



# Utah Water Conditions (drought webinar)

The meeting will begin shortly



Thank you to our contributors

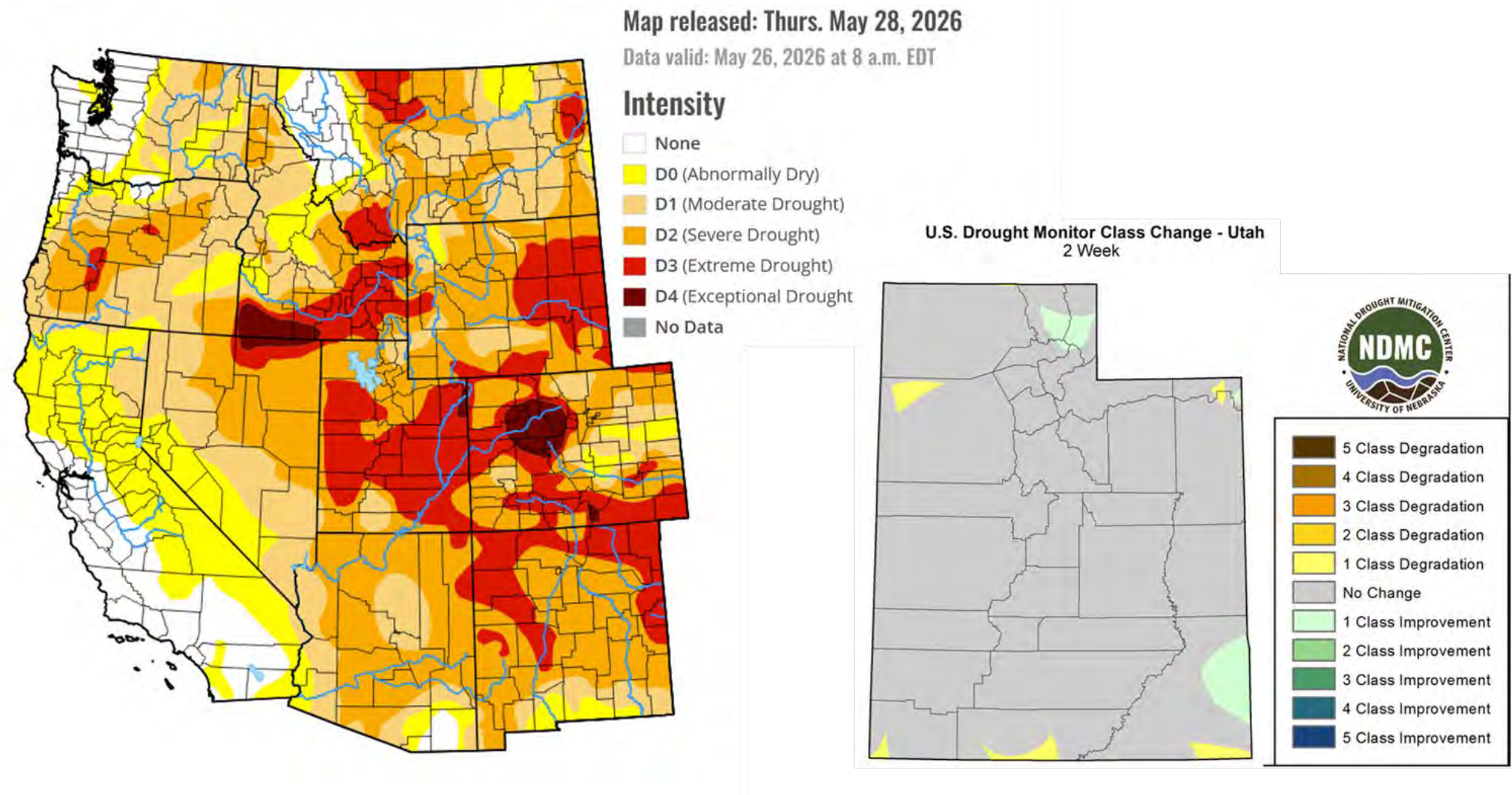




# Utah Water Conditions Update

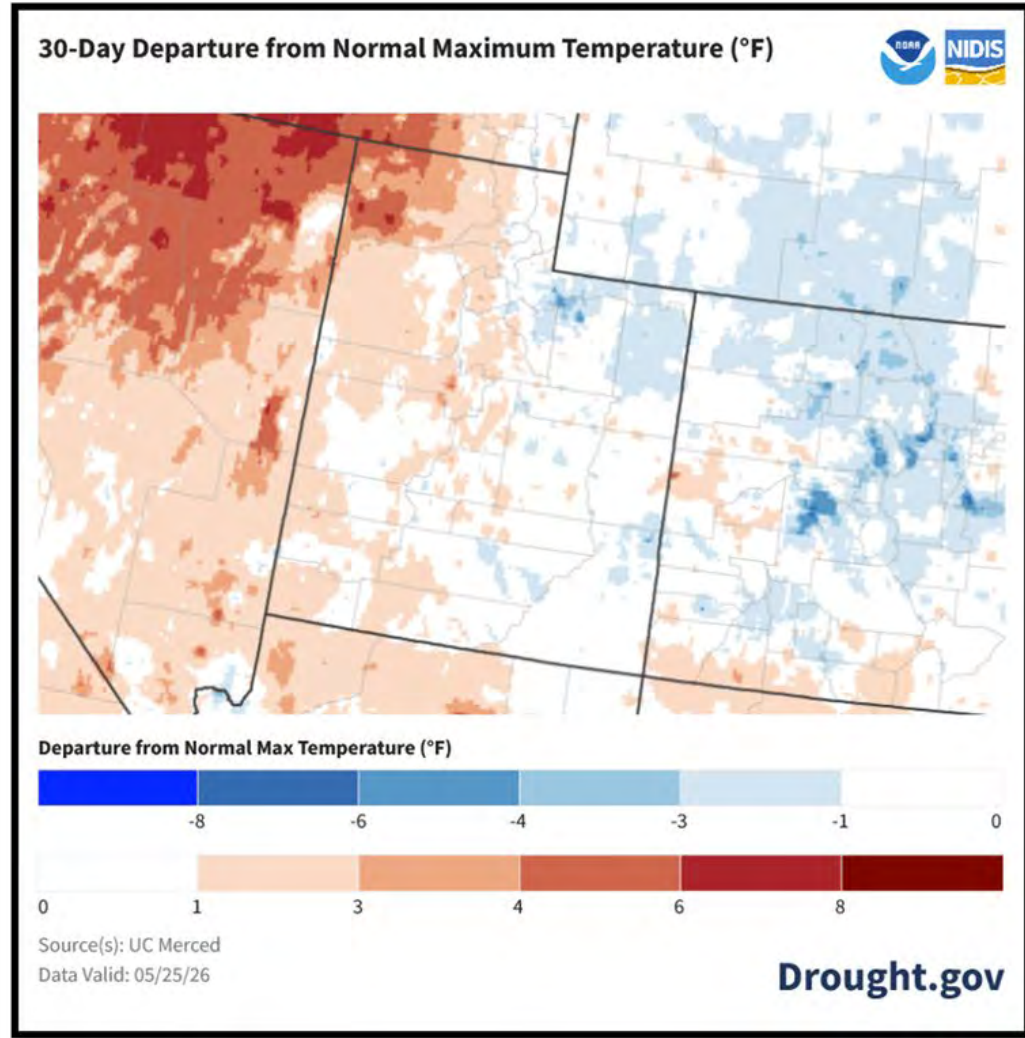
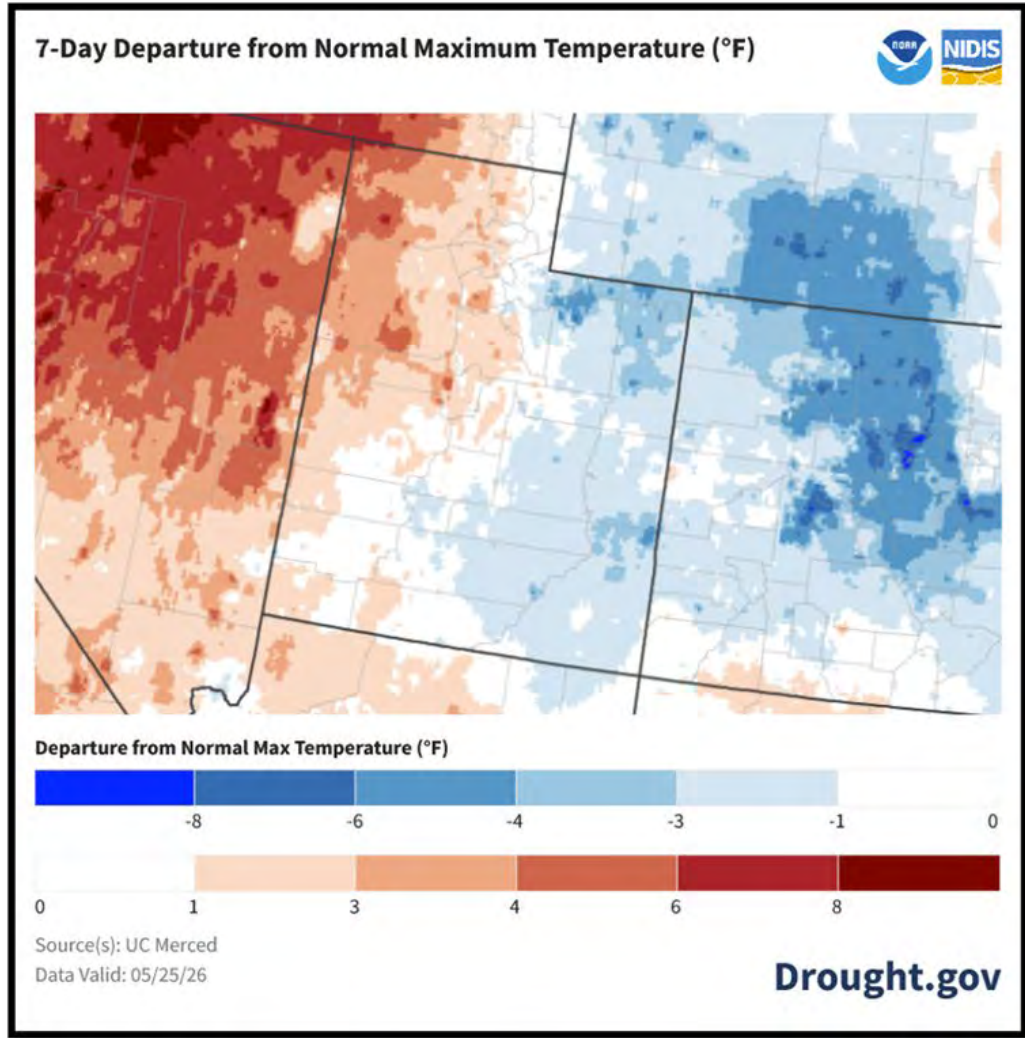
**June 2, 2026**

# Drought Condition Summary

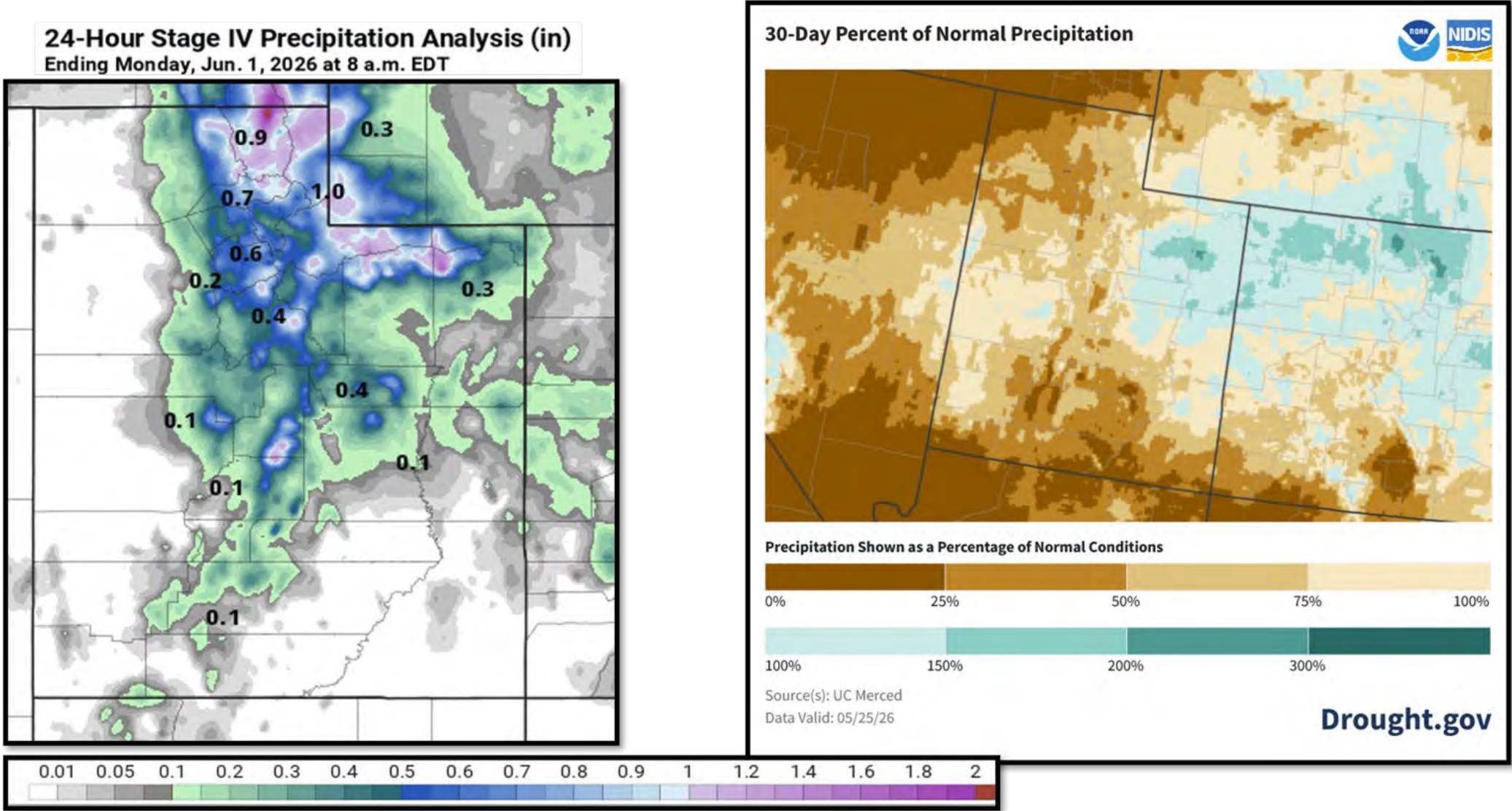




# Temperature Summary

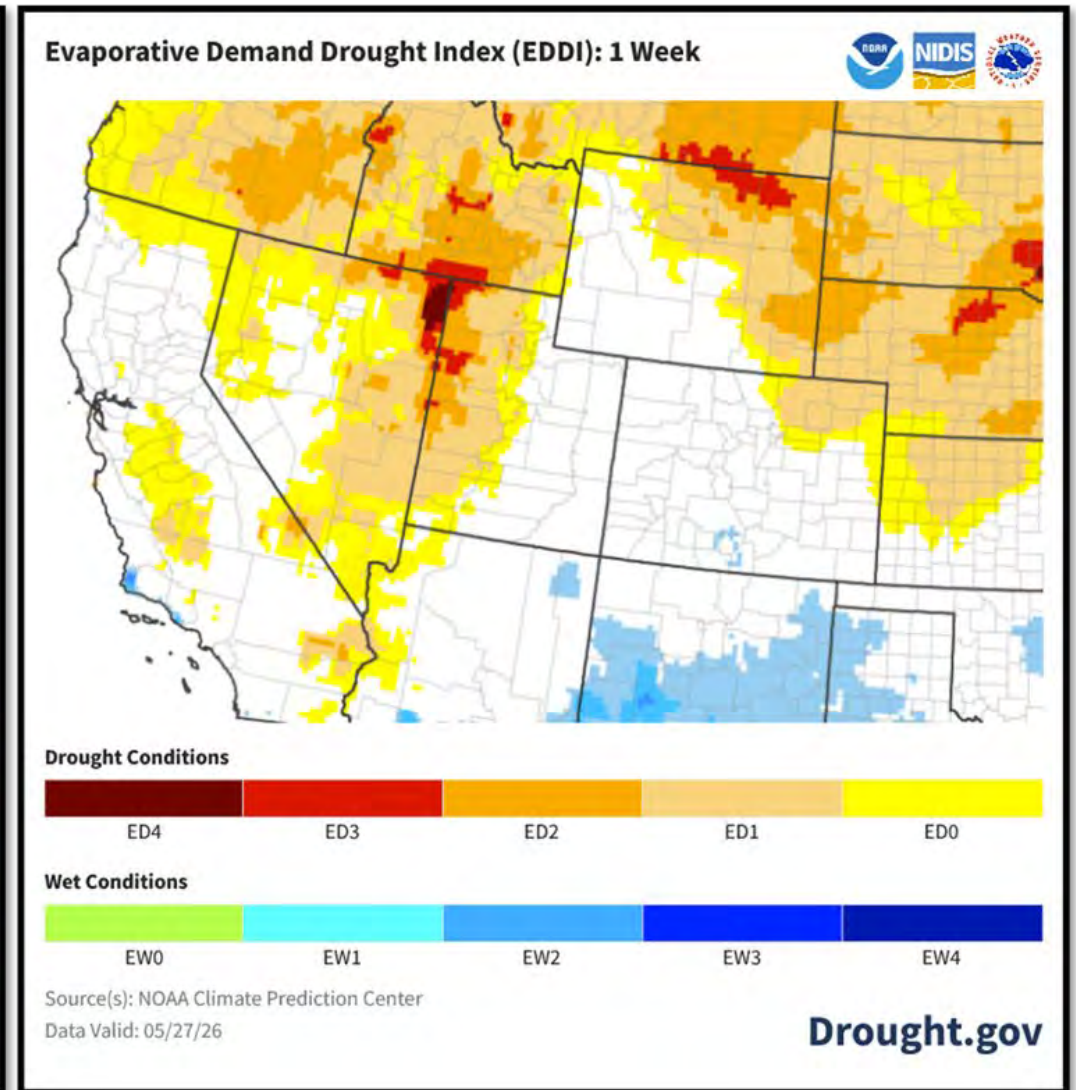
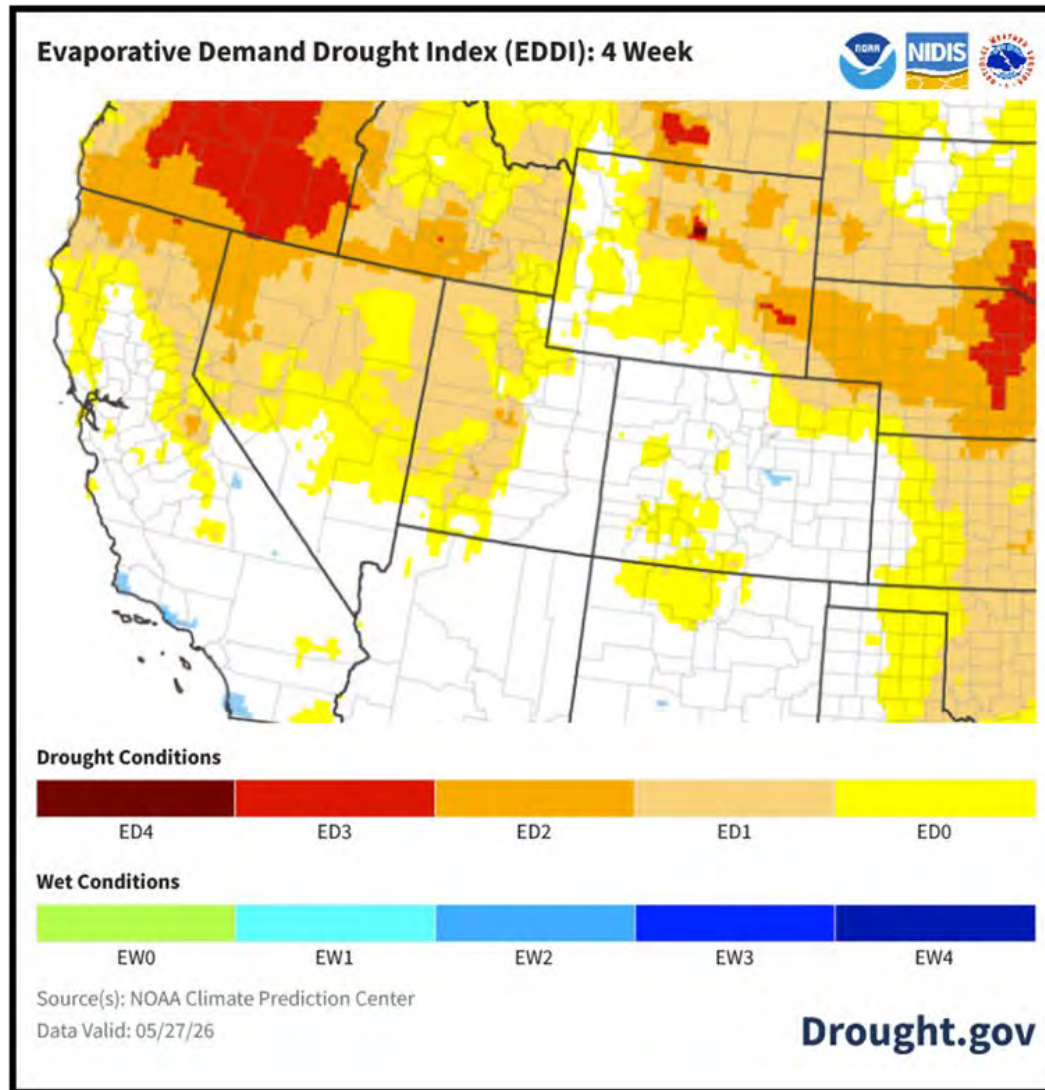


# Precipitation Summary





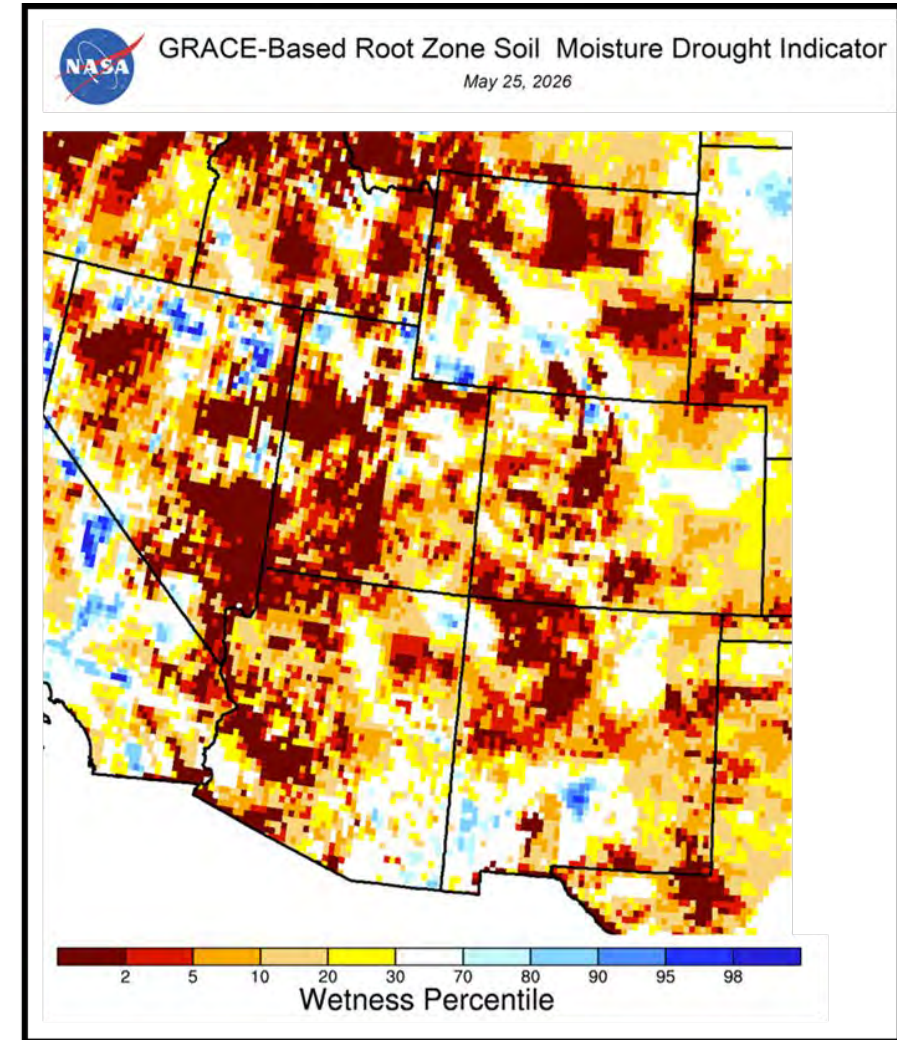
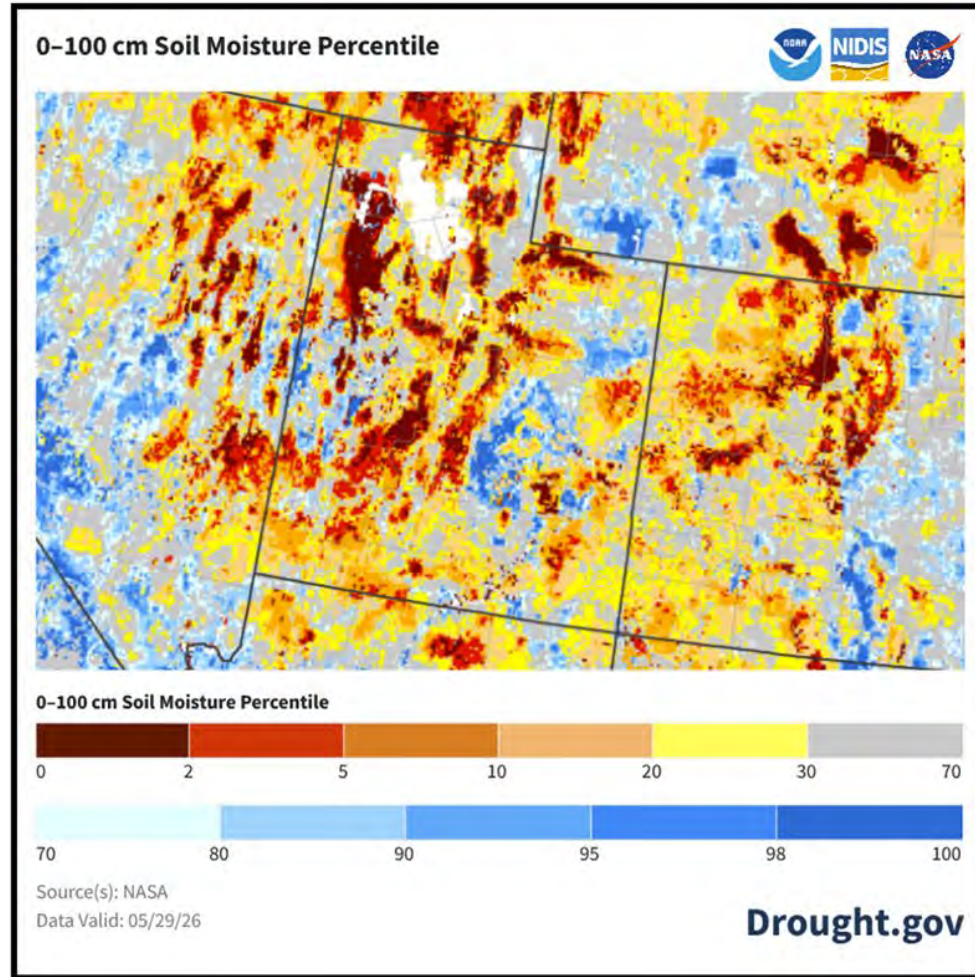
# Recent Evaporative Demand





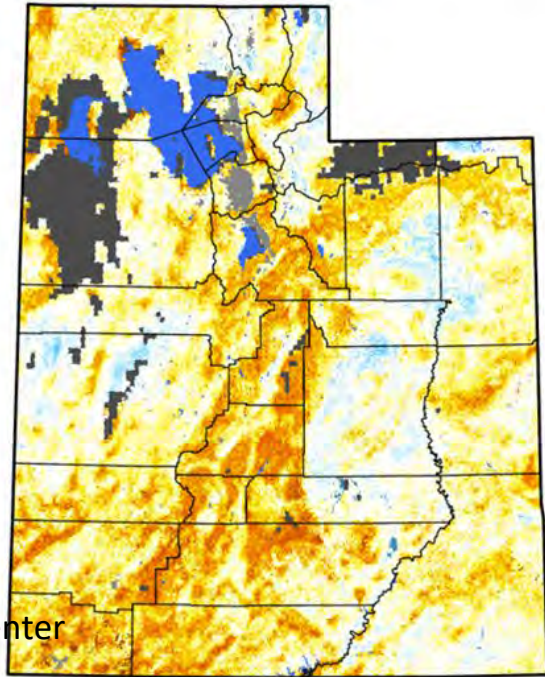
# Soil Moisture Perspectives

## NASA SPoRT-LIS Model



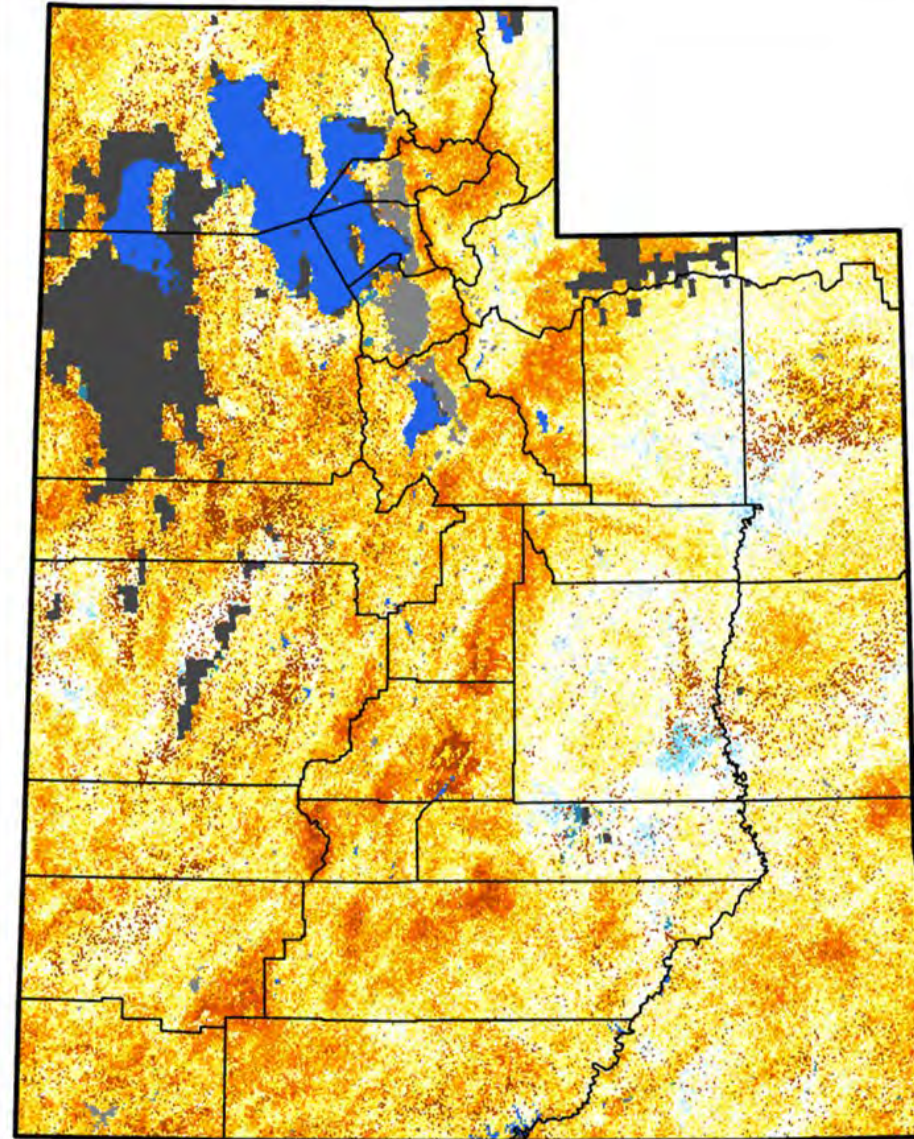


# Short-Term Drought Pressure



Agency - Utah Climate Center  
Presenter - Jon Meyer

## Quick-Drought Response Index



May 31, 2026  
(Week 22)

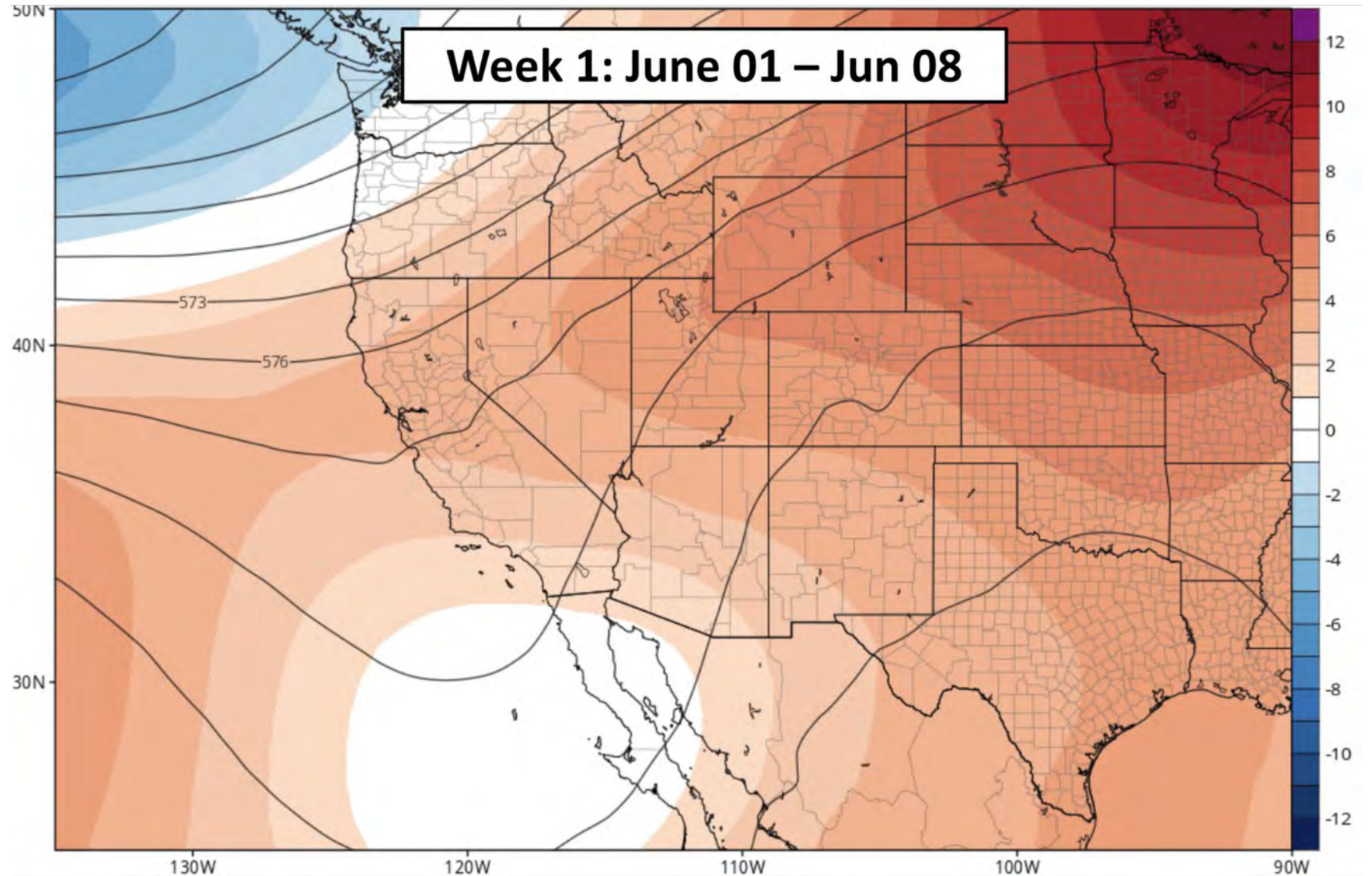
Conditions Relative to  
4-Week Historical Average



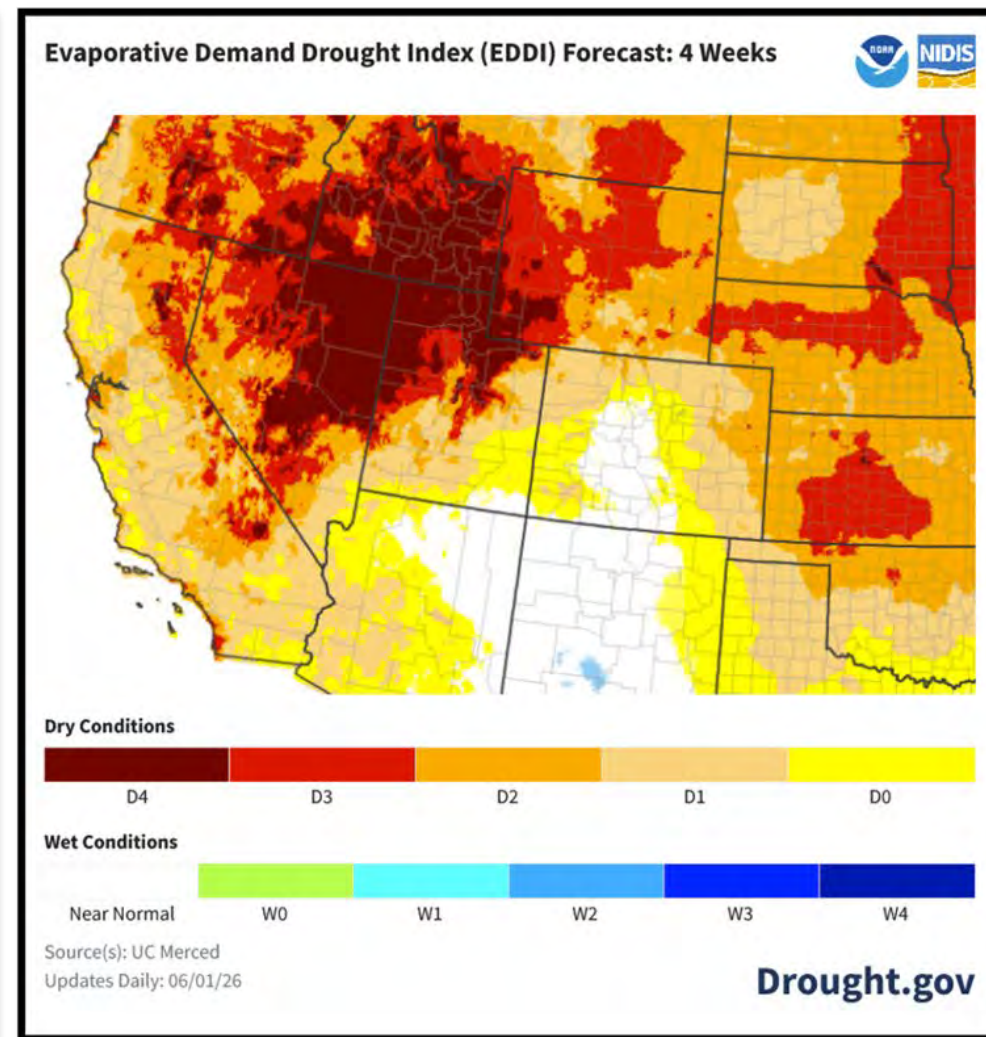
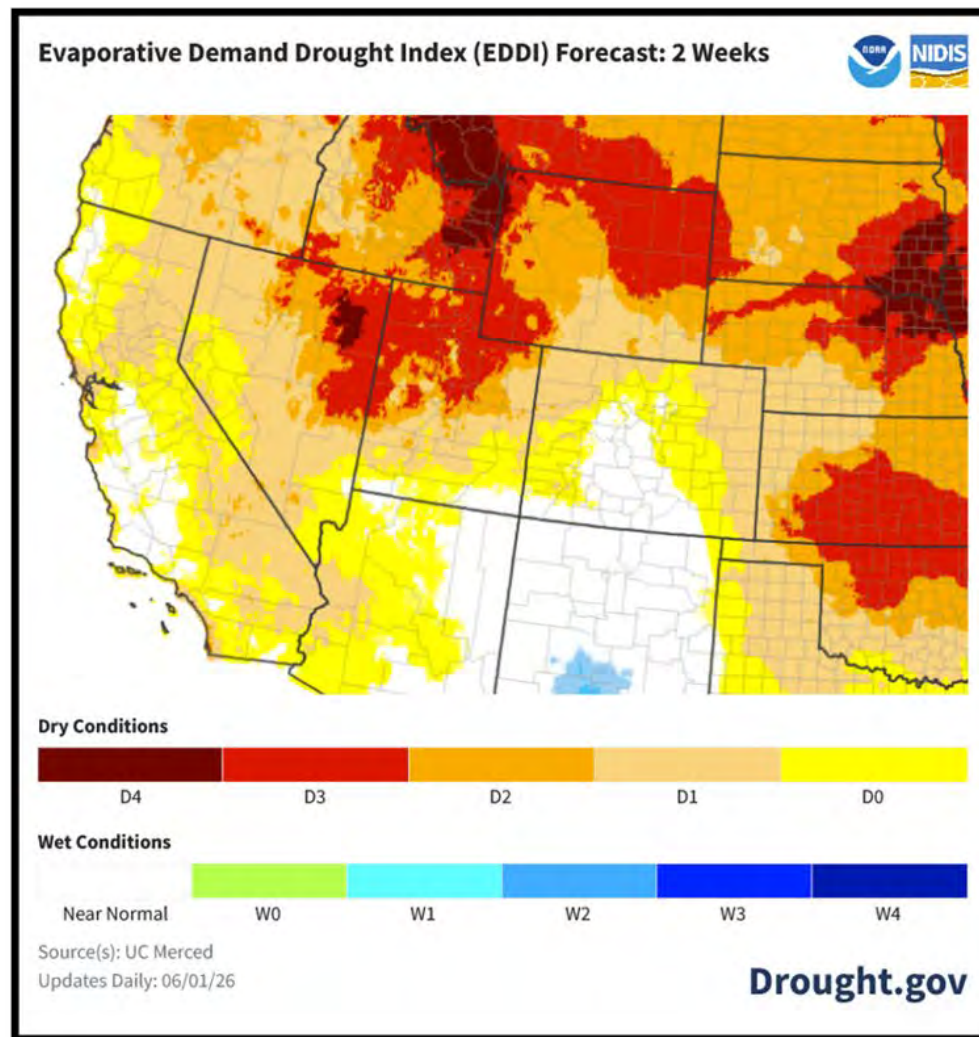


# Weekly Weather Pattern Outlook

CFSv2 Weekly Weather Pattern Composite

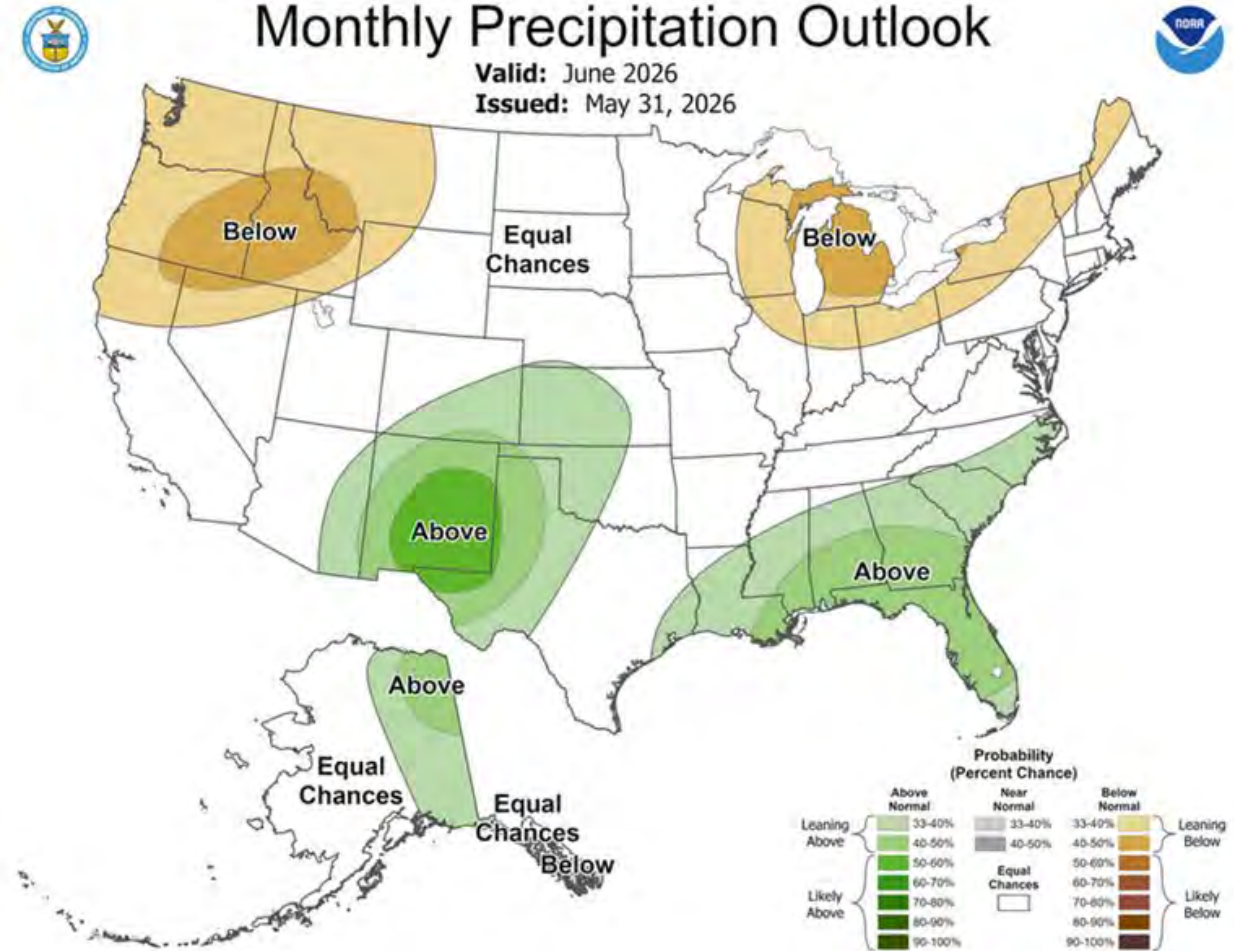
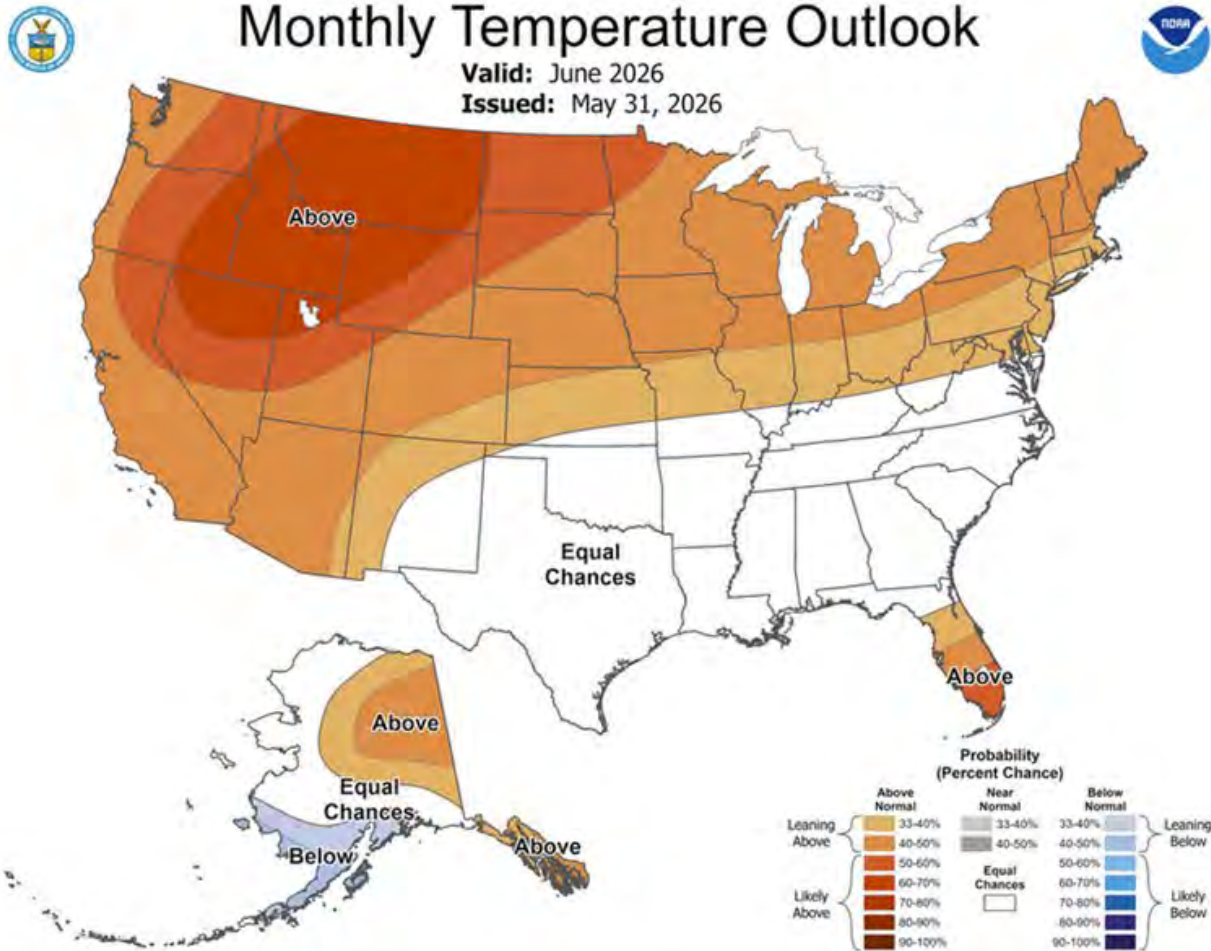


# EDDI Outlook





# June Outlook



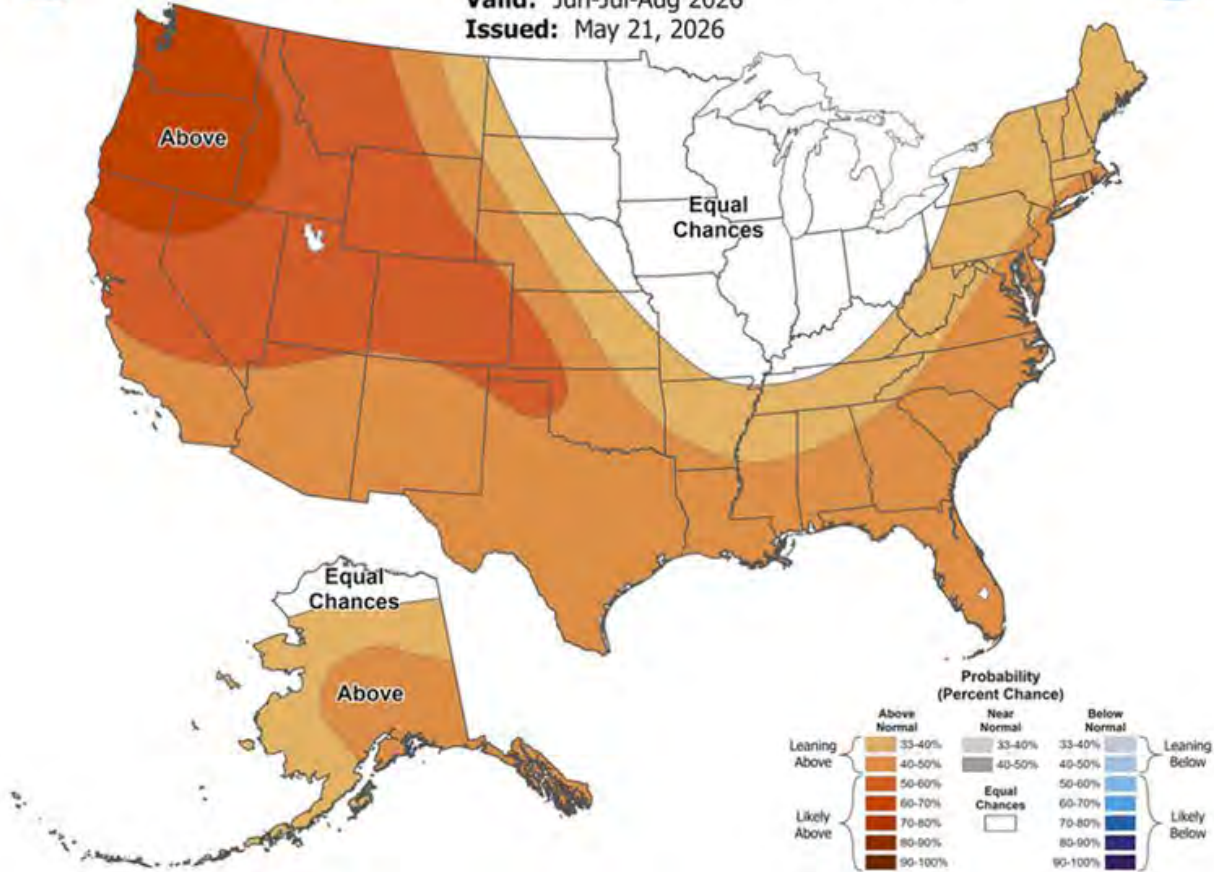
# Summer Outlook



## Seasonal Temperature Outlook

Valid: Jun-Jul-Aug 2026

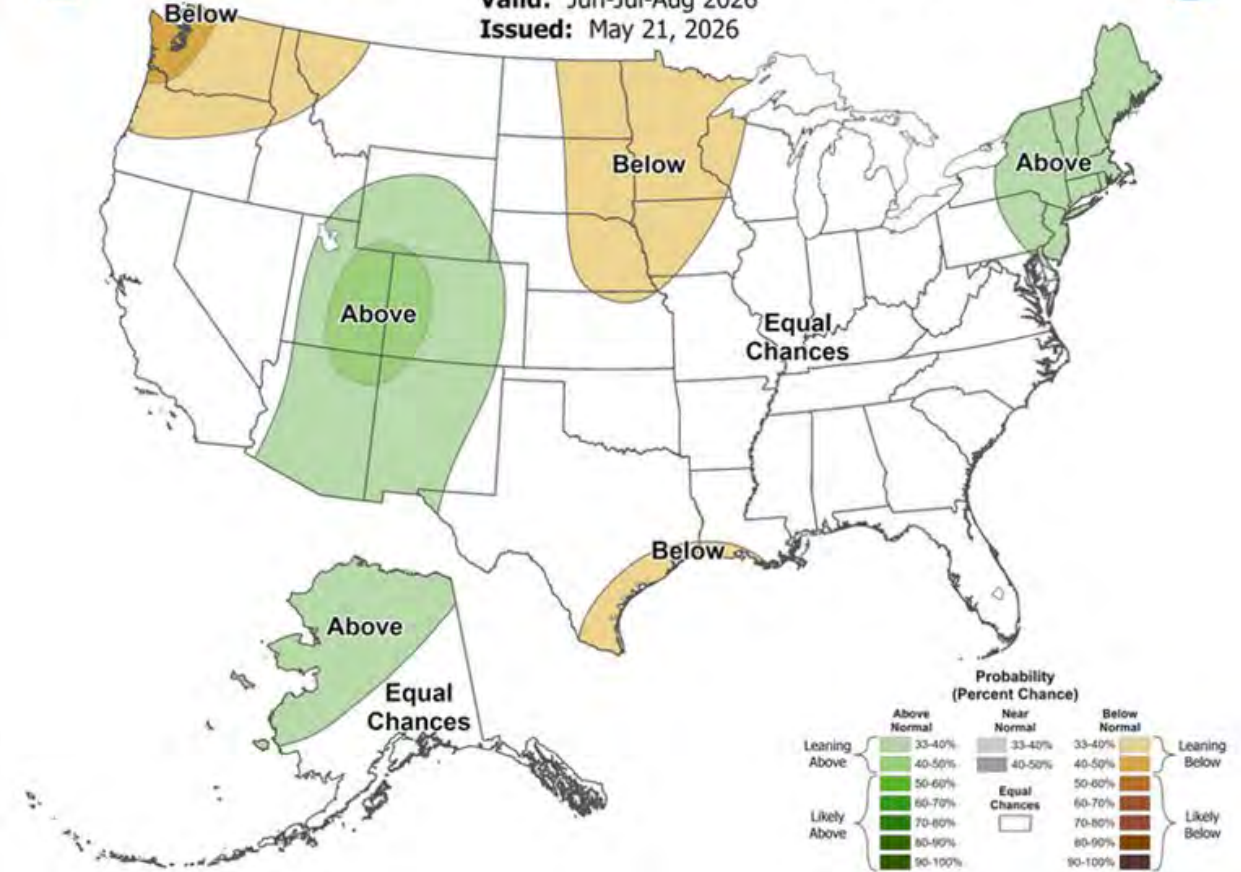
Issued: May 21, 2026



## Seasonal Precipitation Outlook

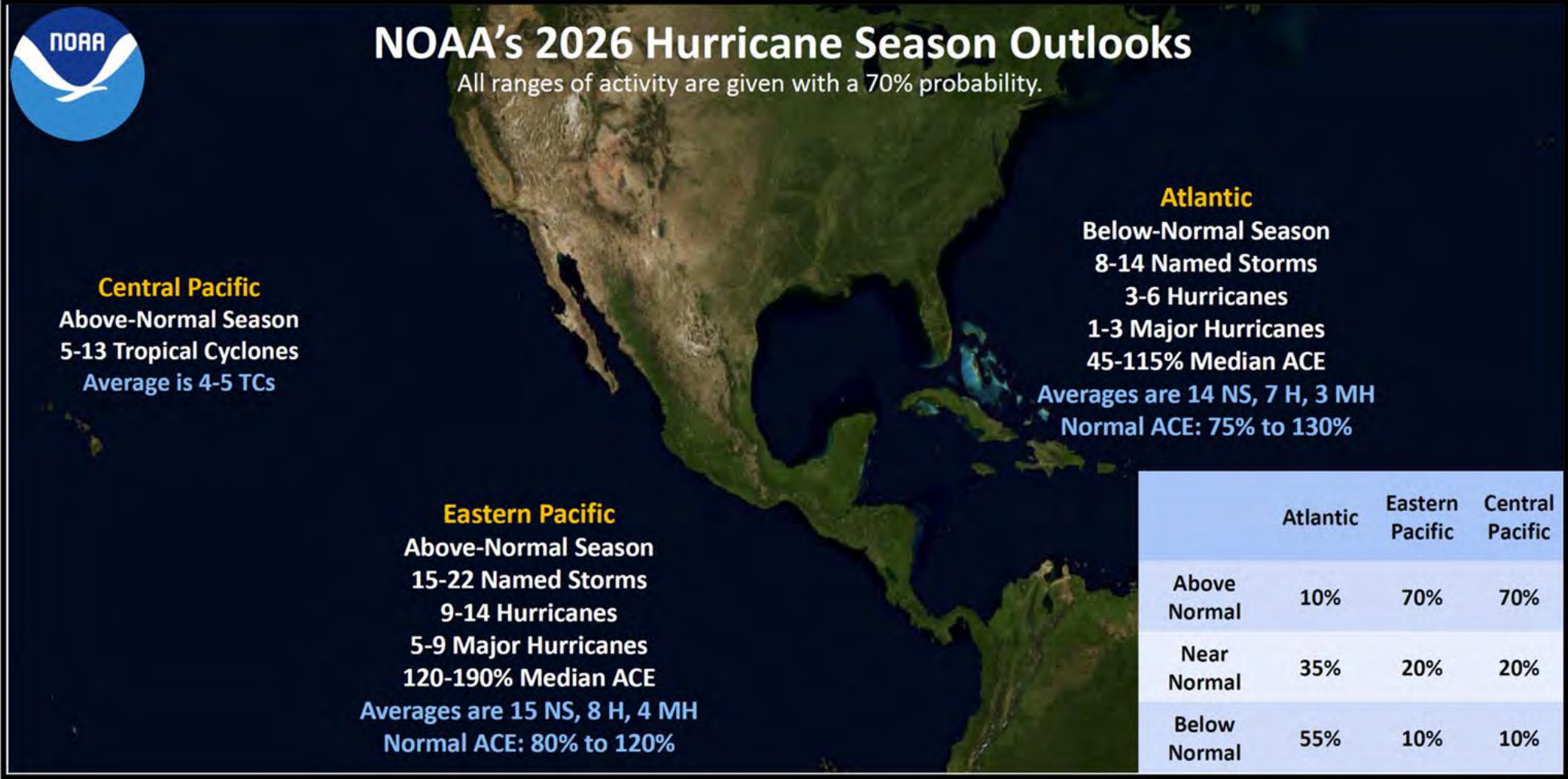
Valid: Jun-Jul-Aug 2026

Issued: May 21, 2026





# Monsoon Outlook Update





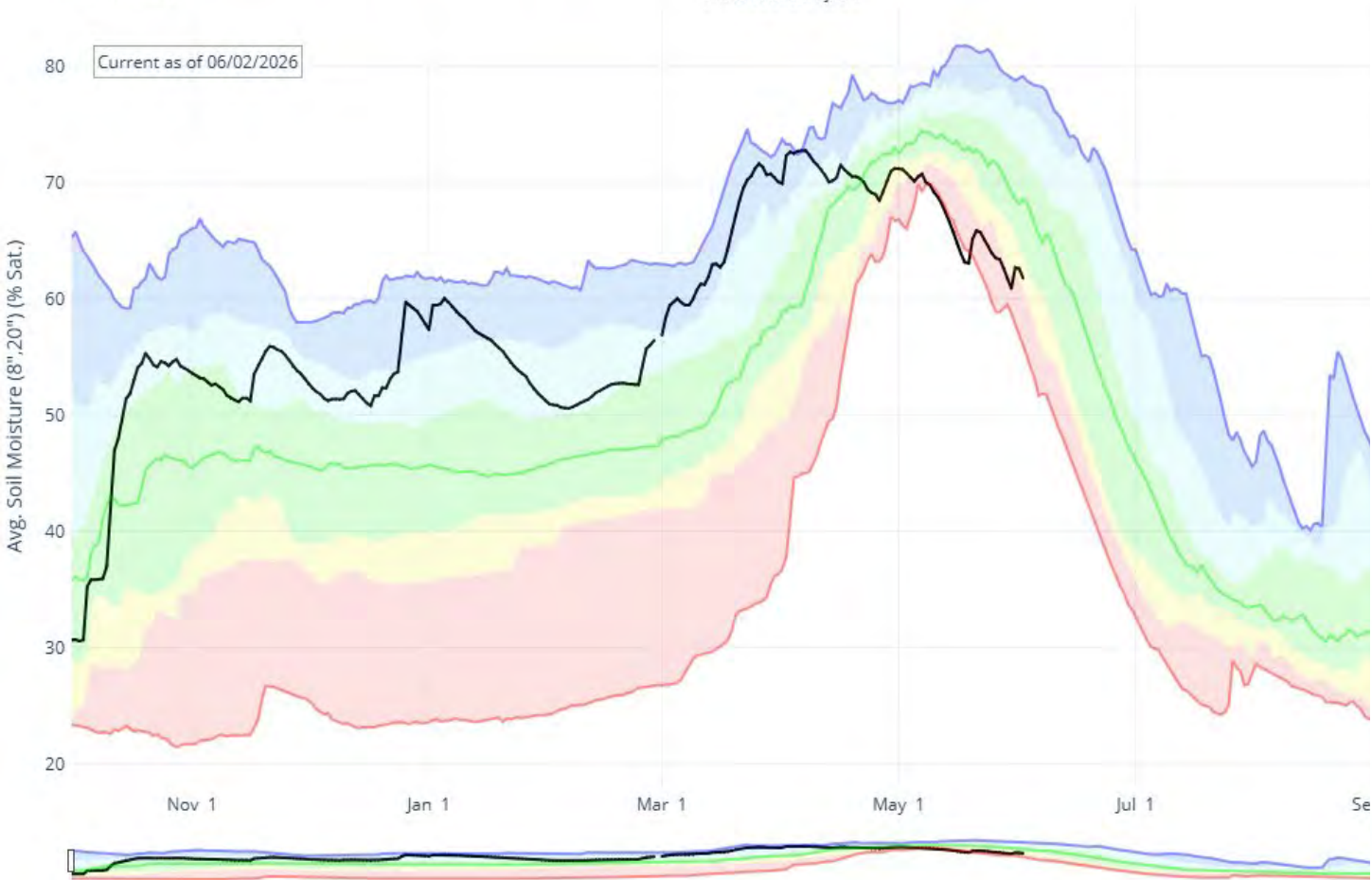
# Soil Moisture

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

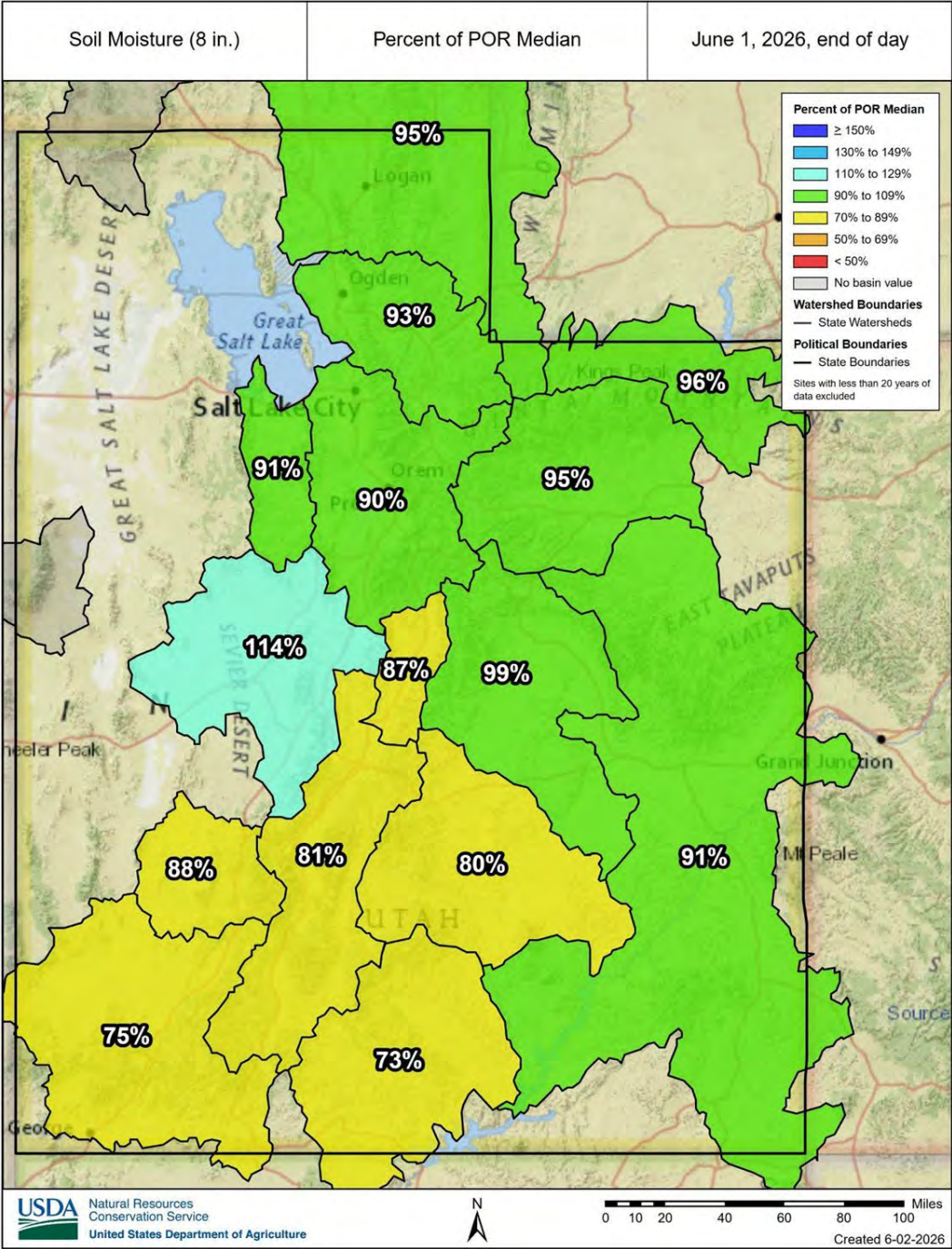
Reset Range

[Link to data: CSV / JSON](#)

Current as of 06/02/2026



Agency – NRCS  
Presenter –



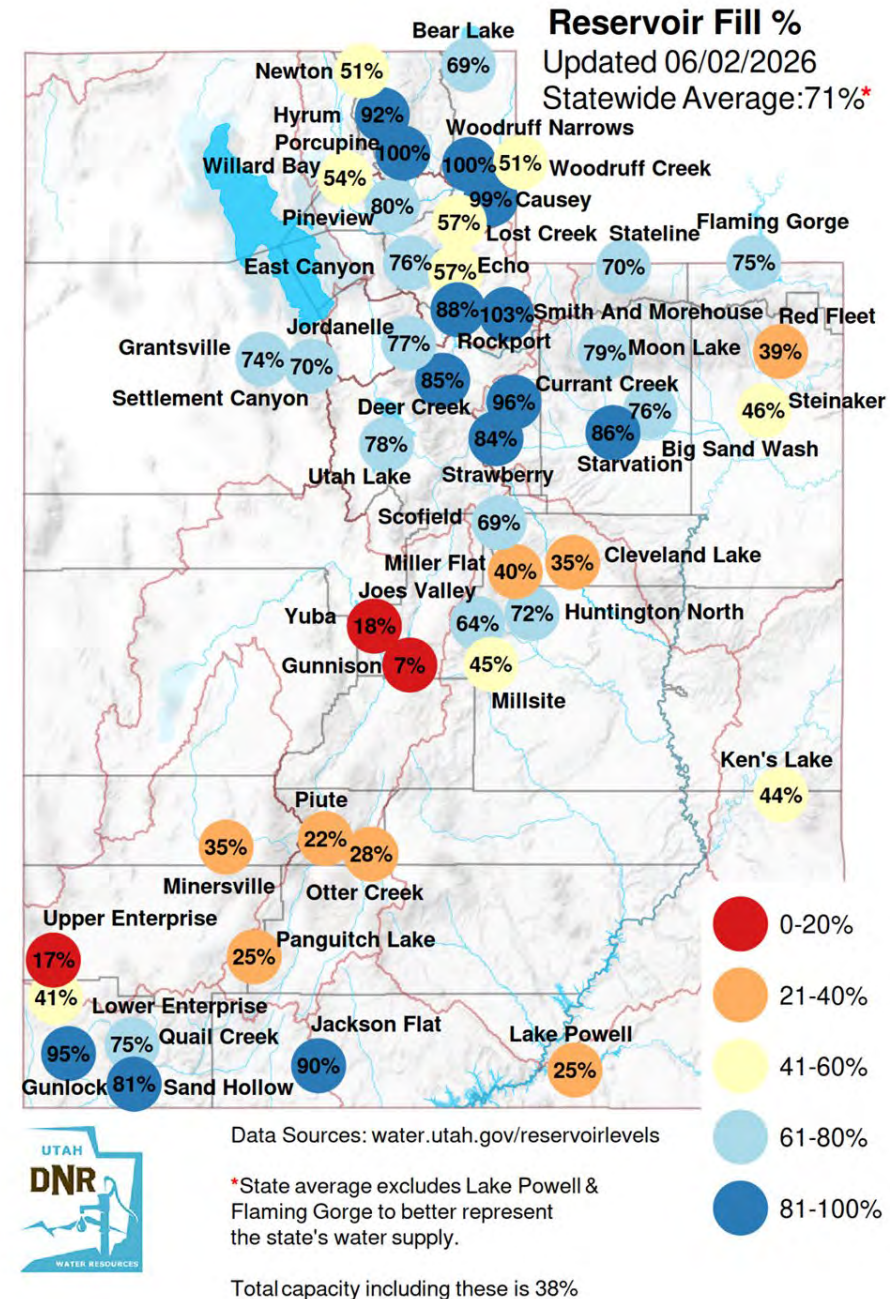


# Statewide Reservoirs

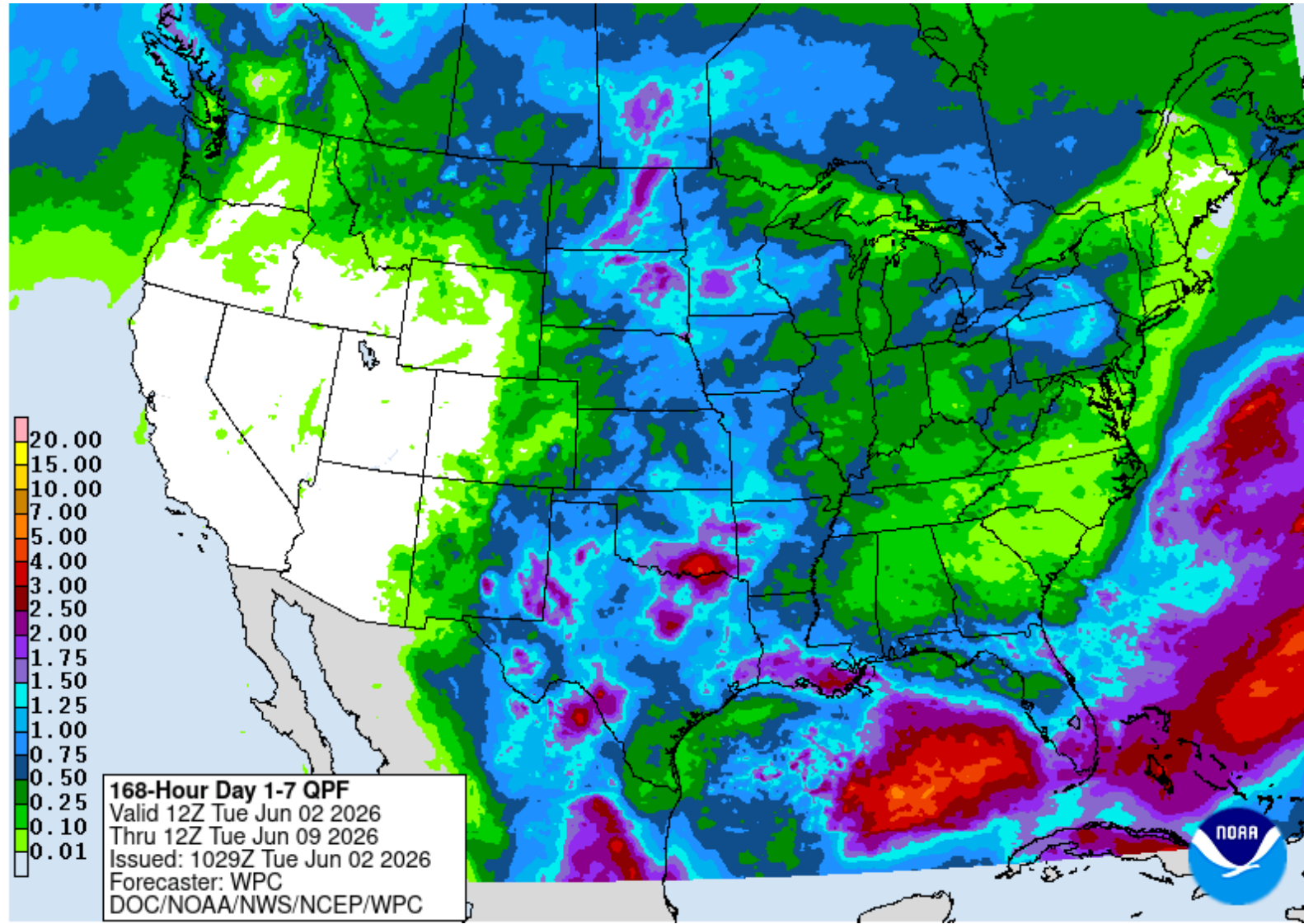
Statewide reservoir storage is 71%

Storage has flatlined

4% below median for this time of year



# Day 1 to 7 Outlook

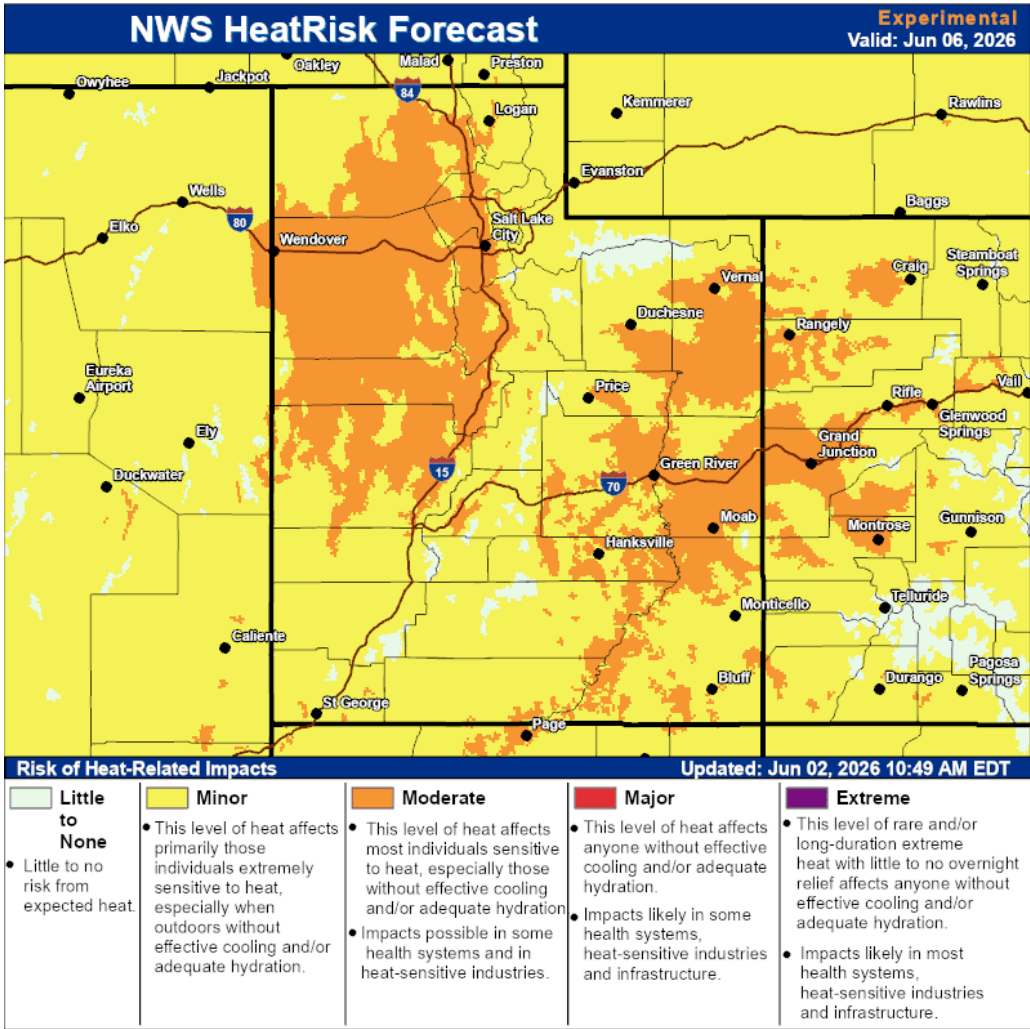
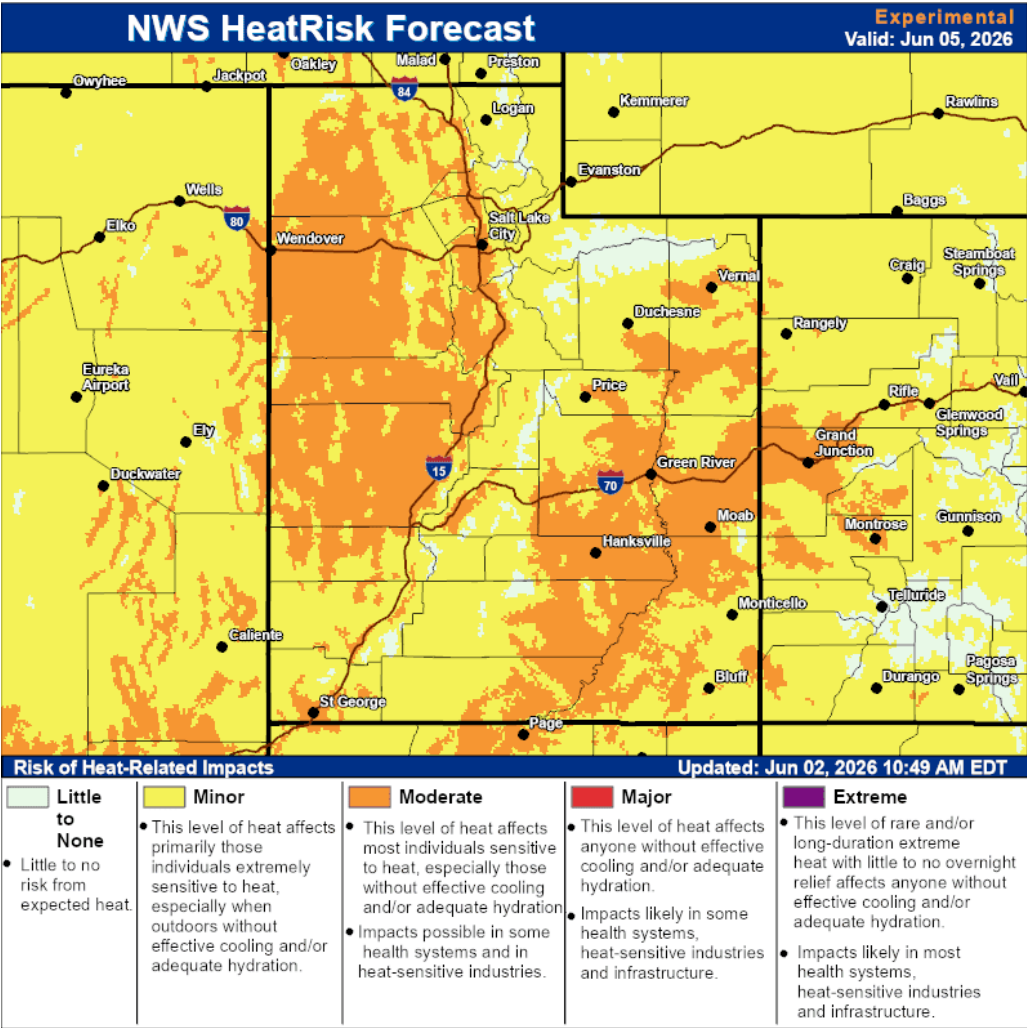


Agency – National Weather Service

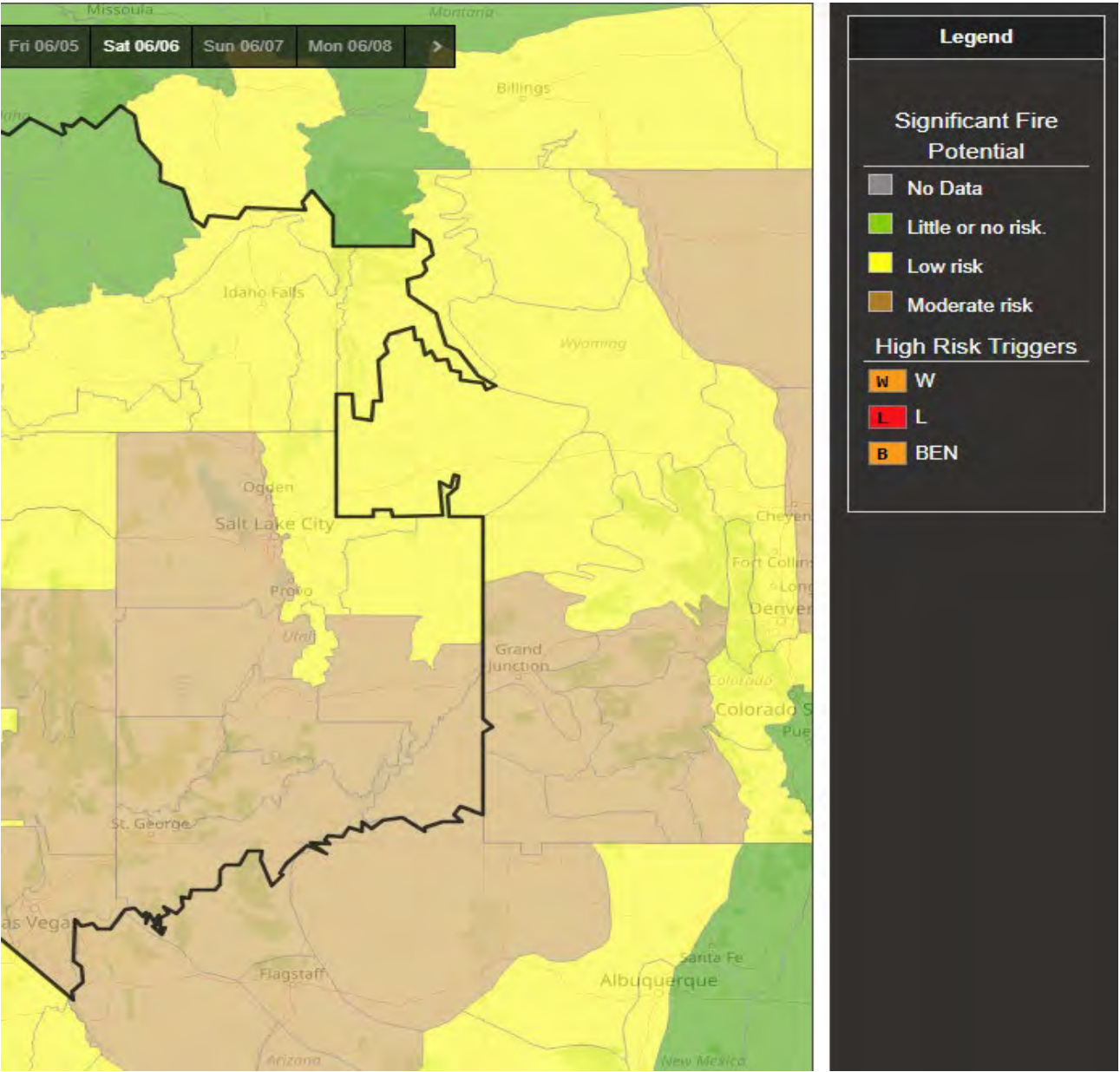
Presenter – Hayden Mahan



# Day 3 to 7 Hazards



# Day 3 to 7 Hazards



Agency – National Weather Service  
Presenter – Hayden Mahan



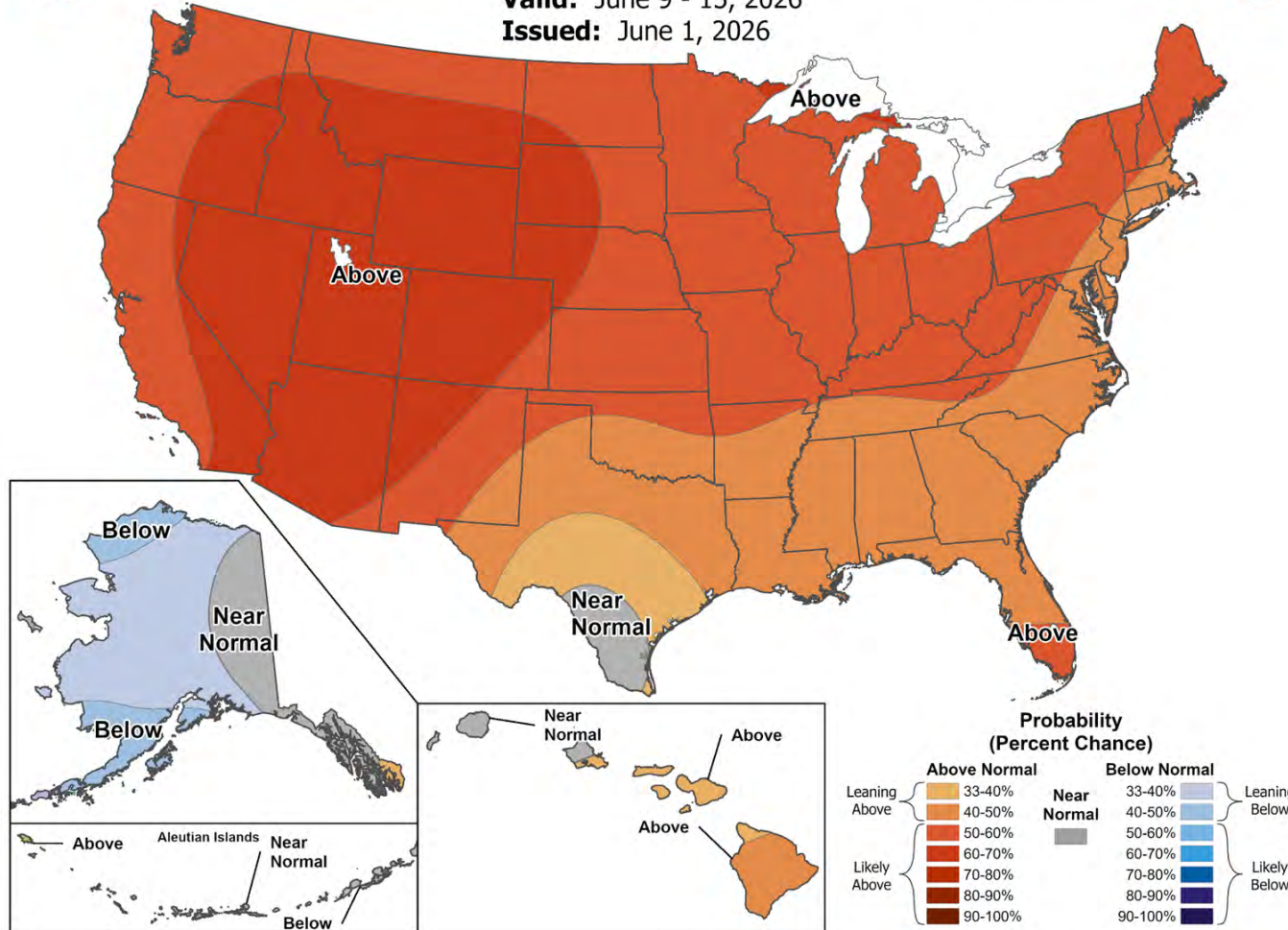
# 8 to 14 Day Outlooks - Temperature



## 8-14 Day Temperature Outlook

**Valid:** June 9 - 15, 2026

**Issued:** June 1, 2026



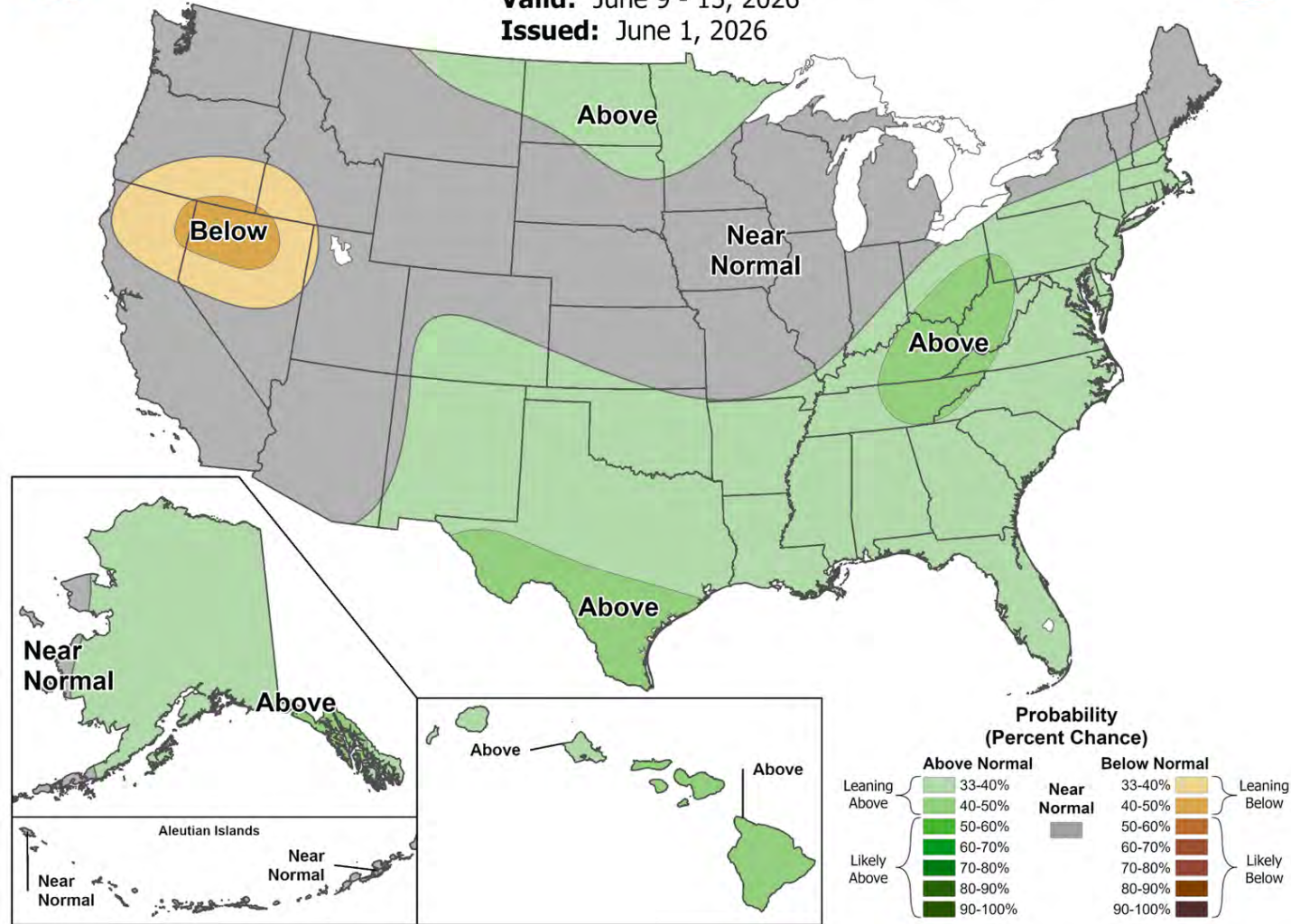
# 8 to 14 Day Outlooks - Precipitation



## 8-14 Day Precipitation Outlook

**Valid:** June 9 - 15, 2026

**Issued:** June 1, 2026

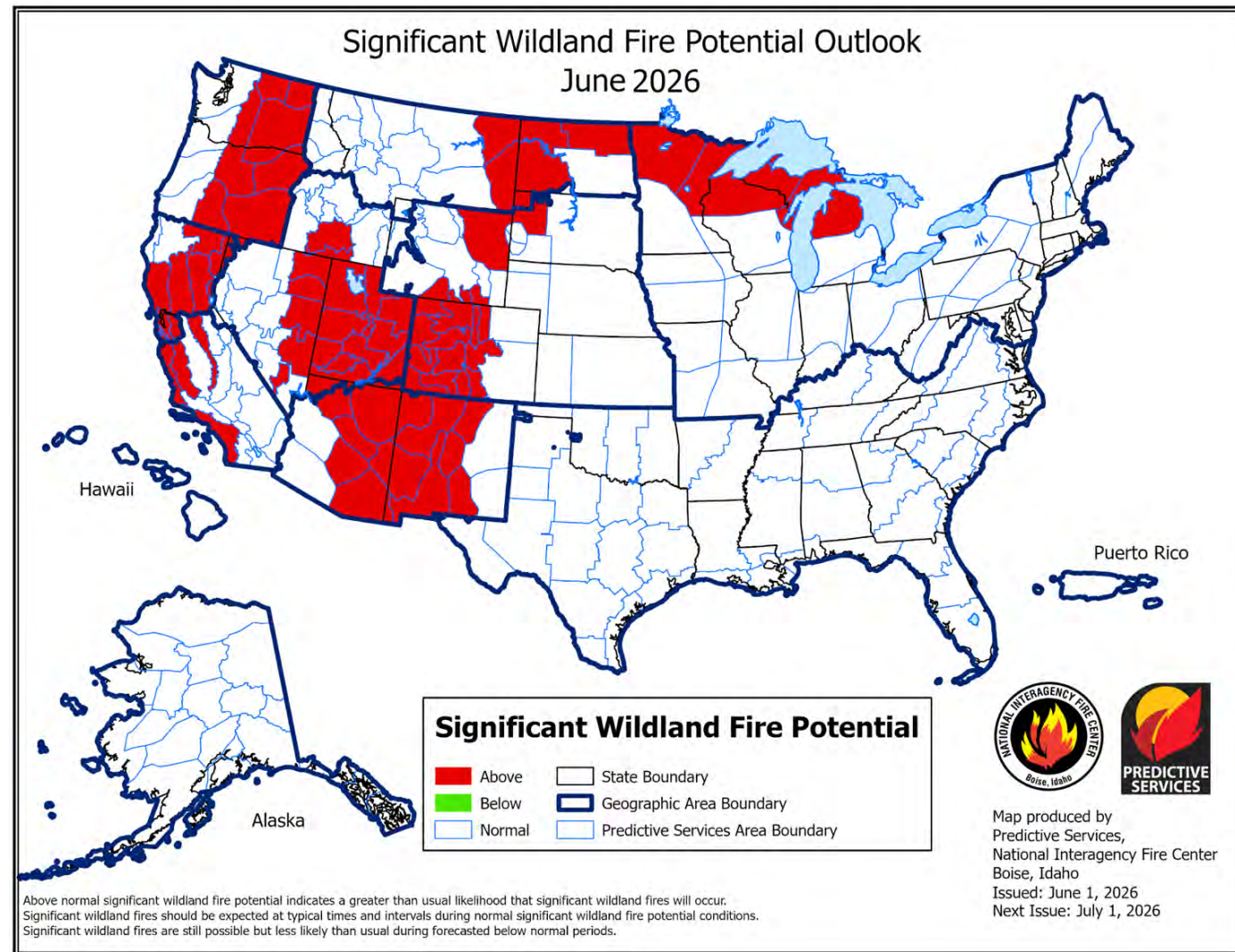


Agency – National Weather Service

Presenter – Hayden Mahan



# U.S Wildland Fire Outlook



Agency – National Weather Service  
Presenter – Hayden Mahan

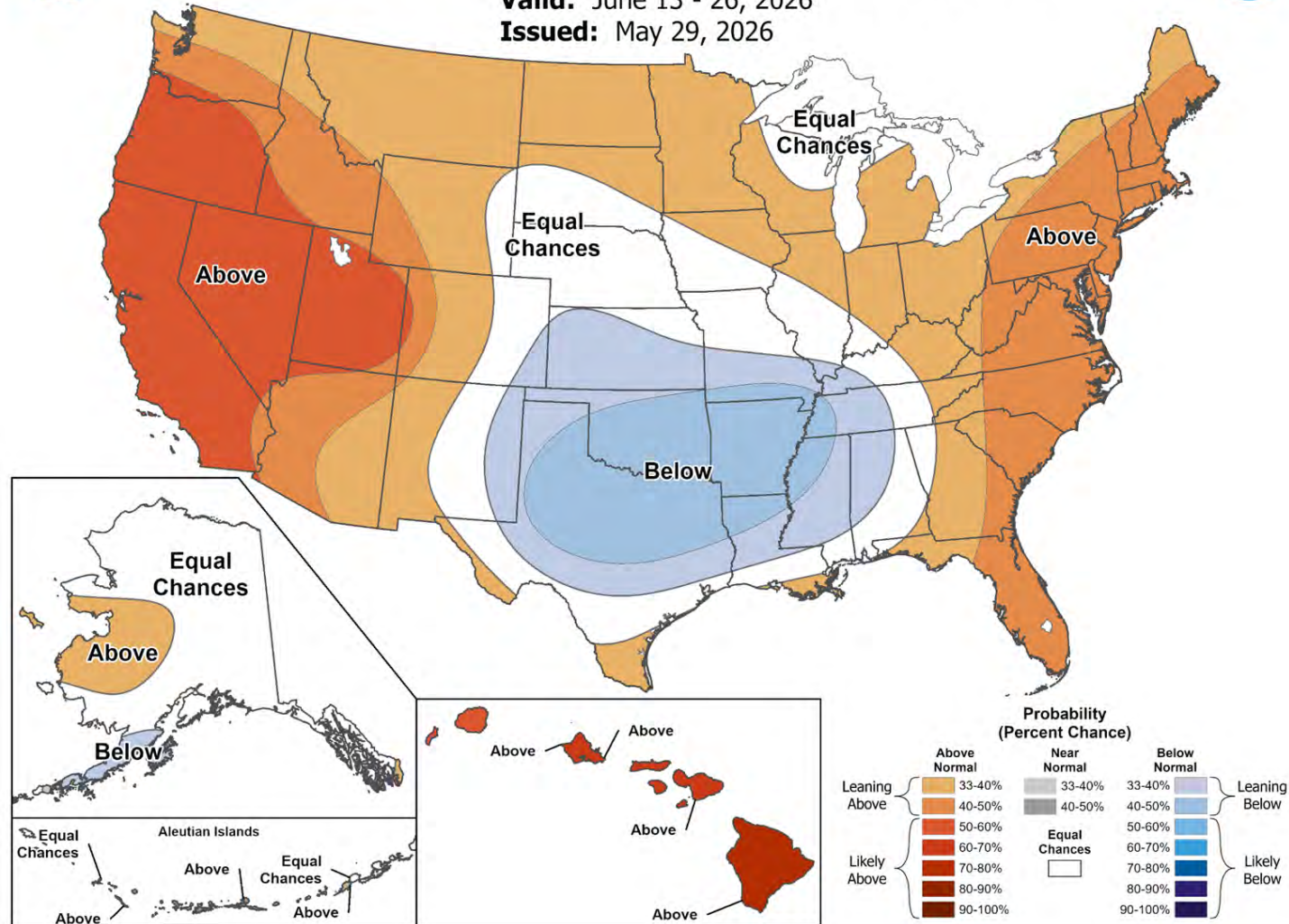
# 3 – 4 Week Outlook



## Week 3-4 Temperature Outlook

**Valid:** June 13 - 26, 2026

**Issued:** May 29, 2026

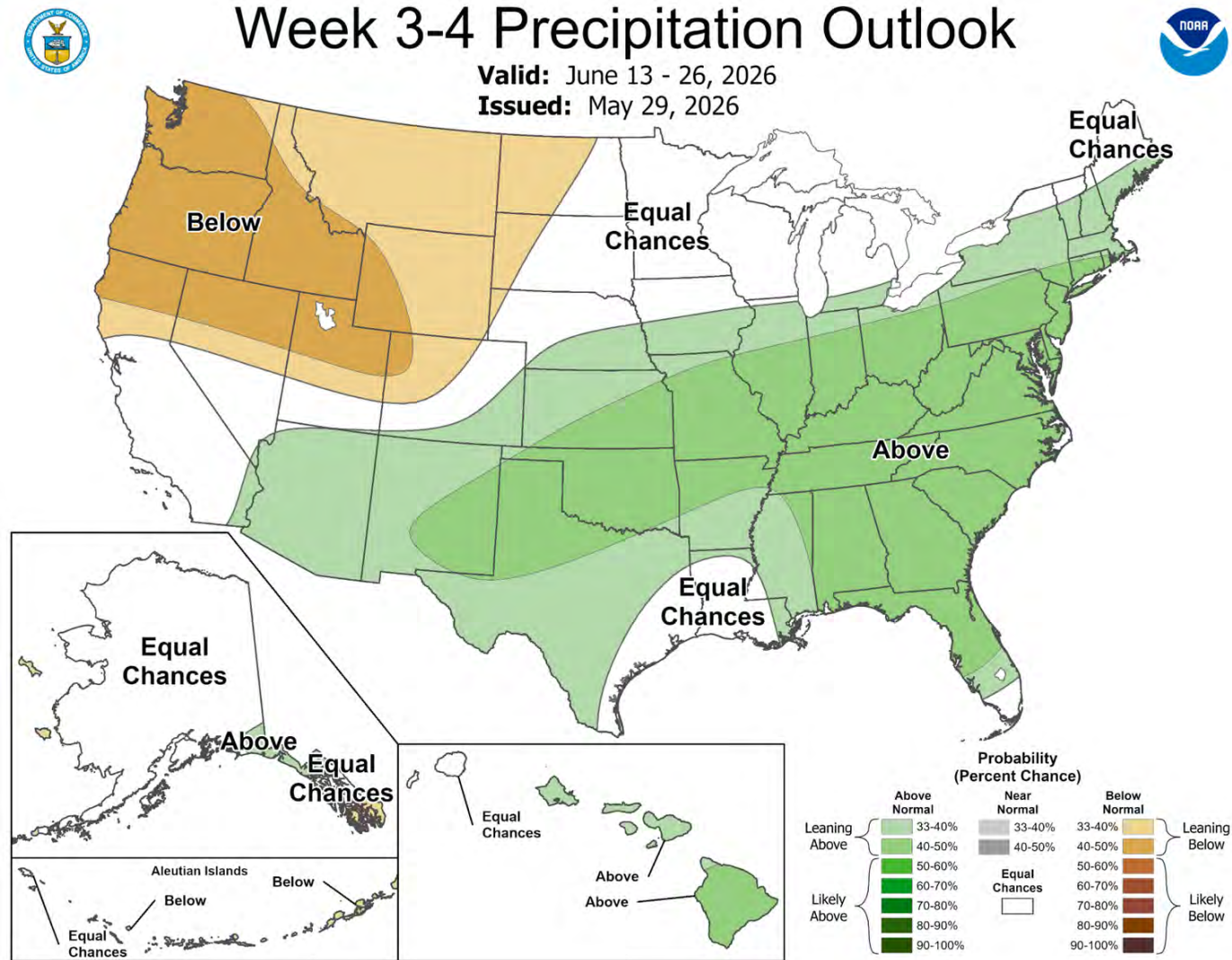


Agency – National Weather Service

Presenter – Hayden Mahan



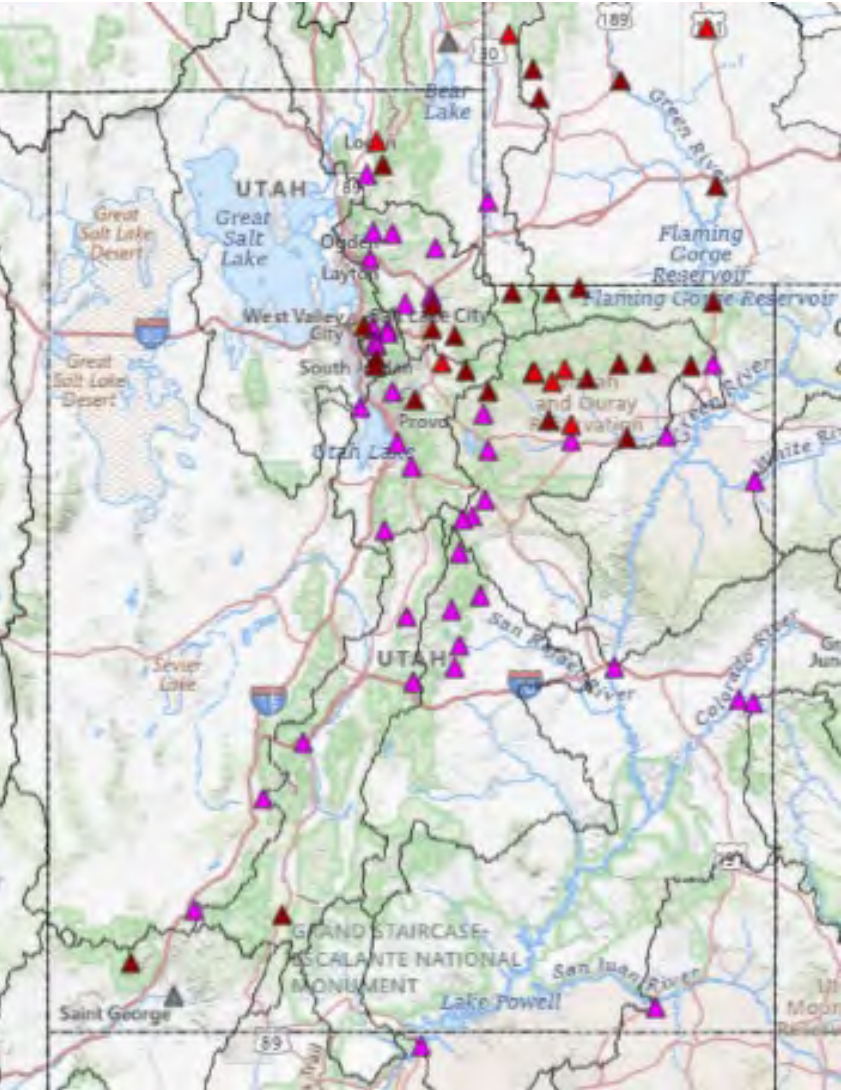
# 3 – 4 Week Outlook



Agency – National Weather Service  
Presenter – Hayden Mahan

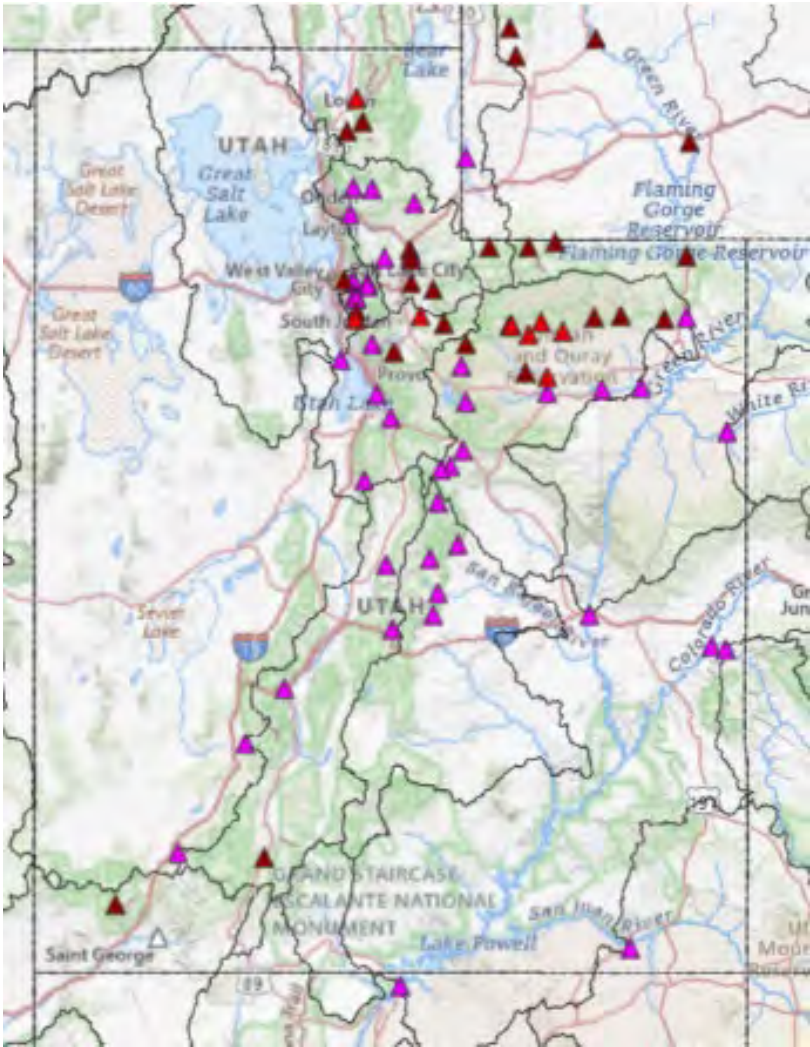


05/19/2026



- Percent Average**
- ▲ < 30%
  - ▲ 30-50%
  - ▲ 50-70%
  - ▲ 70-90%
  - ▲ 90-100%
  - ▲ 100-110%
  - ▲ 110-130%
  - ▲ 130-150%
  - ▲ 150-200%
  - ▲ 200-300%
  - ▲ 300-500%
  - ▲ > 500%
  - ▲ Regulated
  - △ No Forecast

06/2/2026







# Streamflow forecast

Forecast remain relatively stable compared to our May 1st official forecast despite recent active weather. Most forecast points in Utah remain in the lowest 10 on record.



# Ten Highest Forecast Points

| Slot | Area  | Sub Area   | Forecast Group    | RFC   | HSA | St | NWS ID                | River                | Location                          | ESP Date   | Forecast Period | Min 90 | P 70 | MP 50 | P 30 | Max 10 | Avg  | Pct Avg | %ile | Pct Diff Day | Pct Diff Week | Pct Diff Month |
|------|-------|------------|-------------------|-------|-----|----|-----------------------|----------------------|-----------------------------------|------------|-----------------|--------|------|-------|------|--------|------|---------|------|--------------|---------------|----------------|
| 29   | Green | Duchesne   | Duchesne-Price    | CBRFC | SLC | UT | <a href="#">USTU1</a> | Rock Ck              | Upper Stillwater Reservoir        | 2026-06-02 | Apr-Jul         | 43.0   | 43.0 | 44.0  | 46.0 | 51.0   | 72.0 | 61%     | 13   | 0%           | 2%            | -10%           |
| 5    | Great | Bear       | Bear              | CBRFC | SLC | UT | <a href="#">LGNU1</a> | Logan                | Logan; Nr; State Dam; Abv         | 2026-06-02 | Apr-Jul         | 62.0   | 62.0 | 63.0  | 64.0 | 69.0   | 106  | 59%     | 19   | 0%           | 4%            | -6%            |
| 31   | Green | Duchesne   | Duchesne-Price    | CBRFC | SLC | UT | <a href="#">ROKU1</a> | Rock Ck              | Mountain Home; Nr                 | 2026-06-02 | Apr-Jul         | 49.0   | 50.0 | 51.0  | 53.0 | 59.0   | 87.0 | 58%     | 6    | 0%           | 3%            | -9%            |
| 34   | Green | Duchesne   | Duchesne-Price    | CBRFC | SLC | UT | <a href="#">DADU1</a> | Duchesne             | Duchesne; Nr; Knight Div; Abv     | 2026-06-02 | Apr-Jul         | 100    | 101  | 102   | 106  | 114    | 188  | 54%     | 9    | 0%           | 5%            | -2%            |
| 28   | Green | Duchesne   | Duchesne-Price    | CBRFC | SLC | UT | <a href="#">LAAU1</a> | Lake Fork            | Moon Lake Reservoir; Mtn Home; Nr | 2026-06-02 | Apr-Jul         | 33.0   | 33.0 | 34.0  | 35.0 | 39.0   | 64.0 | 54%     | 9    | 0%           | 9%            | 6%             |
| 27   | Green | Duchesne   | Duchesne-Price    | CBRFC | SLC | UT | <a href="#">YLLU1</a> | Yellowstone          | Altonah; Nr                       | 2026-06-02 | Apr-Jul         | 32.0   | 32.0 | 33.0  | 34.0 | 38.0   | 60.0 | 54%     | 8    | 1%           | 8%            | 13%            |
| 35   | Great | Six Creeks | Six Creeks-Jordan | CBRFC | SLC | UT | <a href="#">LCTU1</a> | Little Cottonwood Ck | Salt Lake City; Nr                | 2026-06-02 | Apr-Jul         | 17.4   | 17.5 | 17.7  | 18.3 | 19.9   | 34.0 | 52%     | 1    | 0%           | 4%            | 3%             |
| 19   | Great | Utah Lake  | Provo-Utah Lake   | CBRFC | SLC | UT | <a href="#">PVHU1</a> | Provo                | Hailstone; Nr                     | 2026-06-02 | Apr-Jul         | 55.0   | 55.0 | 56.0  | 57.0 | 59.0   | 106  | 52%     | 11   | 0%           | 6%            | 9%             |
| 33   | Green | Duchesne   | Duchesne-Price    | CBRFC | SLC | UT | <a href="#">TADU1</a> | Duchesne             | Tabiona; Nr                       | 2026-06-02 | Apr-Jul         | 50.0   | 50.0 | 51.0  | 53.0 | 55.0   | 103  | 50%     | 7    | 0%           | 8%            | 4%             |
| 8    | Great | Weber      | Weber             | CBRFC | SLC | UT | <a href="#">OAWU1</a> | Weber                | Oakley; Nr                        | 2026-06-02 | Apr-Jul         | 54.0   | 54.0 | 55.0  | 57.0 | 61.0   | 111  | 49%     | 4    | 0%           | 7%            | 0%             |





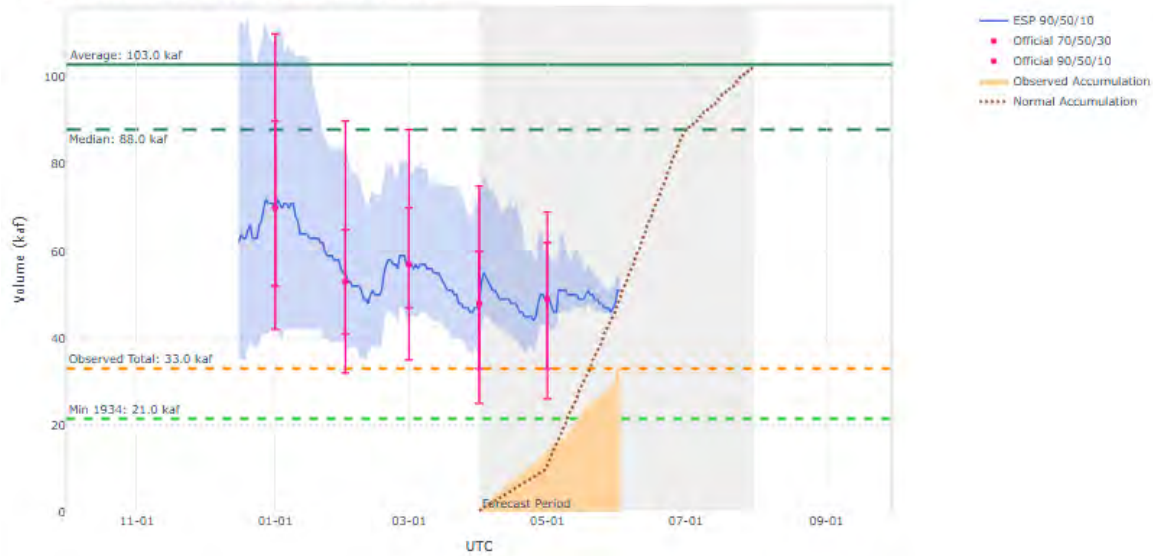
# Ten Lowest Forecast Points

| Slot | Area   | Sub Area   | Forecast Group         | RFC   | HSA | St | NWS ID                | River         | Location                            | ESP Date   | Forecast Period | Min 90 | P 70  | MP 50 | P 30  | Max 10 | Avg  | Pct Avg | %ile | Pct Diff Day | Pct Diff Week | Pct Diff Month |
|------|--------|------------|------------------------|-------|-----|----|-----------------------|---------------|-------------------------------------|------------|-----------------|--------|-------|-------|-------|--------|------|---------|------|--------------|---------------|----------------|
| 47   | Green  | Lower      | San Rafael-Dirty Devil | CBRFC | SLC | UT | <a href="#">FRRU1</a> | Ferron Ck     | Ferron; Nr                          | 2026-06-02 | Apr-Jul         | 5.20   | 5.20  | 5.20  | 5.30  | 6.20   | 35.0 | 15%     | 0    | 1%           | 1%            | -9%            |
| 45   | Green  | Lower      | San Rafael-Dirty Devil | CBRFC | SLC | UT | <a href="#">HPBU1</a> | Huntington Ck | Power Plant; Blo                    | 2026-06-02 | Apr-Jul         | 6.10   | 6.10  | 6.10  | 6.10  | 6.90   | 40.0 | 15%     | 2    | -1%          | 10%           | 19%            |
| 30   | Great  | Six Creeks | Six Creeks-Jordan      | CBRFC | SLC | UT | <a href="#">DELU1</a> | Dell Fk       | Little Dell Reservoir               | 2026-06-02 | Apr-Jul         | 0.680  | 0.680 | 0.680 | 0.690 | 0.730  | 4.40 | 15%     | 3    | 0%           | 3%            | 11%            |
| 40   | Green  | Lower      | Duchesne-Price         | CBRFC | SLC | UT | <a href="#">FCNU1</a> | Fish Ck       | Scofield; Nr; Reservoir; Abv        | 2026-06-02 | Apr-Jul         | 3.60   | 3.60  | 3.60  | 3.60  | 3.80   | 26.0 | 14%     | 1    | 0%           | 1%            | -25%           |
| 48   | Green  | Lower      | San Rafael-Dirty Devil | CBRFC | SLC | UT | <a href="#">MDCU1</a> | Muddy Ck      | Emery; Nr                           | 2026-06-02 | Apr-Jul         | 2.40   | 2.40  | 2.40  | 2.50  | 3.00   | 18.3 | 13%     | 0    | 0%           | 5%            | -23%           |
| 35   | Green  | Duchesne   | Duchesne-Price         | CBRFC | SLC | UT | <a href="#">CRUU1</a> | Currant Ck    | Currant Ck Reservoir                | 2026-06-02 | Apr-Jul         | 2.30   | 2.30  | 2.30  | 2.30  | 2.40   | 17.7 | 13%     | 4    | 0%           | 1%            | 1%             |
| 6    | Sevier |            | Sevier                 | CBRFC | SLC | UT | <a href="#">SAYU1</a> | Salina Ck     | Emery; Nr                           | 2026-06-02 | Apr-Jul         | 0.810  | 0.810 | 0.810 | 0.810 | 0.830  | 6.20 | 13%     | 1    | 0%           | 1%            | 3%             |
| 22   | Great  | Utah Lake  | Provo-Utah Lake        | CBRFC | SLC | UT | <a href="#">HBCU1</a> | Hobble Ck     | Springville; 700 East               | 2026-06-02 | Apr-Jul         | 2.00   | 2.00  | 2.00  | 2.00  | 2.10   | 16.5 | 12%     | 23   | 2%           | 12%           | 8%             |
| 41   | Green  | Lower      | Duchesne-Price         | CBRFC | SLC | UT | <a href="#">SFSU1</a> | Price         | Scofield Reservoir; Scofield; Nr    | 2026-06-02 | Apr-Jul         | 3.10   | 3.10  | 3.10  | 3.10  | 3.30   | 34.0 | 9%      | 0    | 0%           | -2%           | -44%           |
| 42   | Green  | Lower      | Duchesne-Price         | CBRFC | SLC | UT | <a href="#">WRSU1</a> | White         | Blo Tabbyune Ck; Soldier Summit; Nr | 2026-06-02 | Apr-Jul         | 1.04   | 1.04  | 1.04  | 1.05  | 1.14   | 12.6 | 8%      | 5    | 0%           | 0%            | -11%           |



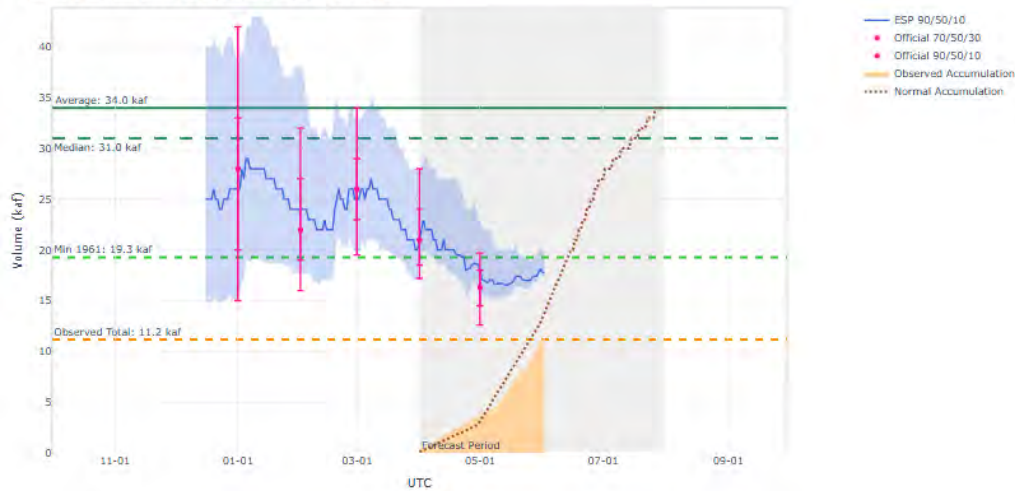
2026 Water Supply Forecast - Duchesne - Tabiona, Nr (TADU1)

ESP is Unregulated and No Precipitation Forecast Included  
Official 50% Fcst (2026-05-01): 49 kaf (48% Avg, 56% Med), (6% of Yrs Below Fcst, 101 Highest Flow / 107 Tot Yrs)  
ESP 50% Fcst (2026-06-02): 51 kaf (50% Avg, 58% Med), (6% of Yrs Below Fcst, 101 Highest Flow / 107 Tot Yrs)  
Observed Volume: 33 kaf (32% Average, 38% Median)



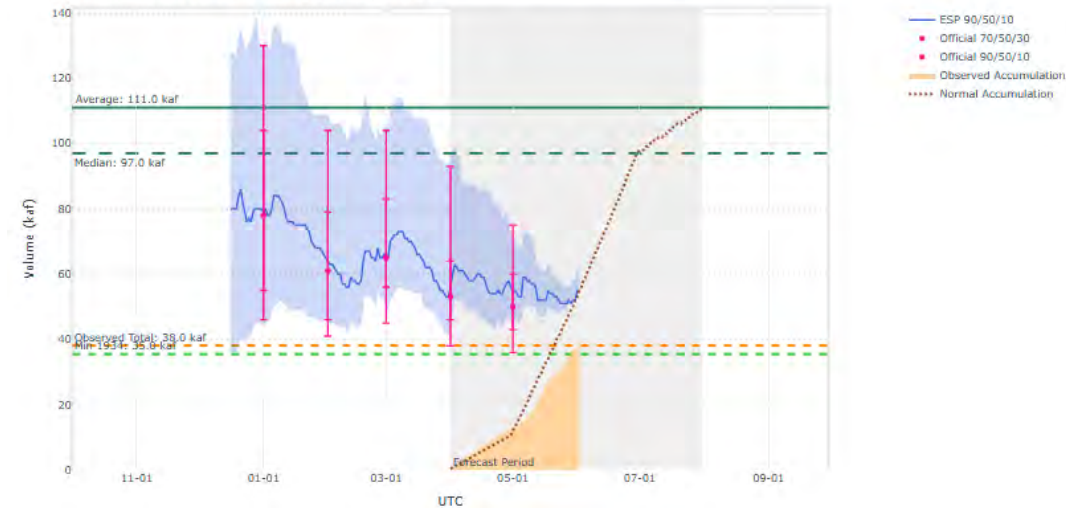
2026 Water Supply Forecast - Little Cottonwood Ck - Salt Lake City, Nr (LCTU1)

ESP is Unregulated and No Precipitation Forecast Included  
Official 50% Fcst (2026-05-01): 16.3 kaf (48% Avg, 53% Med), (0% of Yrs Below Fcst, 67 Highest Flow / 66 Tot Yrs)  
ESP 50% Fcst (2026-06-02): 17.7 kaf (52% Avg, 57% Med), (0% of Yrs Below Fcst, 67 Highest Flow / 66 Tot Yrs)  
Observed Volume: 11.2 kaf (33% Average, 36% Median)



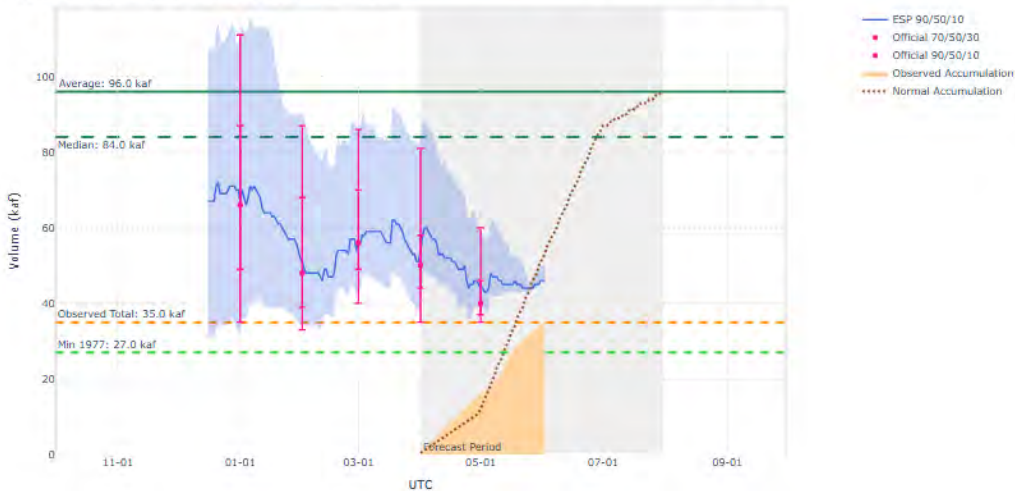
2026 Water Supply Forecast - Weber - Oakley, Nr (OAWU1)

ESP is Unregulated and No Precipitation Forecast Included  
Official 50% Fcst (2026-05-01): 50 kaf (45% Avg, 52% Med), (3% of Yrs Below Fcst, 117 Highest Flow / 120 Tot Yrs)  
ESP 50% Fcst (2026-06-02): 55 kaf (49% Avg, 56% Med), (4% of Yrs Below Fcst, 116 Highest Flow / 120 Tot Yrs)  
Observed Volume: 38 kaf (34% Average, 39% Median)



2026 Water Supply Forecast - Provo - Woodland, Nr (WOOU1)

ESP is Unregulated and No Precipitation Forecast Included  
Official 50% Fcst (2026-05-01): 40 kaf (42% Avg, 48% Med), (4% of Yrs Below Fcst, 59 Highest Flow / 61 Tot Yrs)  
ESP 50% Fcst (2026-06-02): 46 kaf (48% Avg, 55% Med), (4% of Yrs Below Fcst, 59 Highest Flow / 61 Tot Yrs)  
Observed Volume: 35 kaf (36% Average, 42% Median)



Streamflow  
forecast at  
selected gages



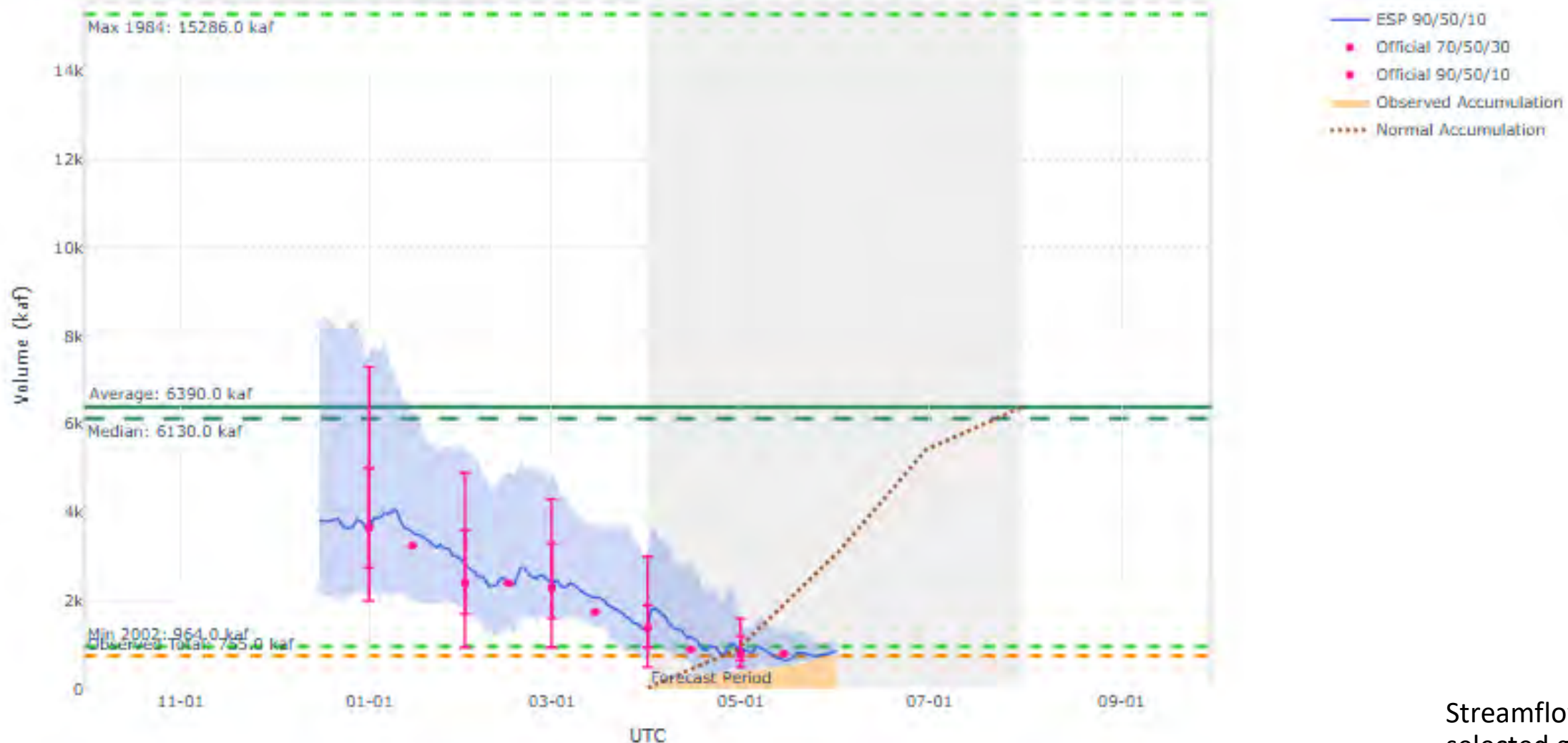
## 2026 Water Supply Forecast - Colorado - Lake Powell, Glen Cyn Dam, At (GLDA3)

ESP is Unregulated and No Precipitation Forecast Included

Official 50% Fcst (2026-05-15): 800 kaf (13% Avg, 13% Med), (0% of Yrs Below Fcst, 63 Highest Flow / 62 Tot Yrs)

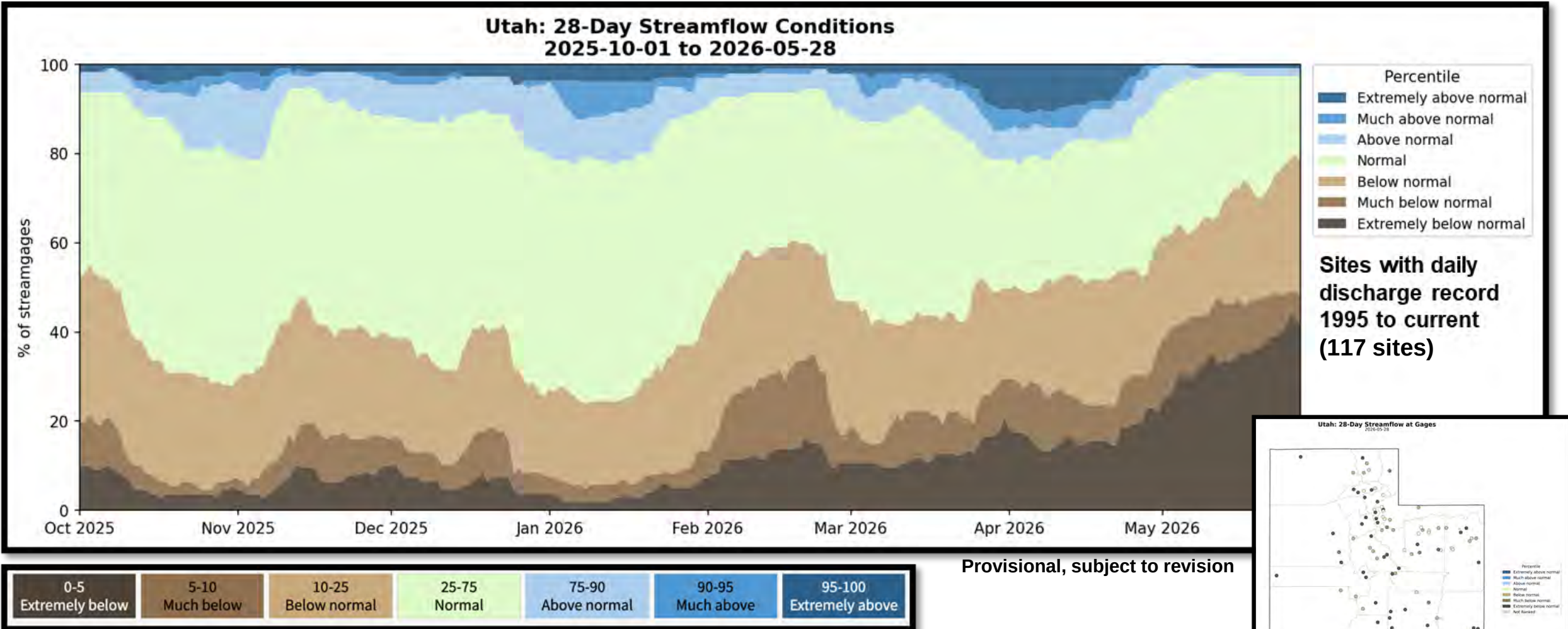
ESP 50% Fcst (2026-06-02): 858 kaf (13% Avg, 14% Med), (0% of Yrs Below Fcst, 63 Highest Flow / 62 Tot Yrs)

Observed Volume: 755 kaf (12% Average, 12% Median)



Streamflow forecast at selected gages

# 28 - Day Running Average of Daily Discharge for Visualizing Streamflow Conditions



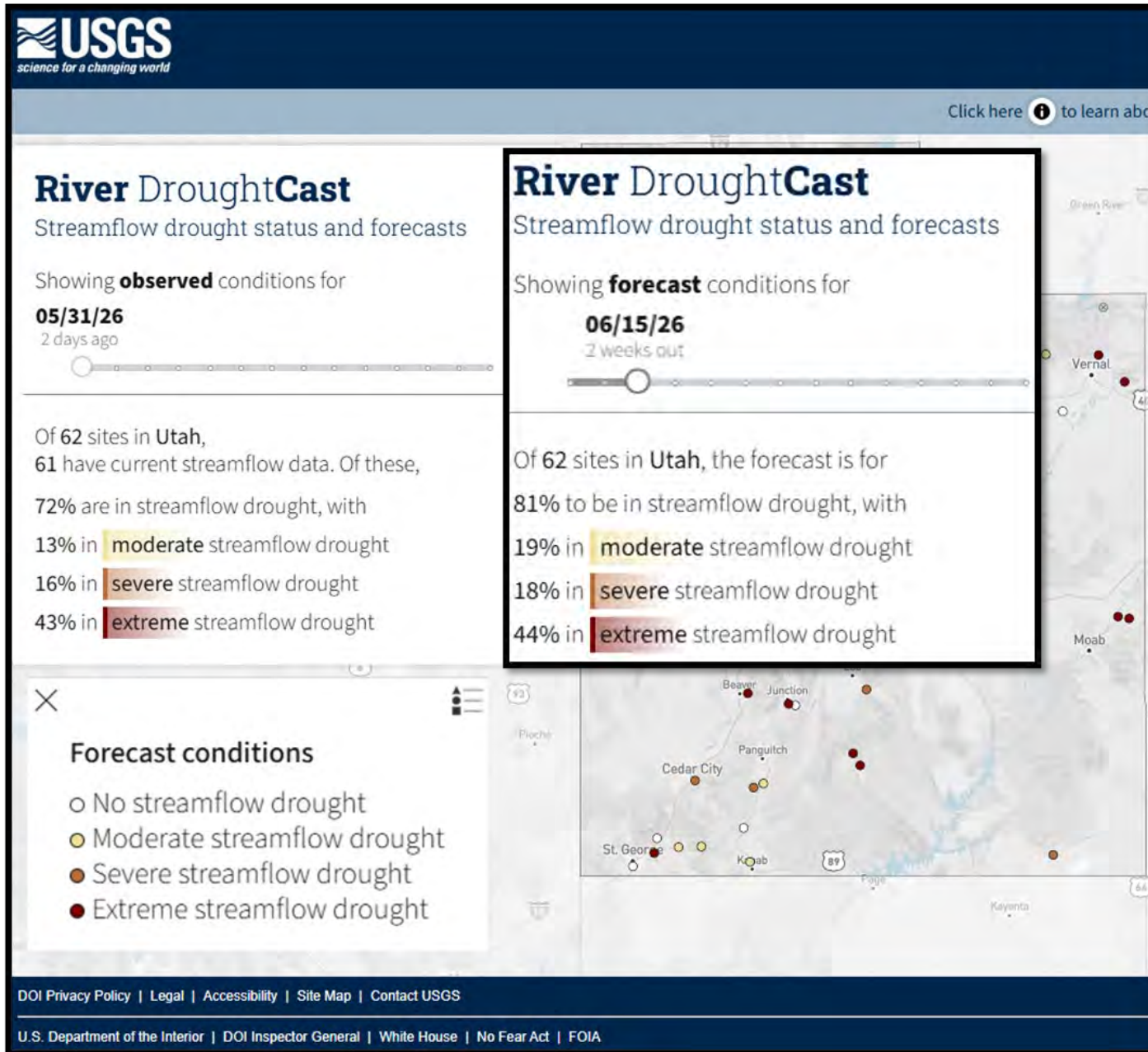
❑ The plot and map were created via USGS Hydrologic Surface Water Analysis Package (hyswap), a Python package for visualizing USGS water data.

❑ <https://www.usgs.gov/software/hyswap>

Agency - USGS Utah WSC  
Presenter - Ryan Rowland



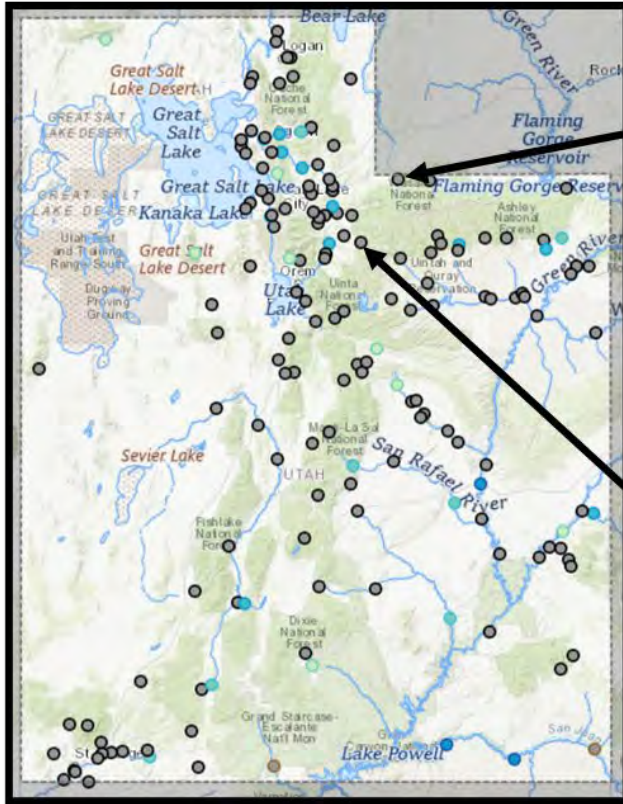
# USGS River DroughtCast: Streamflow drought status and forecasts



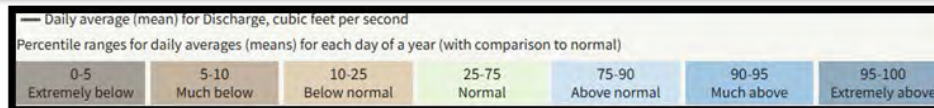
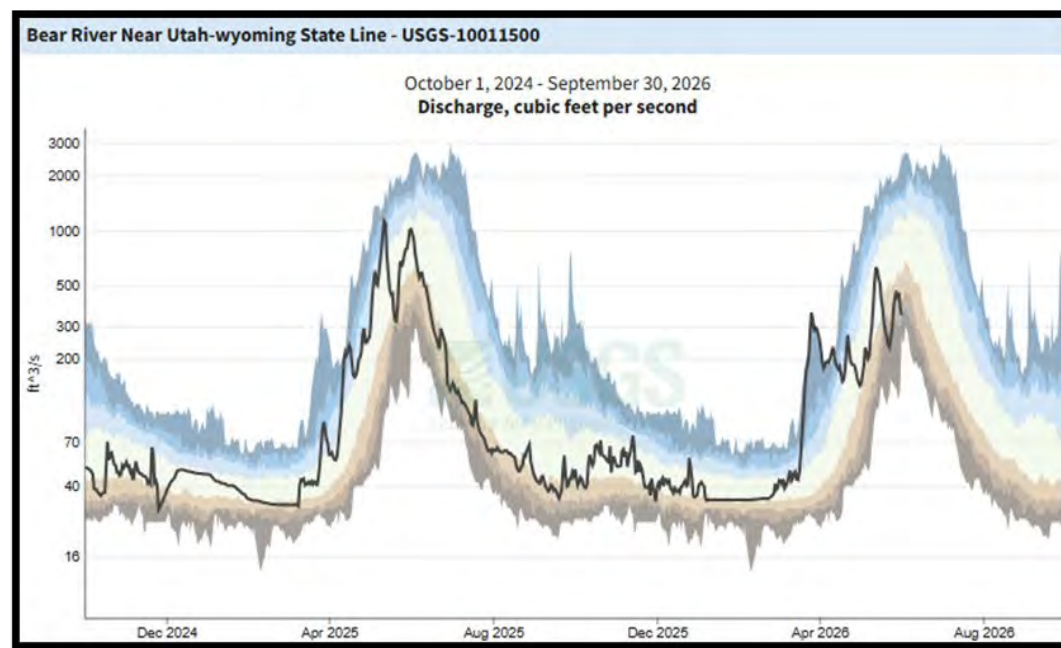
- ☐ Shows gages with nearly complete records for the 40-year period 1981-2020
- ☐ Machine learning model forecasts streamflow drought
- ☐ Click on a gage location to get site specific streamflow drought forecast

Agency - USGS Utah WSC  
Presenter - Ryan Rowland

# Streamflows at Selected Gages

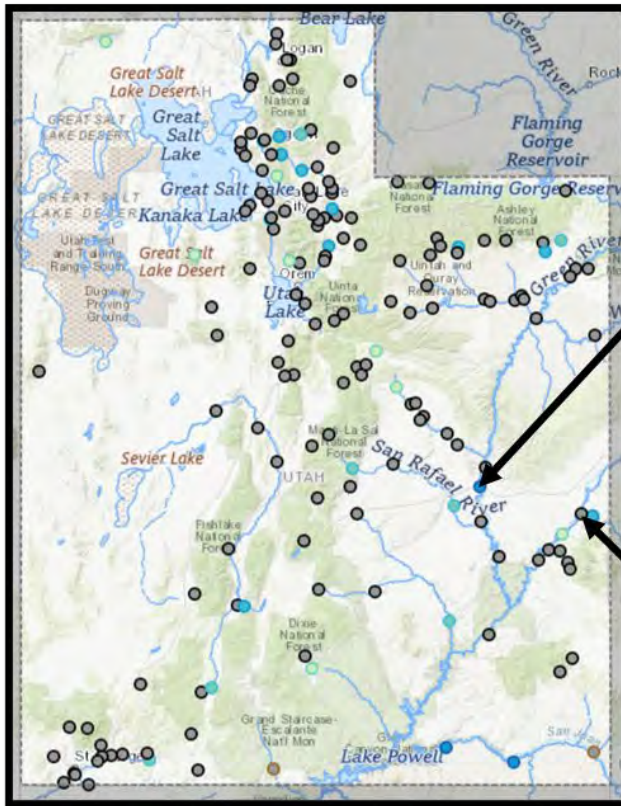


**IMPORTANT** Data may be [provisional](#)

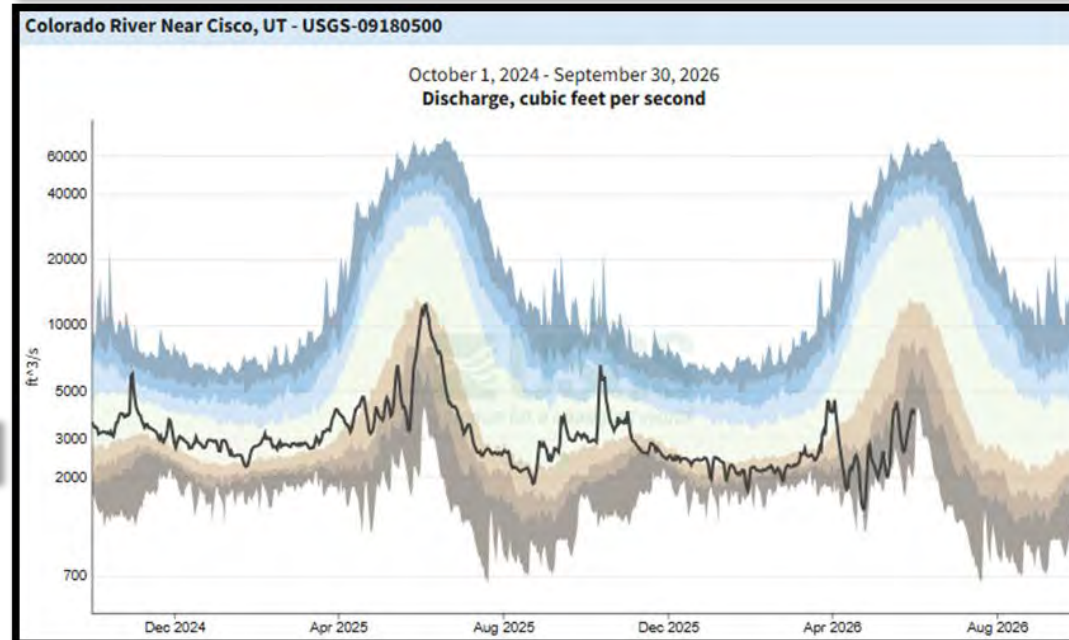
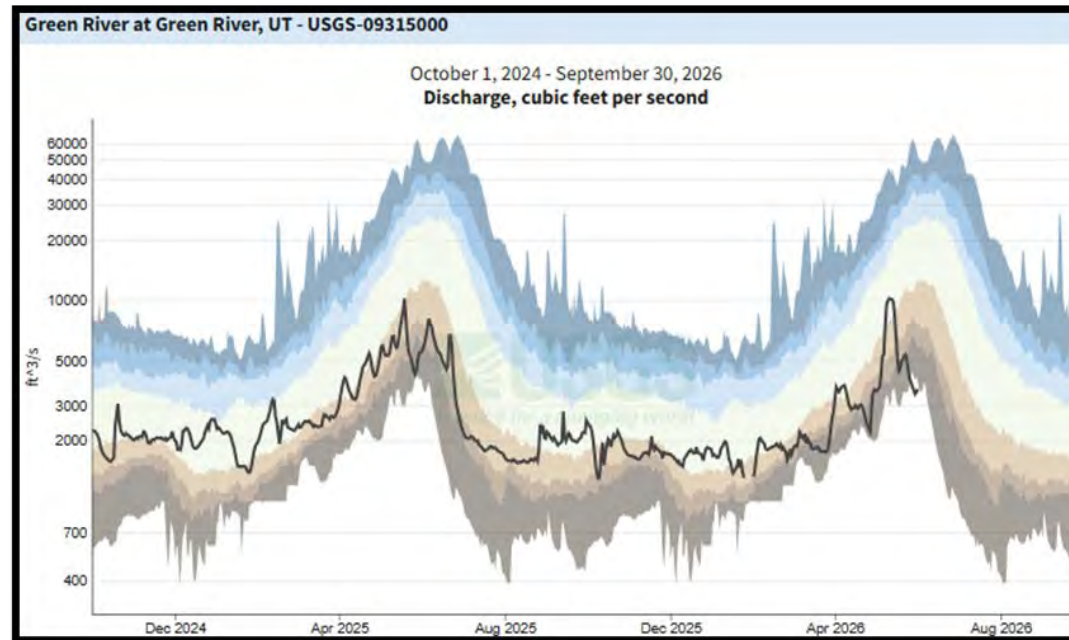




# Streamflows at Selected Gages



**IMPORTANT** Data may be provisional

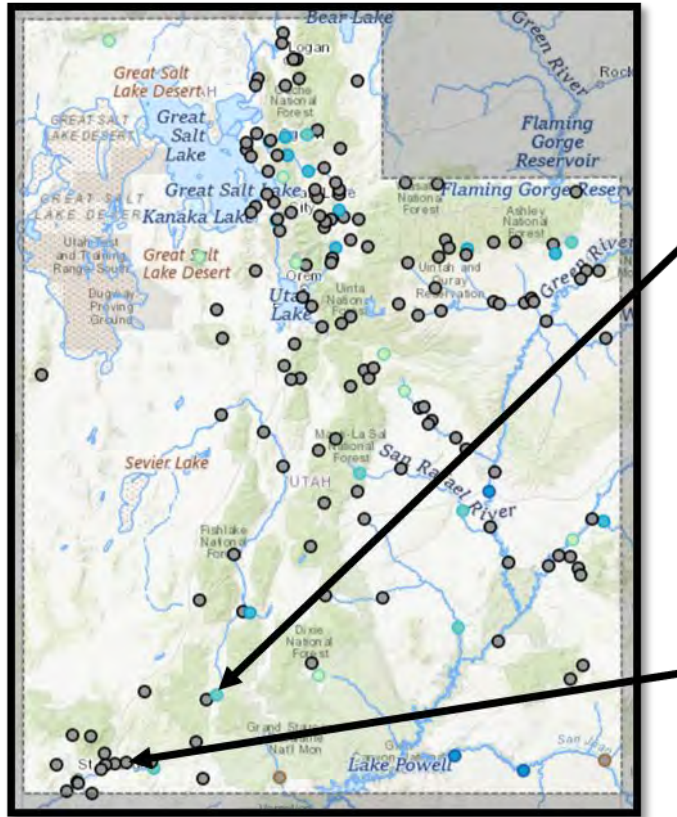


— Daily average (mean) for Discharge, cubic feet per second

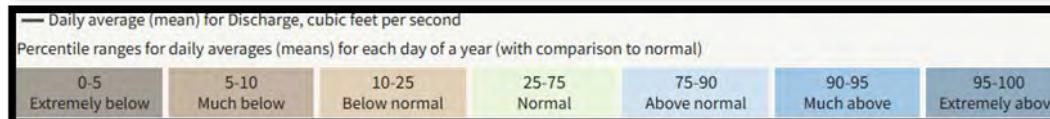
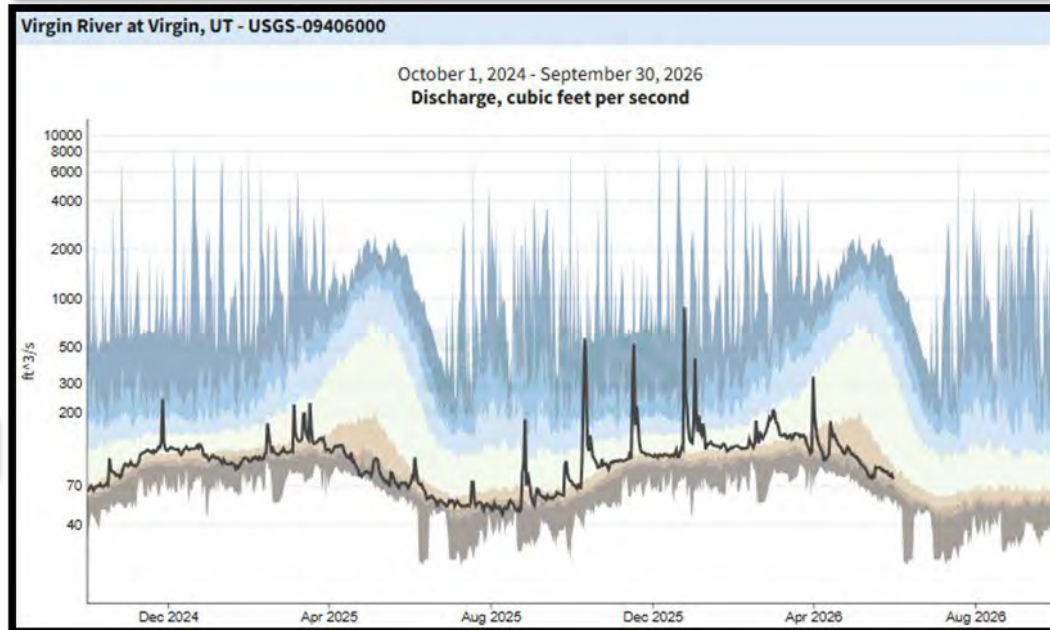
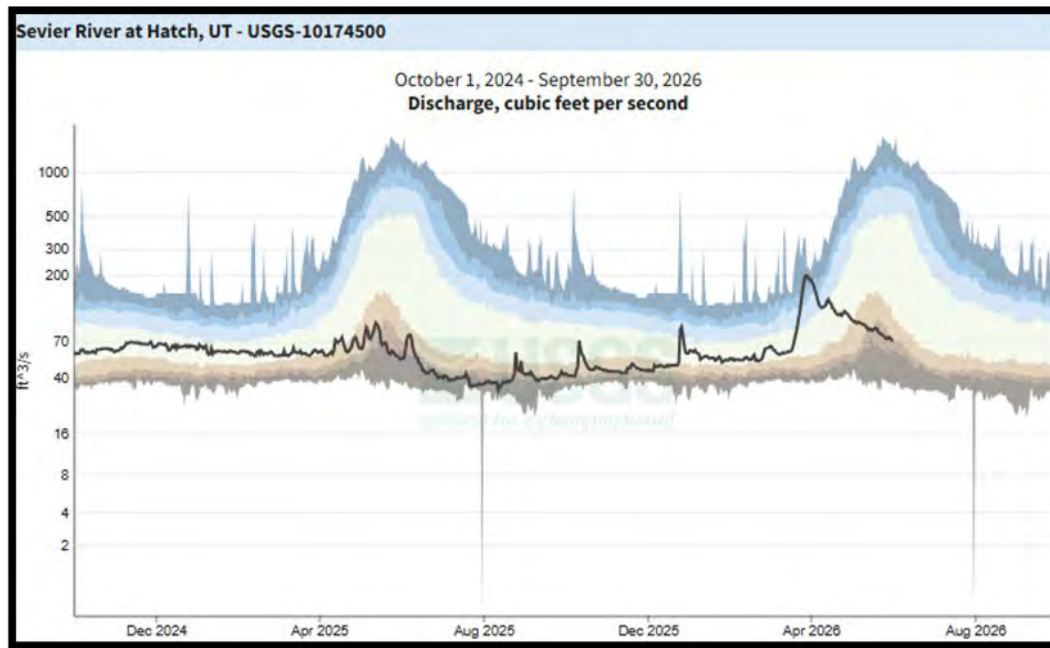
Percentile ranges for daily averages (means) for each day of a year (with comparison to normal)



# Streamflows at Selected Gages

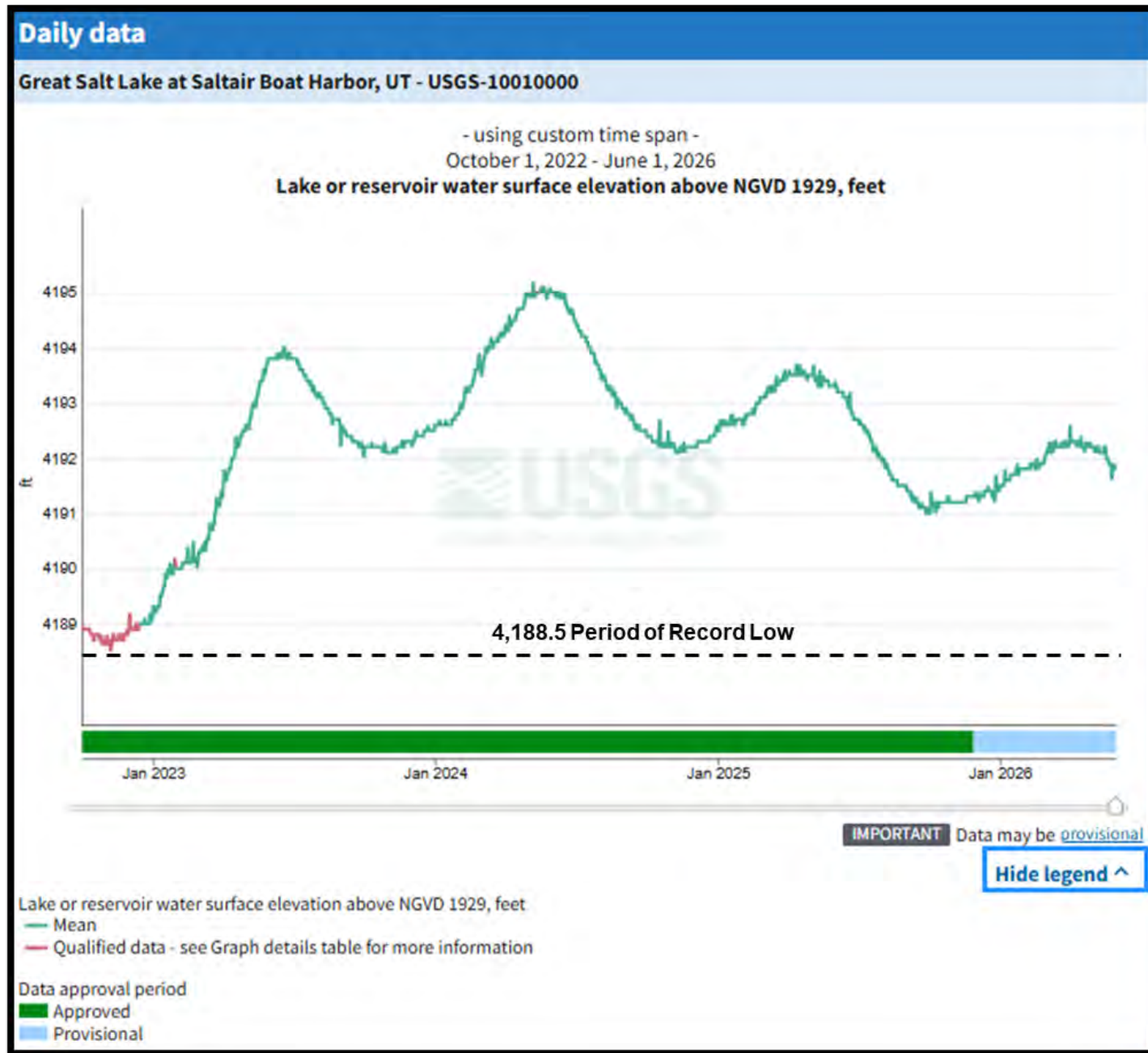


**IMPORTANT** Data may be provisional





# Great Salt Lake Water Surface Elevations



**Daily Values**  
**06/01/2026**

**South Arm**  
**(Saltair gage): 4191.9'**

**North Arm**  
**(Saline gage, not shown on plot): 4,191.1'**

**Both arms down 0.3'**  
**since last meeting**

Agency - USGS Utah WSC  
Presenter - Ryan Rowland

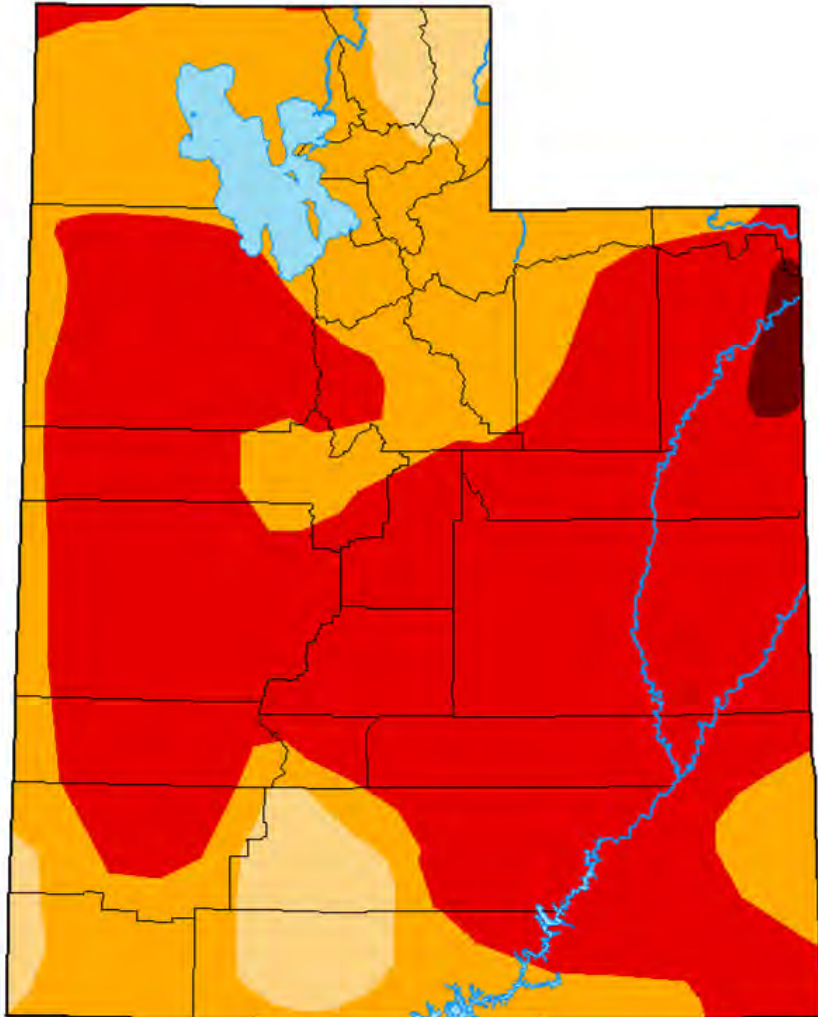


# U.S. Drought Monitor Map - Utah

**May 26, 2026**

(Released May 28, 2026)

Valid 8 a.m. EST



Intensity:

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

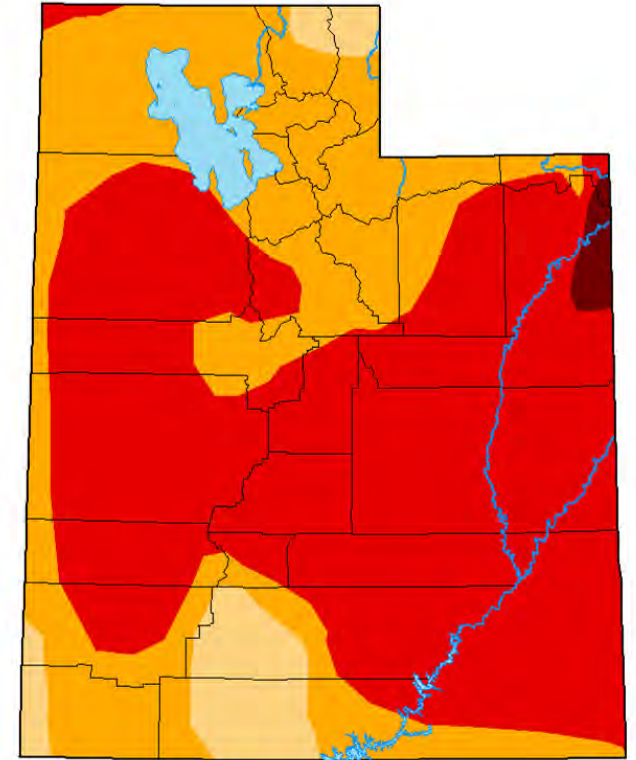
*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>*

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NCEI/NOAA



[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)



To report on conditions between meetings:

Submit a report on CMOR drought website

Email [Lhaskell@utah.gov](mailto:Lhaskell@utah.gov)

email [drought@utah.gov](mailto:drought@utah.gov)