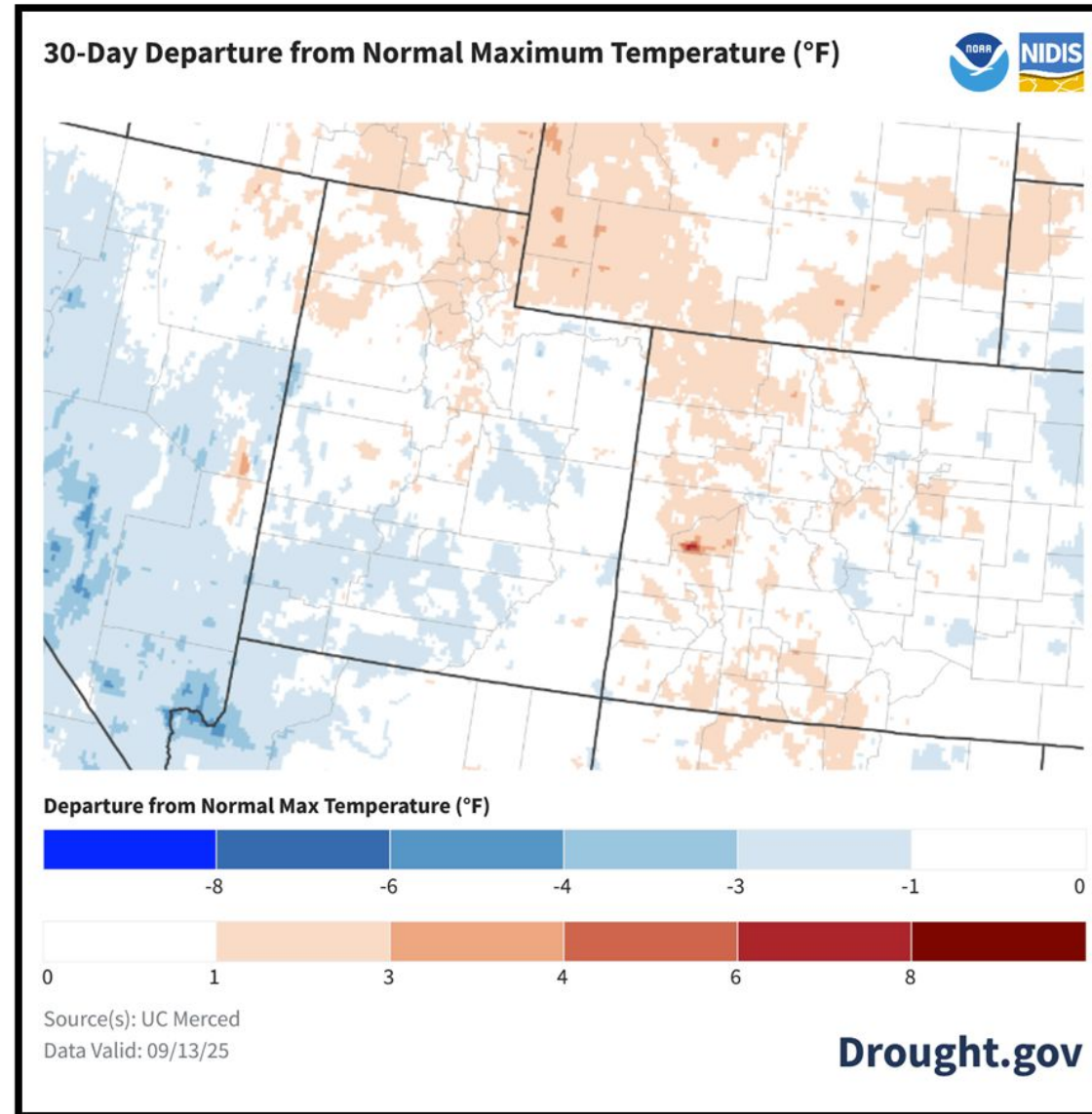
Utah Water Conditions Update

September 16, 2025

Current Drought Conditions

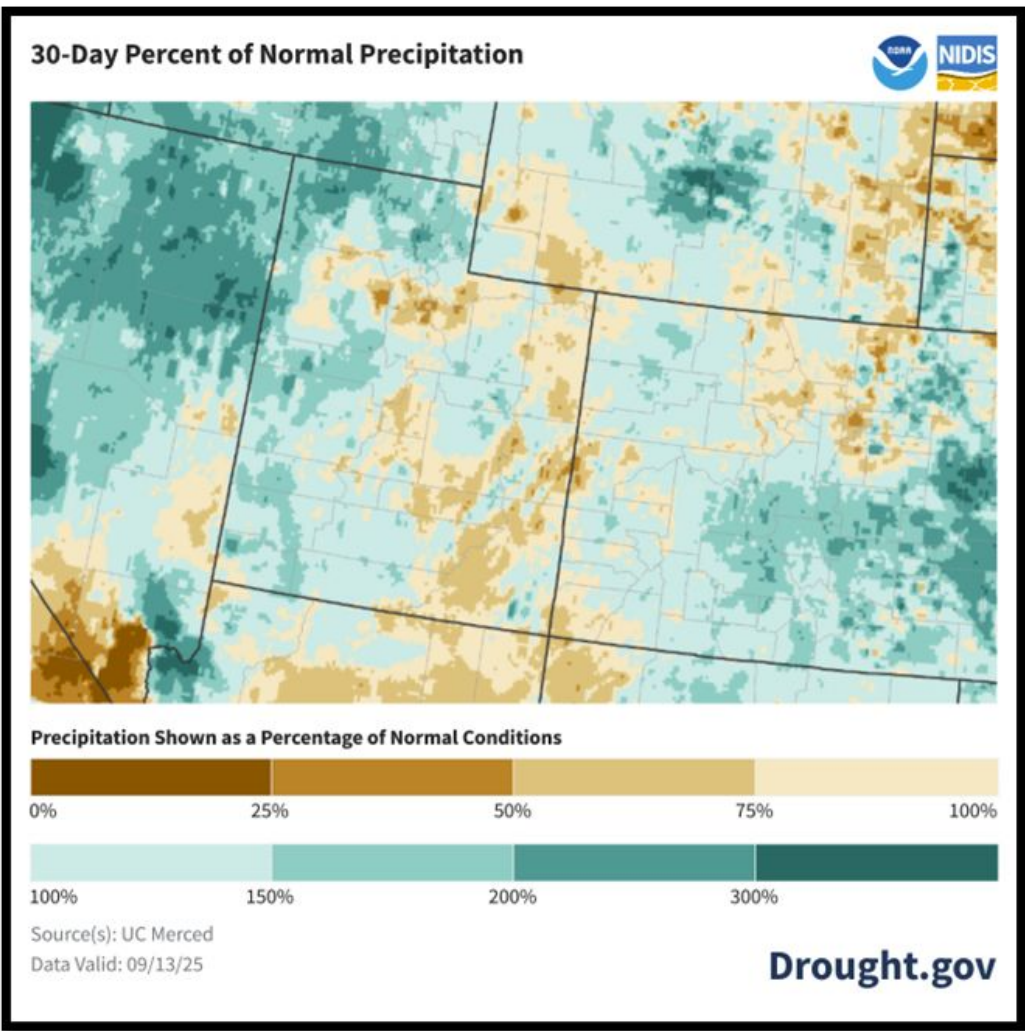
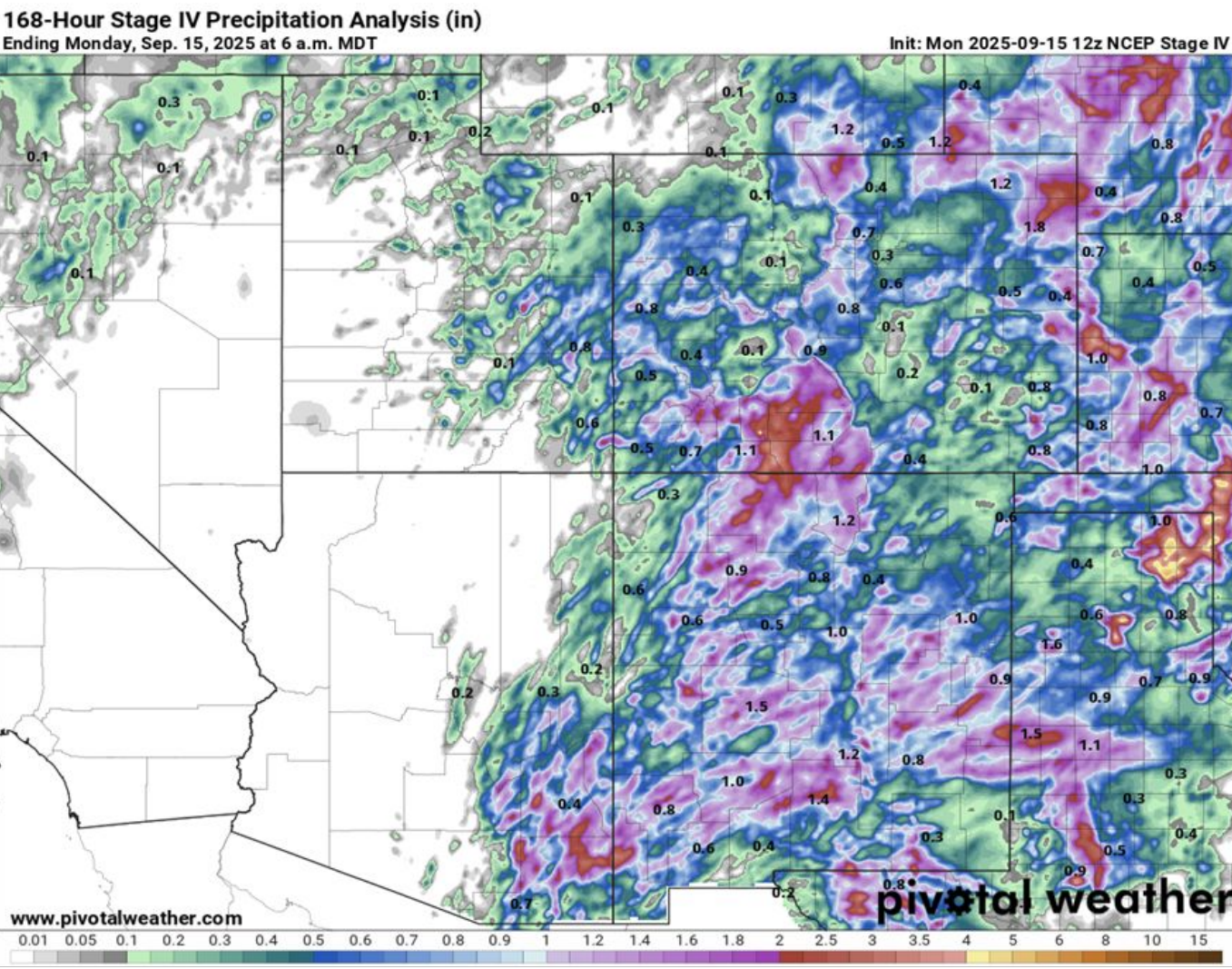


Temperature Summary

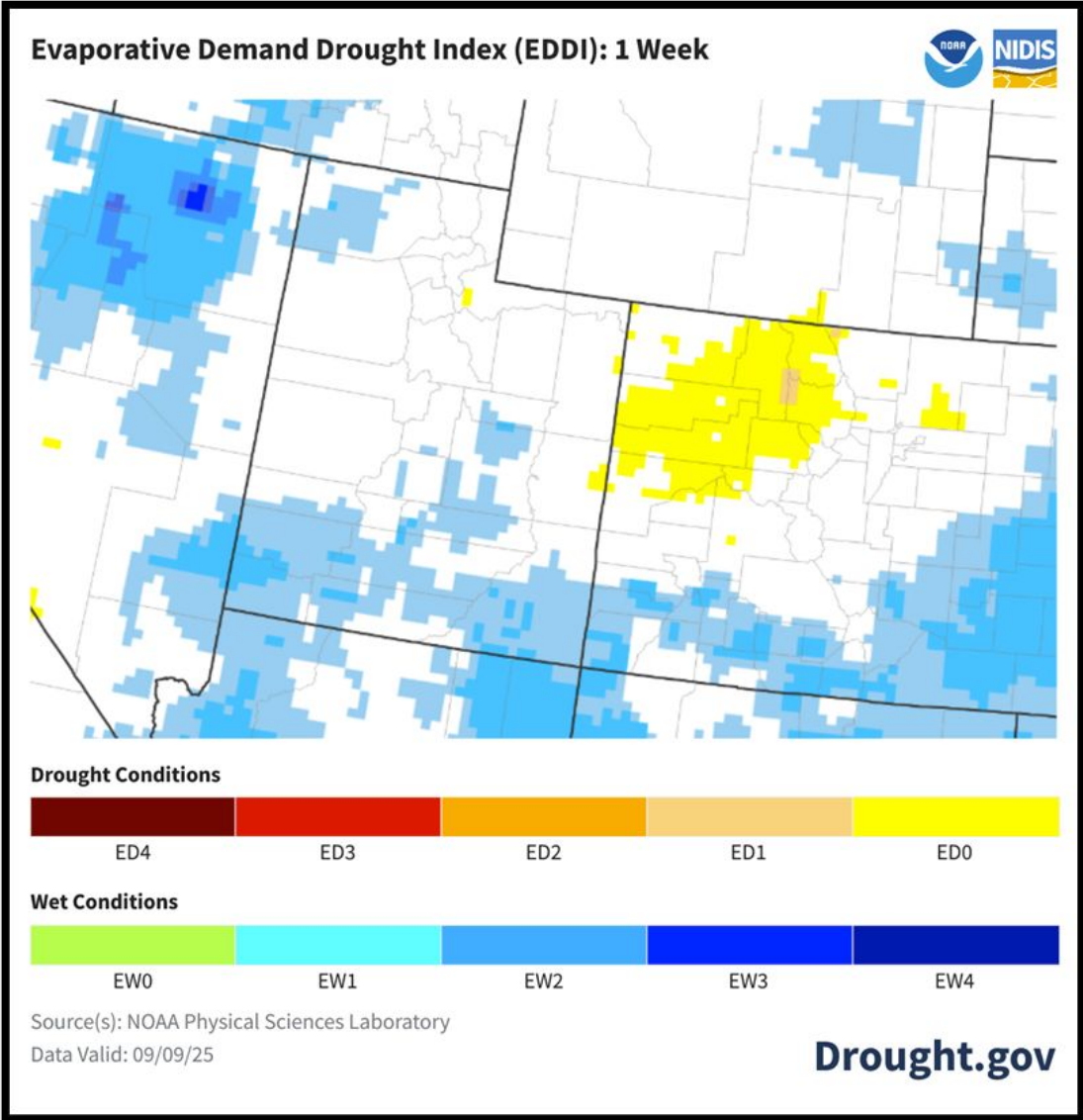
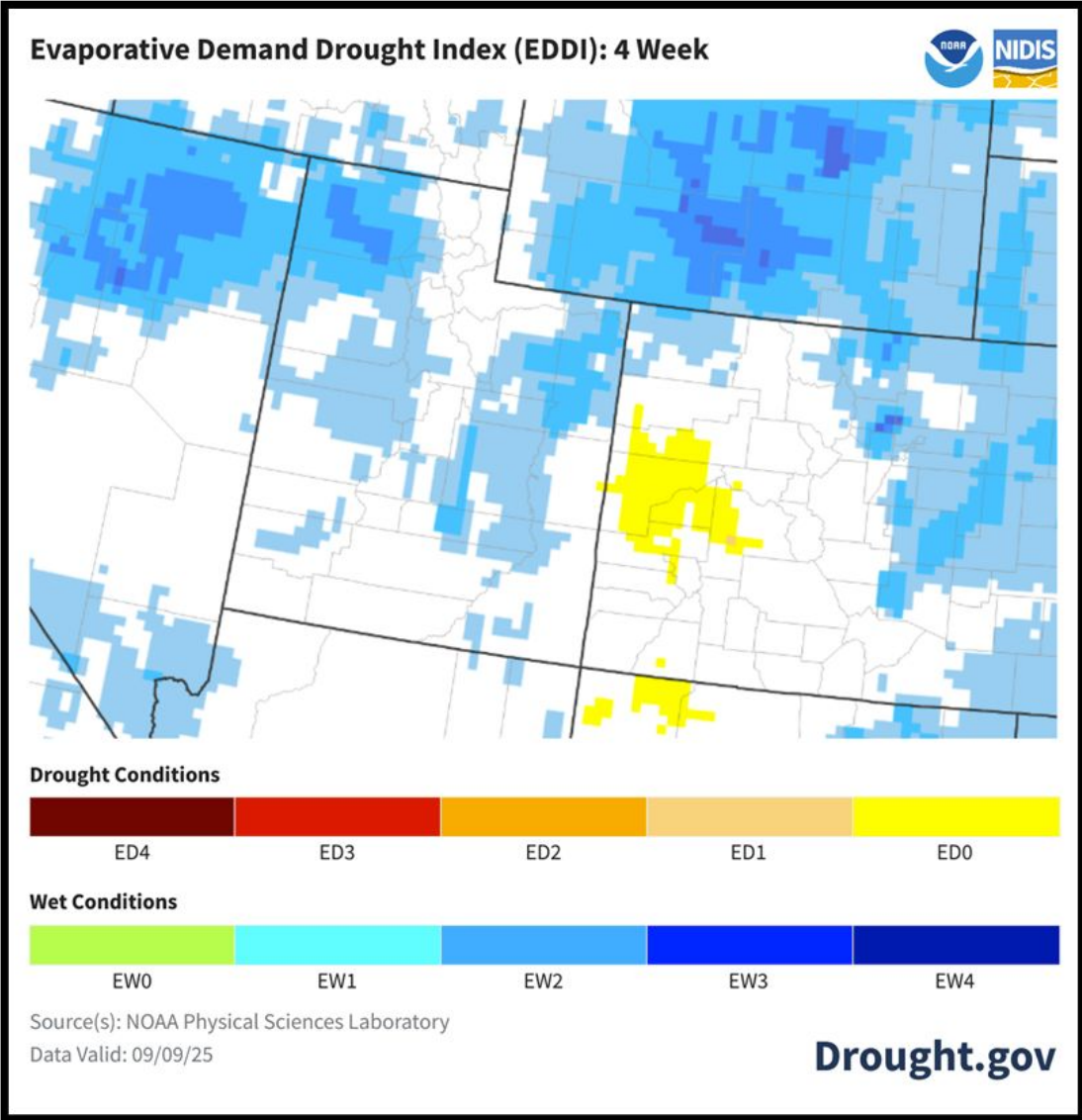


Agency - Utah Climate Center
Presenter - Jon Meyer

Precipitation Summary

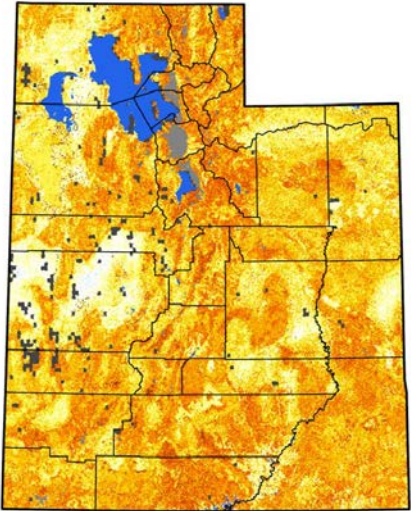


Recent Evaporative Demand



Short-Term Drought Pressure

Quick Drought Response Index
Utah



August 24, 2025
(Week 34)

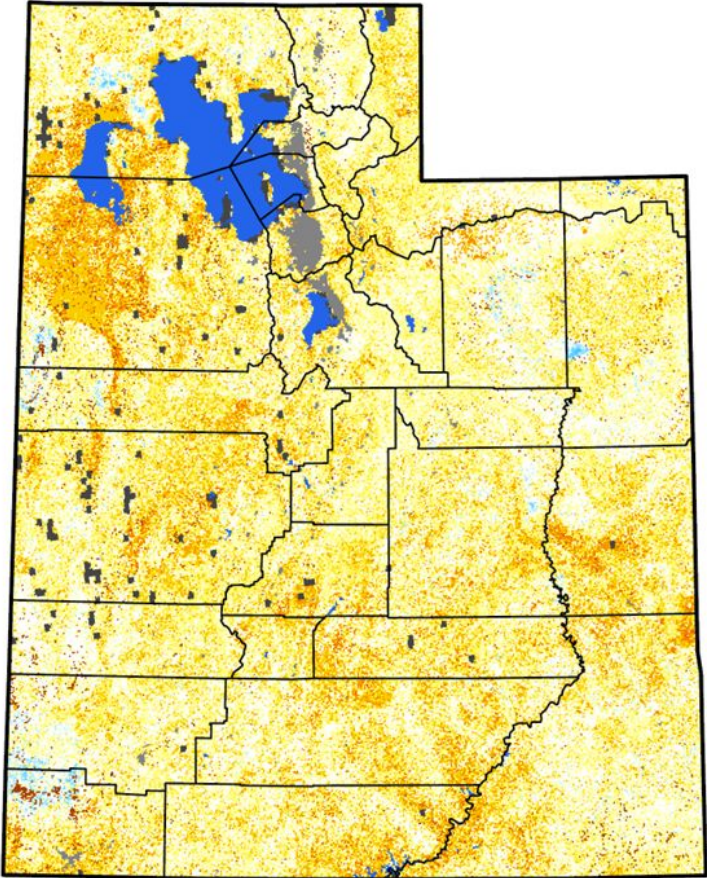
Conditions Relative to
4-Week Historical Average

- Wetter
- Near Average
- Drier
- Out of Season
- Urban
- No Data
- Water



Agency - Utah Climate Center
Presenter - Jon Meyer

Quick Drought Response Index
Utah



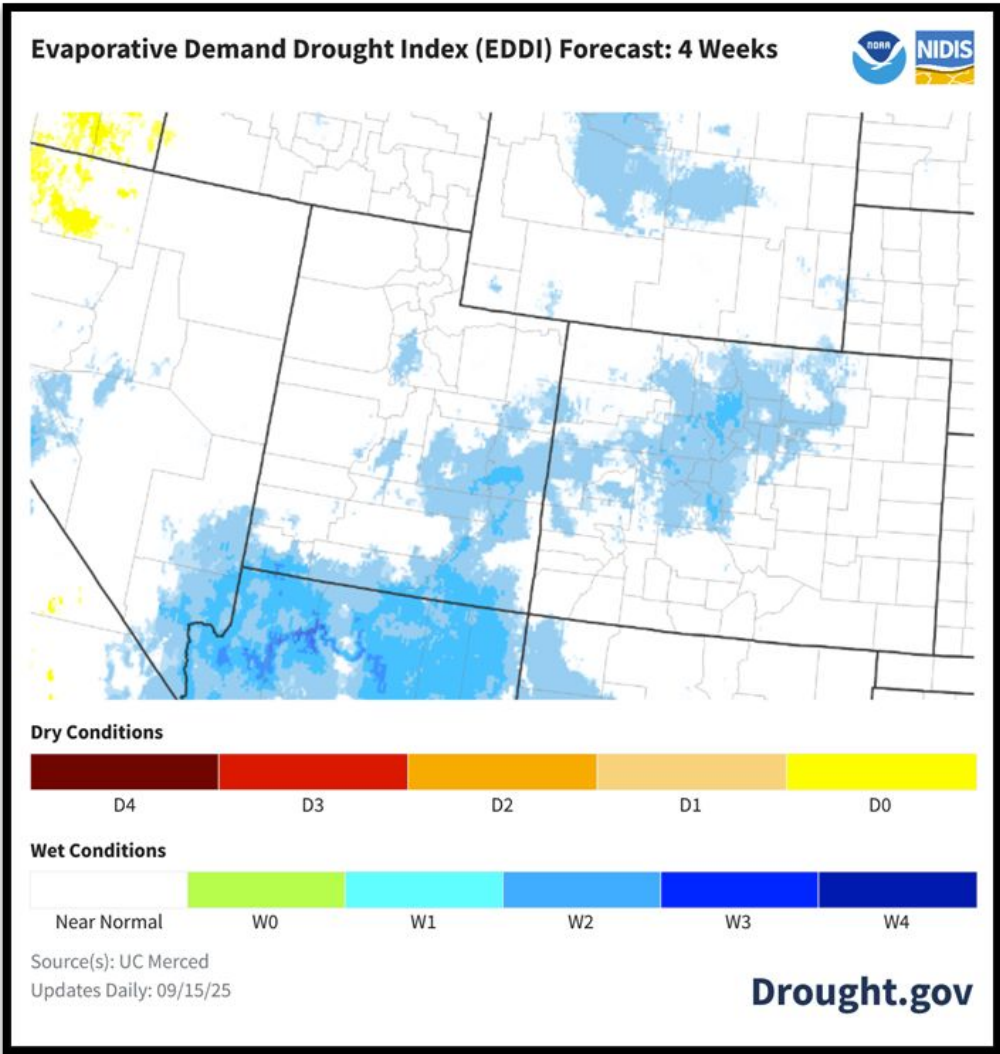
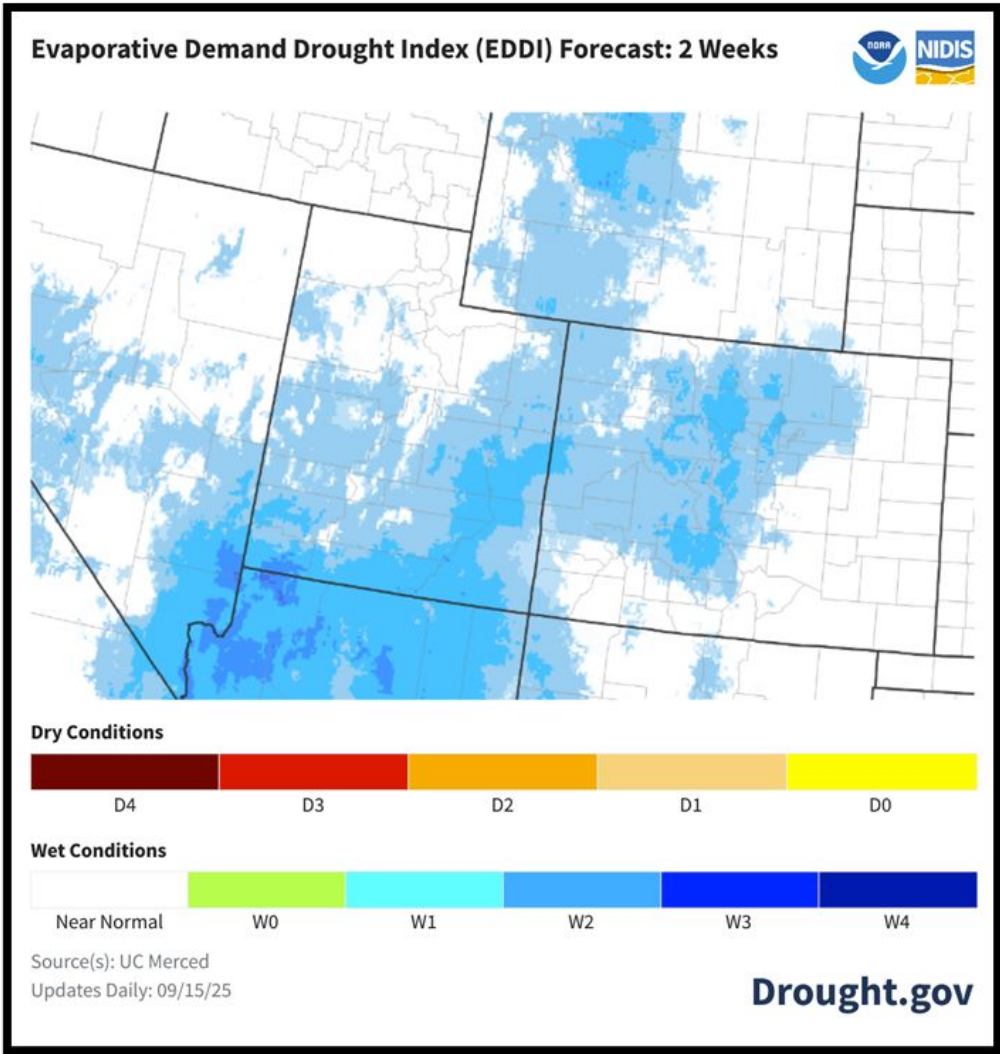
September 7, 2025
(Week 36)

Conditions Relative to
4-Week Historical Average

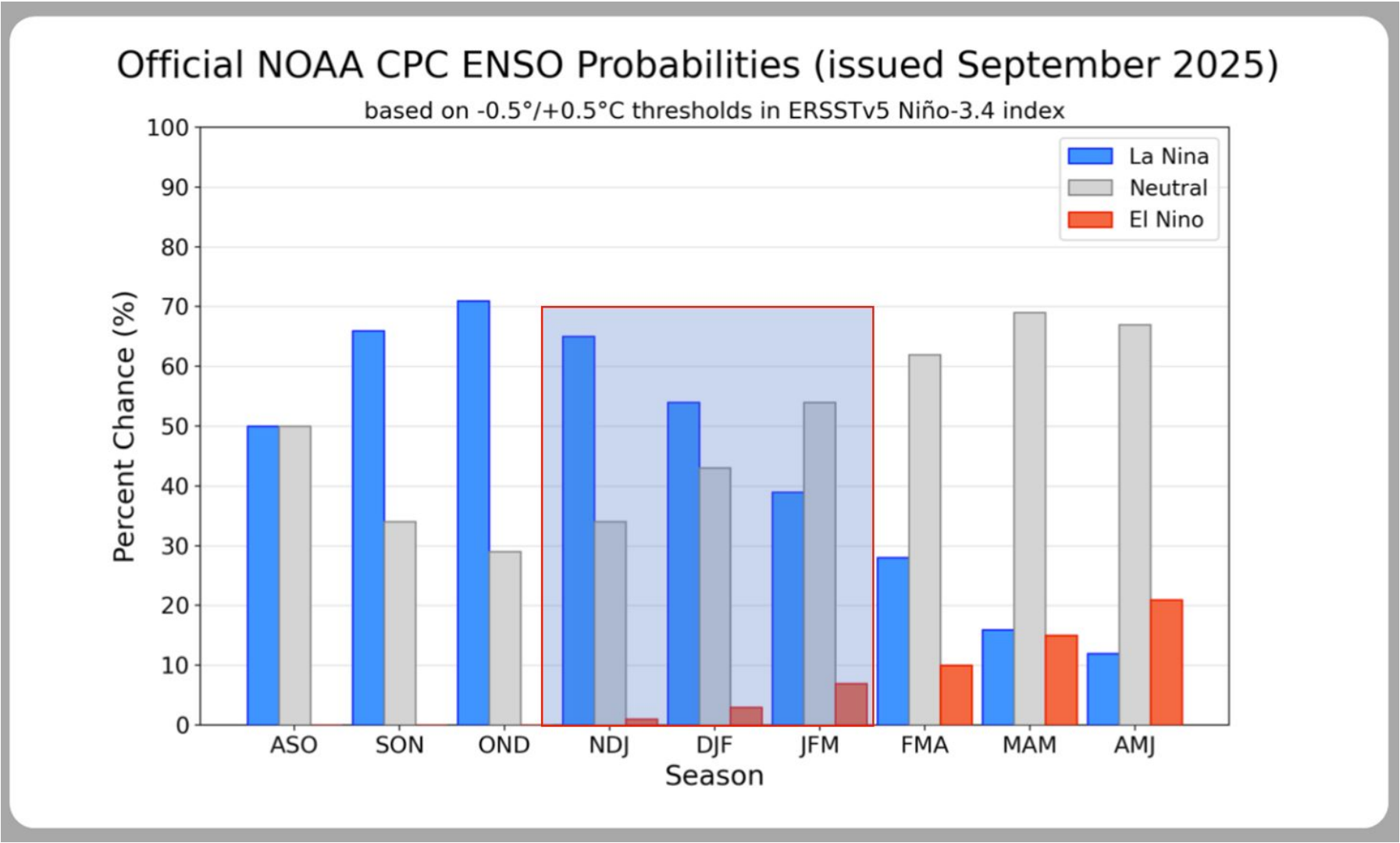
- Wetter
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- Water



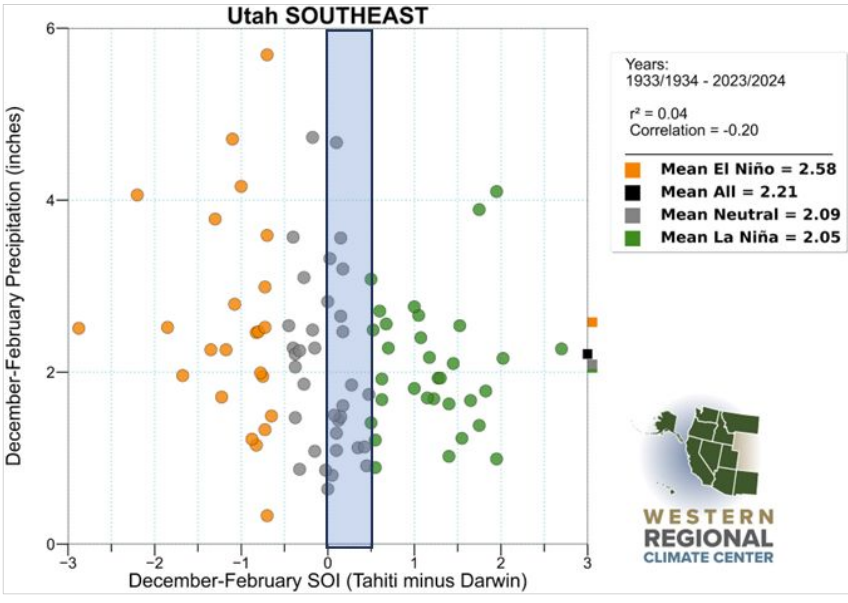
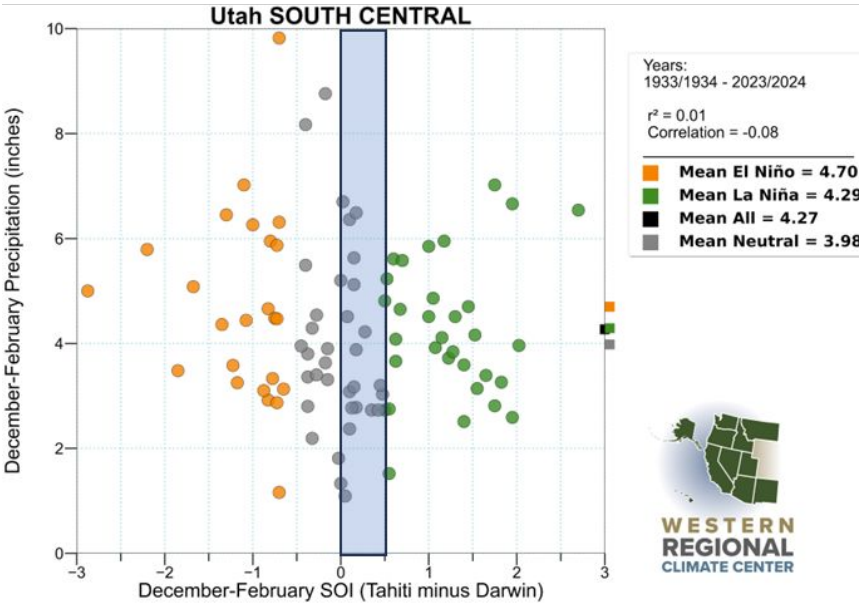
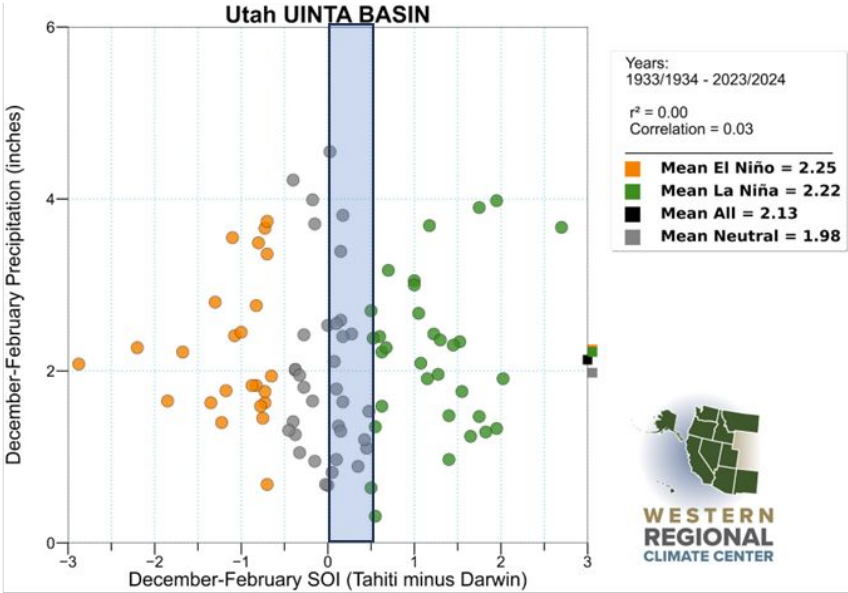
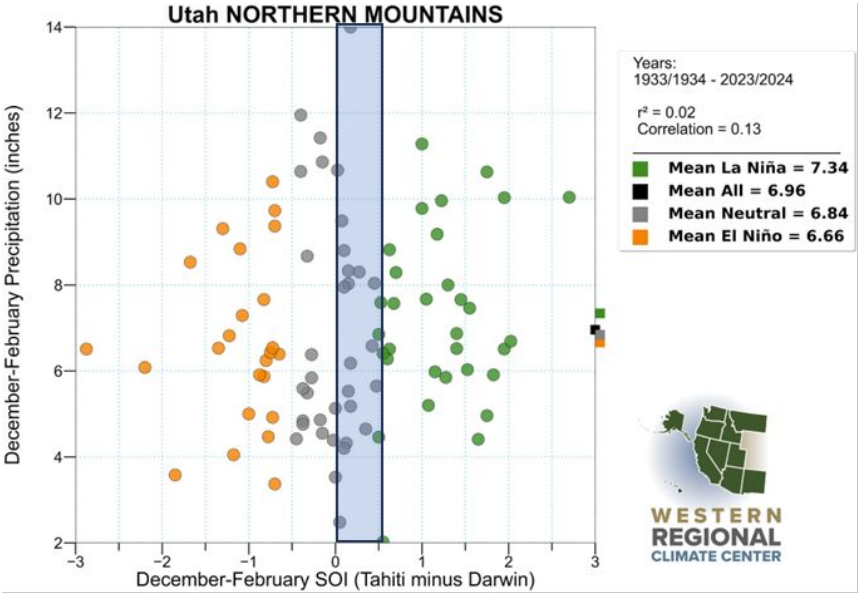
Forecast Evaporative Demand



ENSO outlook update

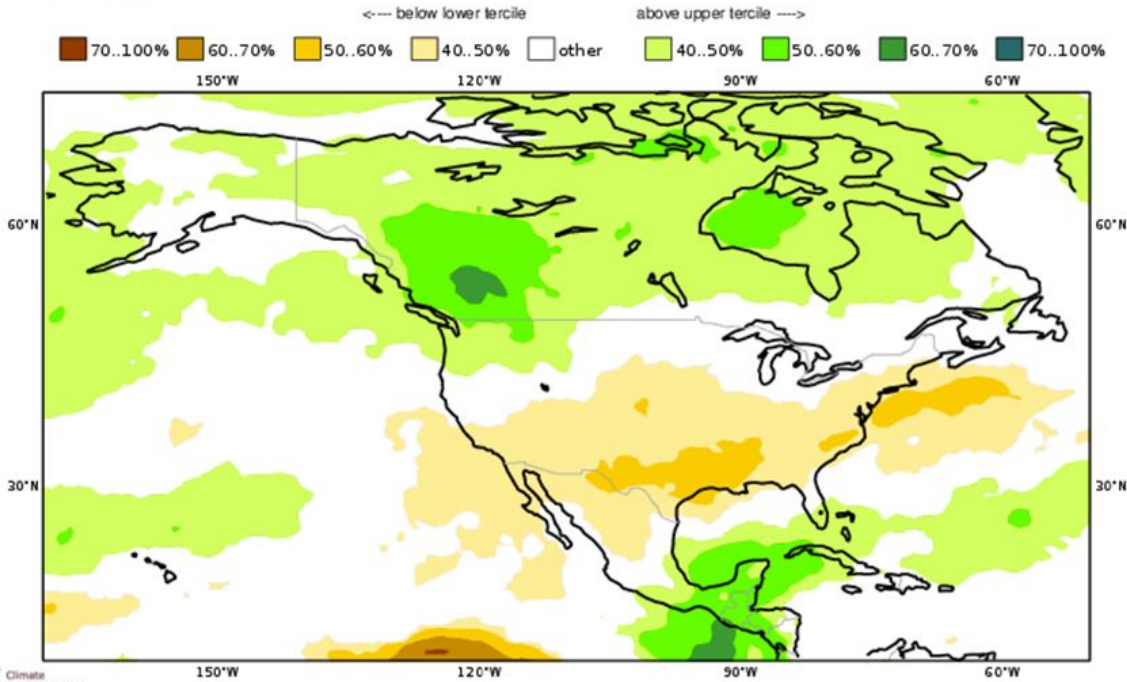


Historical Wintertime response to expected 2025-26 ENSO pattern

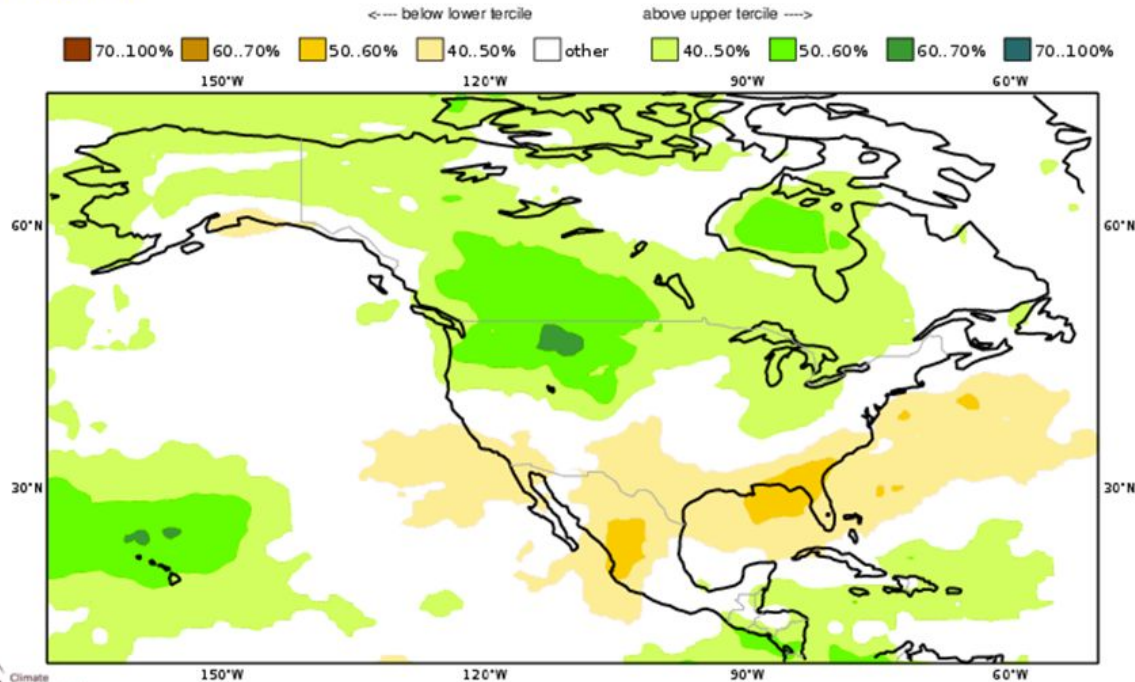


Historical Wintertime response to expected 2025-26 ENSO pattern

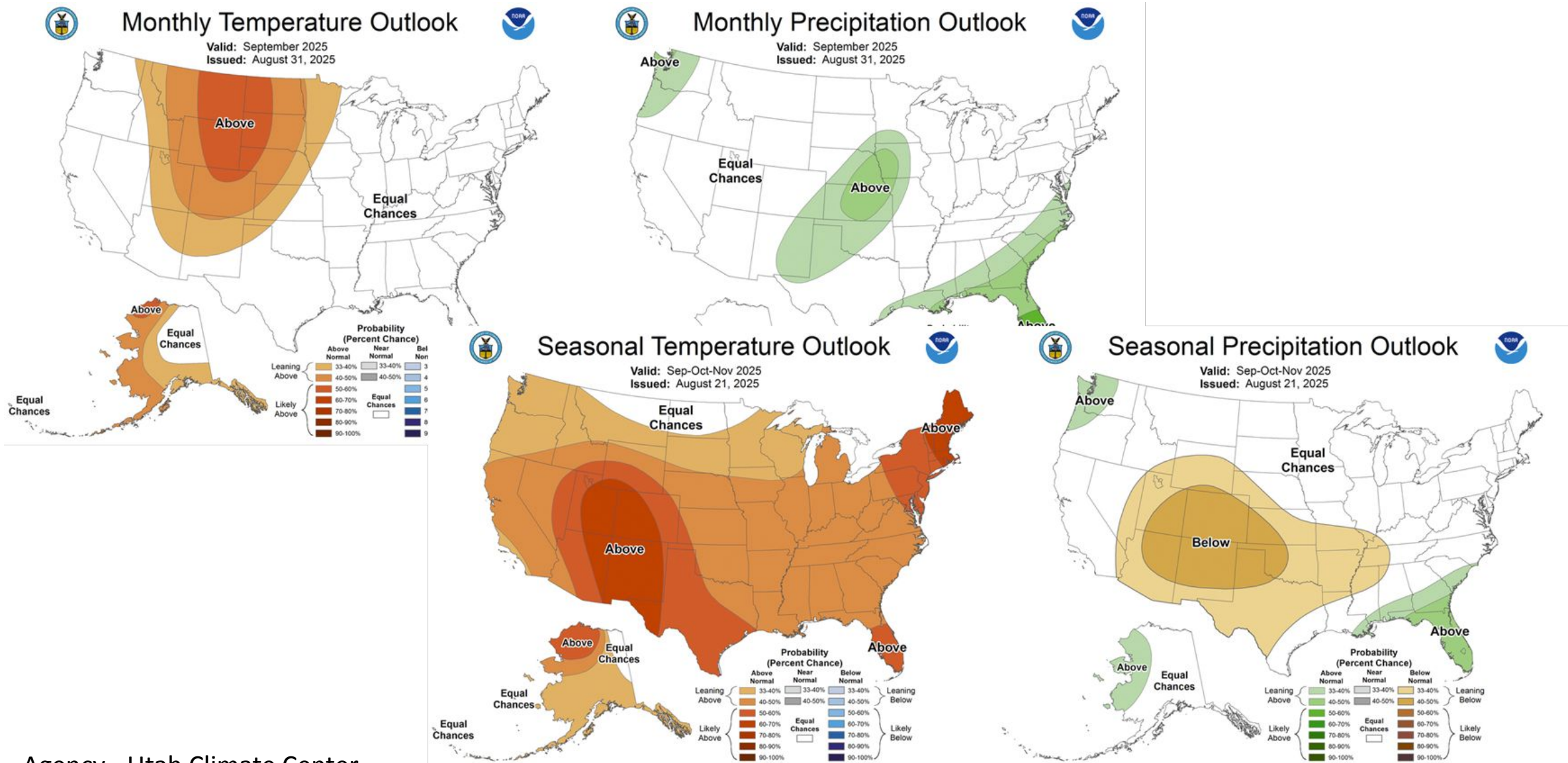
C3S multi-system seasonal forecast ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC/BOM
Prob(most likely category of precipitation) **OND 2025**
Nominal forecast start: 01/09/25
Unweighted mean



C3S multi-system seasonal forecast ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC/BOM
Prob(most likely category of precipitation) **DJF 2025/26**
Nominal forecast start: 01/09/25
Unweighted mean

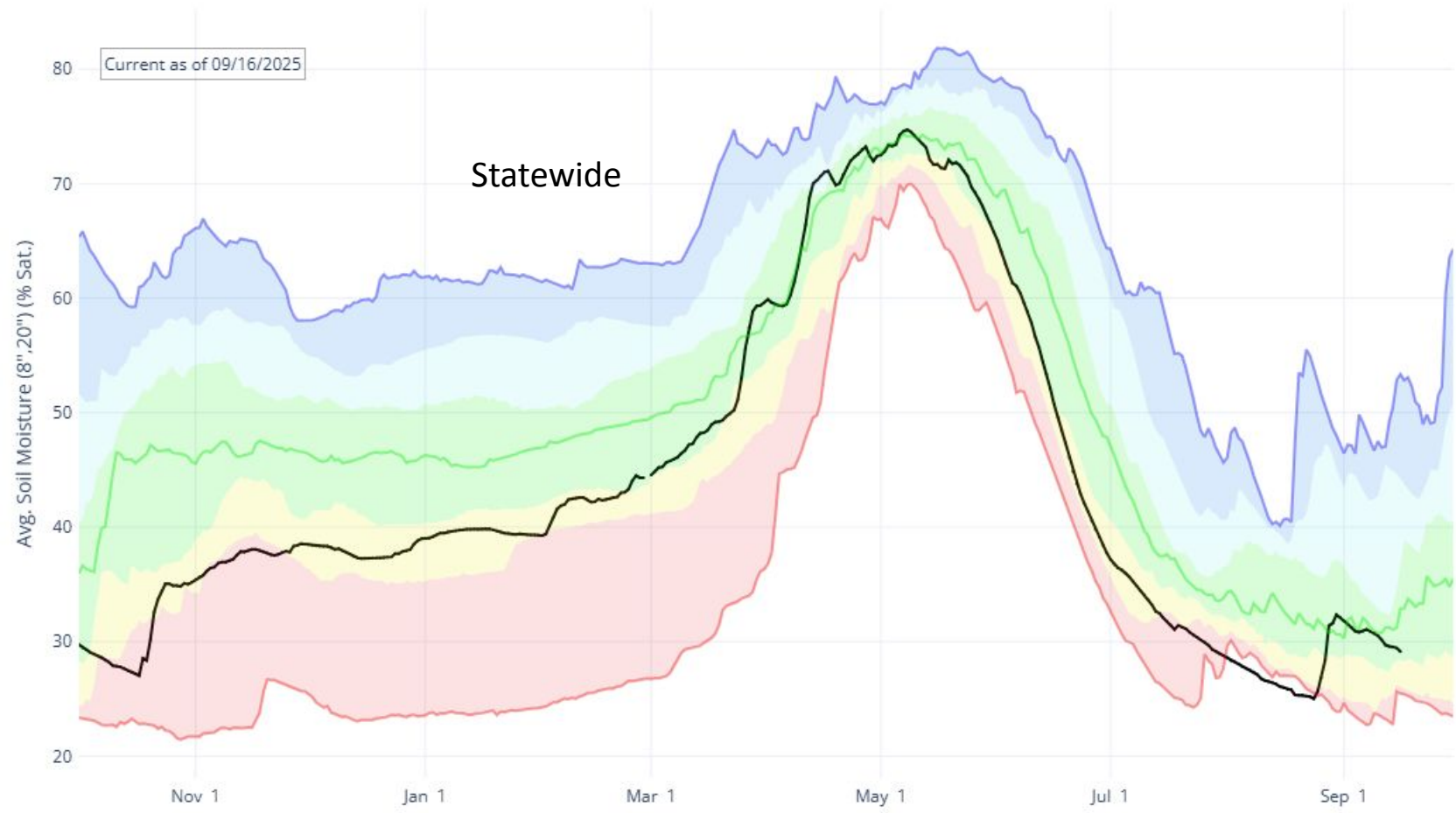


CPC Outlook



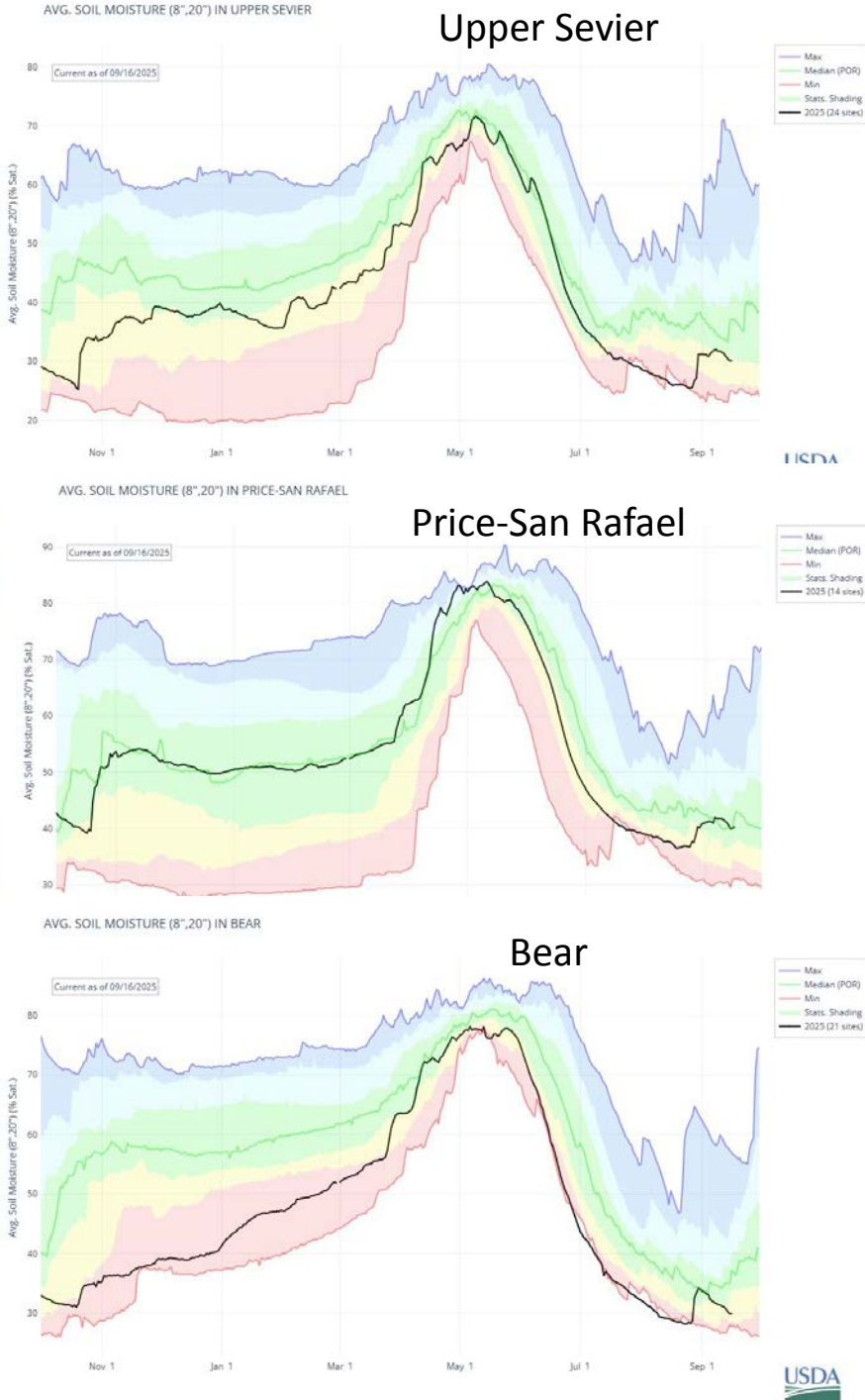
Soil Moisture

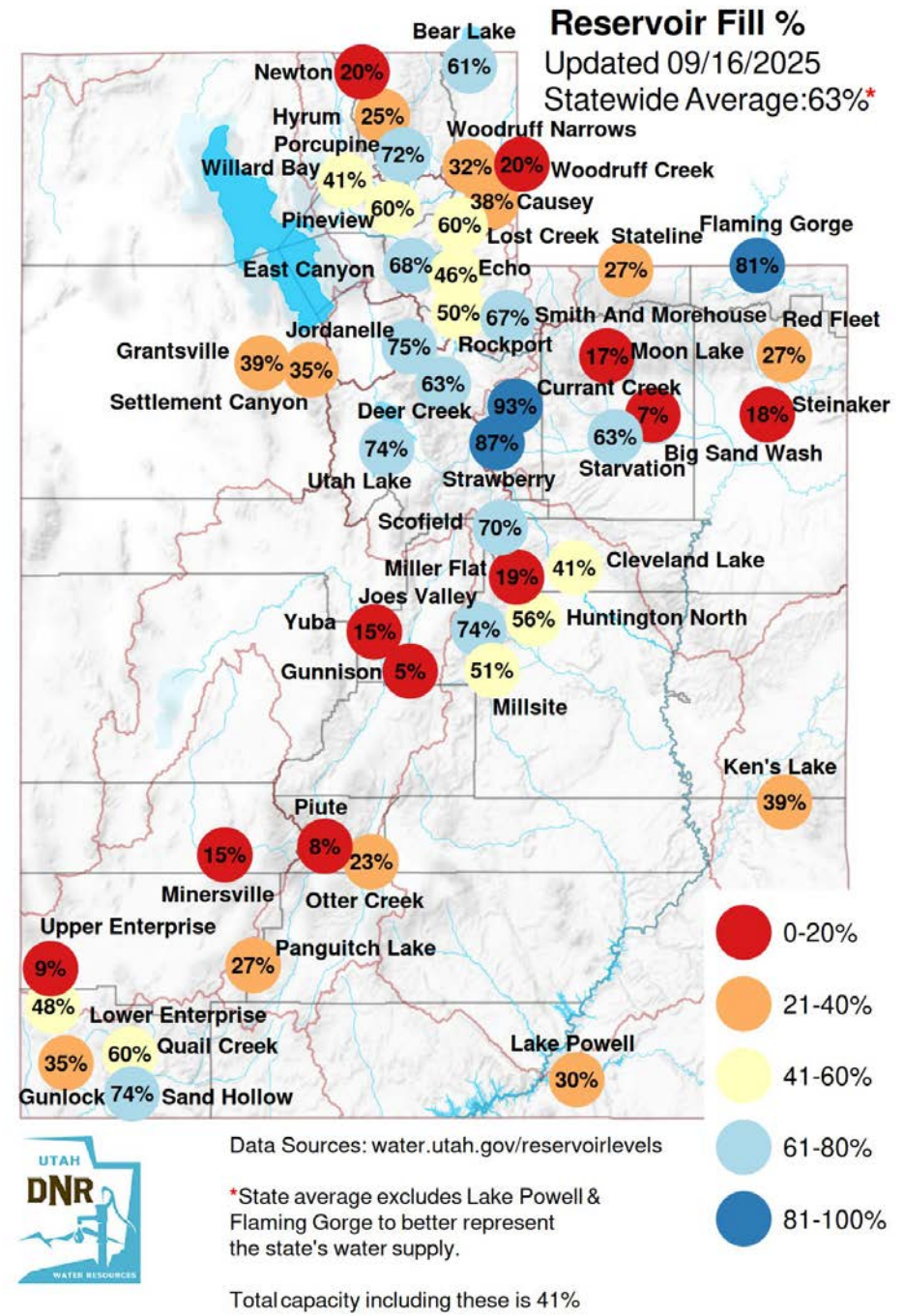
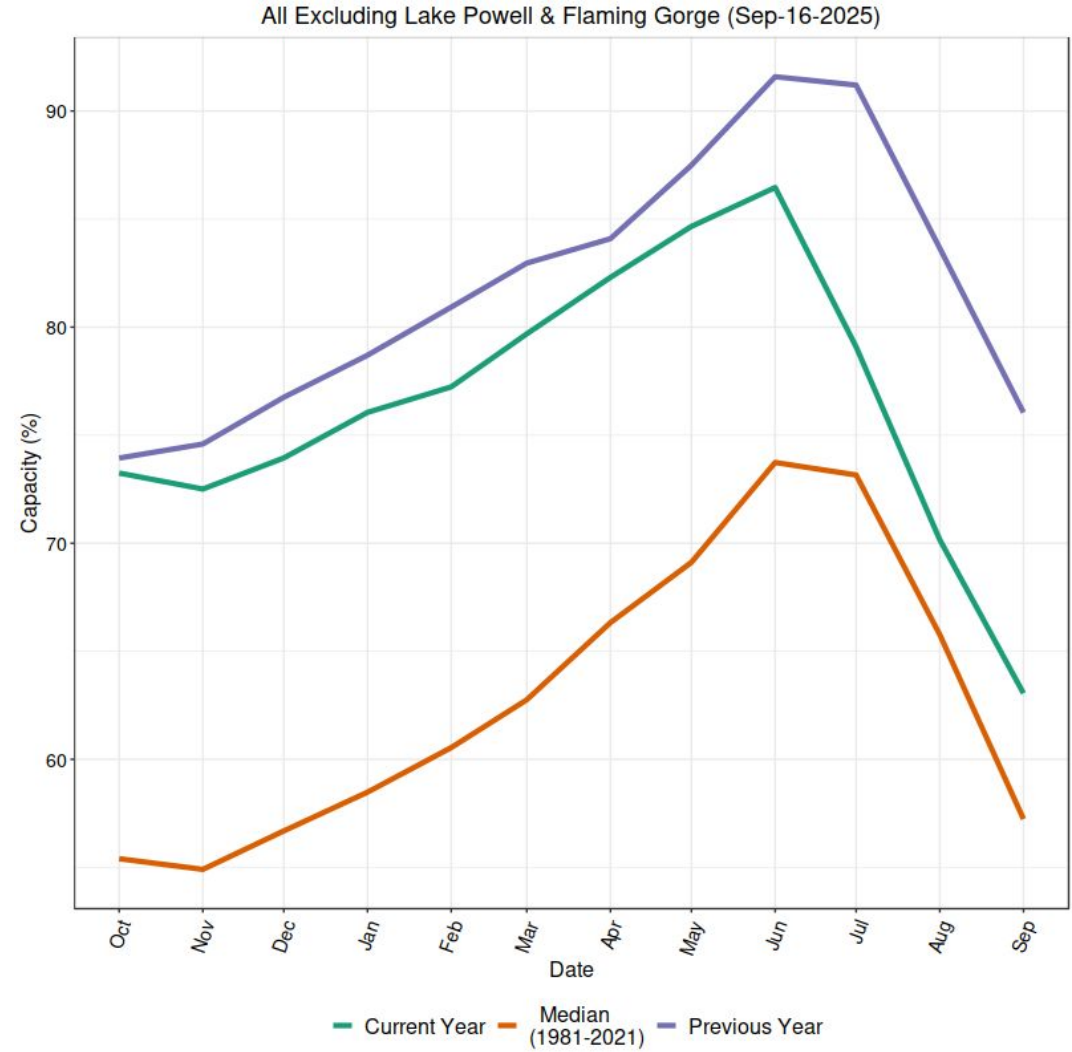
AVG. SOIL MOISTURE (8",20") IN STATE OF UTAH



Agency - NRCS Snow Survey
Presenter - Jordan Clayton

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



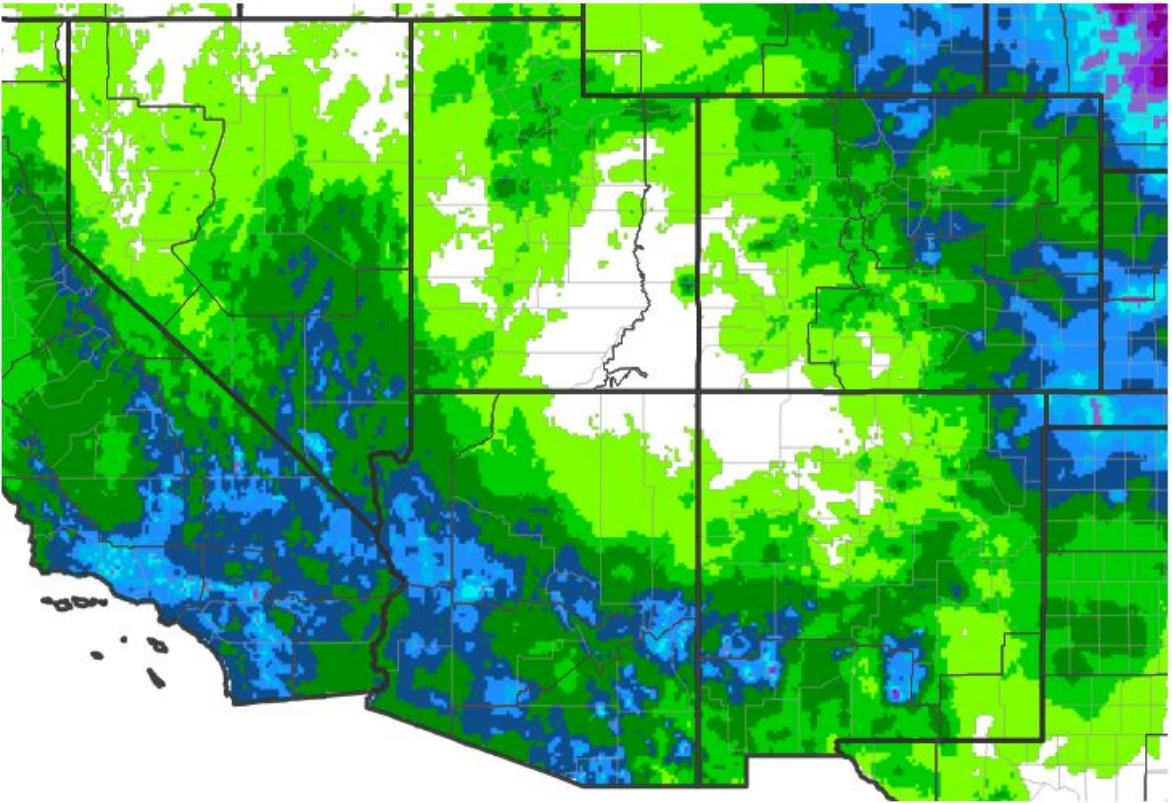


Agency - Division of Water Resources
 Presenter - Laura Haskell

Weather Forecast Office Utah Day 1-7 Outlook



**7-Day Quantitative Precipitation Forecast for September
16, 2025–September 23, 2025**



Predicted Inches of Precipitation



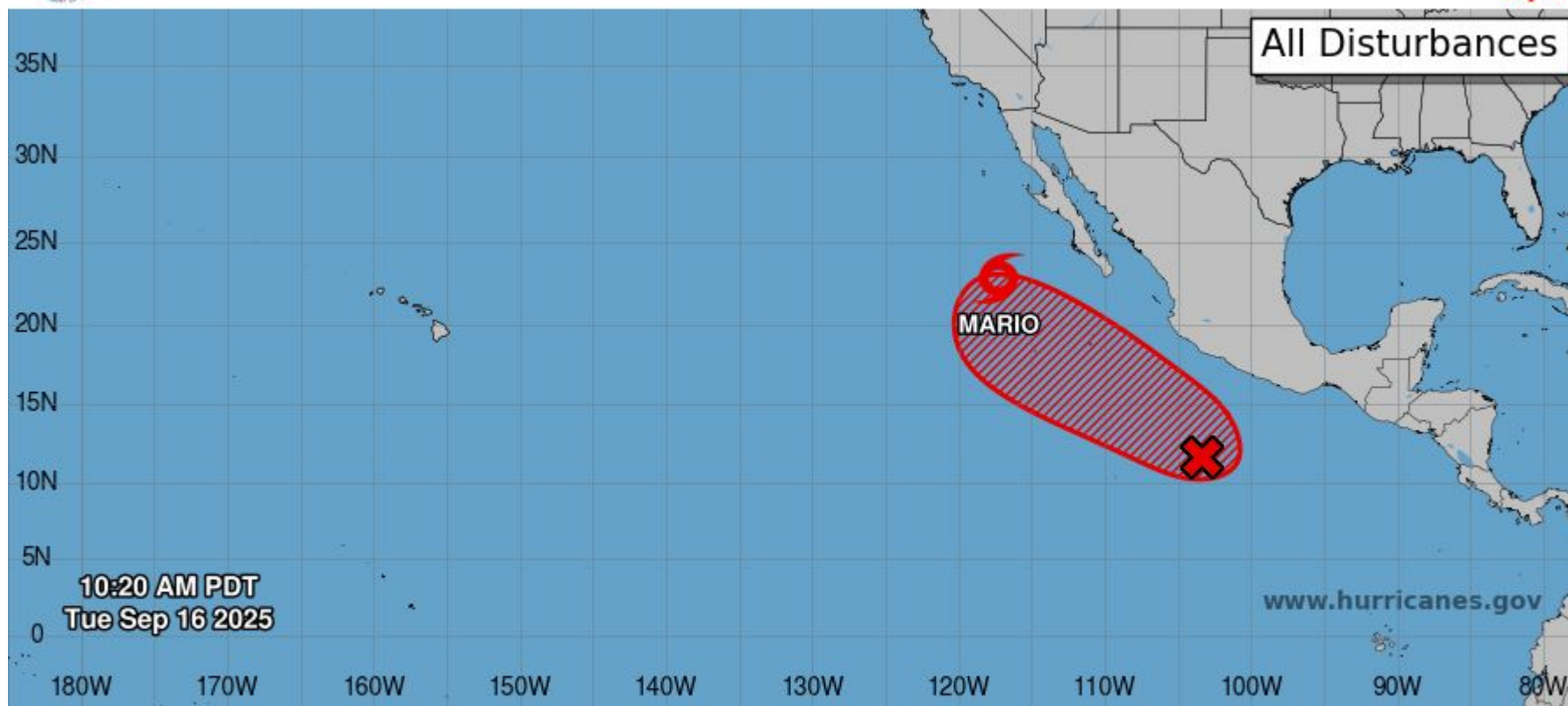
Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov
Last Updated: 09/16/25

Tropical Cyclone Outlook



Seven-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



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

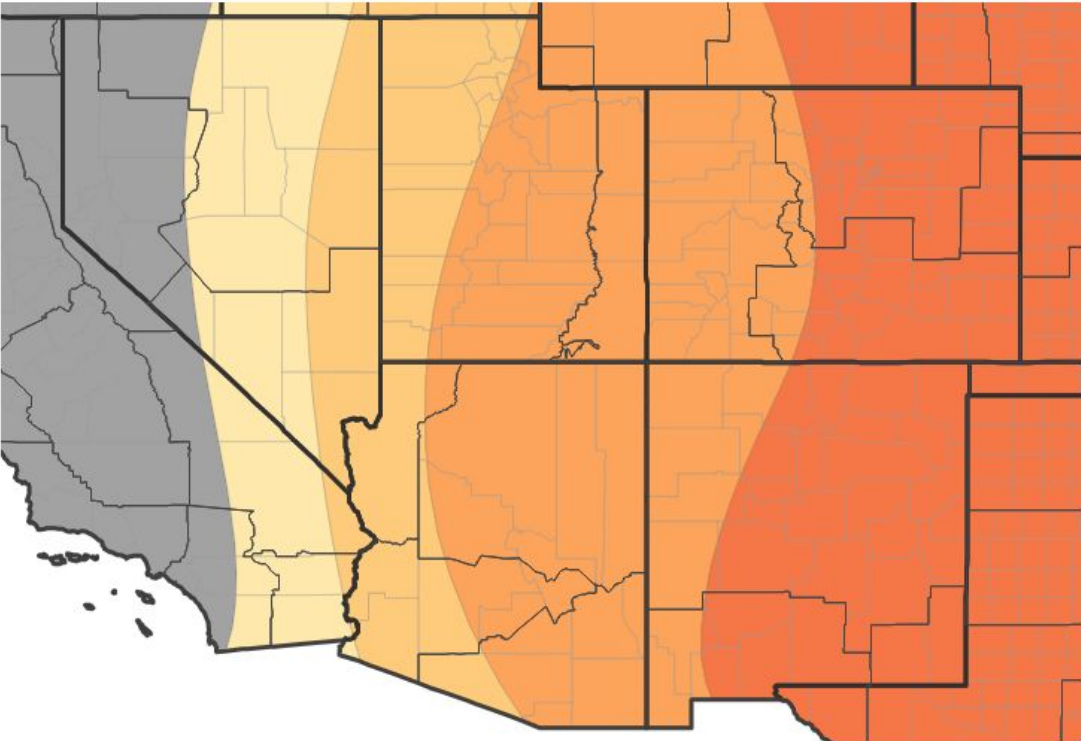
Agency - National Weather Service Weather Forecast Office

Presenter - Christine Kruse

Climate Prediction Center 8 to 14 Day Outlooks - Temperature



8-14 Day Temperature Outlook for September 23,
2025-September 29, 2025



Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



■ Near-Normal Conditions

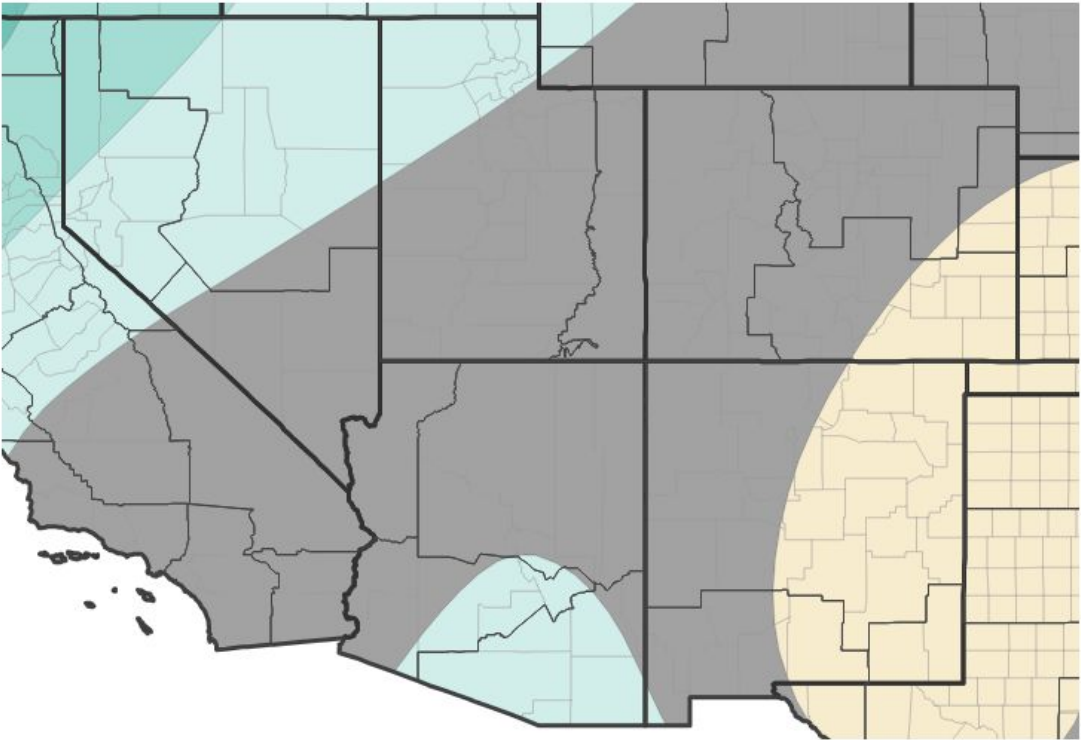
Source(s): Climate Prediction Center; image courtesy of Drought.gov

Last Updated: 09/15/25

Climate Prediction Center 8 to 14 Day Outlooks - Precipitation



8-14 Day Precipitation Outlook for September 23, 2025-September 29, 2025



Probability of Below-Normal Precipitation

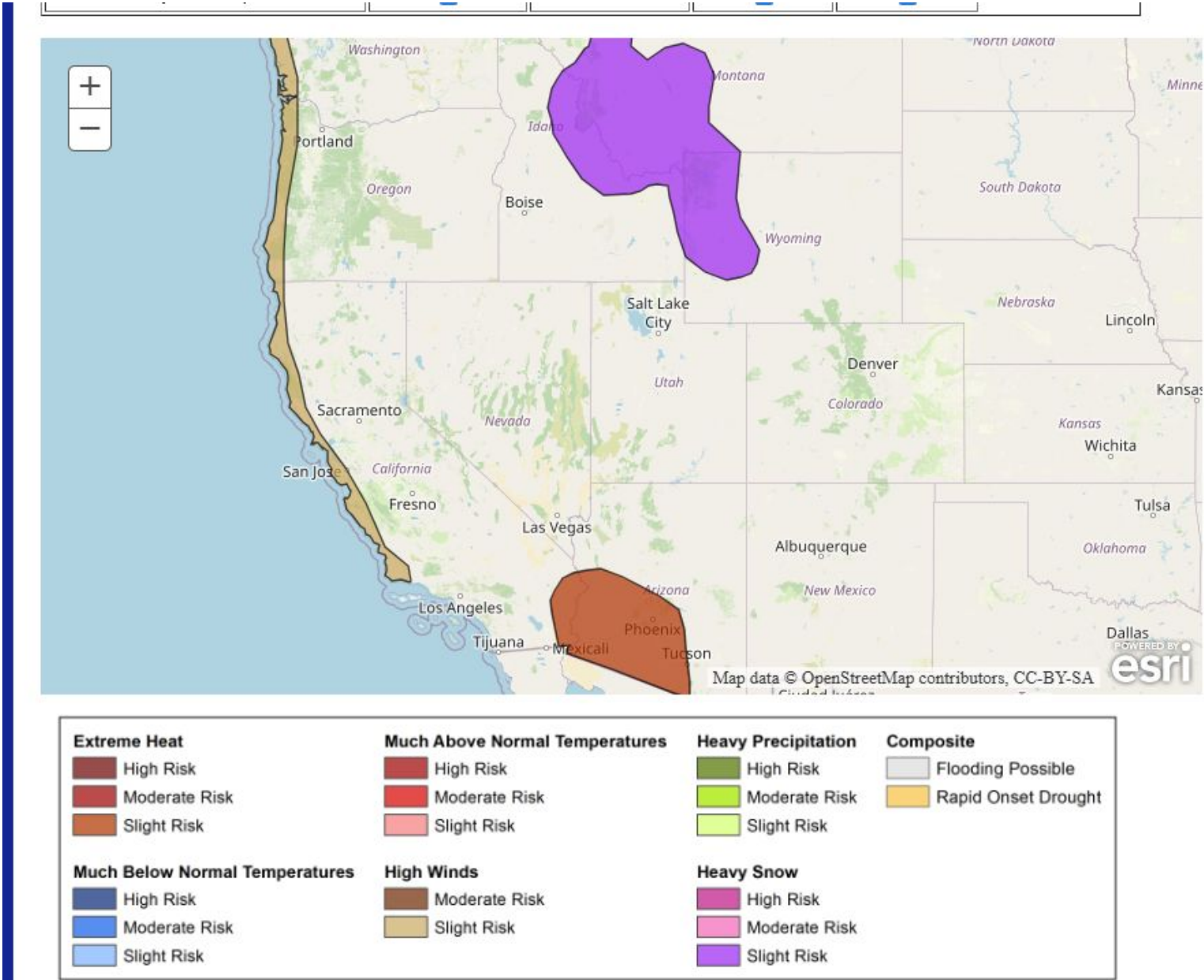


Probability of Above-Normal Precipitation

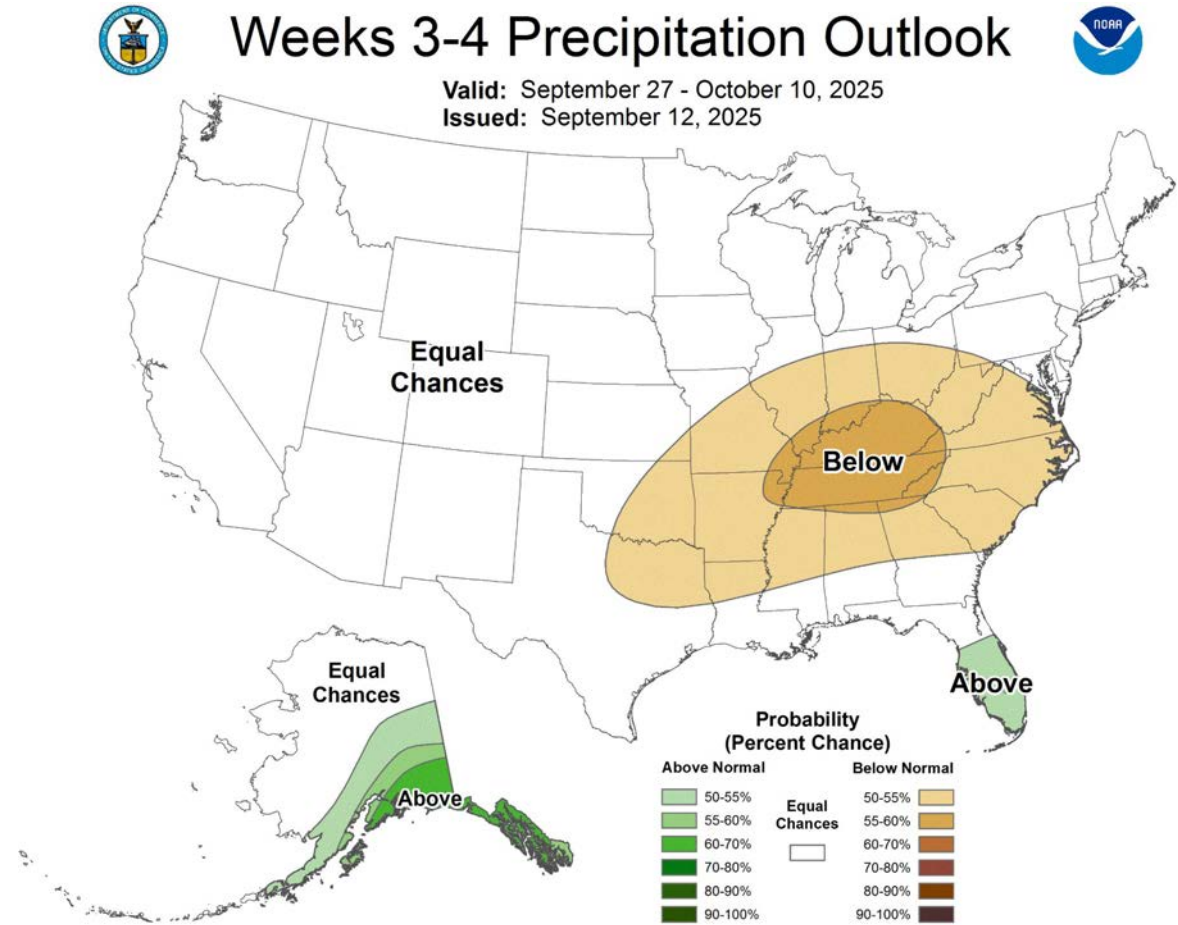
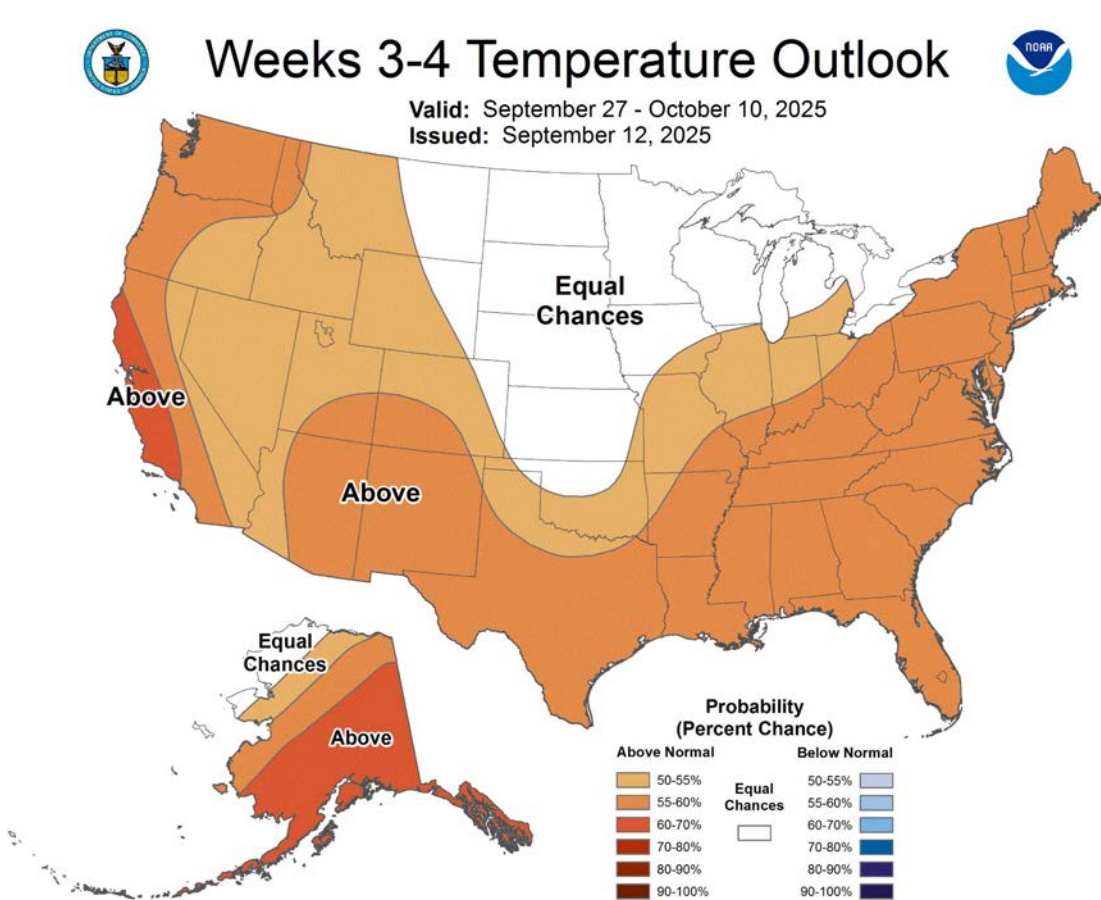


■ Near-Normal Conditions

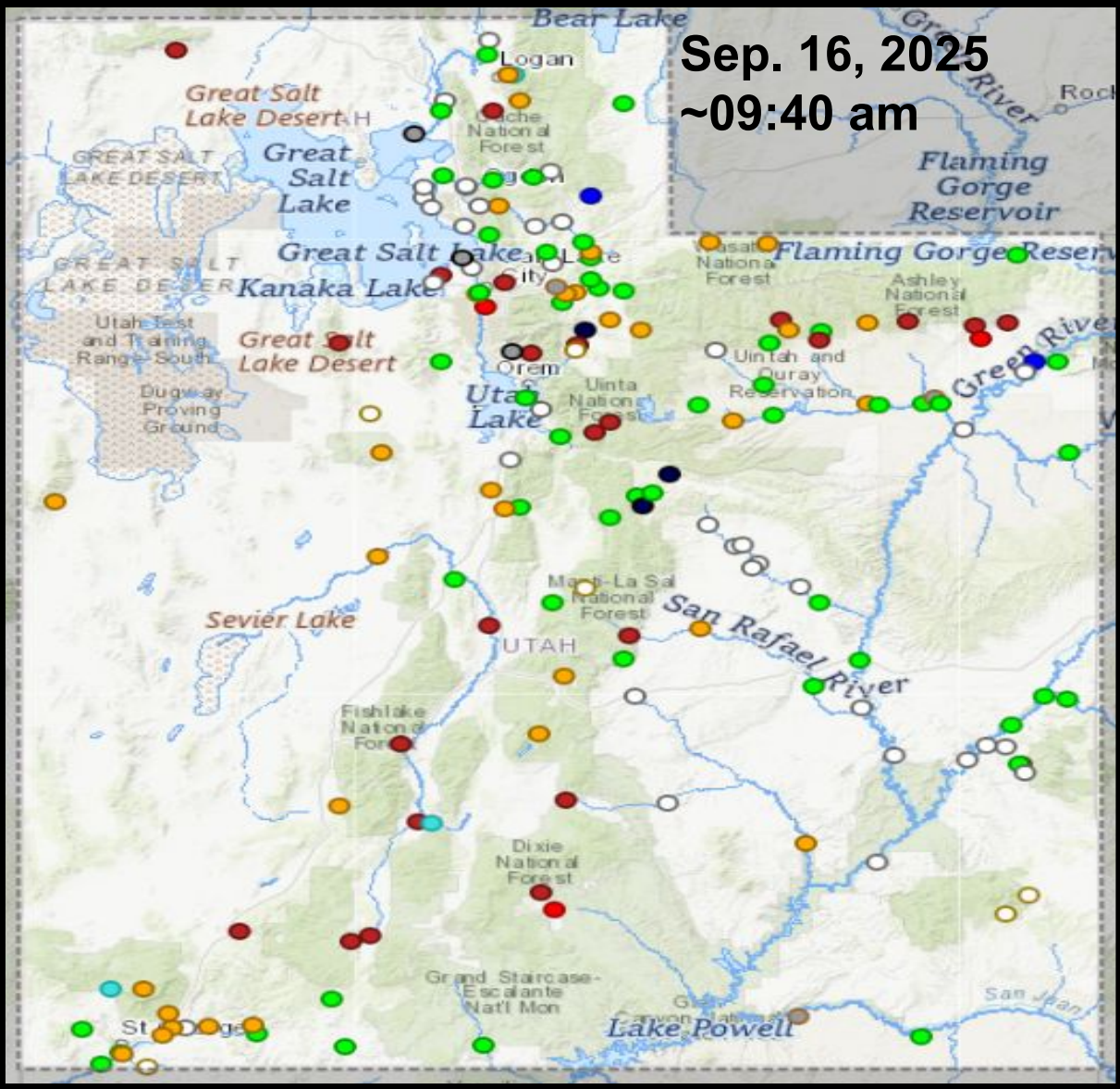
Climate Prediction Center U.S. Week-2 Hazards Outlook



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



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

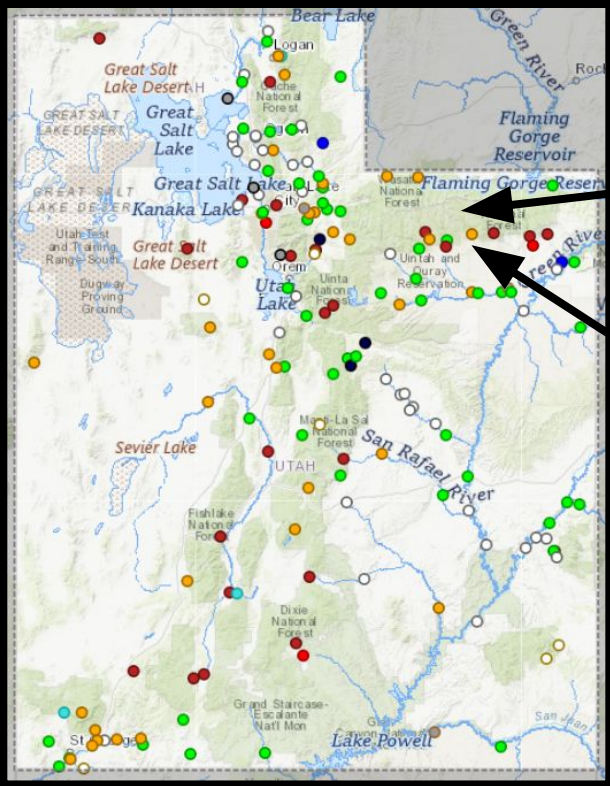
- Above flood stage
- All-time high for this day 100th percentile (maximum)
- Much above normal >90th percentile
- Above normal 76th – 90th percentile
- Normal 25th – 75th percentile
- Below normal 10th – 24th percentile
- Much below normal <10th percentile
- All-time low for this day 0th percentile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

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

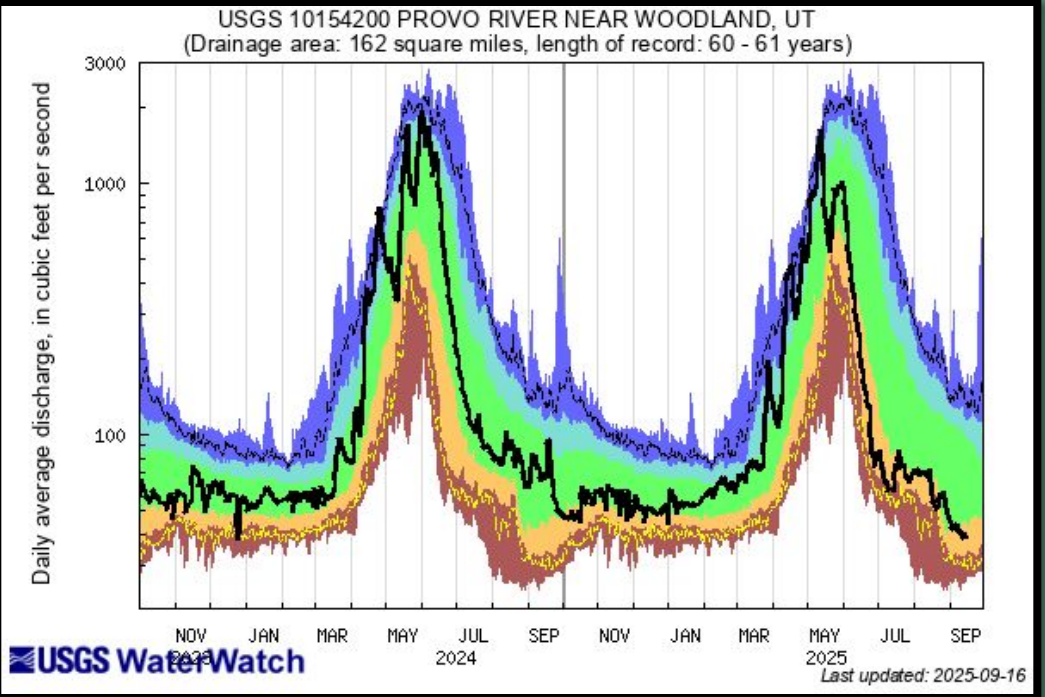
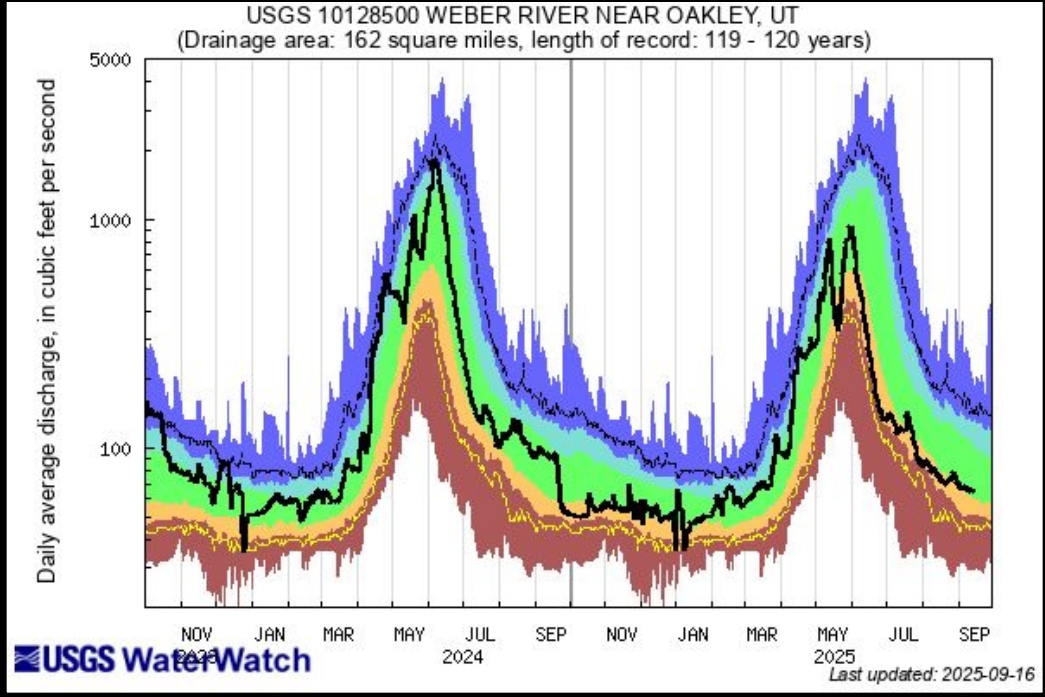


National Water Dashboard

Streamflow at Selected Gages

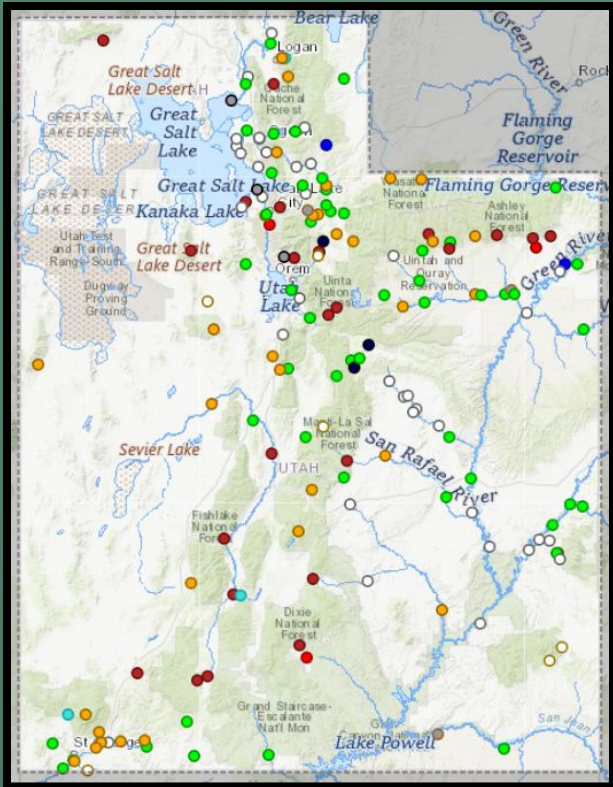


Explanation - Percentile classes						
lowest-10th percentile	5	10-24	25-75	76-90	95	90th percentile-highest
Much below Normal	Below normal	Normal	Above normal	Much above normal		Flow

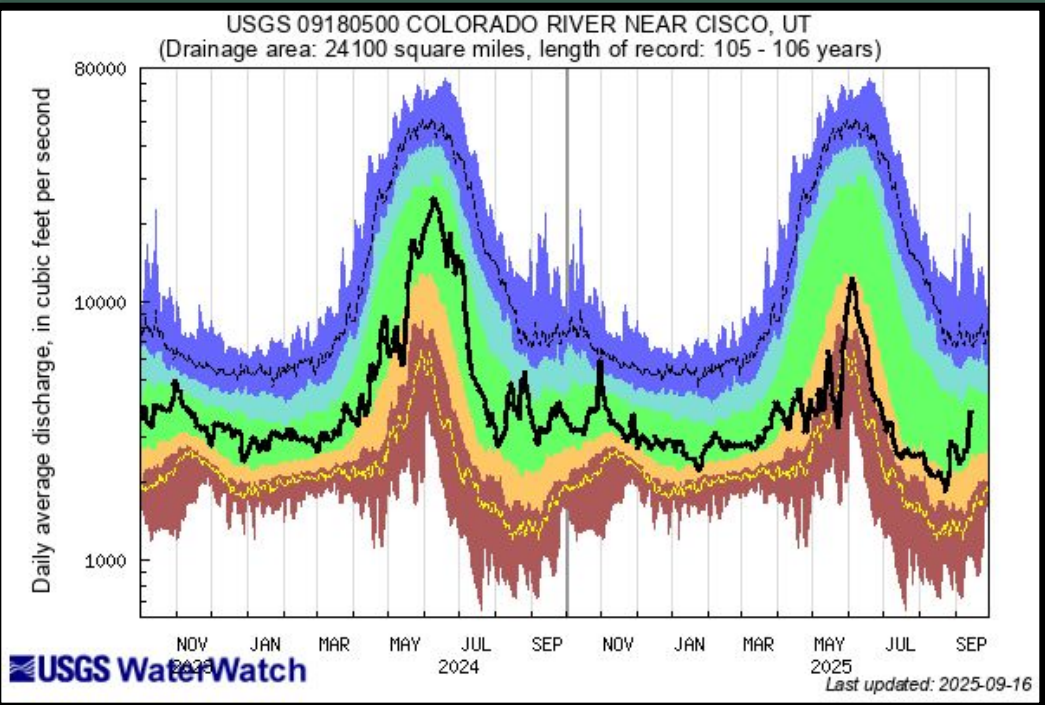
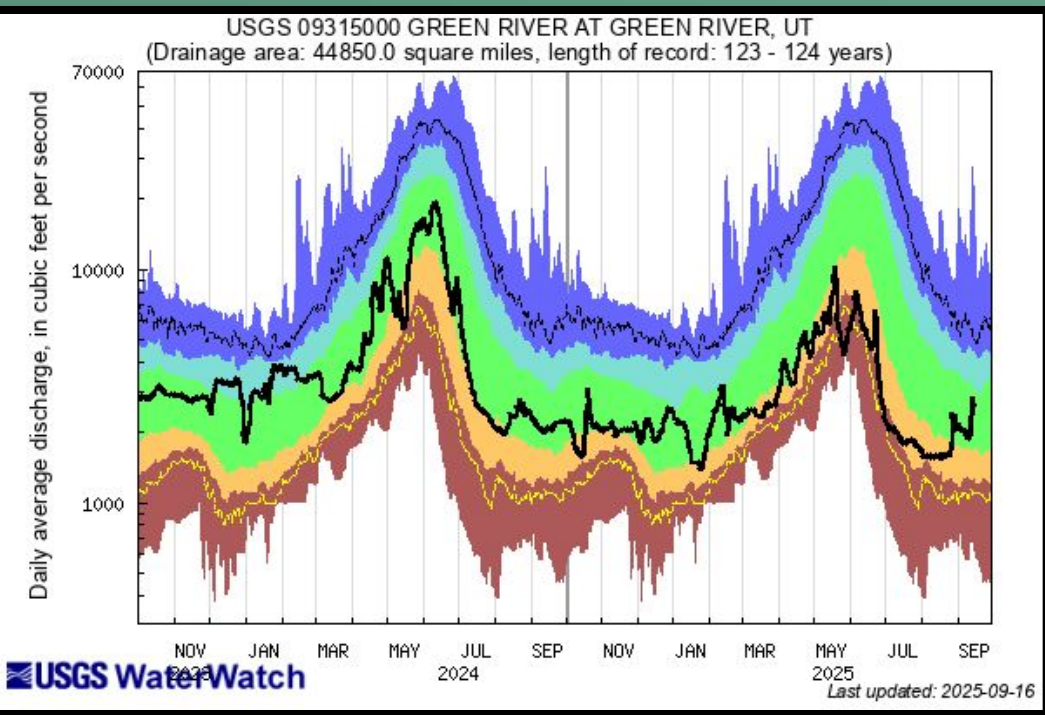


Provisional data, subject to revision

Streamflow at Selected Gages

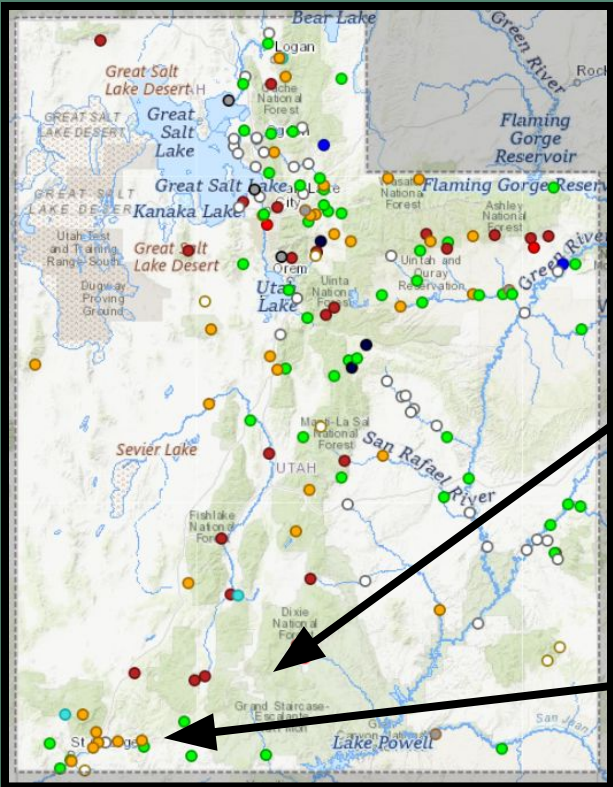


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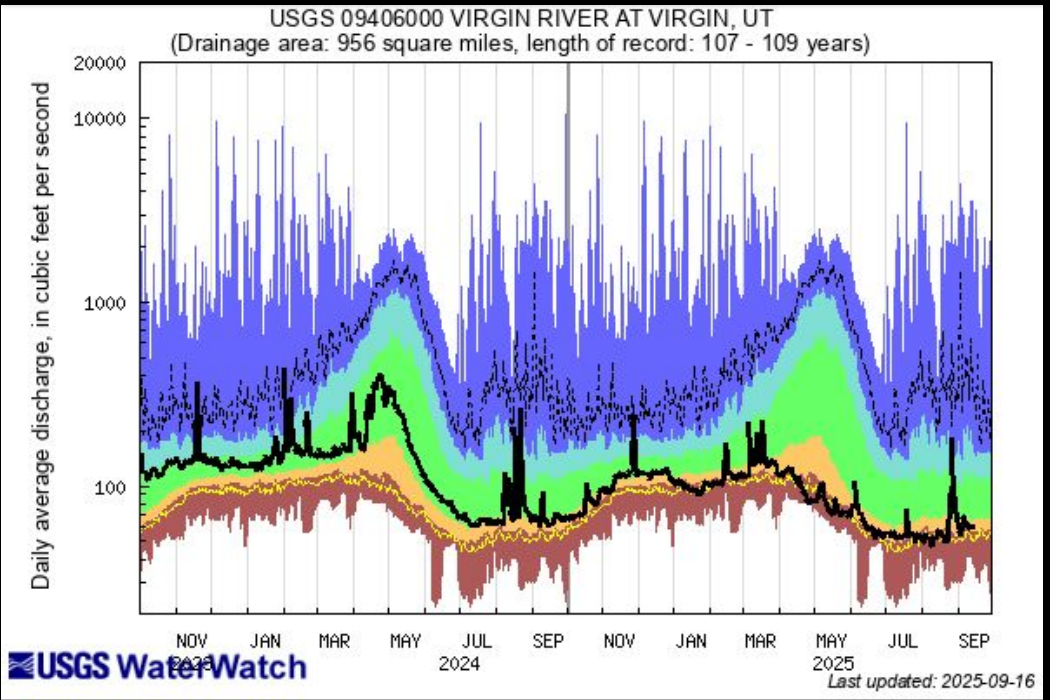
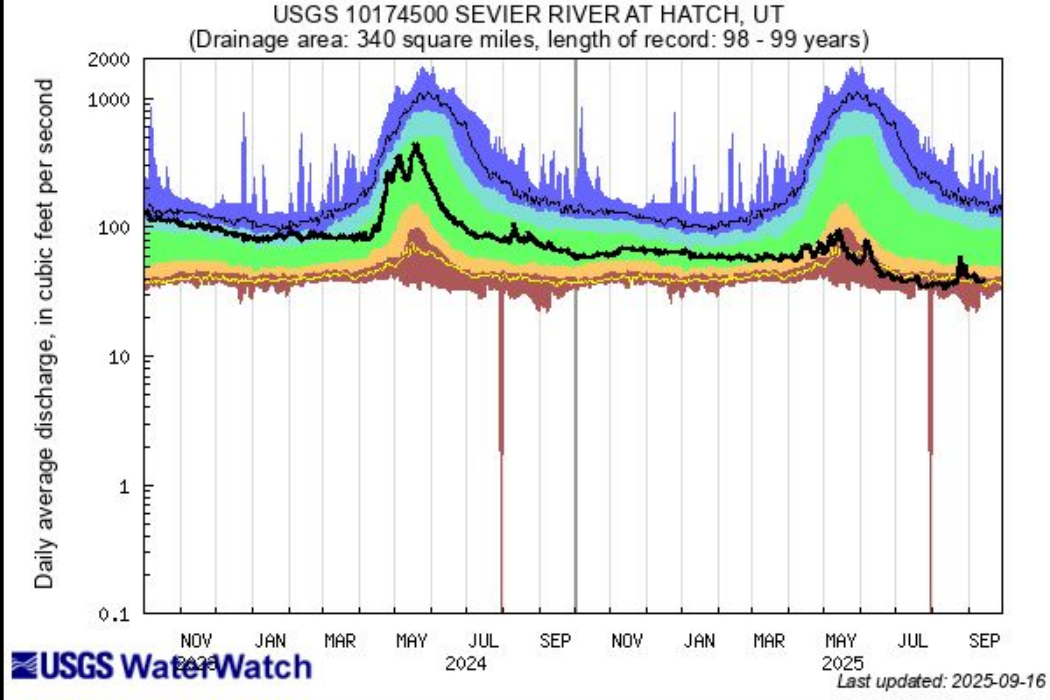


Provisional data, subject to revision

Streamflow at Selected Gages

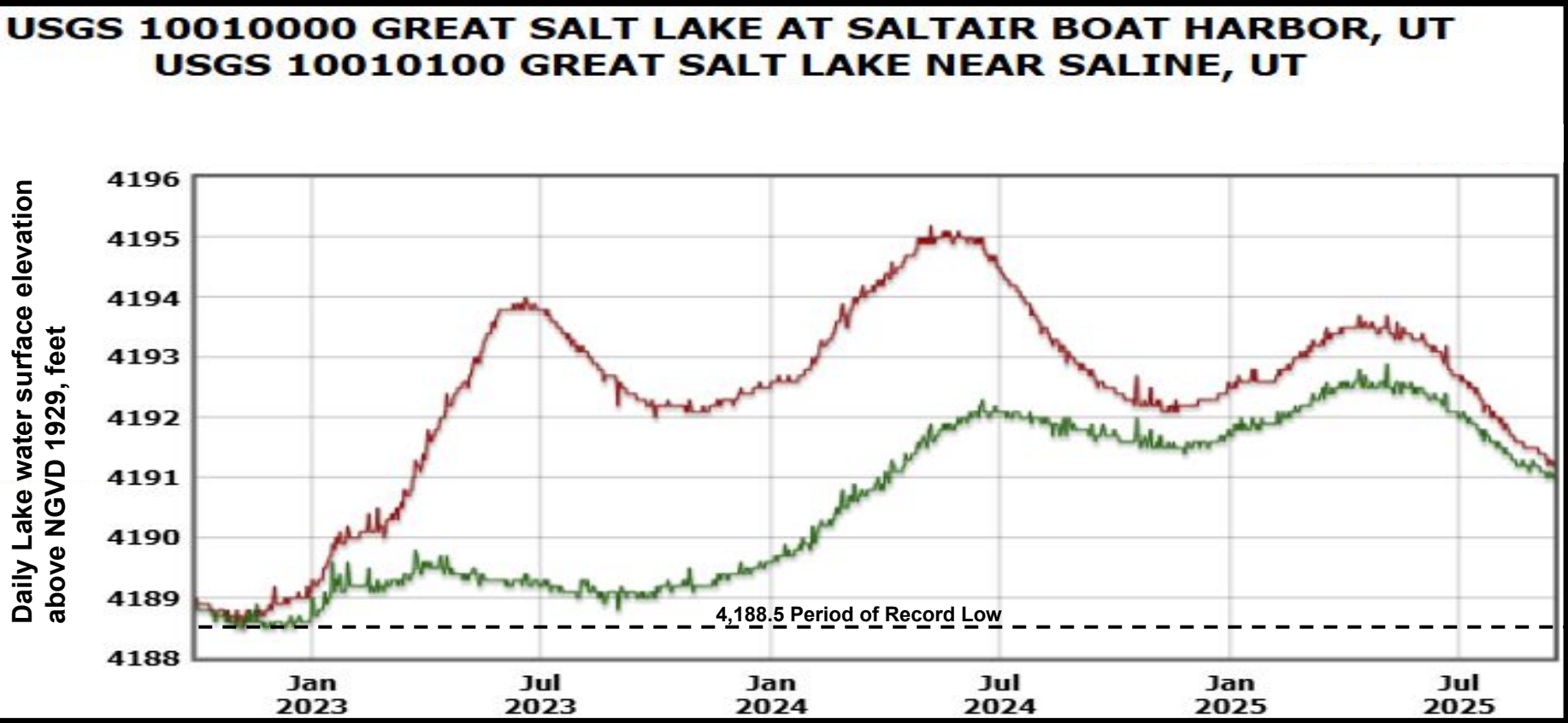


Explanation - Percentile classes							Flow
lowest-10th percentile	5	10-24	25-75	76-90	95	90th percentile - highest	
Much below Normal	Below normal	Normal	Above normal	Much above normal			



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 9/15/2025

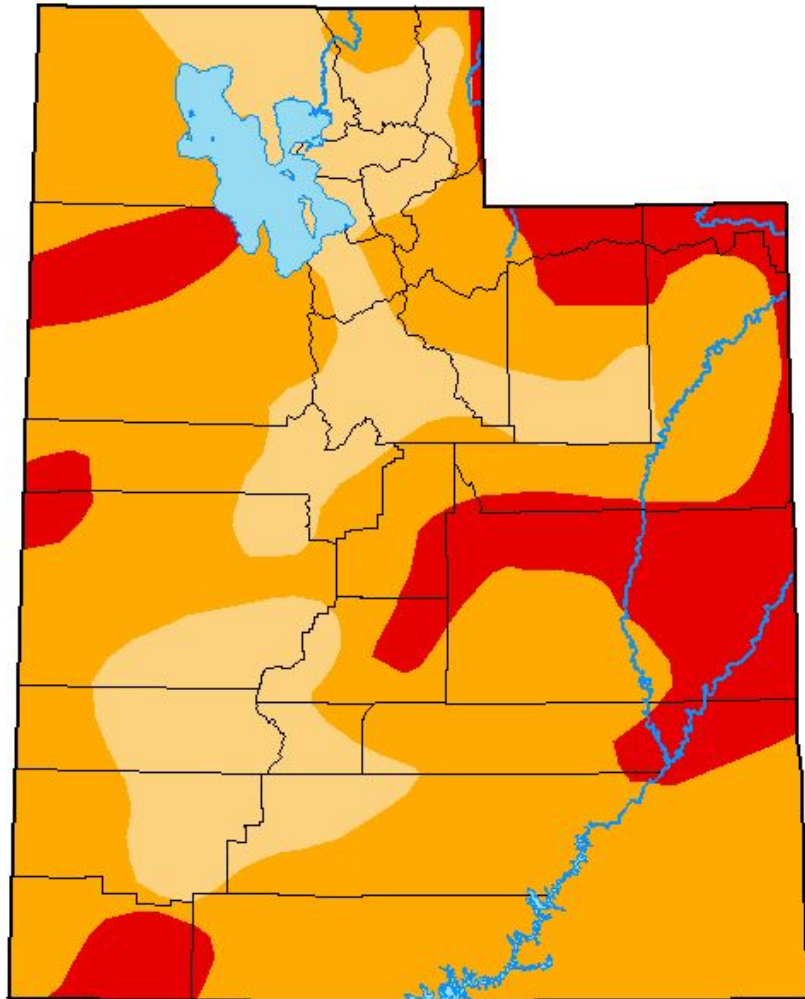
- ❑ South Arm: 4,191.3'
- ❑ Down 2.4' since seasonal high in Apr. and May 2025
- ❑ North Arm: 4,191.1'
- ❑ Down 1.8' since seasonal high in May 2025

U.S. Drought Monitor

Utah September 9, 2025

(Released Thursday, Sep. 11, 2025)

Valid 8 a.m. EDT



Intensity:



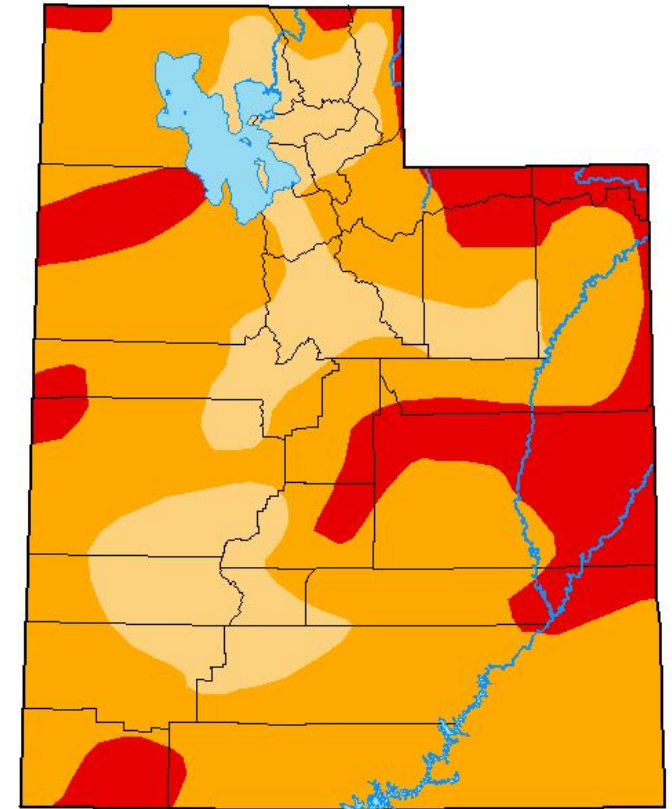
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

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