



# Utah Water Conditions (drought webinar)

The meeting will begin shortly



Thank you to our contributors

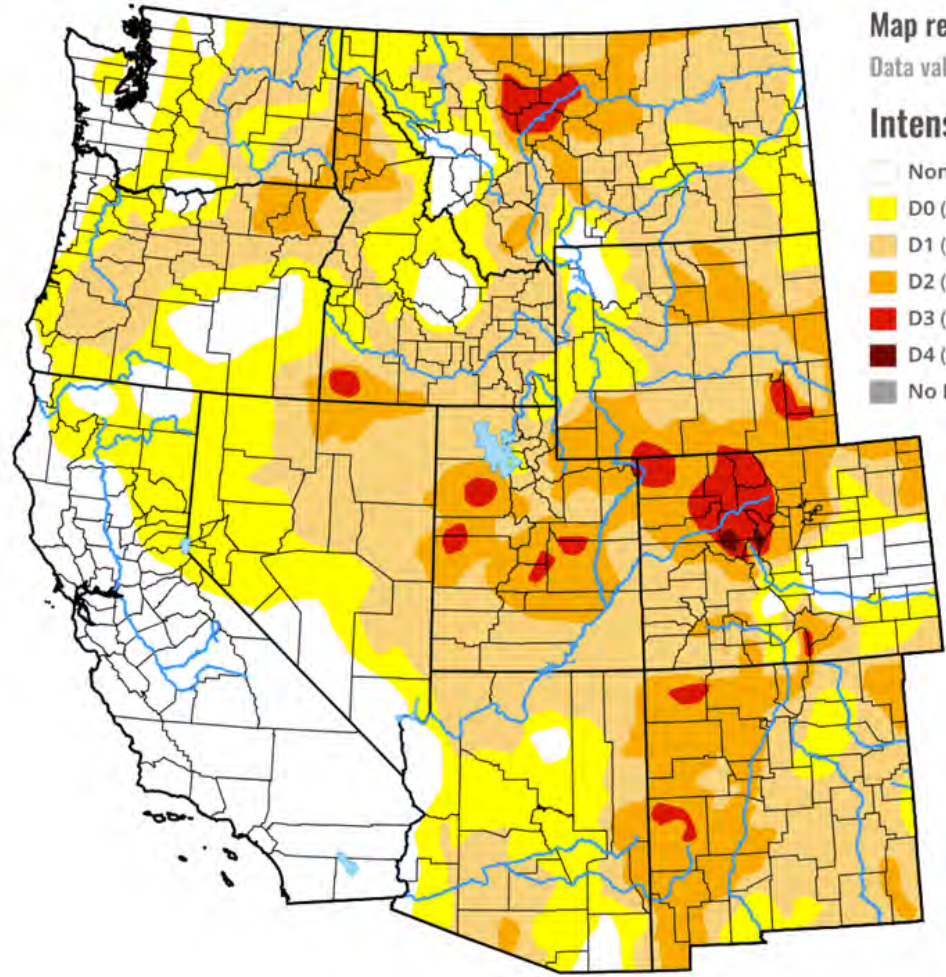




# Utah Water Conditions Update

March 24, 2026

# Drought Condition Summary

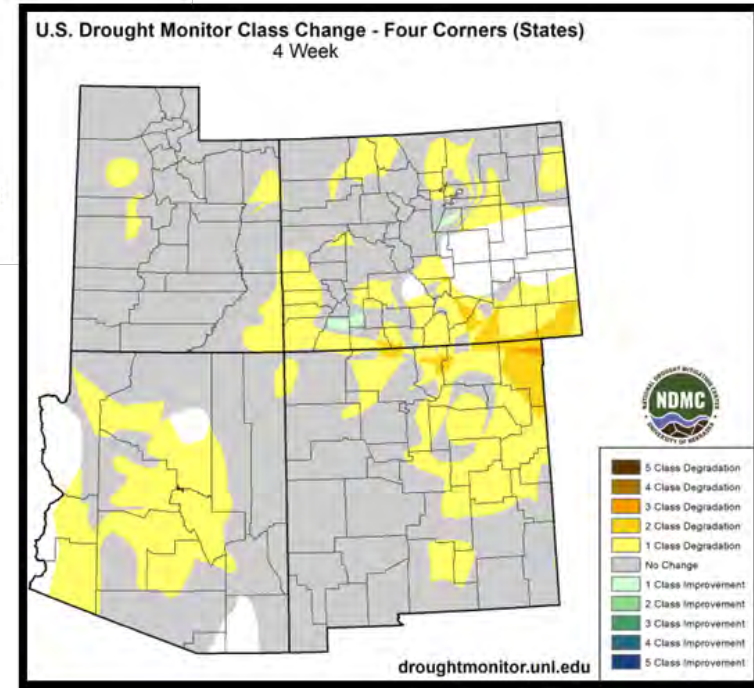


Map released: Thurs. March 19, 2026

Data valid: March 17, 2026 at 8 a.m. EDT

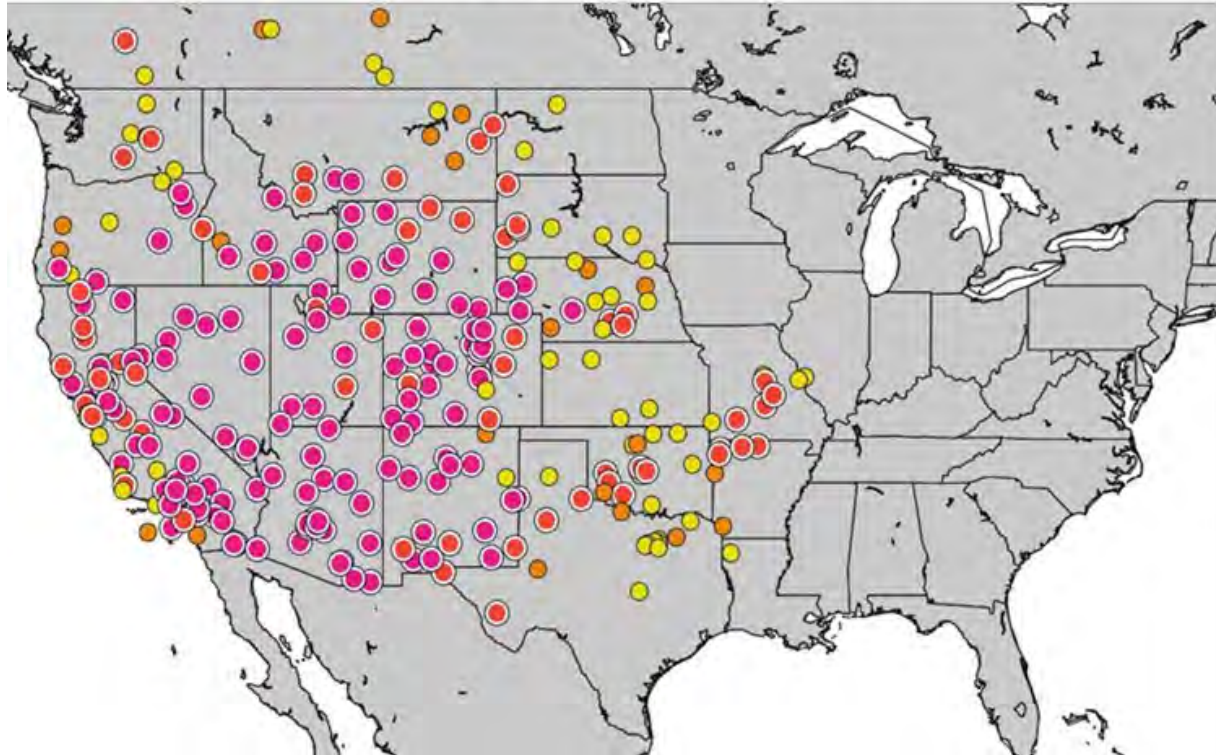
## Intensity

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data



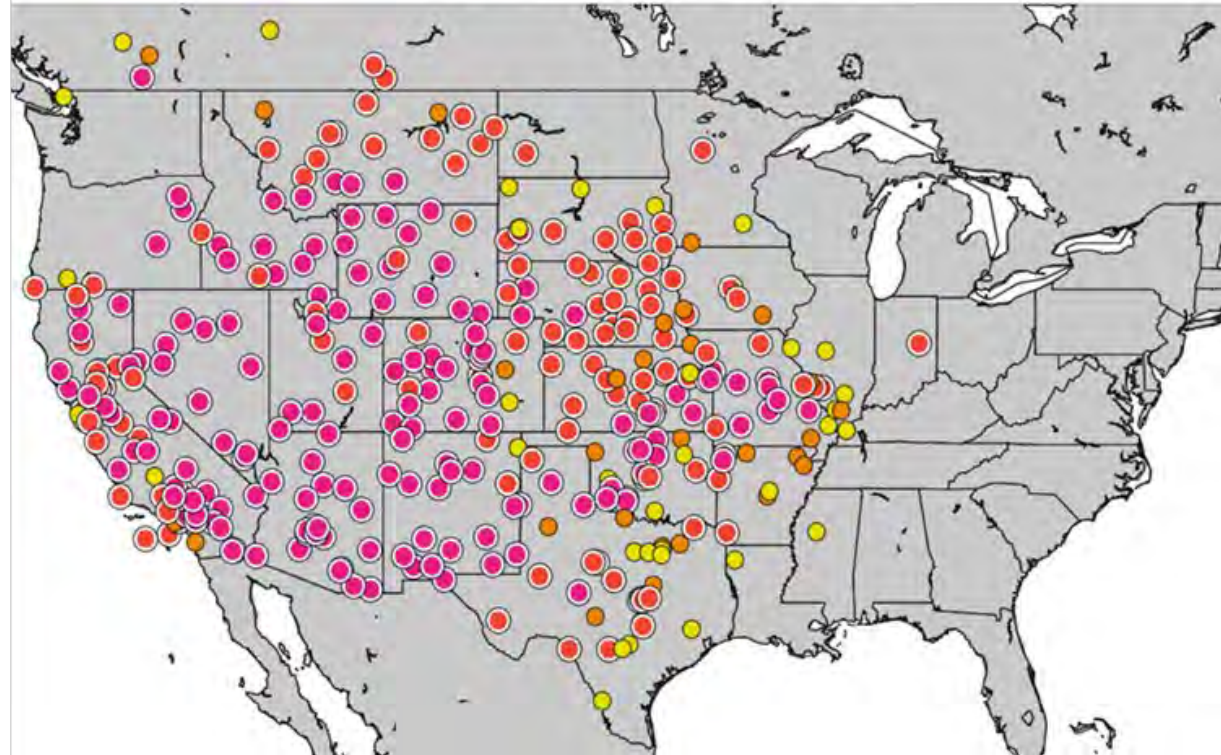
# Record Breaking Heatwave

Locations approaching or surpassing unofficial daily (19 Mar) temperature records based on temperature at 2300 UTC 19 Mar 2026



- Is within 3°F (1.7°C) of daily record high
- Is tying daily record high
- Is breaking daily record high
- Is tying/breaking monthly record high
- ⊗ Is tying/breaking all-time record high

Locations approaching or surpassing unofficial daily (20 Mar) temperature records based on temperature at 2300 UTC 20 Mar 2026



- Is within 3°F (1.7°C) of daily record low
- Is tying daily record low
- Is breaking daily record low
- Is tying/breaking monthly record low
- ⊗ Is tying/breaking all-time record low

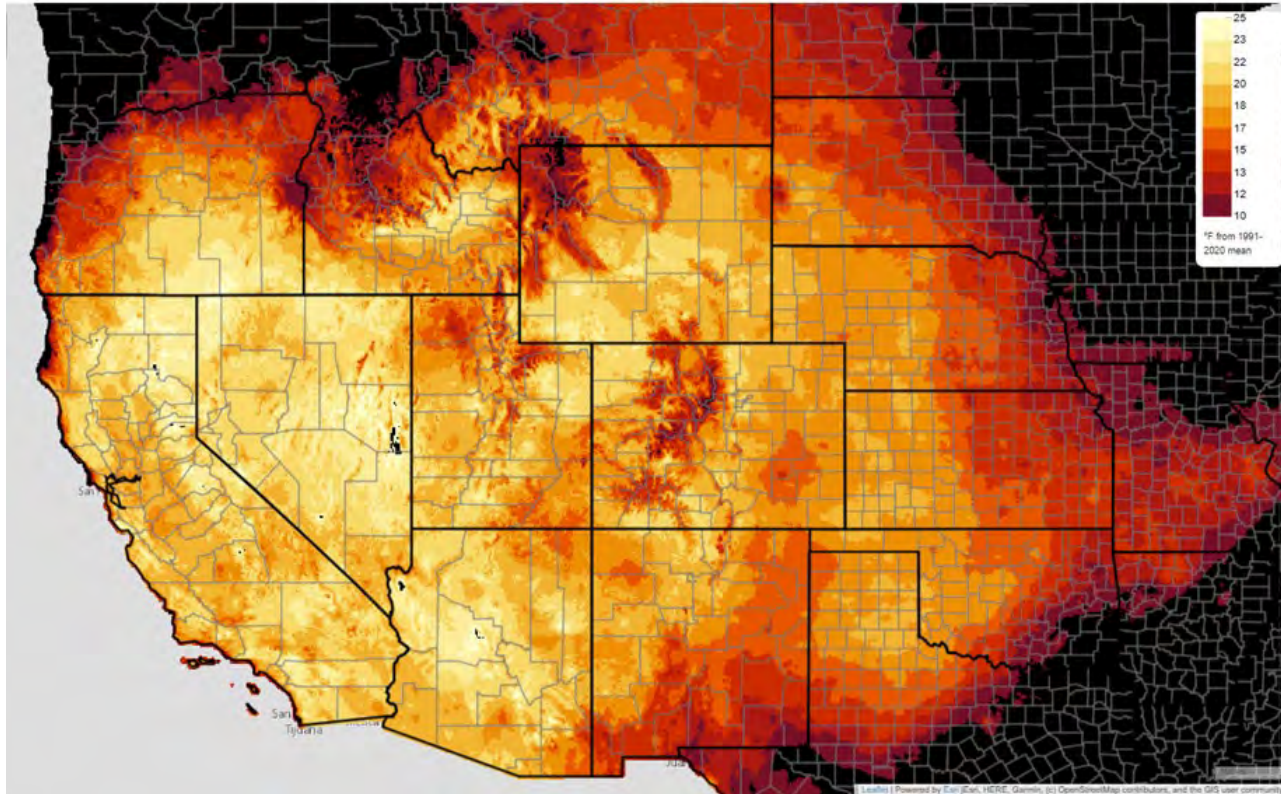
[coolwx.com/record](http://coolwx.com/record)

Agency - Utah Climate Center

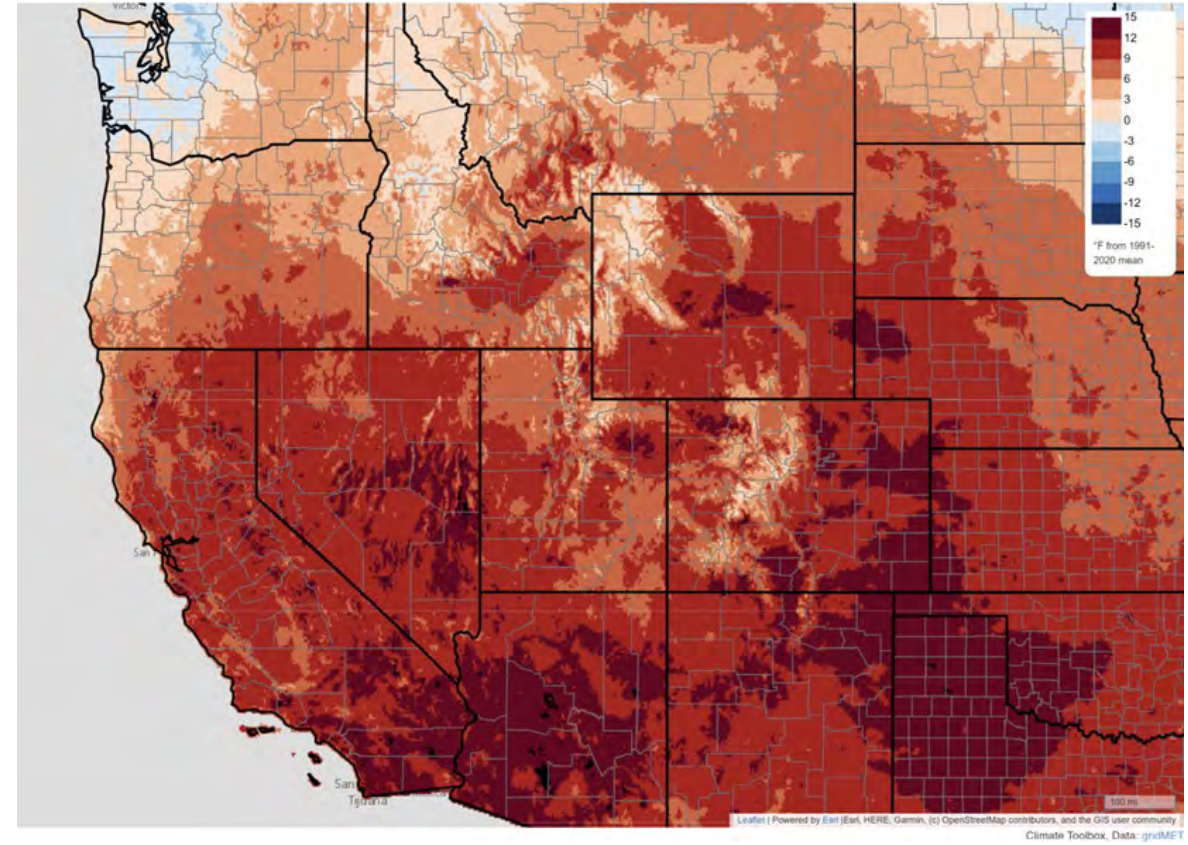
Presenter - Jon Meyer

# Temperature Summary

Maximum Daily Temperature Anomaly, Last 7 Days  
2026/03/16 - 2026/03/22



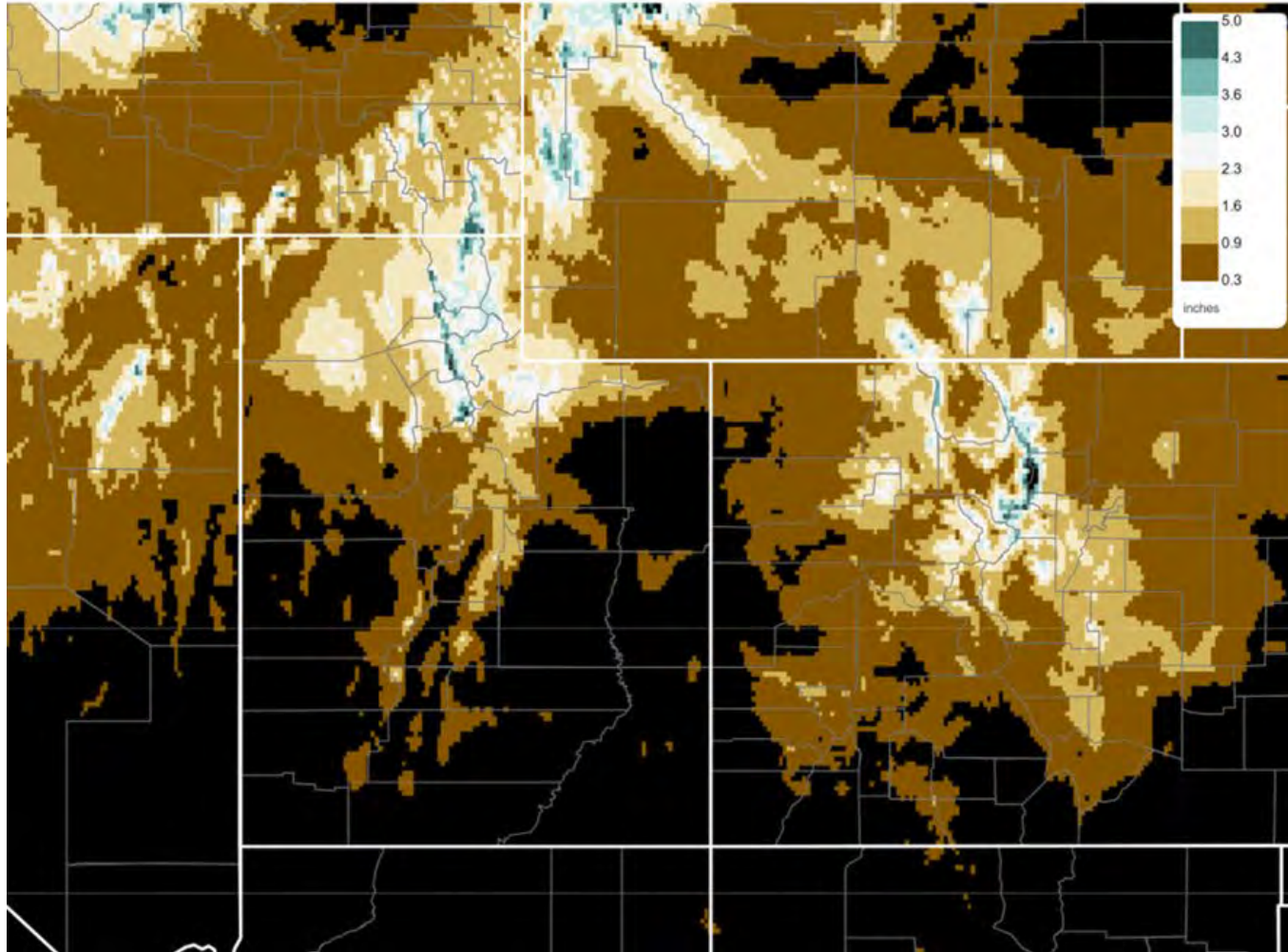
Maximum Daily Temperature Anomaly, Last 30 Days  
2026/02/21 - 2026/03/22



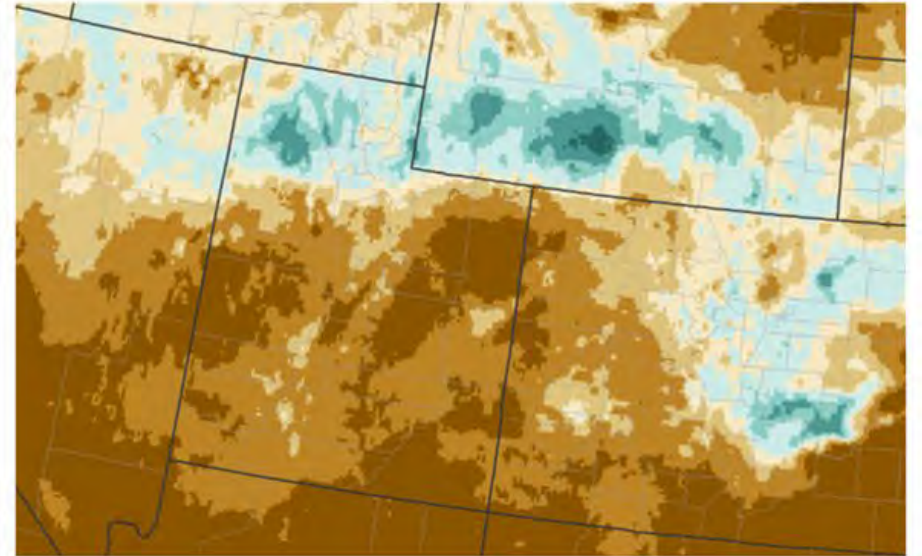
Agency - Utah Climate Center  
Presenter - Jon Meyer

# Precipitation Summary

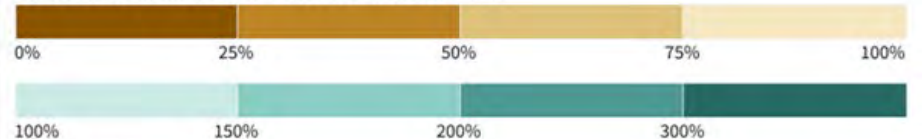
Total Precipitation, Last 30 Days  
2026/02/21 - 2026/03/22



30-Day Percent of Normal Precipitation



Precipitation Shown as a Percentage of Normal Conditions

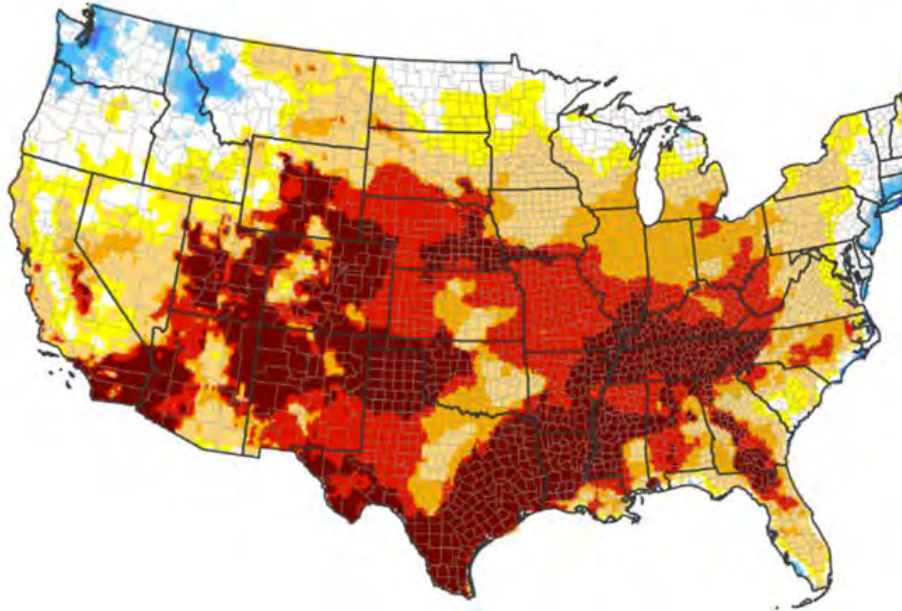


Source(s): UC Merced  
Data Valid: 03/21/26

**Drought.gov**

# Evaporative Demand: Recent & Forecasted

Evaporative Demand Drought Index (EDDI): 4 Week



Drought Conditions



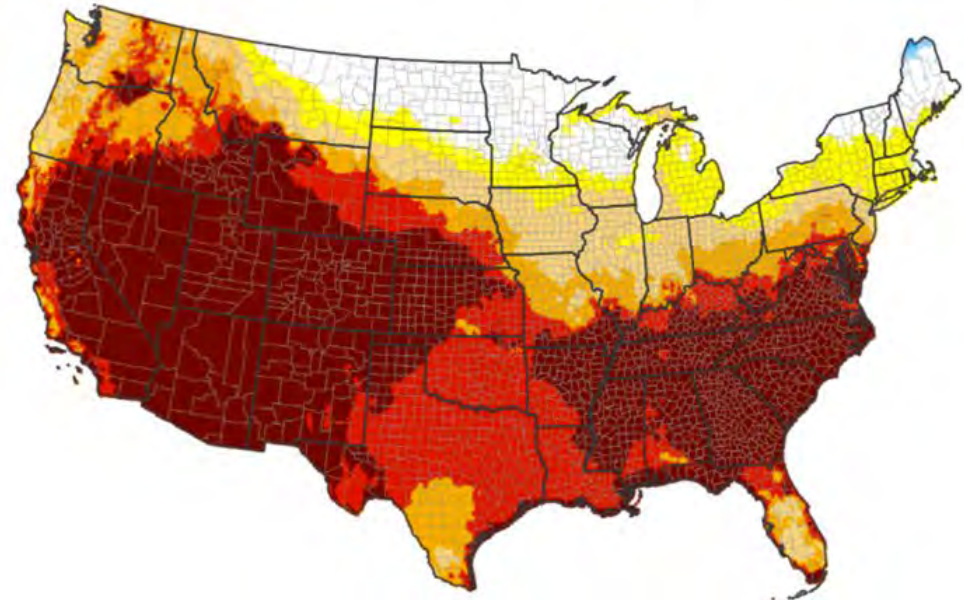
Wet Conditions



Source(s): NOAA Physical Sciences Laboratory  
Data Valid: 03/18/26

Drought.gov

Evaporative Demand Drought Index (EDDI) Forecast: 4 Weeks



Dry Conditions



Wet Conditions



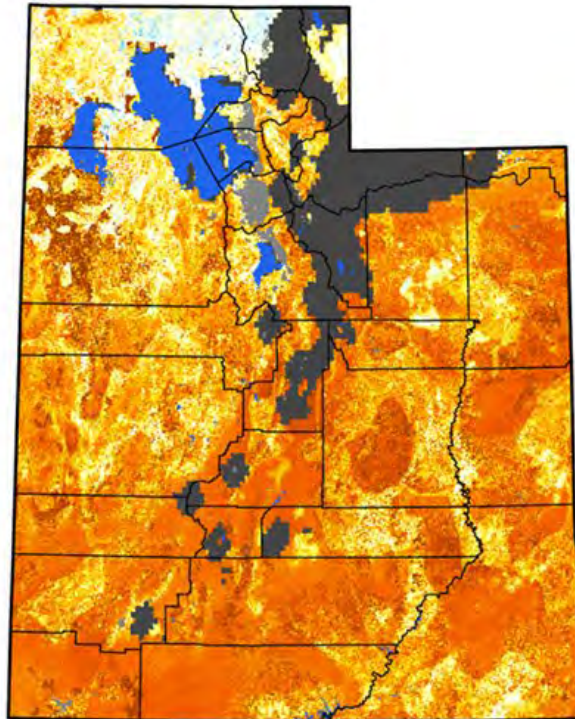
Source(s): UC Merced  
Updates Daily: 03/23/26

Drought.gov

# Drought Metrics

## Quick Drought Response Index Utah

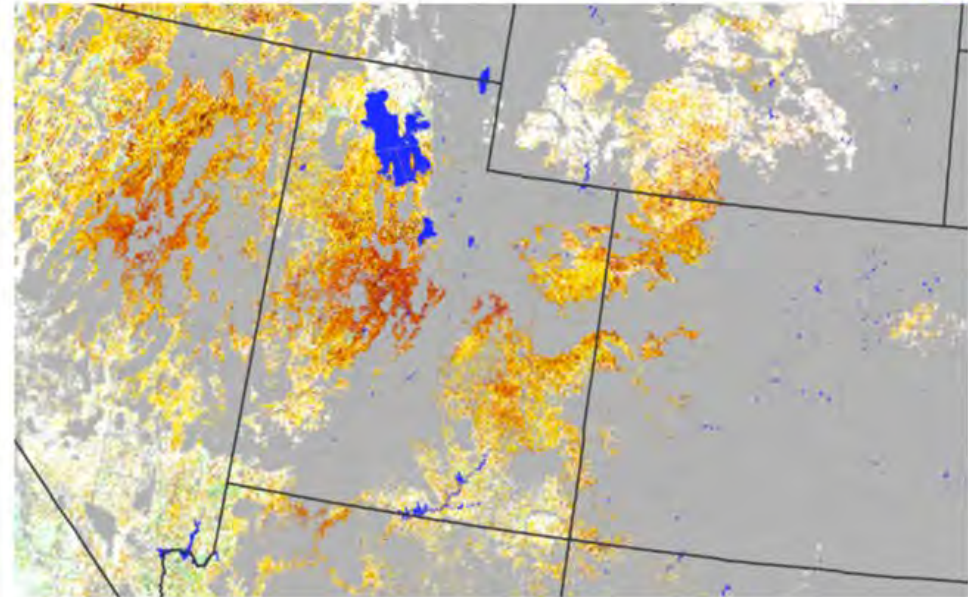
March 22, 2026  
(Week 12)



Conditions Relative to  
4-Week Historical Average



## Vegetation Drought Response Index (VegDRI)



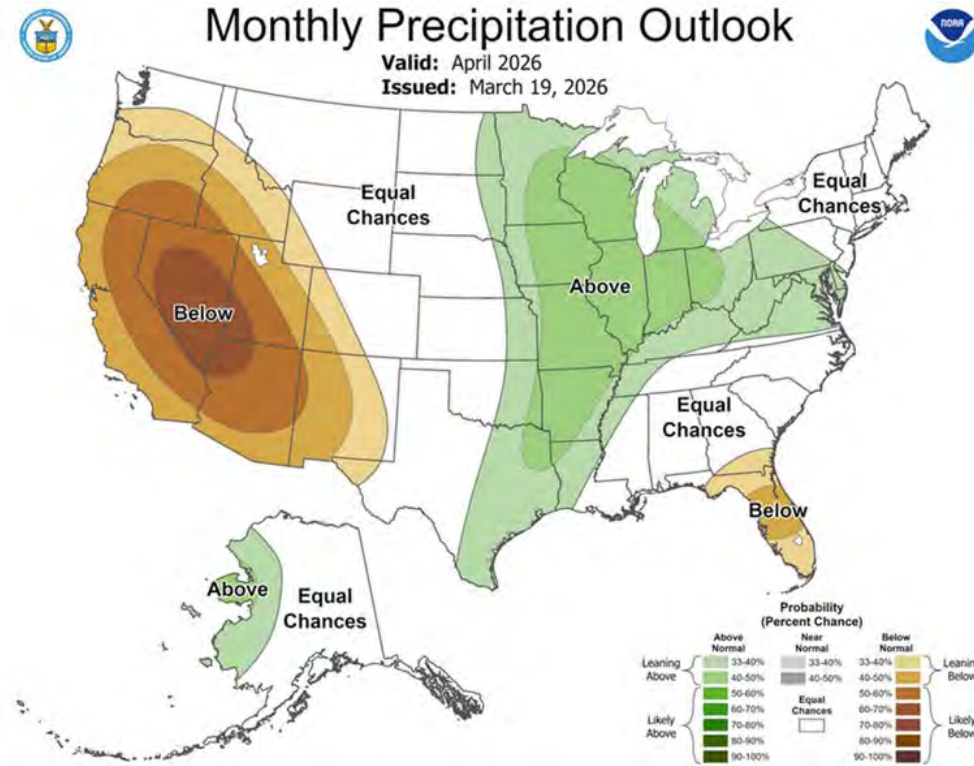
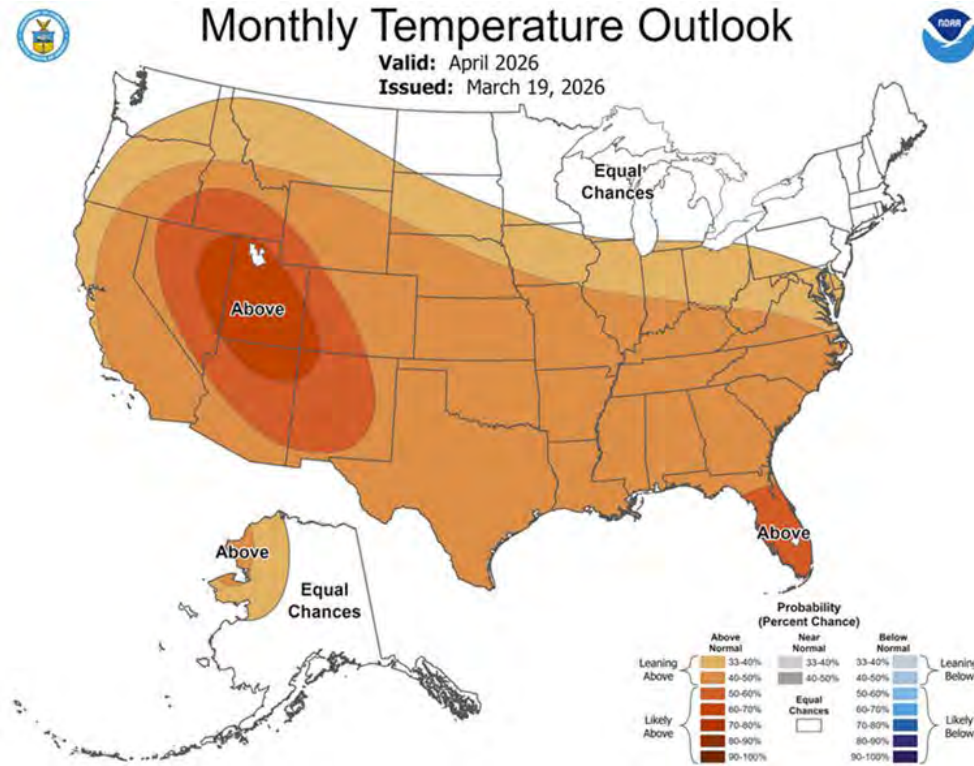
### Vegetation Conditions



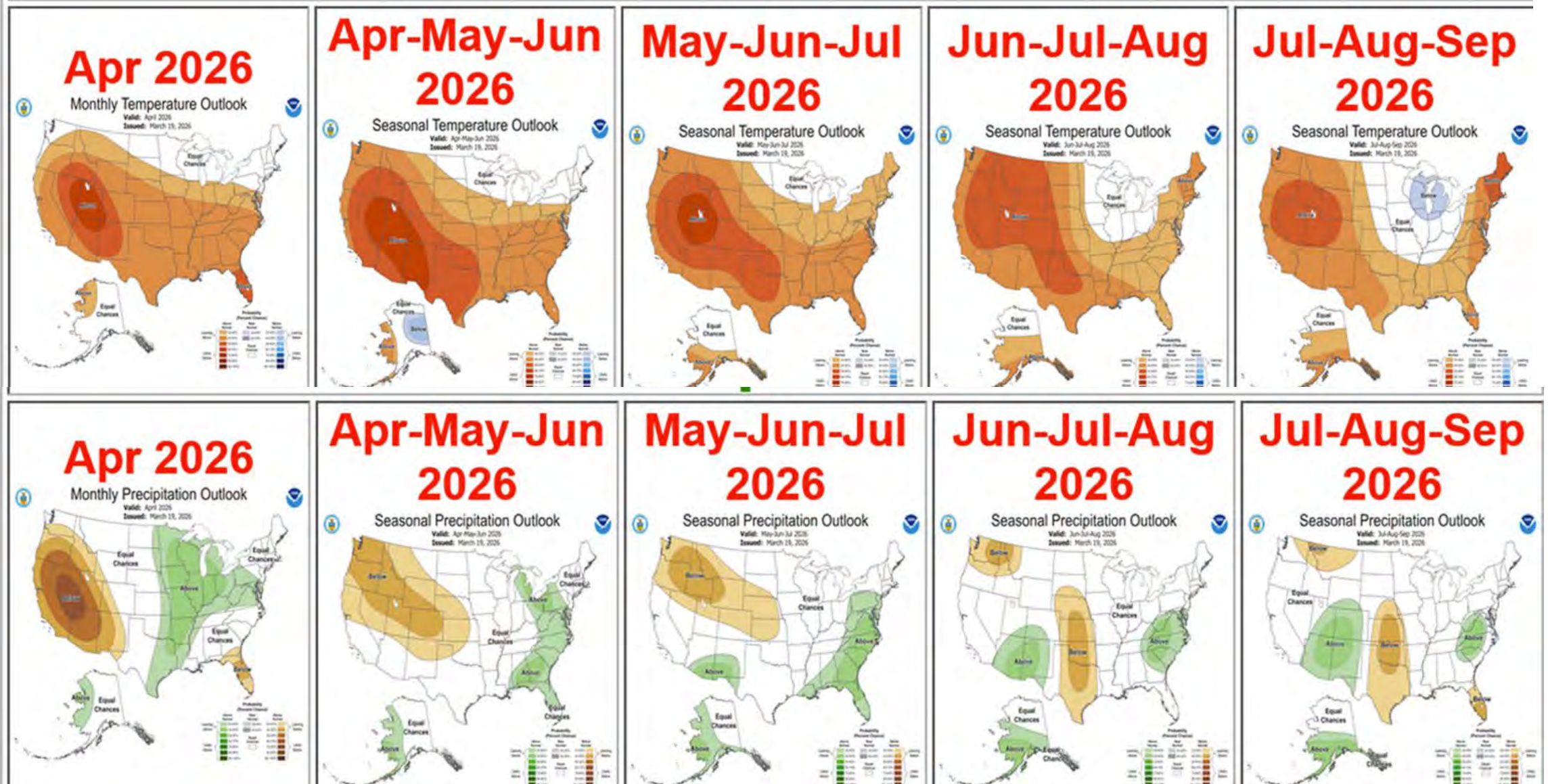
Source(s): NDMC, USGS, HPRCC  
Updates Weekly: 03/22/26

[Drought.gov](https://drought.gov)

# Climate Prediction Center: April Outlook



# Spring-Summer Transition Outlook

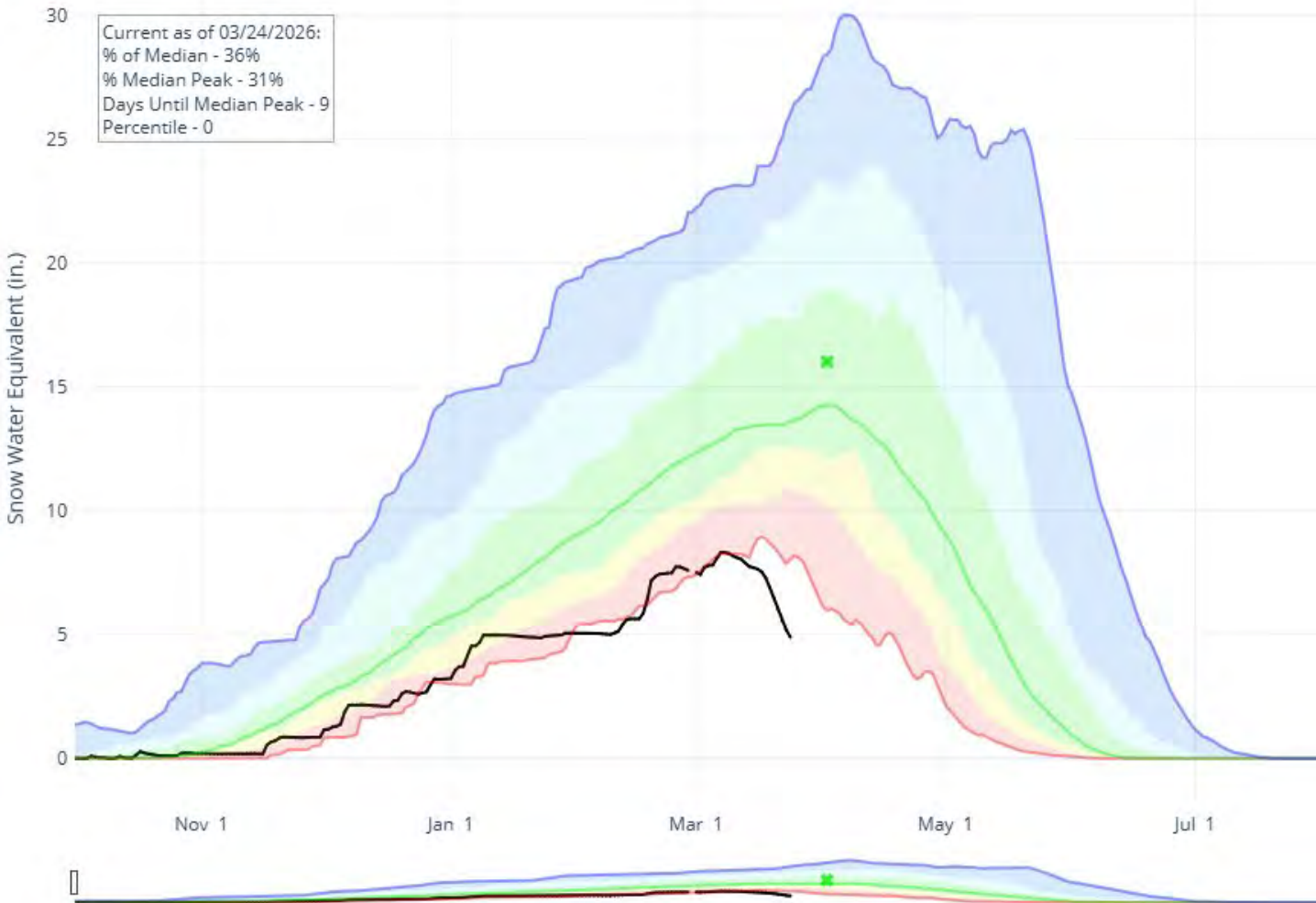


# Snowpack

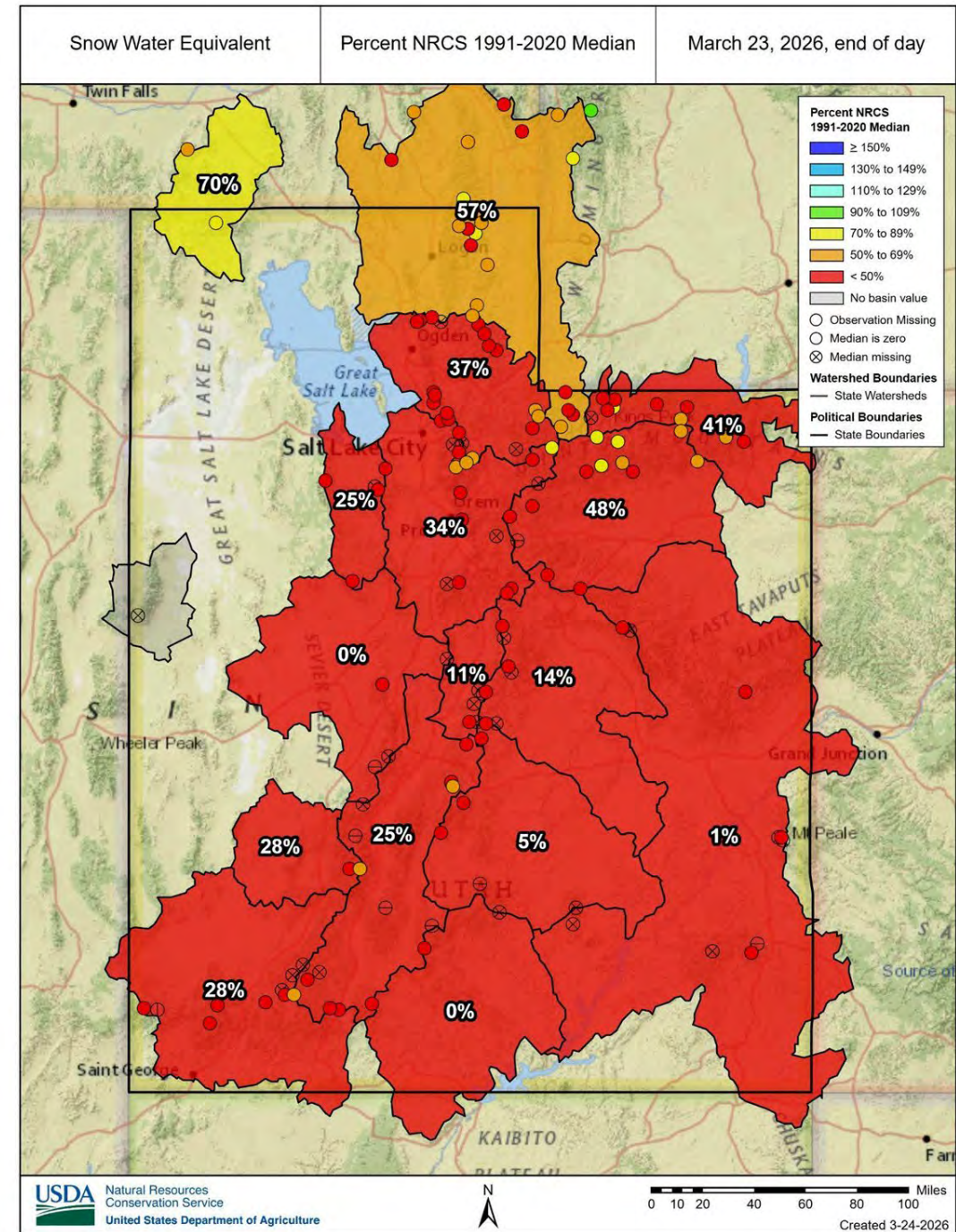
## SNOW WATER EQUIVALENT IN STATE OF UTAH

Reset Range

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



Agency - NRCS Snow Survey  
 Presenter - Jordan Clayton



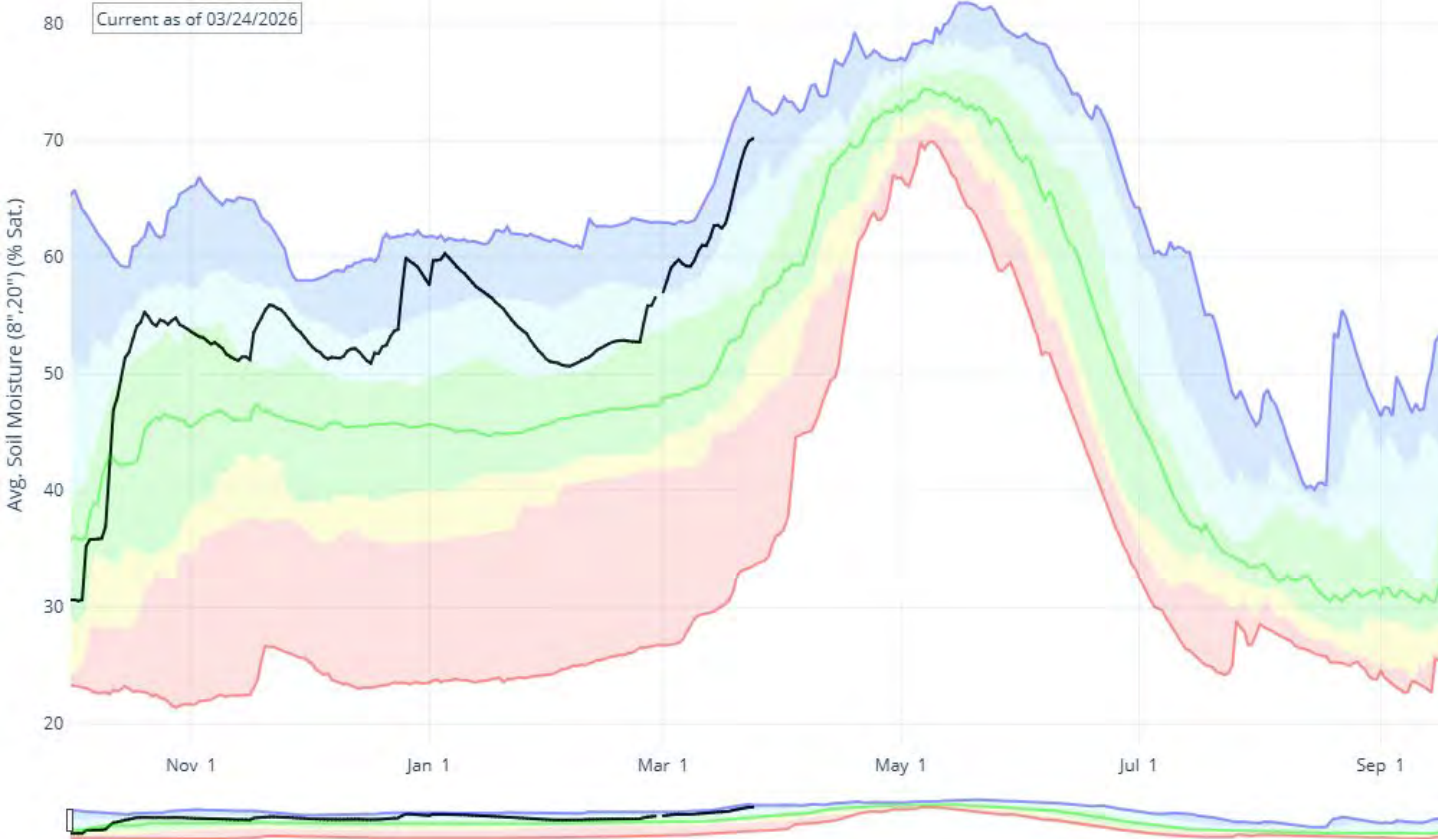
# Soil Moisture

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

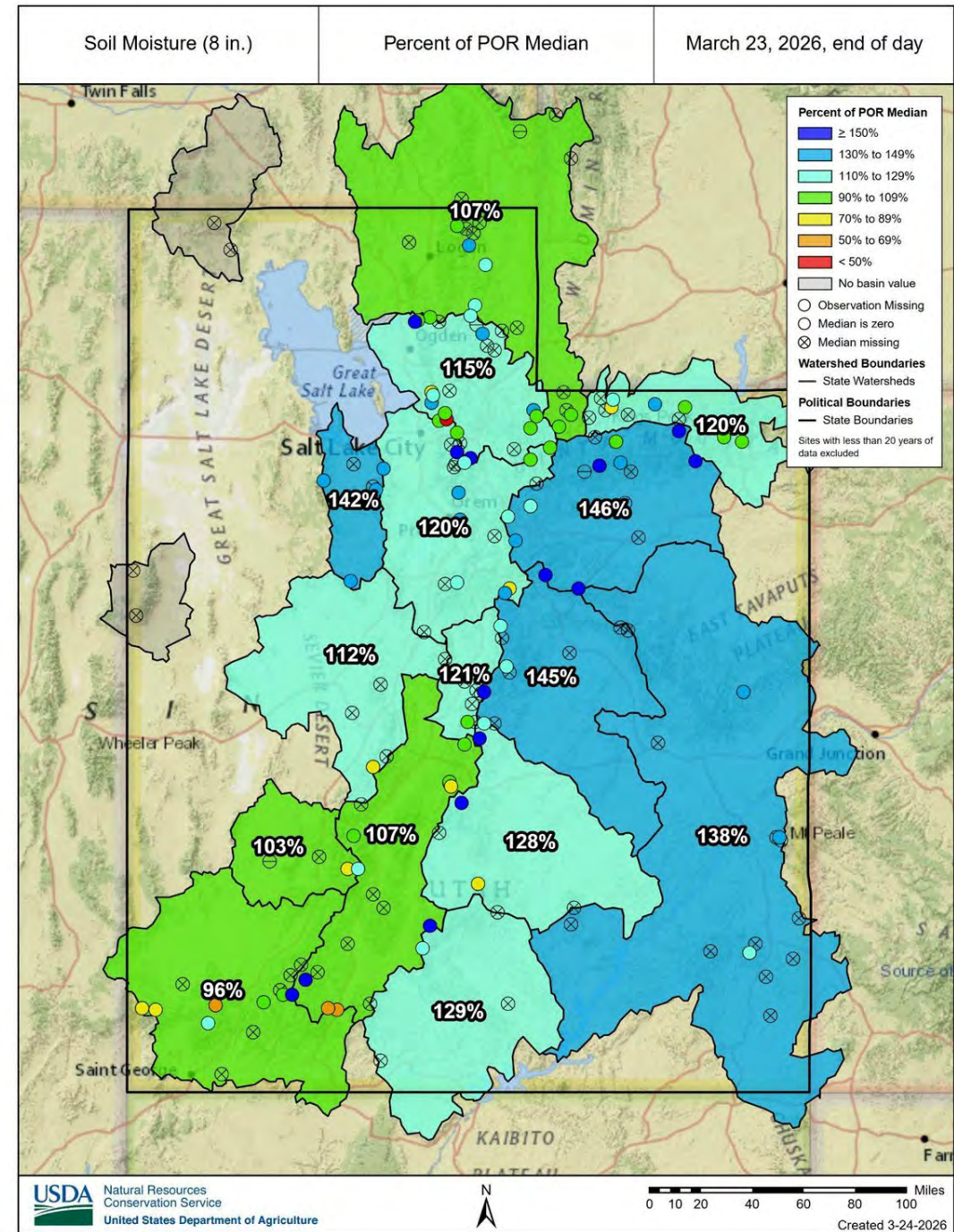
Reset Range

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

Current as of 03/24/2026



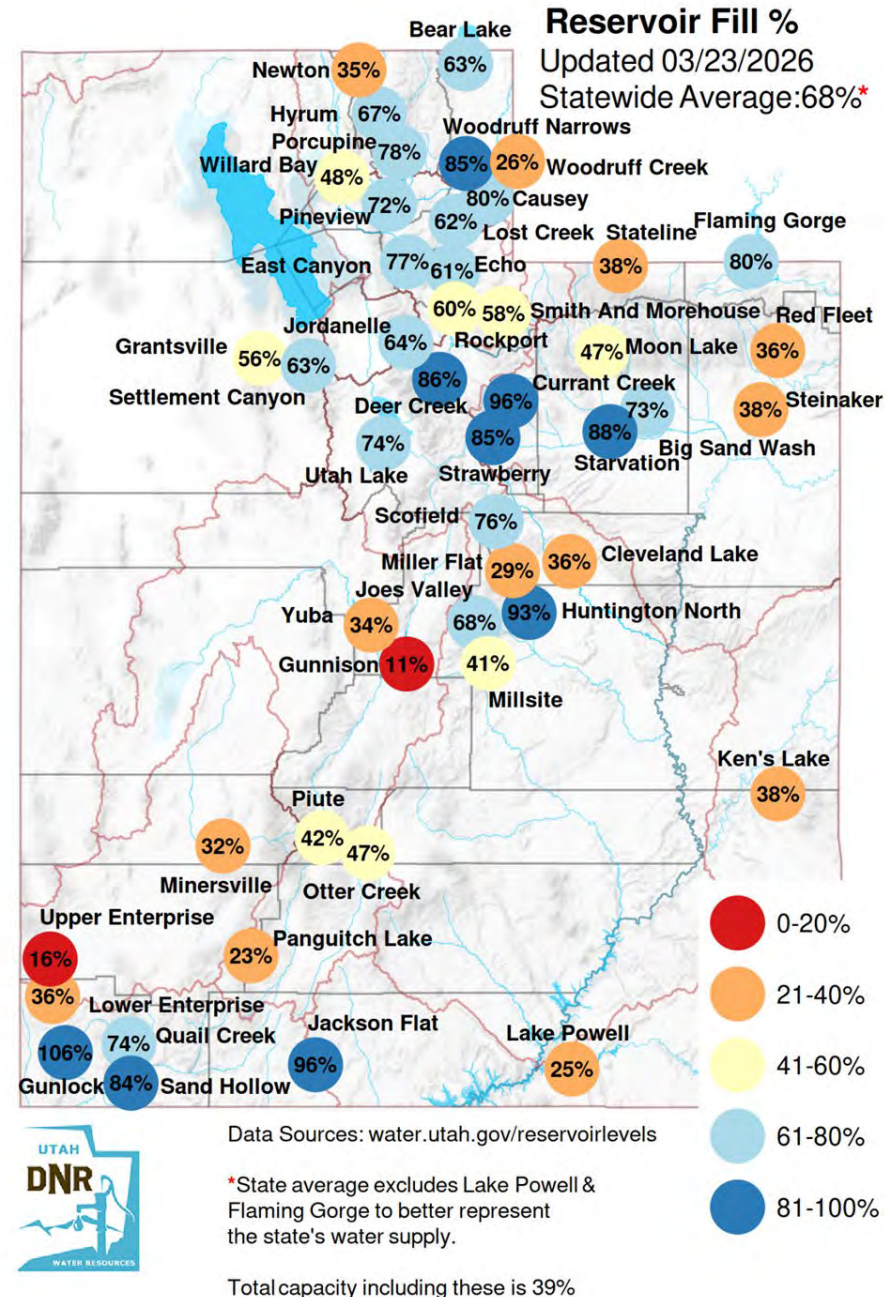
Agency - NRCS Snow Survey  
 Presenter - Jordan Clayton



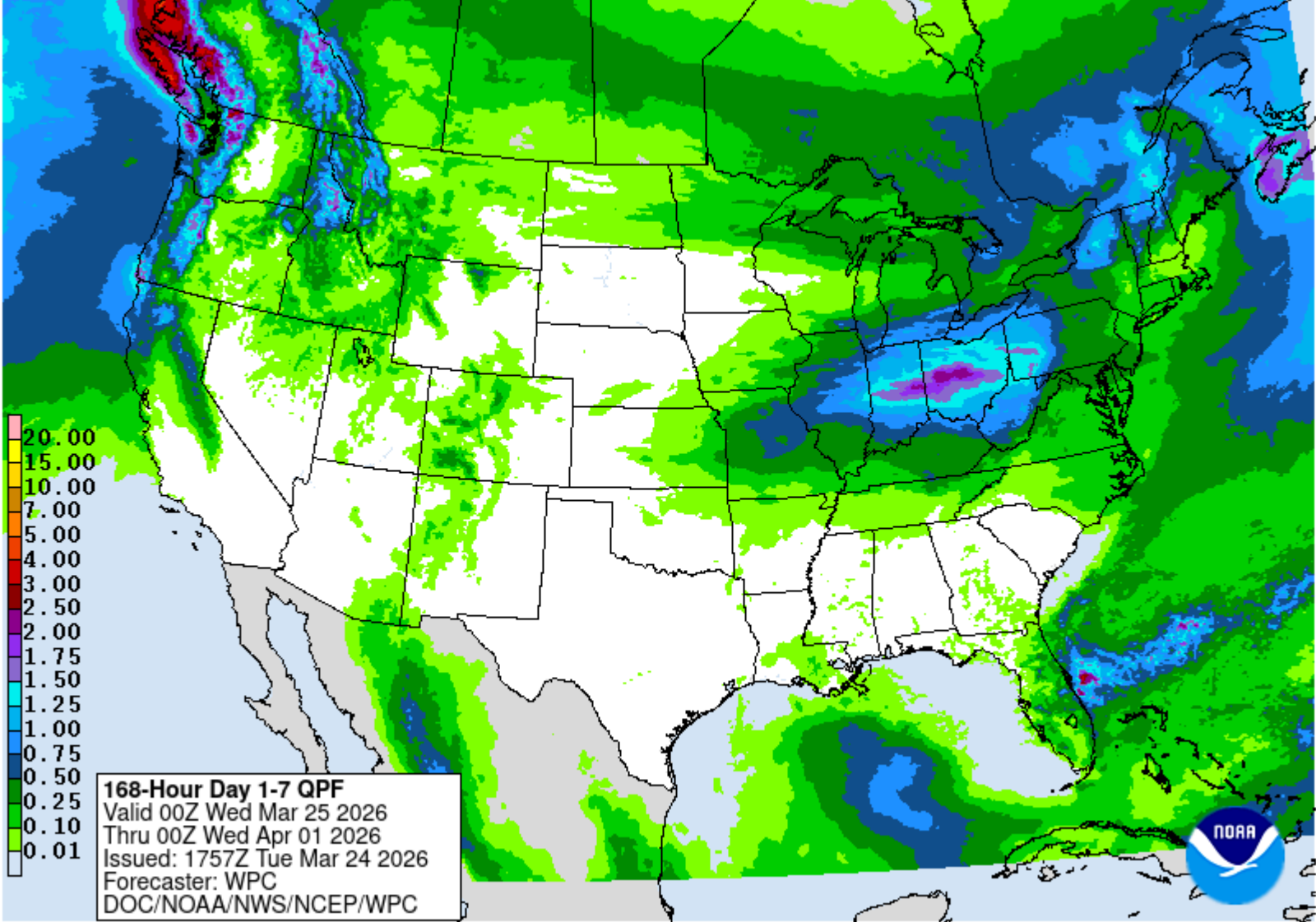
Statewide reservoir storage is 68%

4% higher than median for this time of year

12% below last year



# Weather Forecast Office Utah Day 1-7 Outlook

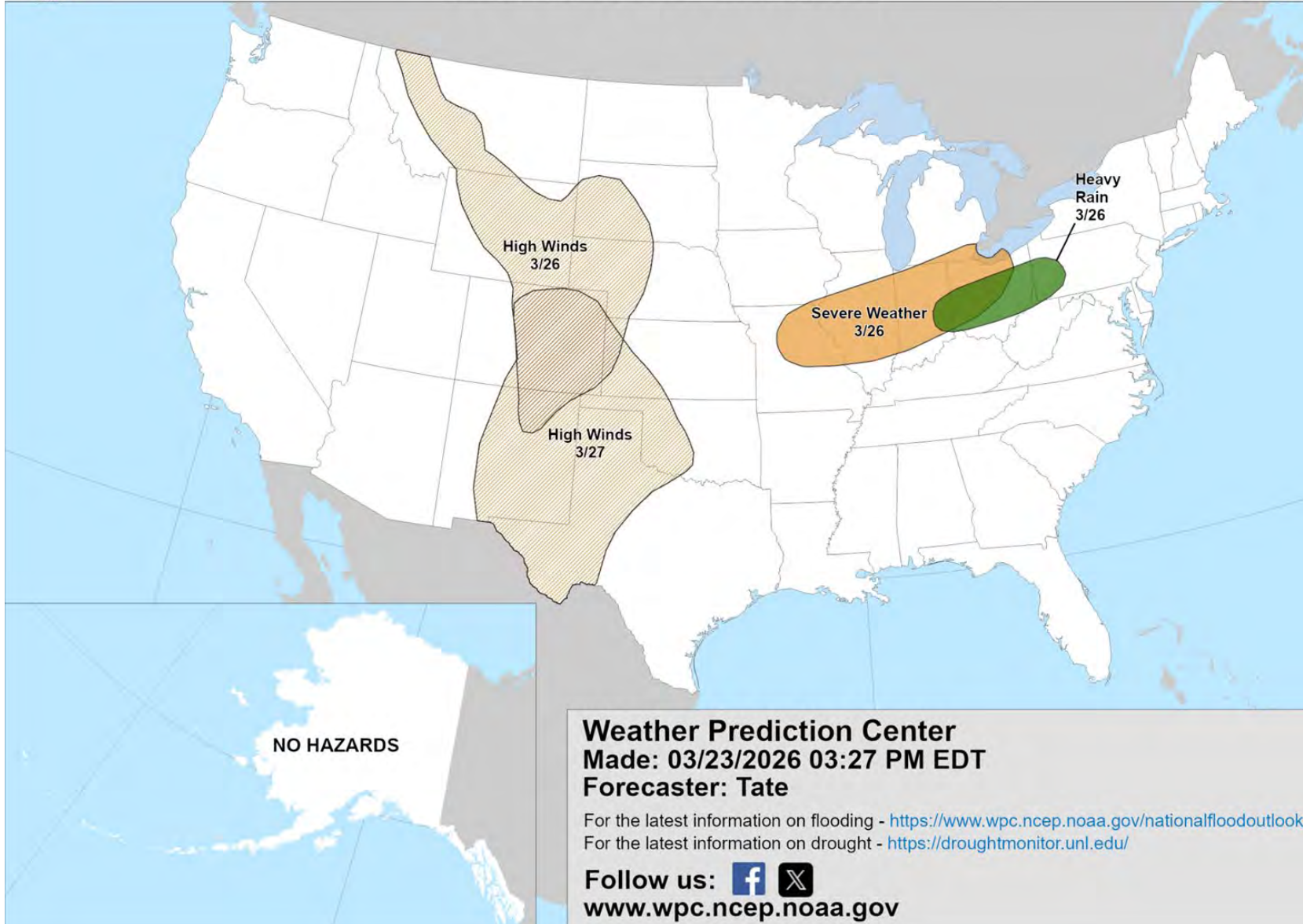


Agency - National Weather Service  
Presenter - Hayden Mahan



# Day 3-7 U.S. Hazards Outlook

Valid: 03/26/2026-03/30/2026



**Weather Prediction Center**  
Made: 03/23/2026 03:27 PM EDT  
Forecaster: Tate

For the latest information on flooding - <https://www.wpc.ncep.noaa.gov/nationalfloodoutlook/>  
For the latest information on drought - <https://droughtmonitor.unl.edu/>

Follow us:    
[www.wpc.ncep.noaa.gov](http://www.wpc.ncep.noaa.gov)

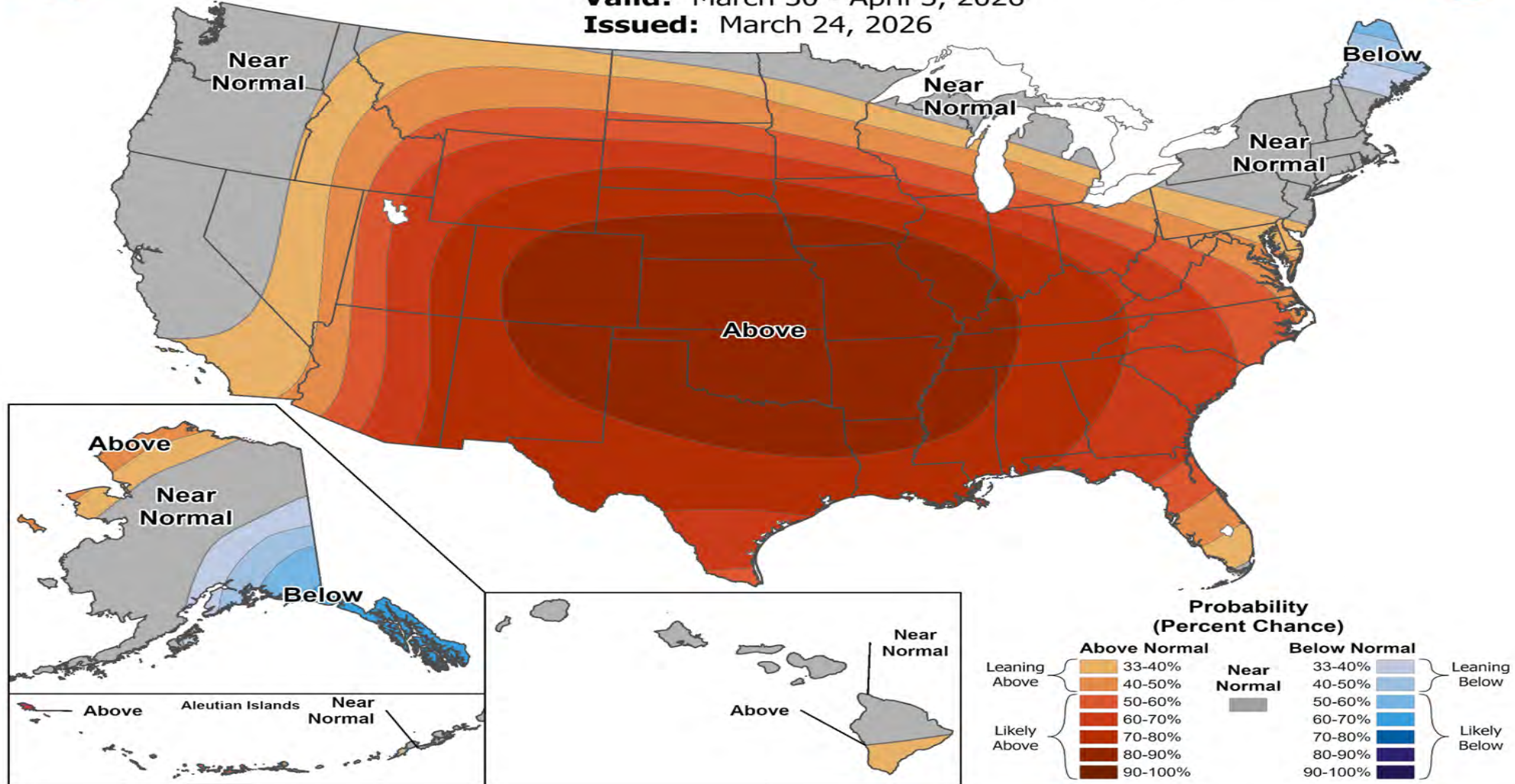
# Climate Prediction Center 8 to 14 Day Outlooks - Temperature



## 6-10 Day Temperature Outlook

**Valid:** March 30 - April 3, 2026

**Issued:** March 24, 2026



Agency - National Weather Service

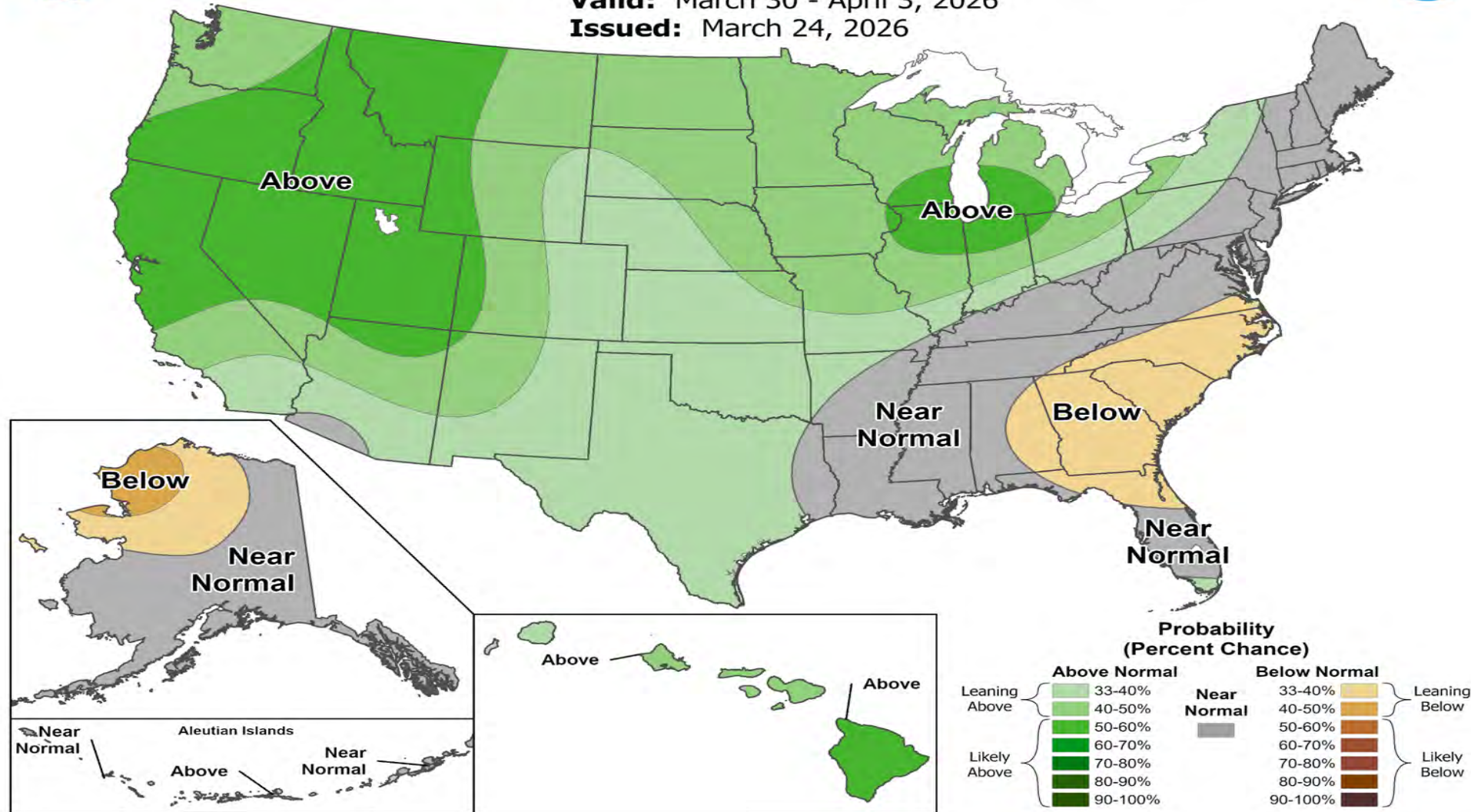
Presenter - Hayden Mahan

# Climate Prediction Center 8 to 14 Day Outlooks - Precipitation

## 6-10 Day Precipitation Outlook

**Valid:** March 30 - April 3, 2026

**Issued:** March 24, 2026



Agency - National Weather Service

Presenter - Hayden Mahan

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



**Risk of High Winds**  
Valid: March 31 - April 6, 2026



**Climate Prediction Center**

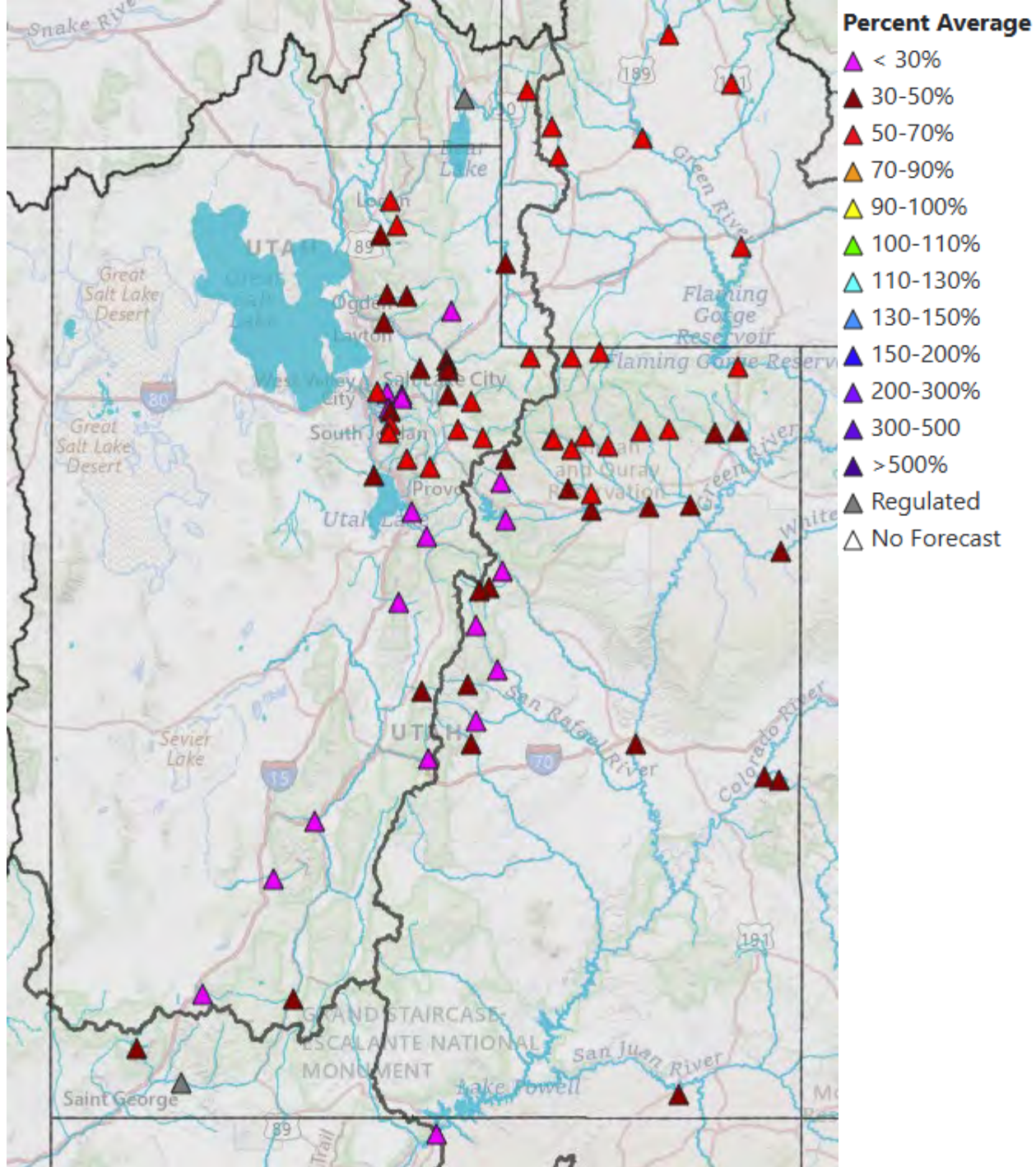
Released: March 23, 2026 3:00 PM EDT

Follow us:

[www.cpc.ncep.noaa.gov](http://www.cpc.ncep.noaa.gov)

Agency - National Weather Service

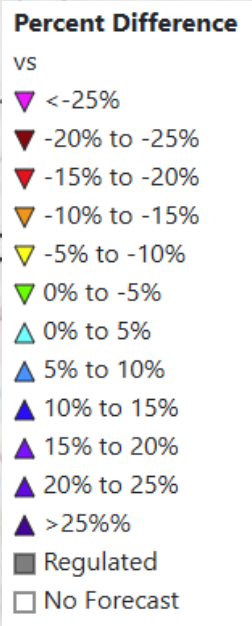
Presenter - Hayden Mahan



Hot and dry conditions in March have led to a further decline in runoff forecasts.

Forecasts range from 14% (Provo) to 61% (Little Cottonwood Creek) of normal

Most forecasts are currently below 50% of average.



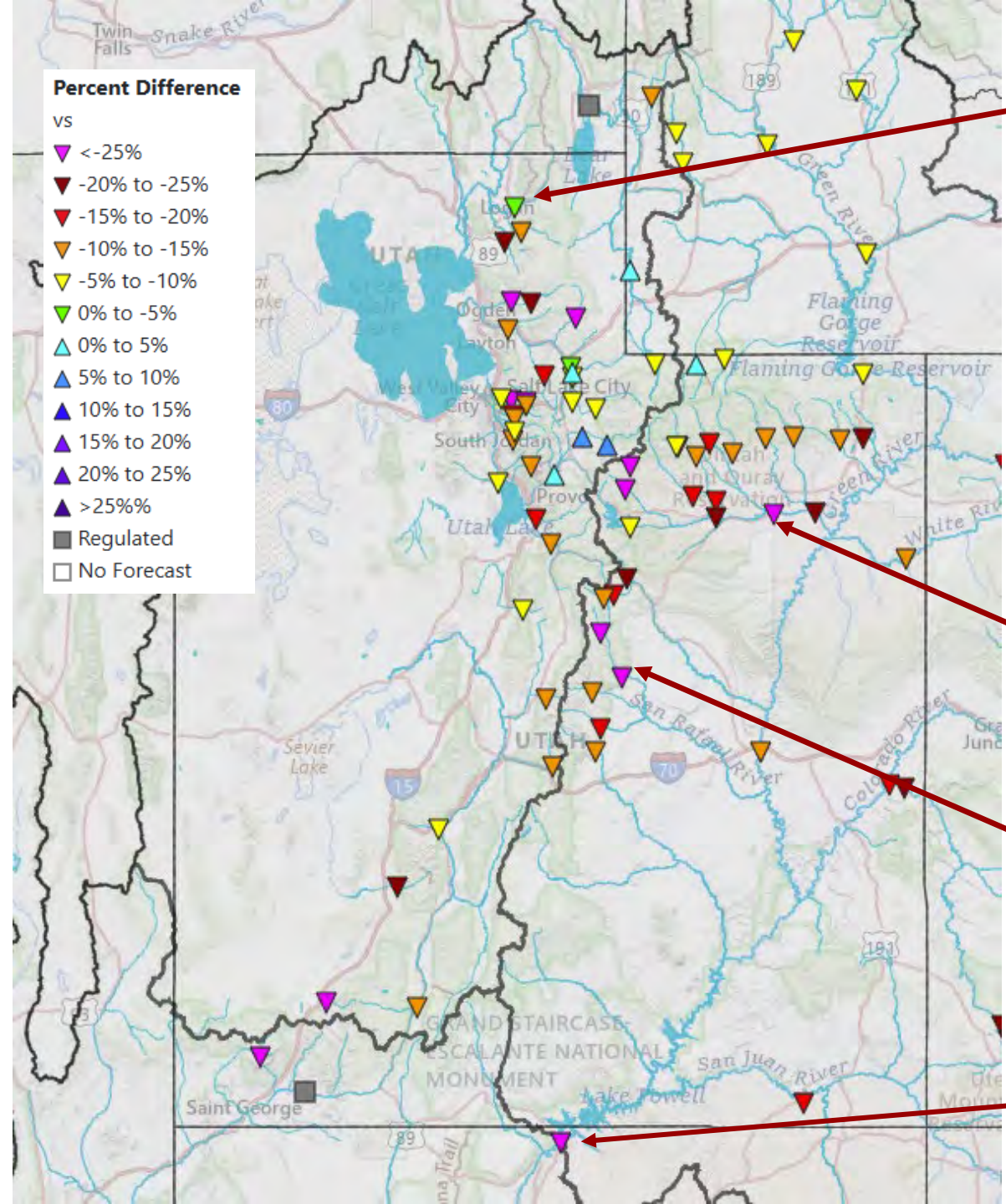
Logan: -4%

Forecasts have trended downward since the last meeting; some locations have dropped by 50%.

Duchesne: -27%

Huntington Creek: -42%

Powell: -28%





# Ten Highest Forecast Points

Slot	Area	Sub Area	Forecast Group	RFC	HSA	St	NWS ID	River	Location	ESP Date	Forecast Period	MP 50	Pct Avg	Pct Avg
35	Great	Six Creeks	Six Creeks-Jordan	CBRFC	SLC	UT	<a href="#">LCTU1</a>	Little Cottonwood Ck	Salt Lake City; Nr	2026-03-23	Apr-Jul	21.0	34.0	61%
29	Green	Duchesne	Duchesne-Price	CBRFC	SLC	UT	<a href="#">USTU1</a>	Rock Ck	Upper Stillwater Reservoir	2026-03-23	Apr-Jul	43.0	72.0	60%
3	Great	Bear	Bear	CBRFC	RIW	WY	<a href="#">BORW4</a>	Smiths Fork	Border; Nr	2026-03-23	Apr-Jul	52.0	88.0	59%
31	Green	Duchesne	Duchesne-Price	CBRFC	SLC	UT	<a href="#">ROKU1</a>	Rock Ck	Mountain Home; Nr	2026-03-23	Apr-Jul	50.0	87.0	58%
5	Great	Bear	Bear	CBRFC	SLC	UT	<a href="#">LGNU1</a>	Logan	Logan; Nr; State Dam; Abv	2026-03-23	Apr-Jul	62.0	106	58%
6	Great	Bear	Bear	CBRFC	SLC	UT	<a href="#">HRMU1</a>	Blacksmith Fork	Hyrum; Nr; Upnl Dam; Abv	2026-03-23	Apr-Jul	21.0	37.0	57%
27	Green	Duchesne	Duchesne-Price	CBRFC	SLC	UT	<a href="#">YLLU1</a>	Yellowstone	Altonah; Nr	2026-03-23	Apr-Jul	33.0	60.0	54%
18	Great	Utah Lake	Provo-Utah Lake	CBRFC	SLC	UT	<a href="#">WOOU1</a>	Provo	Woodland; Nr	2026-03-23	Apr-Jul	52.0	96.0	54%
1	Great	Bear	Bear	CBRFC	SLC	UT	<a href="#">BERU1</a>	Bear	Utah	2026-03-23	Apr-Jul	58.0	109	54%
28	Green	Duchesne	Duchesne-Price	CBRFC	SLC	UT	<a href="#">LAAU1</a>	Lake Fork	Moon Lake Reservoir; Mtn Home; Nr	2026-03-23	Apr-Jul	34.0	64.0	53%



# Ten Lowest Forecast Points

Slot	Area	Sub Area	Forecast Group	RFC	HSA	St	NWS ID	River	Location	ESP Date	Forecast Period	MP 50	Avg	Pct Avg
36	Green	Duchesne	Duchesne-Price	CBRFC	SLC	UT	<a href="#">STIU1</a>	Strawberry	Strawberry Reservoir; Soldier Springs	2026-03-23	Apr-Jul	11.8	60.0	20%
32	Great	Six Creeks	Six Creeks-Jordan	CBRFC	SLC	UT	<a href="#">PRLU1</a>	Parleys Ck	Salt Lake City; Nr	2026-03-23	Apr-Jul	2.10	11.5	19%
13	Great	Weber	Weber	CBRFC	SLC	UT	<a href="#">CRAU1</a>	Lost Ck	Lost Ck Reservoir; Croyden; Nr	2026-03-23	Apr-Jul	2.50	12.8	19%
35	Green	Duchesne	Duchesne-Price	CBRFC	SLC	UT	<a href="#">CRUU1</a>	Currant Ck	Currant Ck Reservoir	2026-03-23	Apr-Jul	3.00	17.7	17%
45	Green	Lower	San Rafael-Dirty Devil	CBRFC	SLC	UT	<a href="#">HPBU1</a>	Huntington Ck	Power Plant; Blo	2026-03-23	Apr-Jul	5.90	40.0	15%
25	Great	Utah Lake	Provo-Utah Lake	CBRFC	SLC	UT	<a href="#">SZZU1</a>	Salt Ck	Nephi Powerplant Div; Blo	2026-03-23	Apr-Jul	1.15	7.80	15%
6	Sevier		Sevier	CBRFC	SLC	UT	<a href="#">SAYU1</a>	Salina Ck	Emery; Nr	2026-03-23	Apr-Jul	0.940	6.20	15%
42	Green	Lower	Duchesne-Price	CBRFC	SLC	UT	<a href="#">WRSU1</a>	White	Blo Tabbyune Ck; Soldier Summit; Nr	2026-03-23	Apr-Jul	1.72	12.6	14%
30	Great	Six Creeks	Six Creeks-Jordan	CBRFC	SLC	UT	<a href="#">DELU1</a>	Dell Fk	Little Dell Reservoir	2026-03-23	Apr-Jul	0.620	4.40	14%
22	Great	Utah Lake	Provo-Utah Lake	CBRFC	SLC	UT	<a href="#">HBCU1</a>	Hobble Ck	Springville; 700 East	2026-03-23	Apr-Jul	2.30	16.5	14%

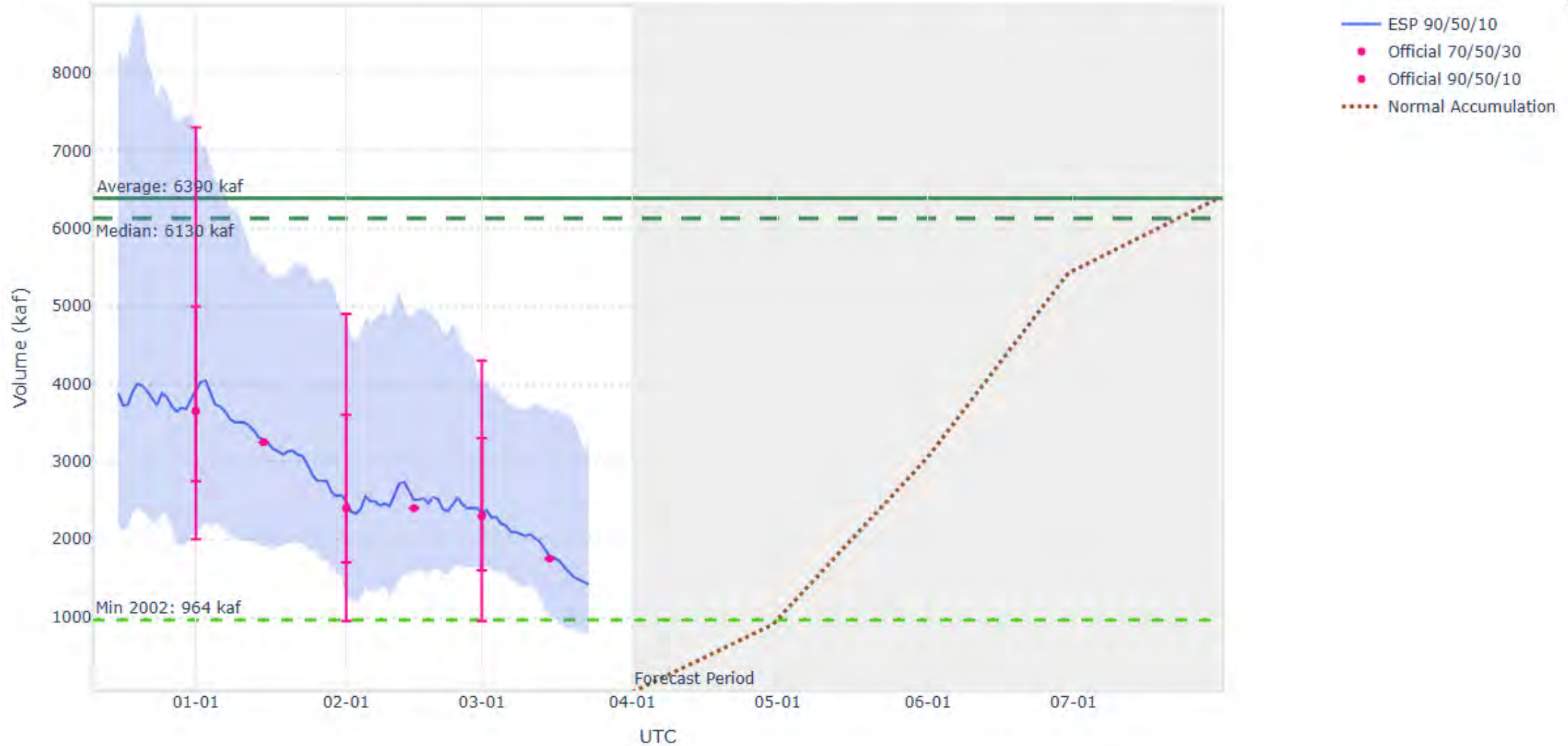
## 2026 Water Supply Forecast - Colorado - Lake Powell, Glen Cyn Dam, At (GLDA3)

ESP is Unregulated and Includes 7 Day Precipitation Forecast

Official 50% Fcst (2026-03-15): 1750 kaf (27% Avg, 29% Med), (3% of Yrs Below Fcst, 61 Highest Flow / 62 Tot Yrs)

ESP 50% Fcst (2026-03-23): 1422 kaf (22% Avg, 23% Med), (3% of Yrs Below Fcst, 61 Highest Flow / 62 Tot Yrs)

No Observed



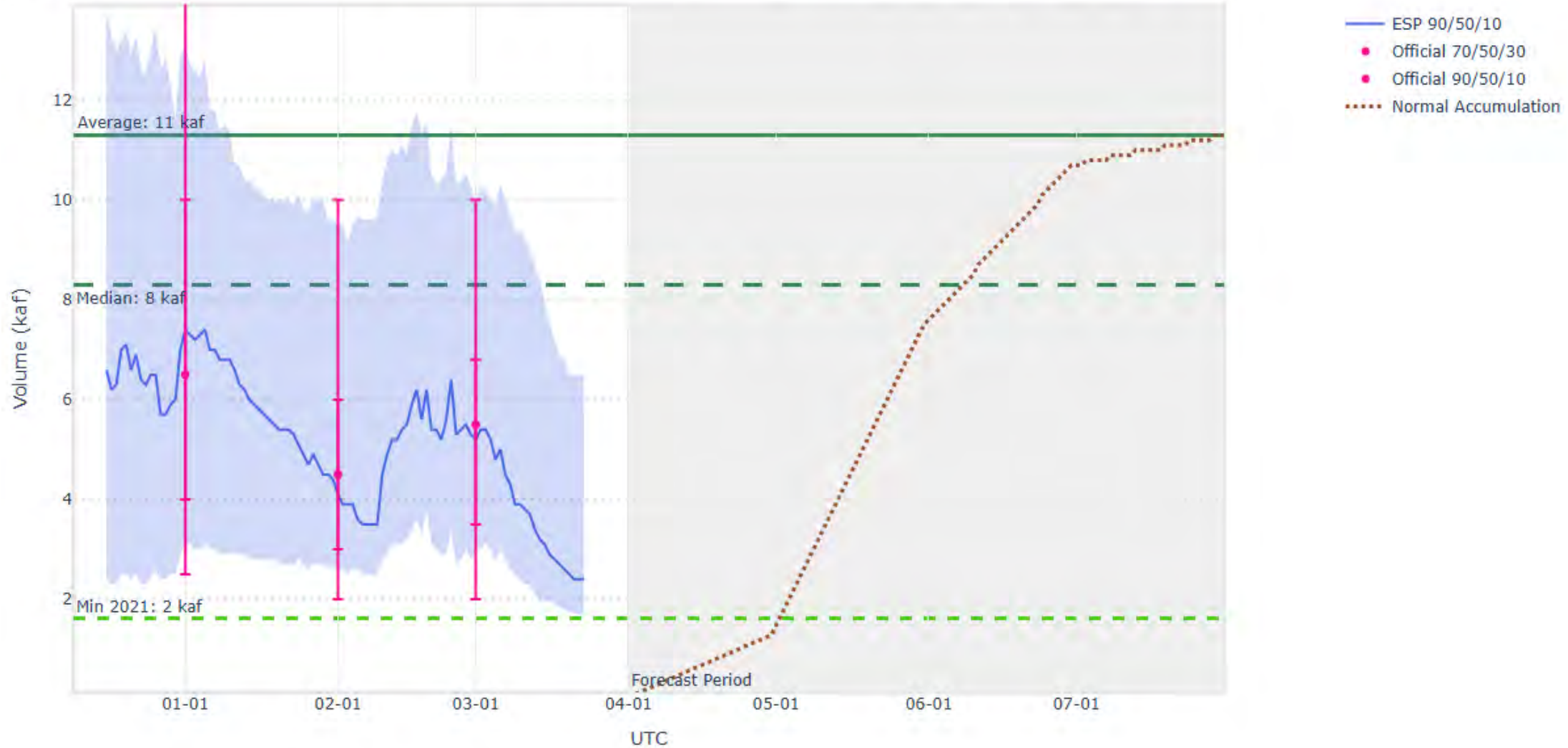
## 2026 Water Supply Forecast - Huntington Ck - Electric Lake (ELLU1)

ESP is Unregulated and Includes 7 Day Precipitation Forecast

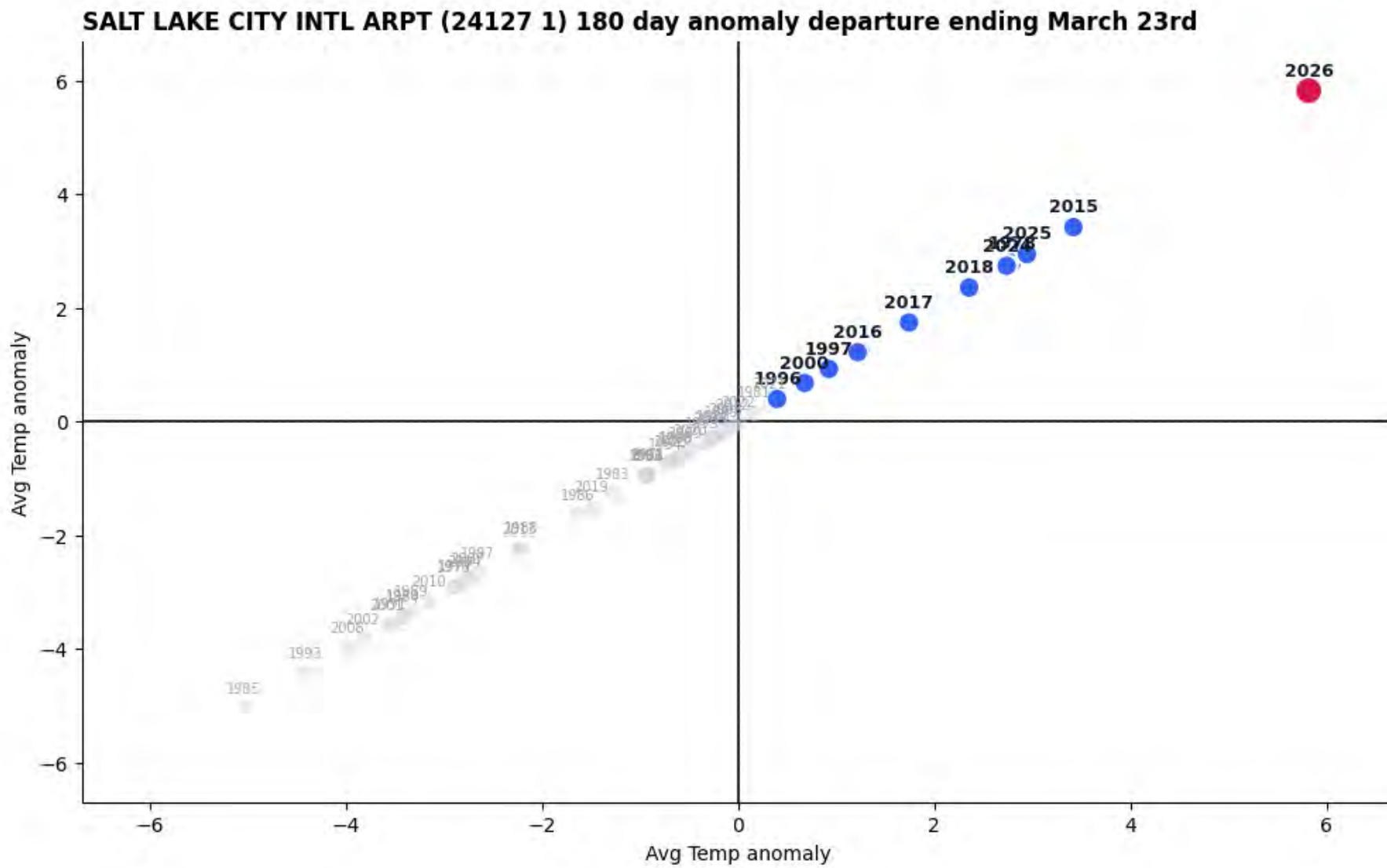
Official 50% Fcst (2026-03-01): 5.5 kaf (49% Avg, 66% Med), (11% of Yrs Below Fcst, 47 Highest Flow / 52 Tot Yrs)

ESP 50% Fcst (2026-03-23): 2.4 kaf (21% Avg, 28% Med), (1% of Yrs Below Fcst, 52 Highest Flow / 52 Tot Yrs)

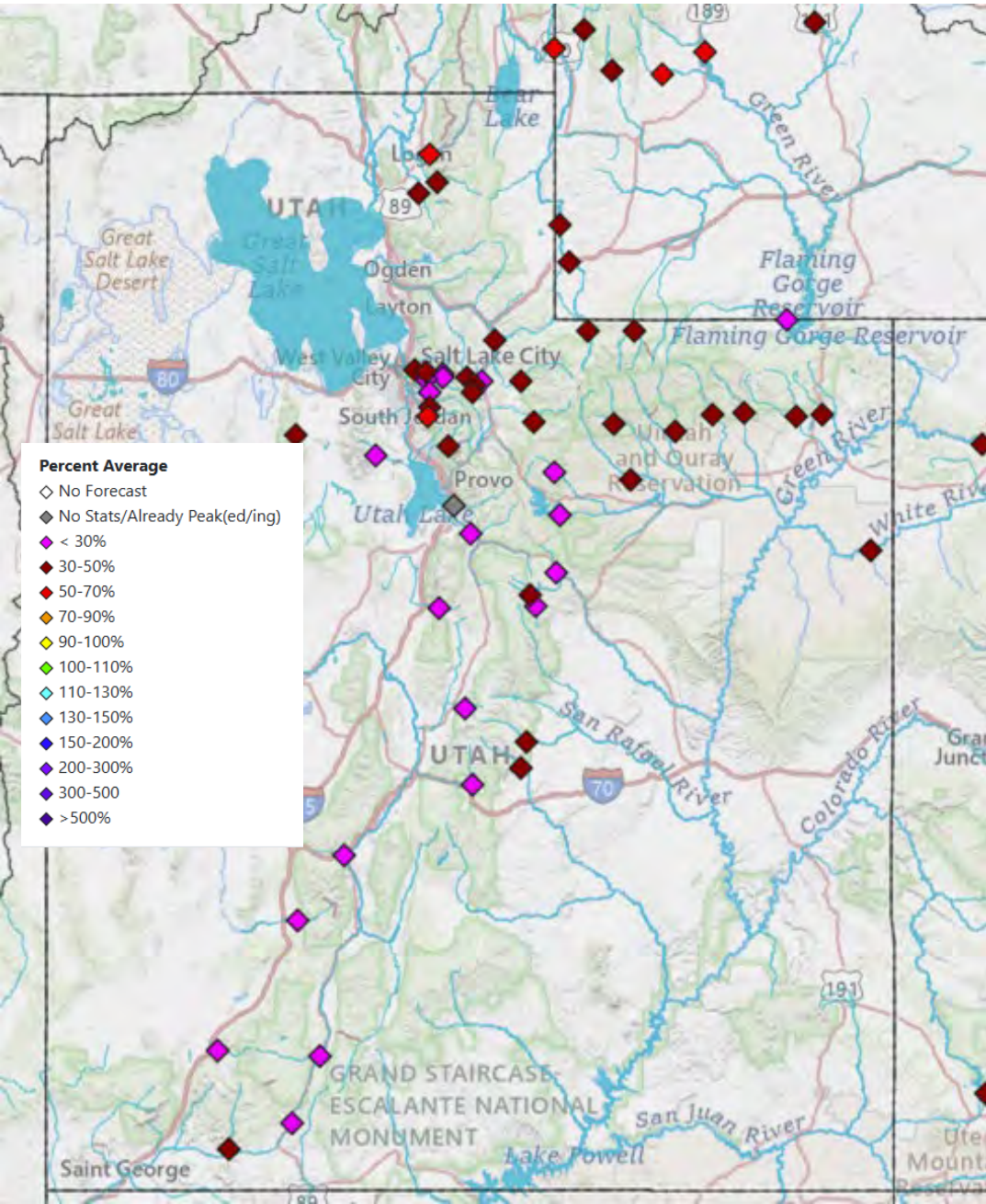
No Observed



# Model Uncertainty: This is Not A Normal Year



# Peak Flow Forecast



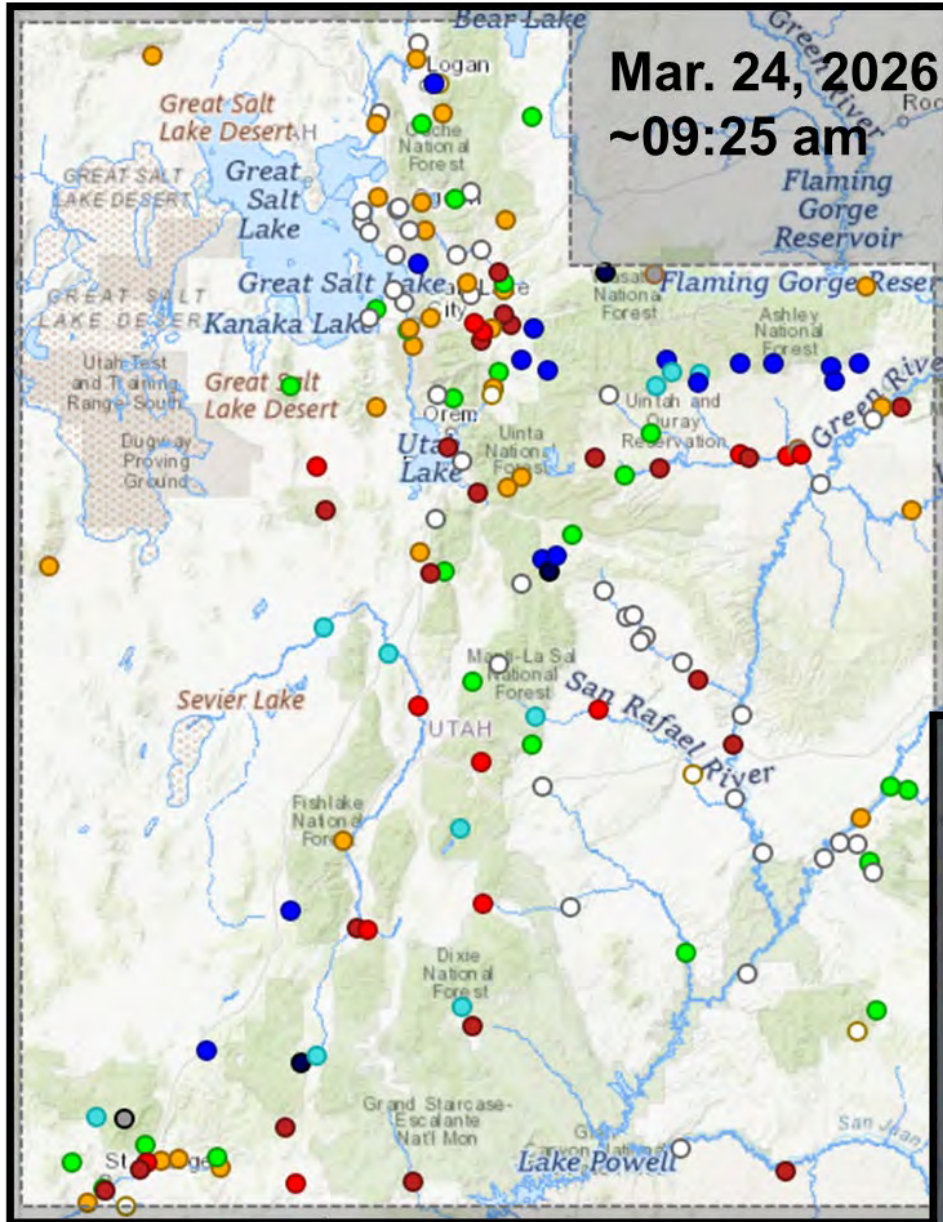
We have a water supply webinar on Tuesday April 7th at 10 a.m. You can register here:

<https://www.cbrfc.noaa.gov/news/wswebinar.htm>  
!

Or, just go to our homepage and click on the link in the banner.

# Current Streamflows

Percentage of Gages



Mar. 24, 2026  
~09:25 am

Day-of-Year Status	Mar. 3	Mar. 24
All-time high for this day-of-year	2.4%	1.8%
Much above normal for this day-of-year	7.1% ■	10.1% ■
Above normal for this day-of-year	7.1% ■	6.0% ■
Normal for this day-of-year	31.5% ■	15.5% ■
Below normal for this day-of-year	9.5% ■	17.3% ■
Much below normal for this day-of-year	9.5% ■	12.5% ■
All-time low for this day-of-year	3.6% ■	7.7% ■
Not ranked - insufficient record	23.2% ■	24.4% ■
Not ranked - no measurement	2.4%	1.2%
Not ranked - stream not flowing	2.4%	3.0%
Not ranked - no recent measurement	1.2%	0.6%

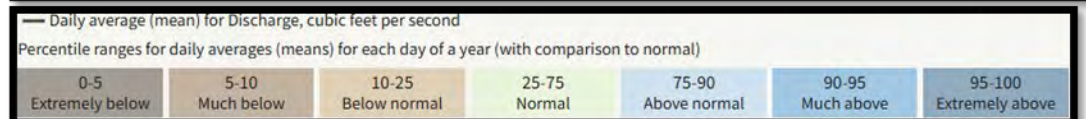
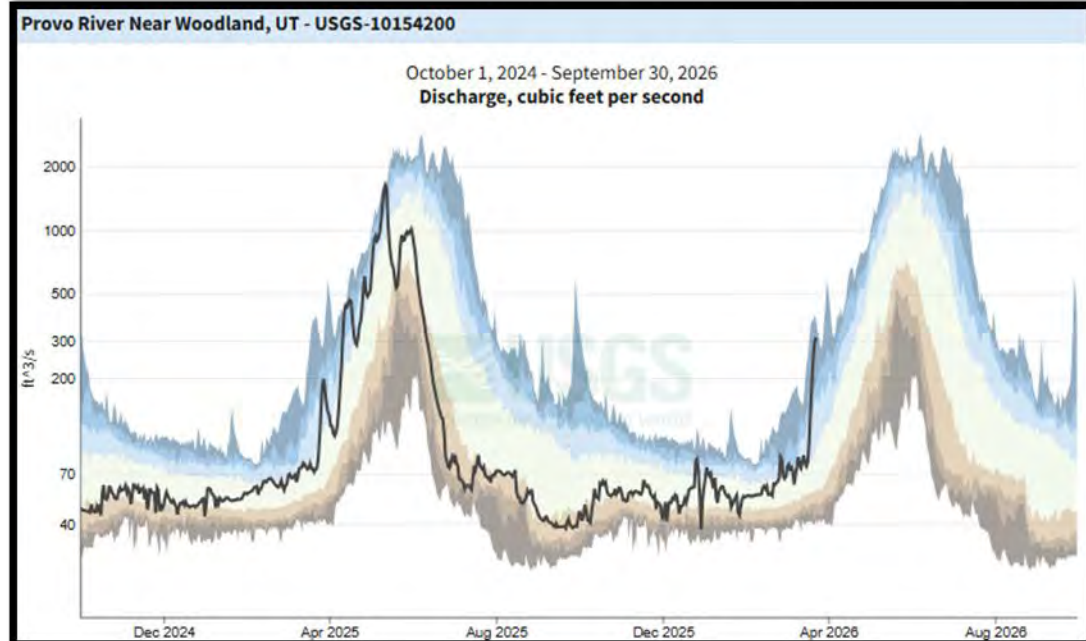
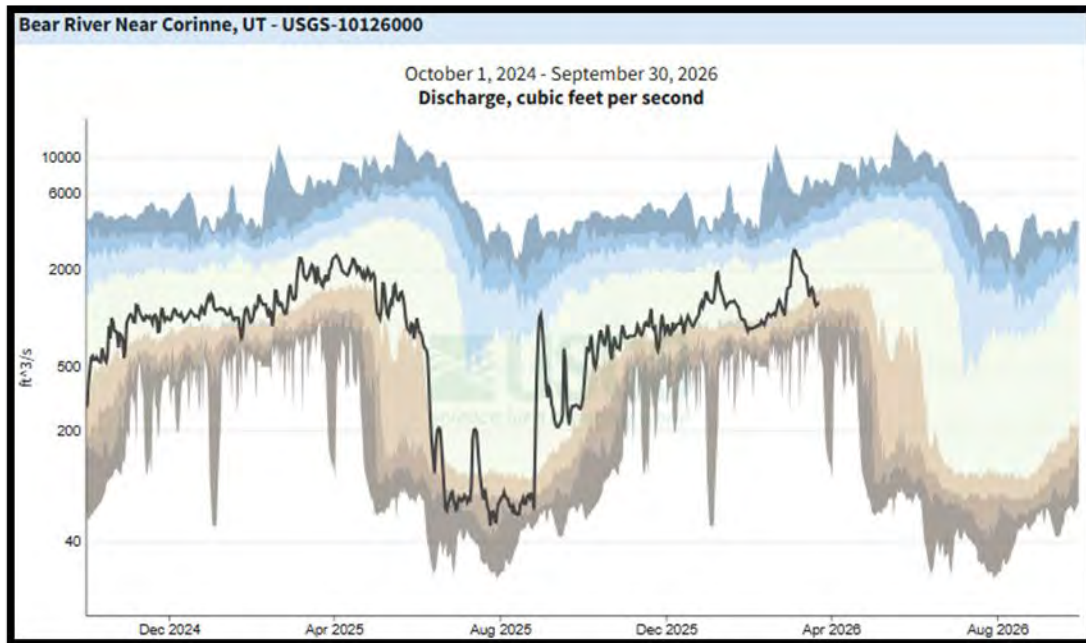
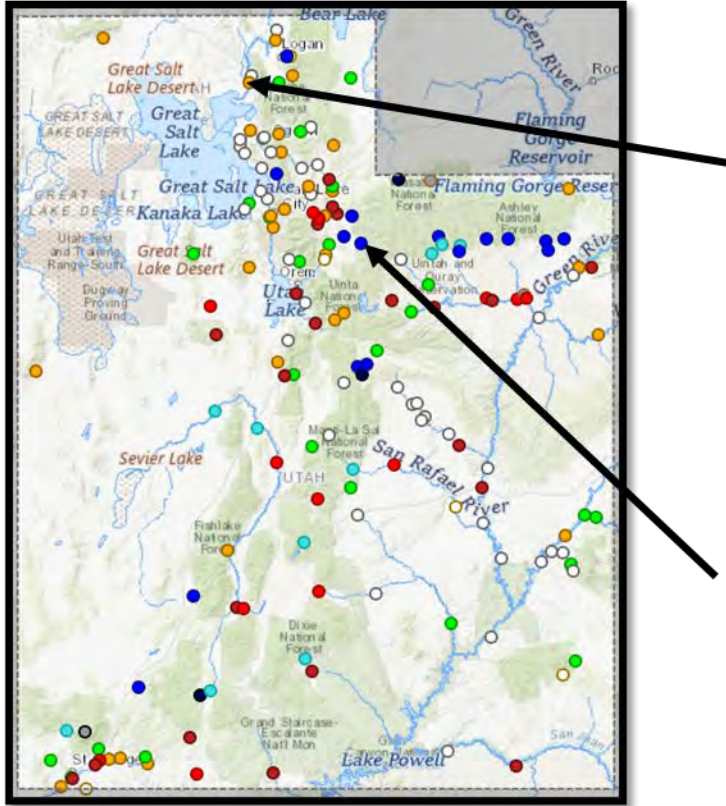
- Above flood stage
- All-time high for this day (100<sup>th</sup> percentile (maximum))
- Much above normal (>90<sup>th</sup> percentile)
- Above normal (76<sup>th</sup> - 90<sup>th</sup> percentile)
- Normal (25<sup>th</sup> - 75<sup>th</sup> percentile)
- Below normal (10<sup>th</sup> - 24<sup>th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

Provisional data, subject to revision

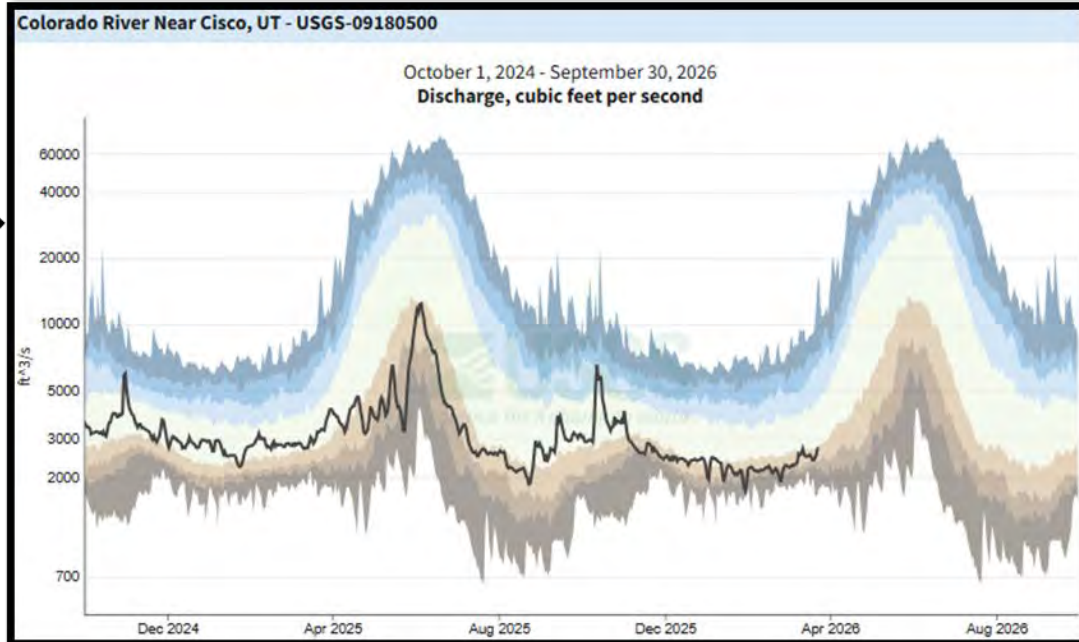
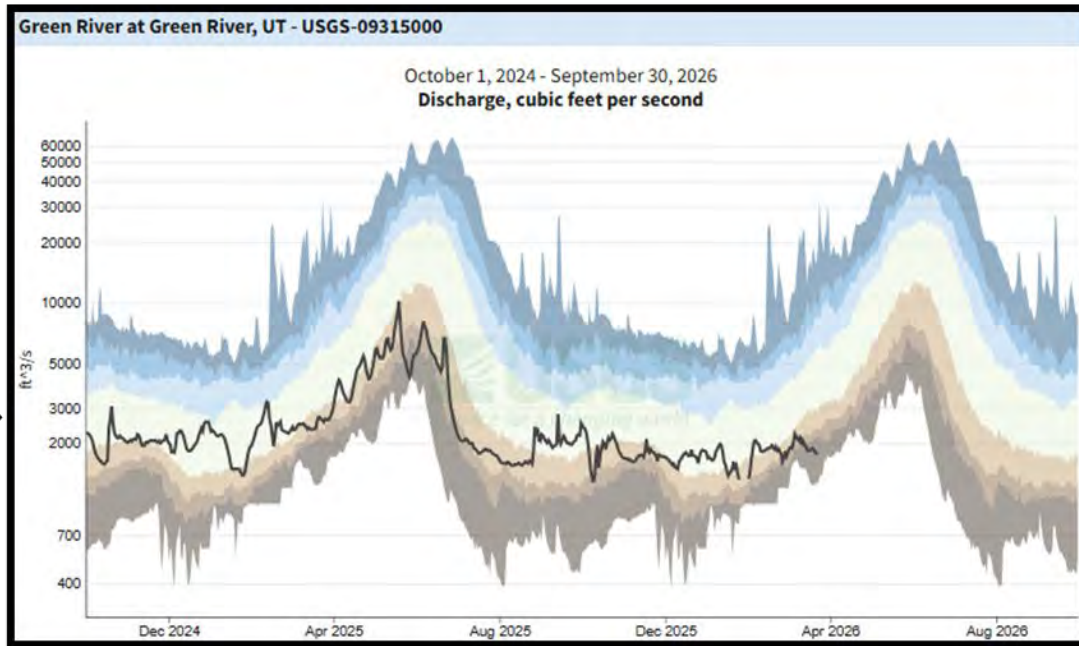
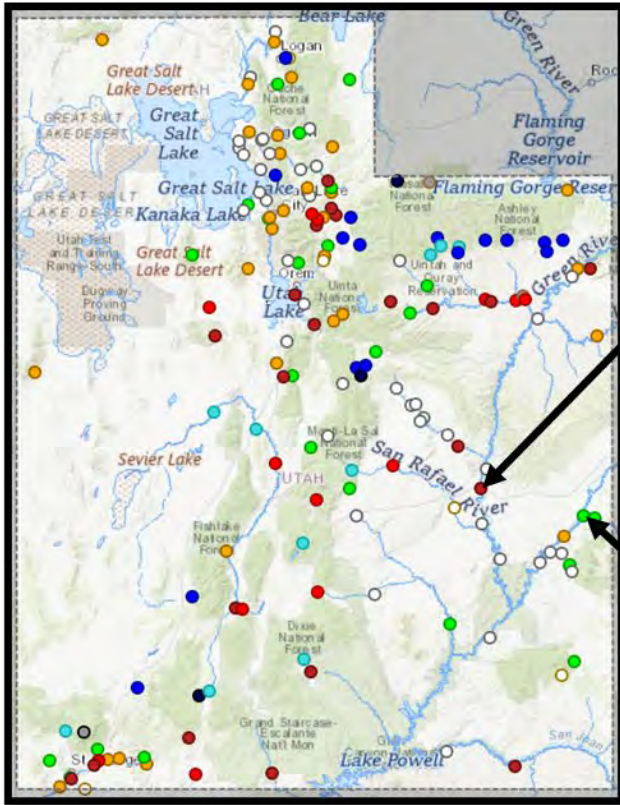
**\*Sites must have at least 20 years of streamflow record to be ranked.**



# Streamflow at Selected Gages



# Streamflow at Selected Gages

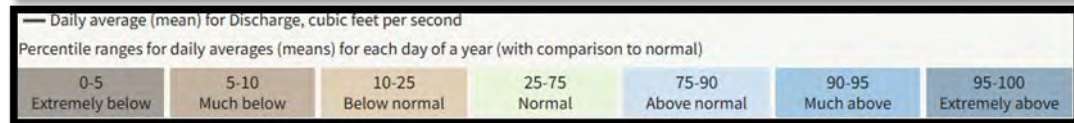
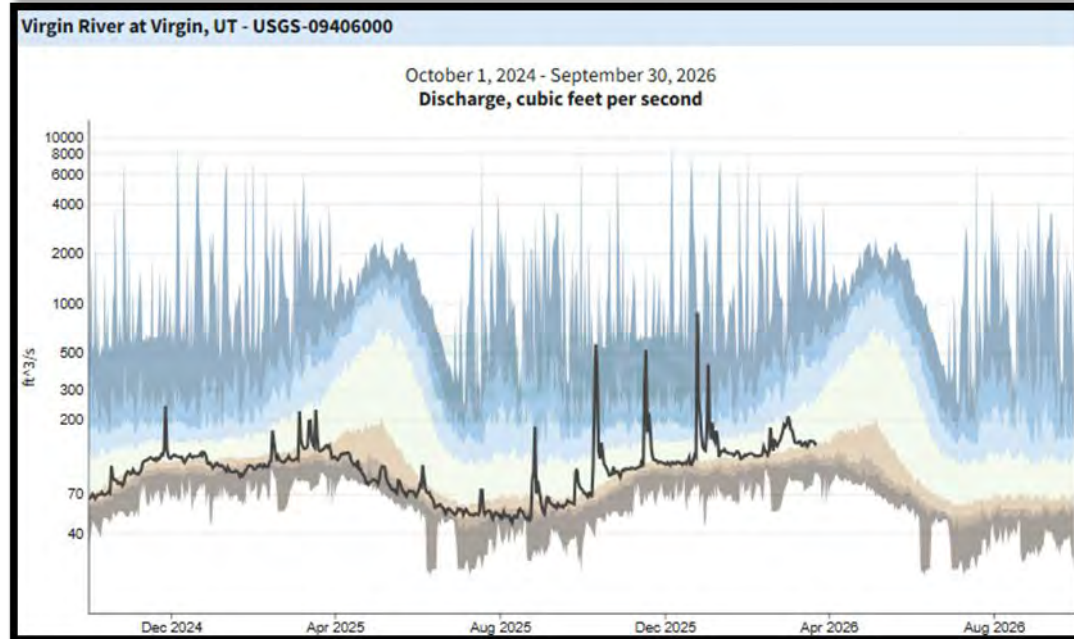
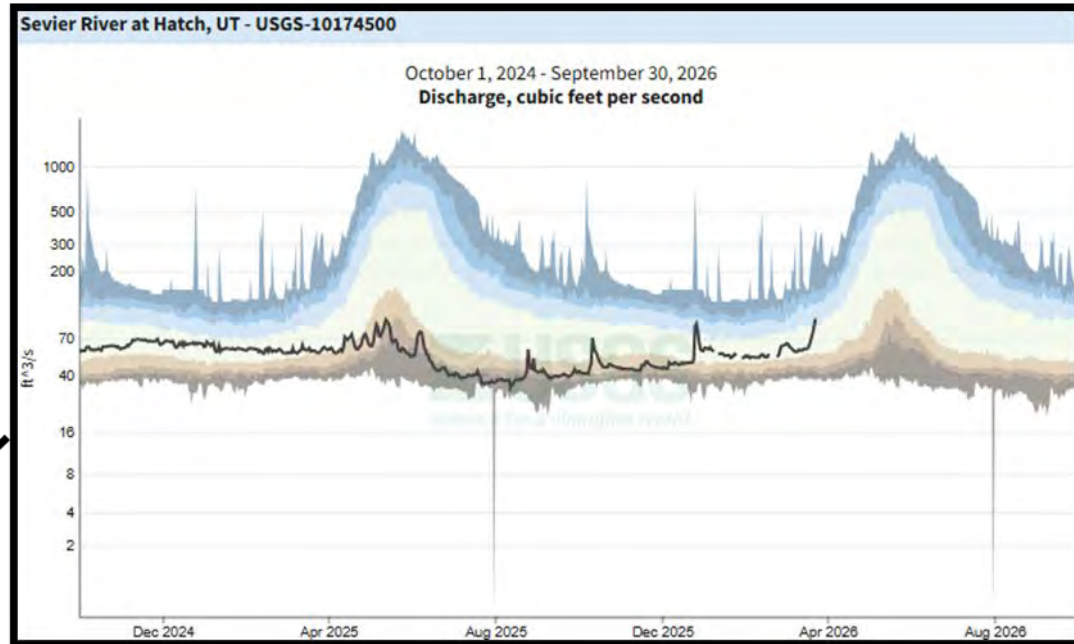
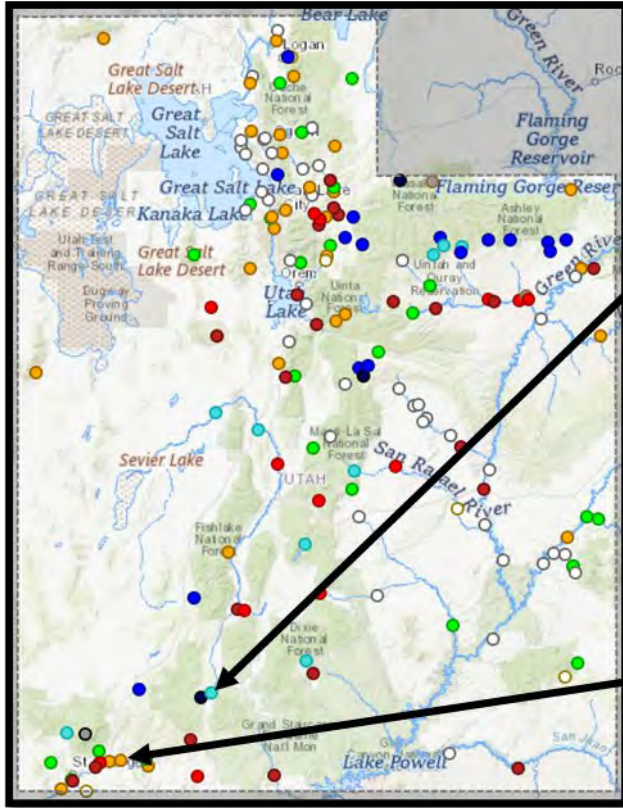


— Daily average (mean) for Discharge, cubic feet per second

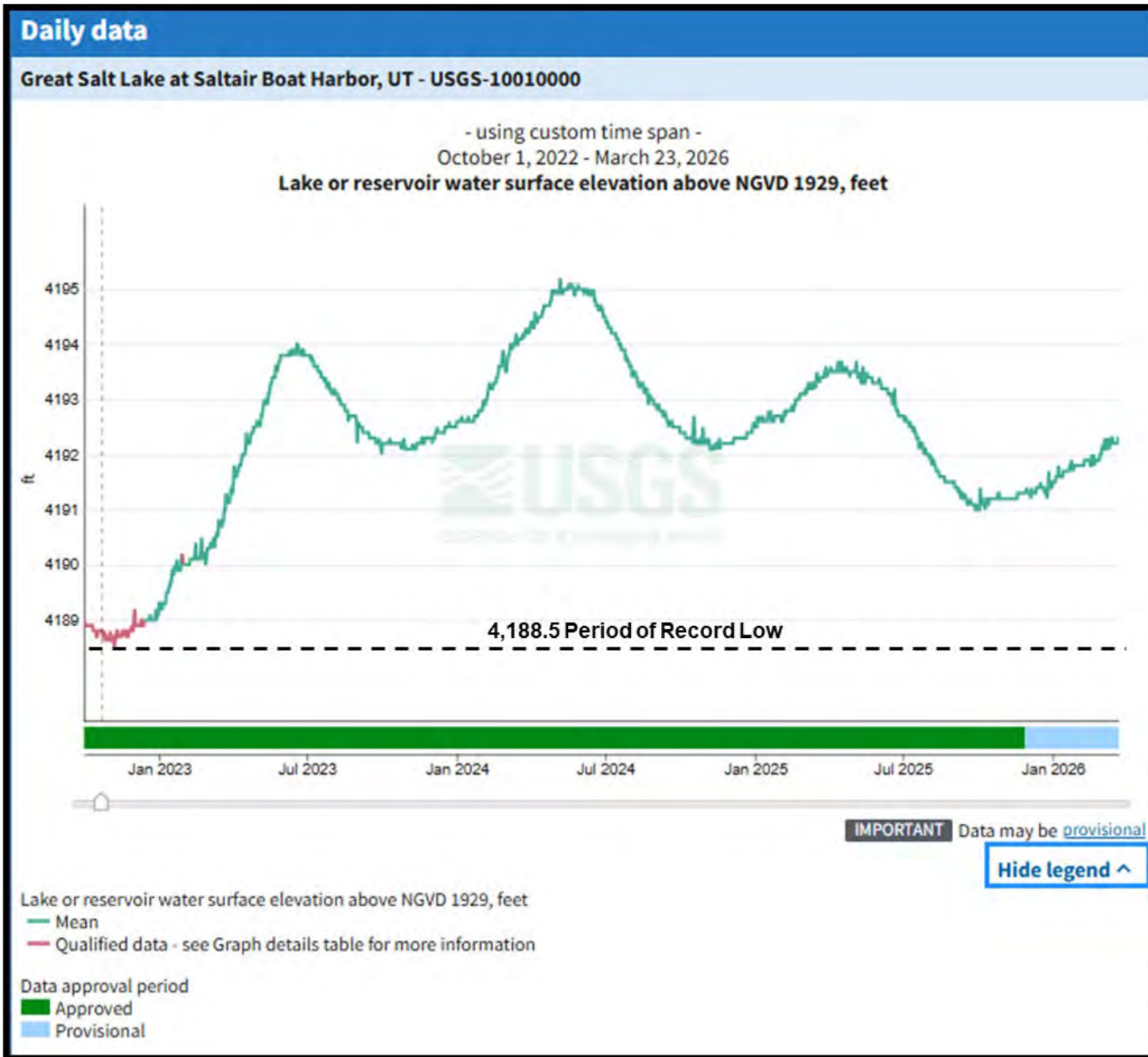
Percentile ranges for daily averages (means) for each day of a year (with comparison to normal)

0-5	5-10	10-25	25-75	75-90	90-95	95-100
Extremely below	Much below	Below normal	Normal	Above normal	Much above	Extremely above

# Streamflow at Selected Gages



# Great Salt Lake Water Surface Elevations



## Daily Values 03/23/2026

❑ **South Arm  
(Saltair gage):  
4,192.3'**

**Up 1.3' since  
seasonal low**

❑ **North Arm  
(Saline gage):  
4,191.4'**

**Up 0.7' since  
seasonal low**

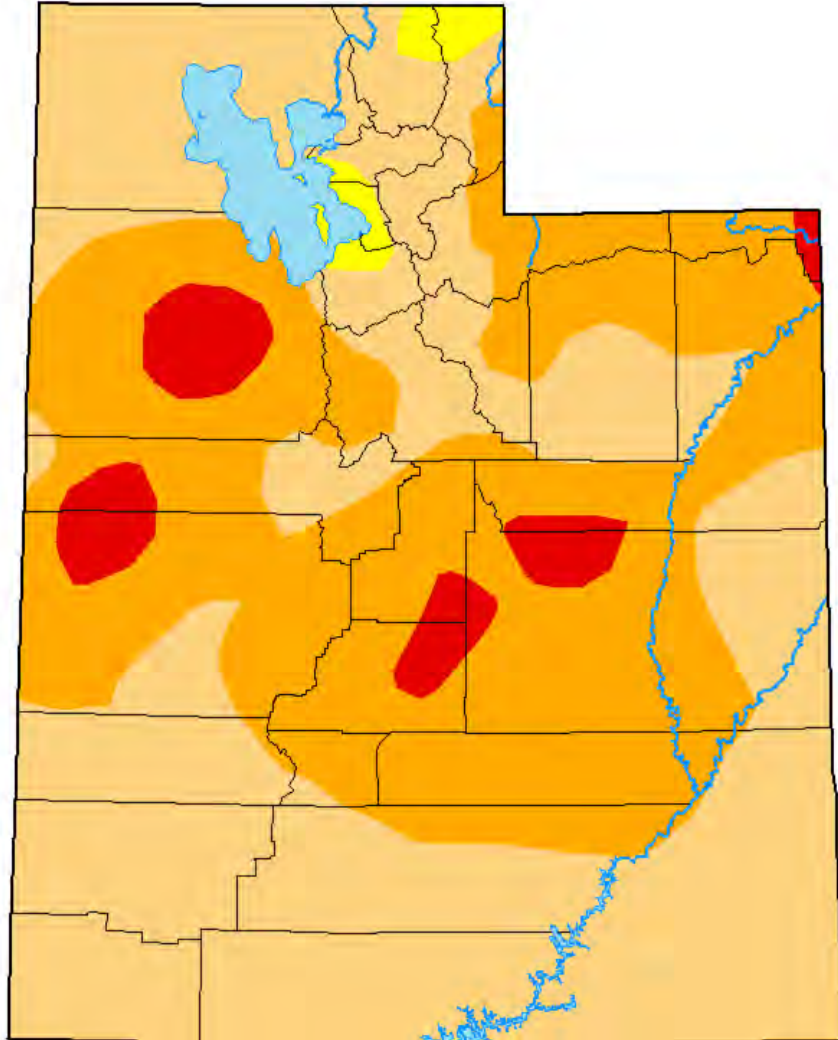
Agency - USGS Utah WSC  
Presenter - Ryan

# U.S. Drought Monitor Map - Utah




**March 17, 2026**

(Released March 19 2026)

Valid 7 a.m. EST



***Intensity:***

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

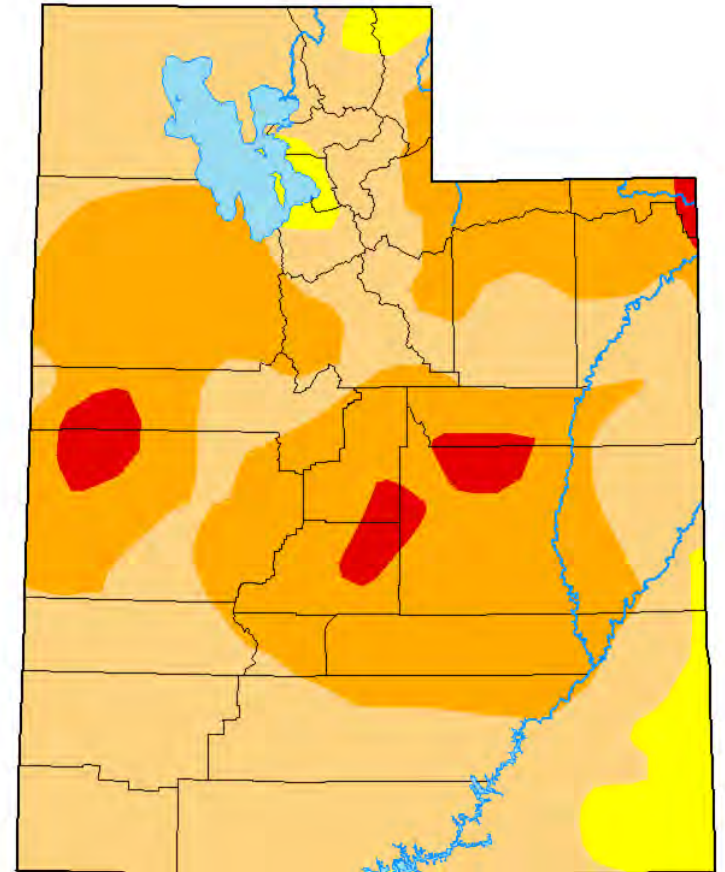
*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>*

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[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)