



# Utah Water Conditions (drought webinar)

The meeting will begin shortly



Thank you to our contributors

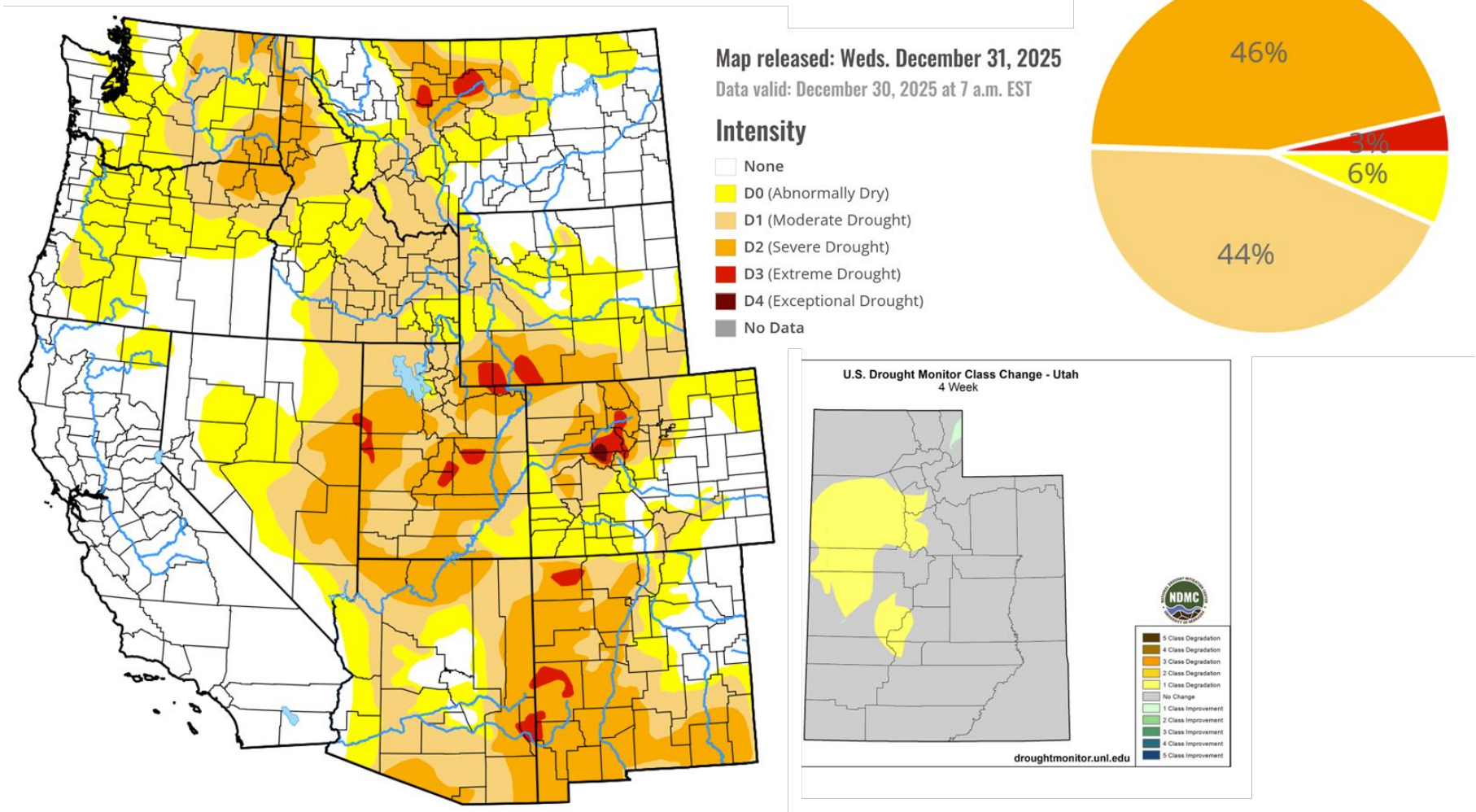




# **Utah Water Conditions Update**

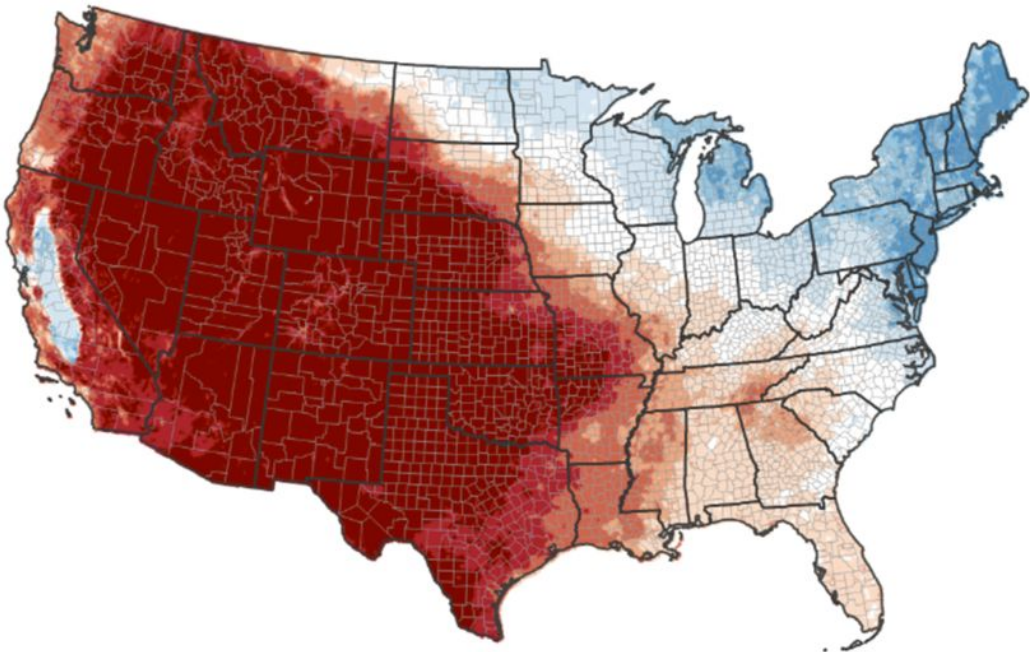
**January 6, 2026**

# Current Drought Conditions

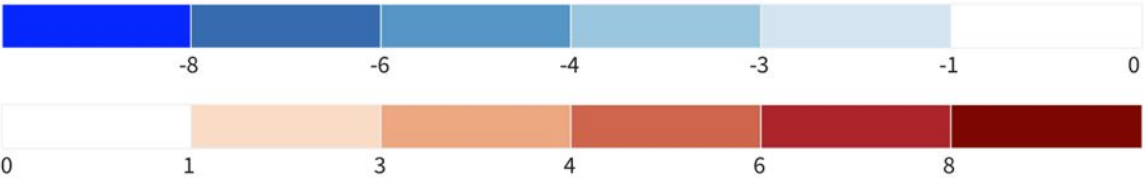


# December Temperature Summary

30-Day Departure from Normal Maximum Temperature (°F)



Departure from Normal Max Temperature (°F)



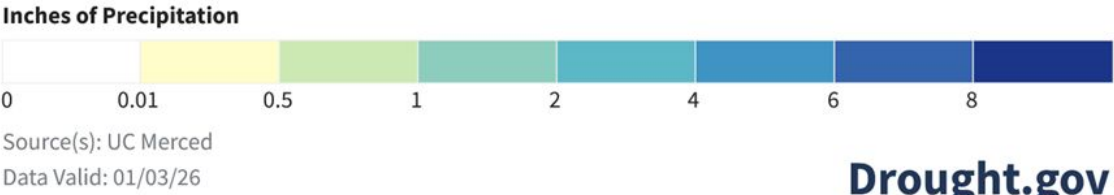
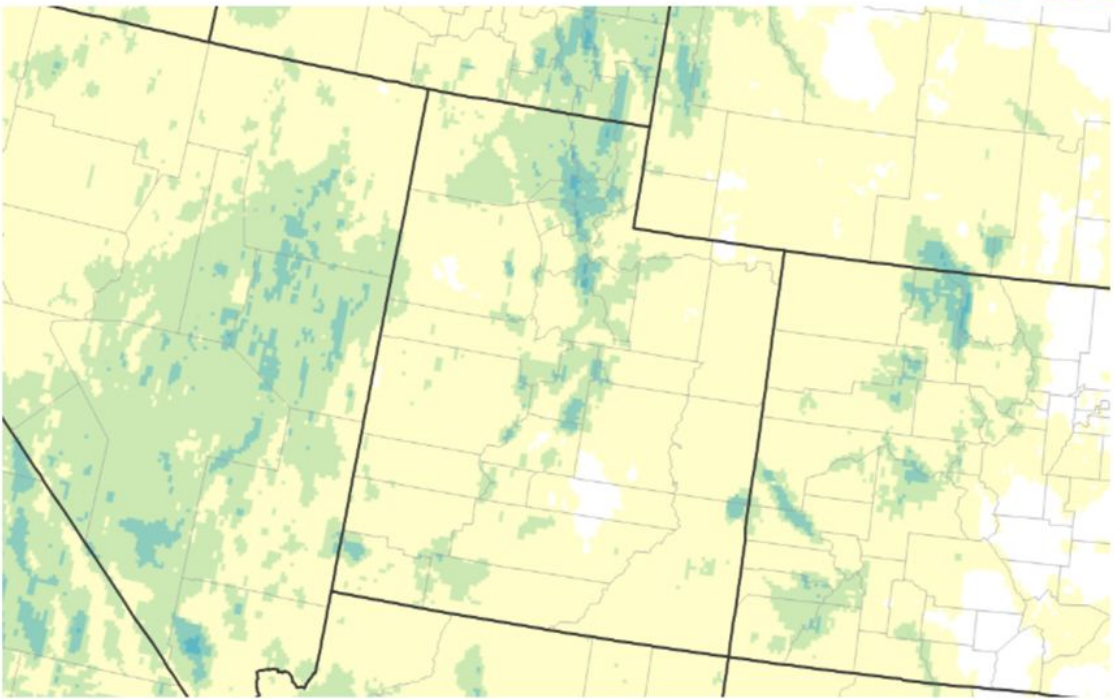
Source(s): UC Merced  
Data Valid: 01/02/26

Drought.gov



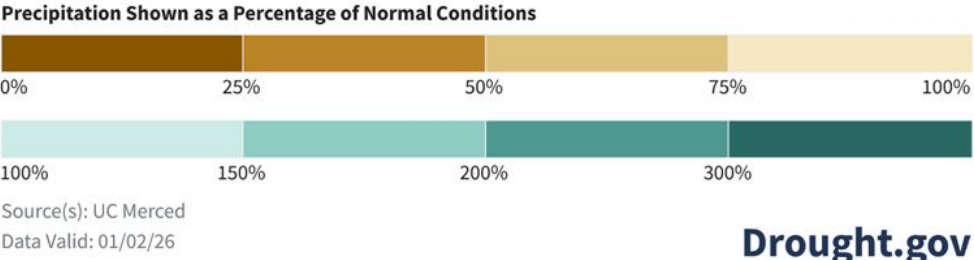
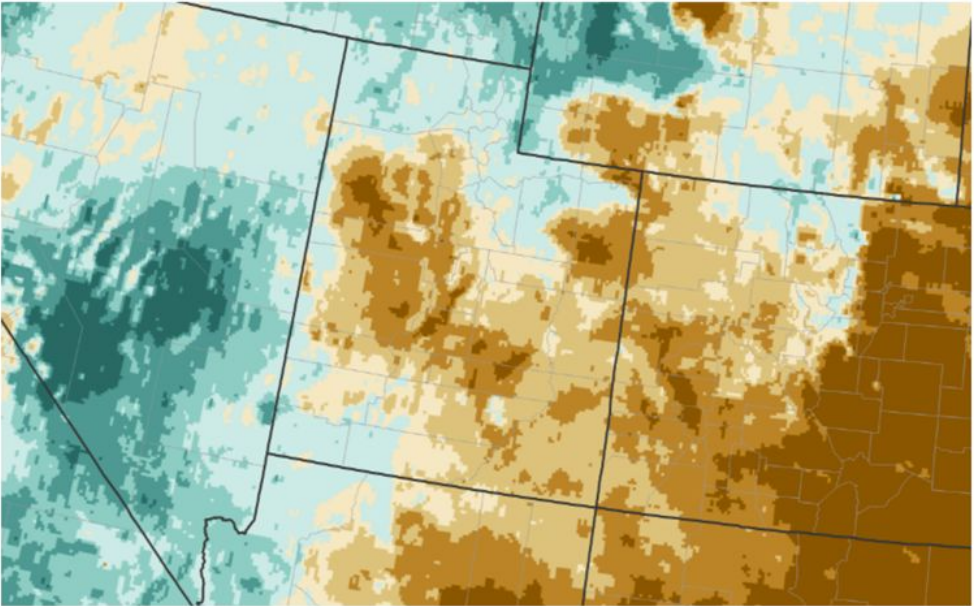
# Precipitation Summary

7-Day Total Precipitation (Inches)



Drought.gov

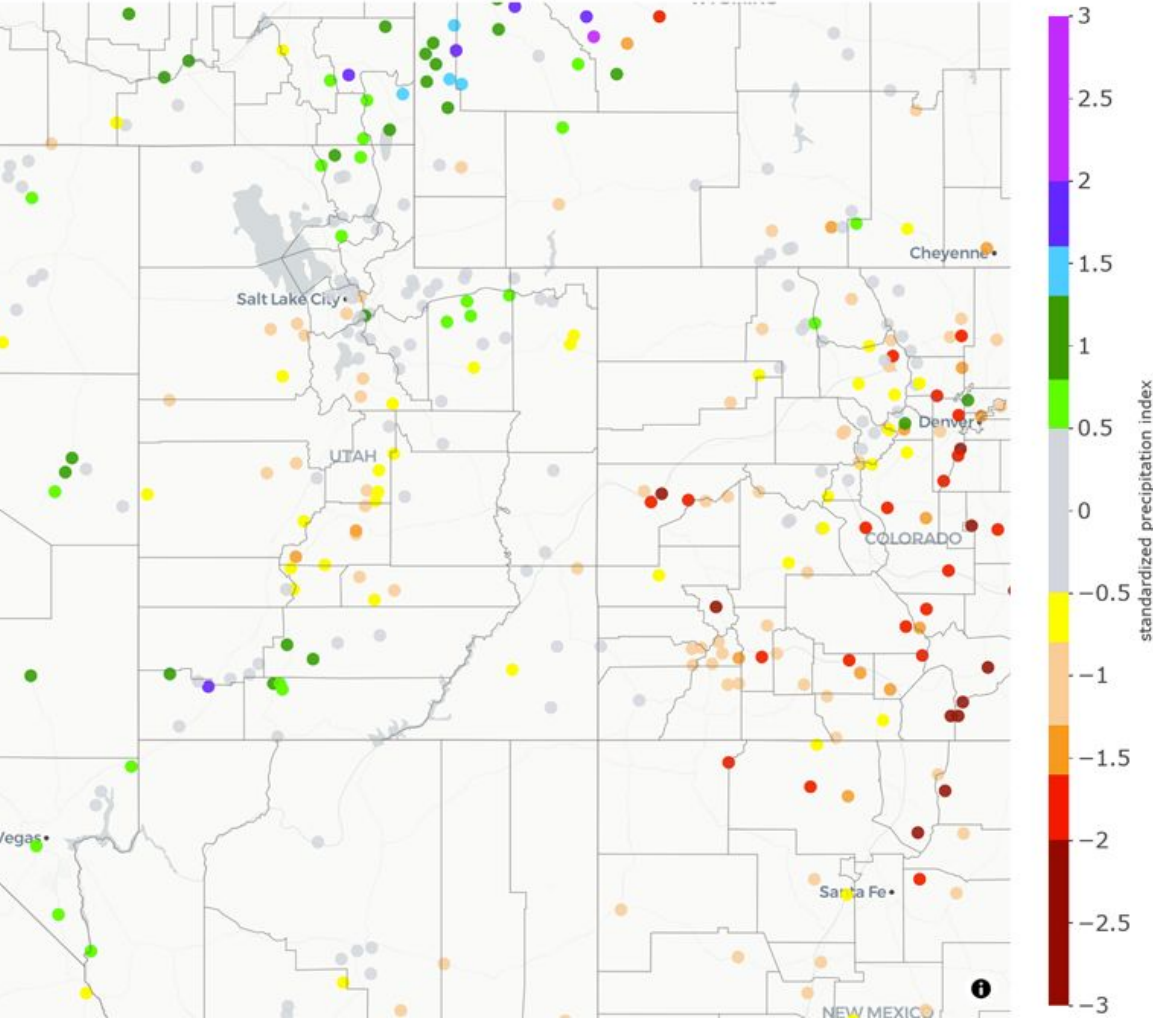
30-Day Percent of Normal Precipitation



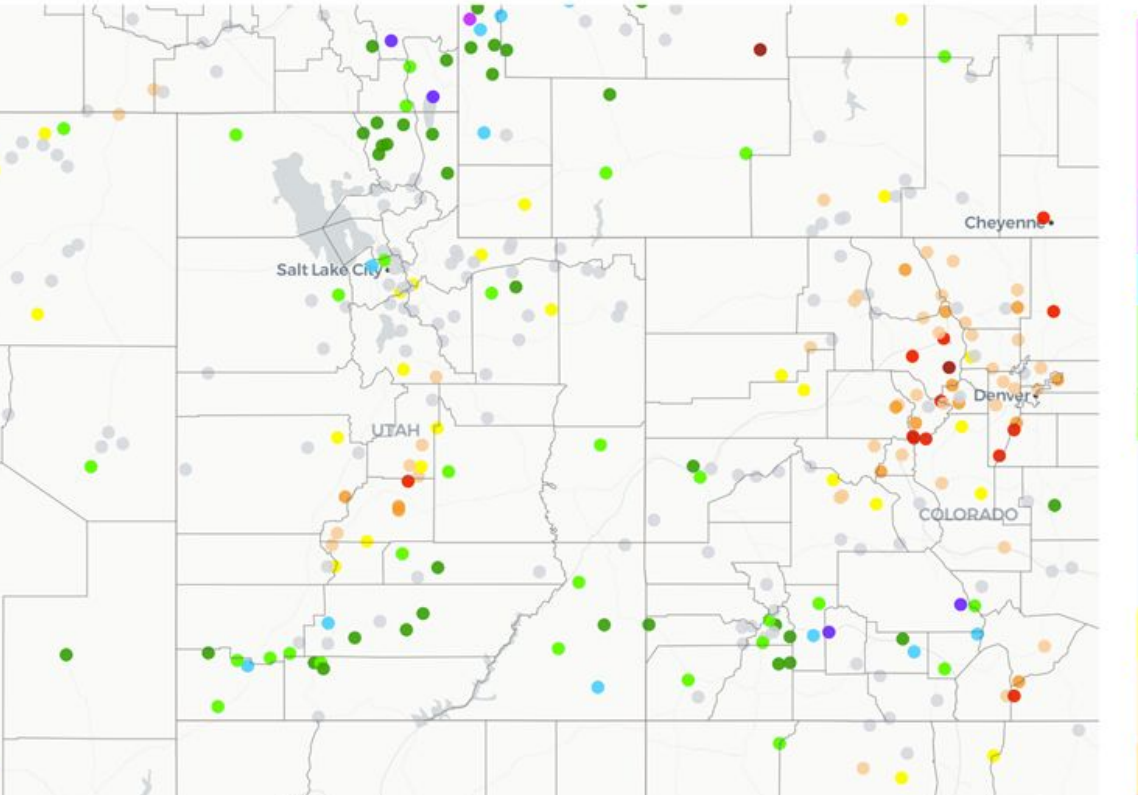
Drought.gov

# Standardized Precipitation Index (SPI)

30-day Standardized Precipitation Index: 2025/12/06 - 2026/01/04



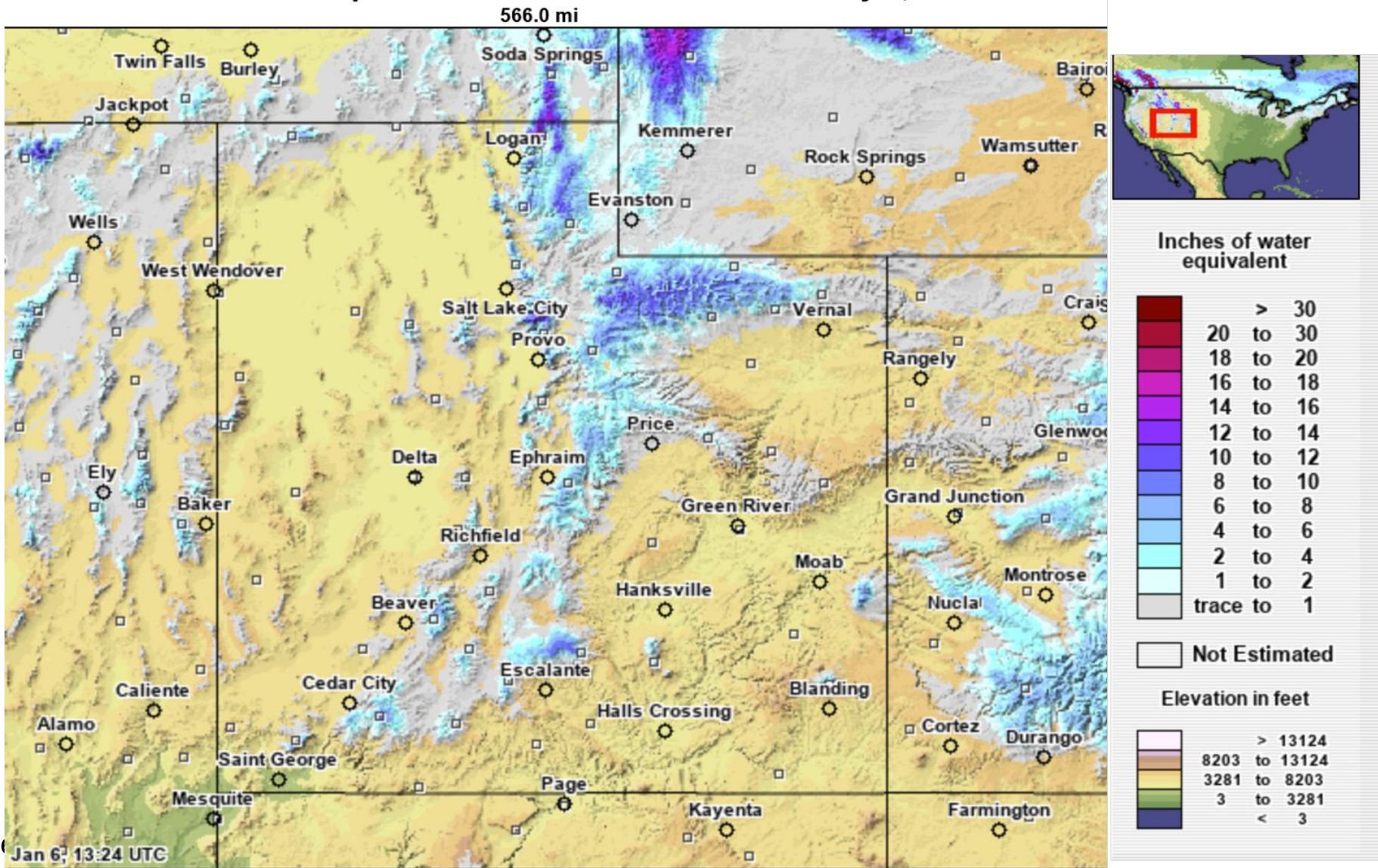
Water-year-to-date Standardized Precipitation Index: 2025/10/01 - 2026/01/04





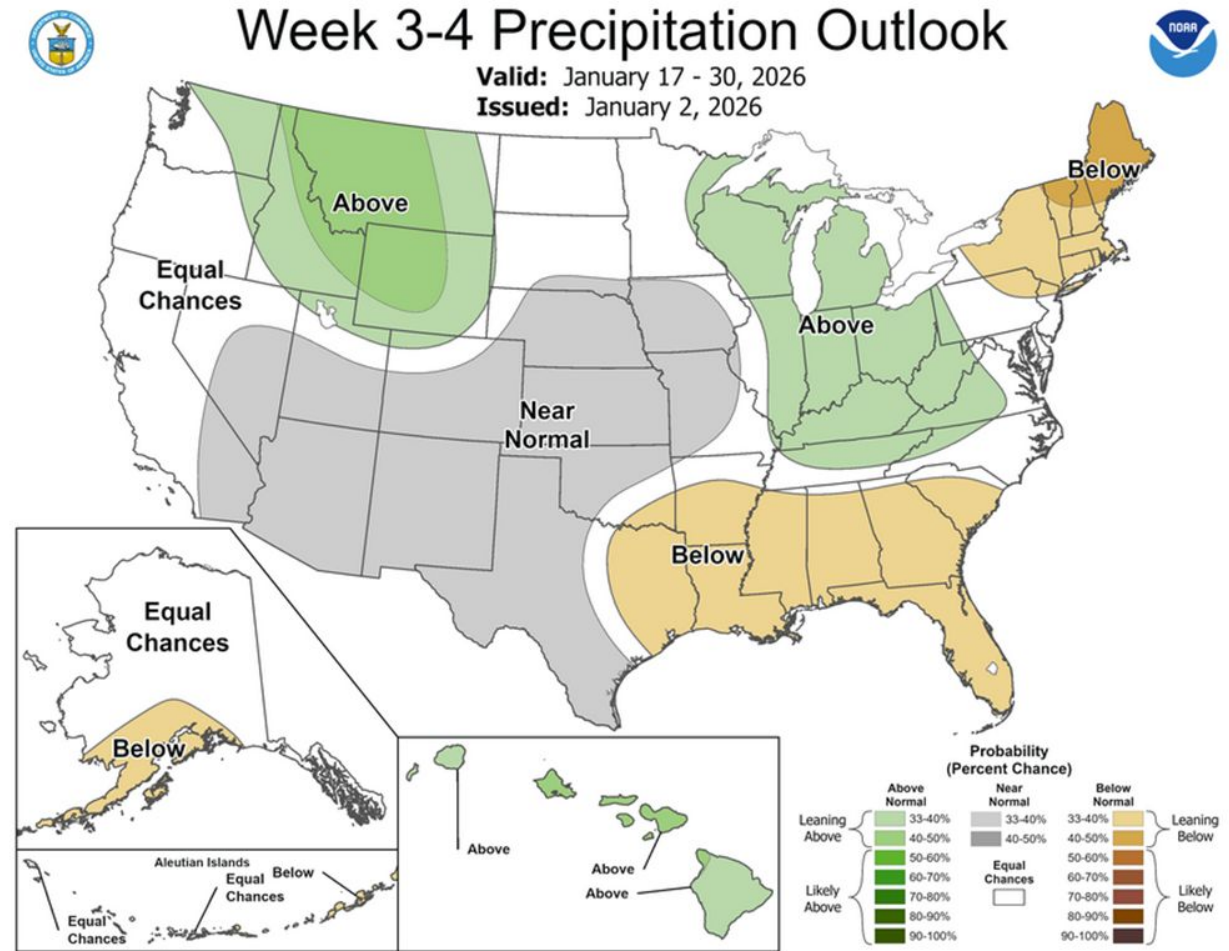
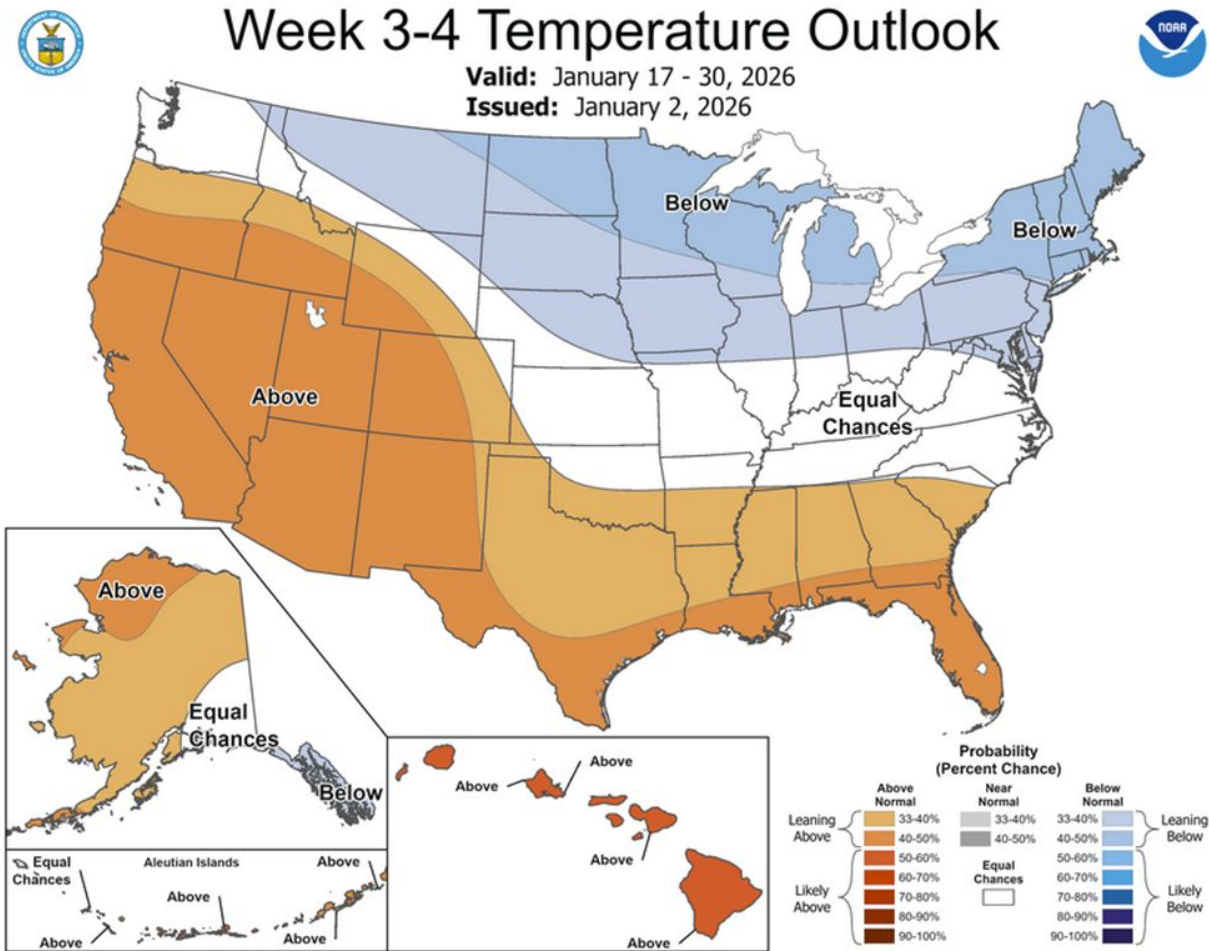
# Precipitation 7 day history (Percent of Average)

Modeled Snow Water Equivalent forecasted for 2026 January 6, 17:00 UTC





# Climate Prediction Center Outlook





# Jan-March Weather Pattern Outlook

C3S multi-system seasonal forecast

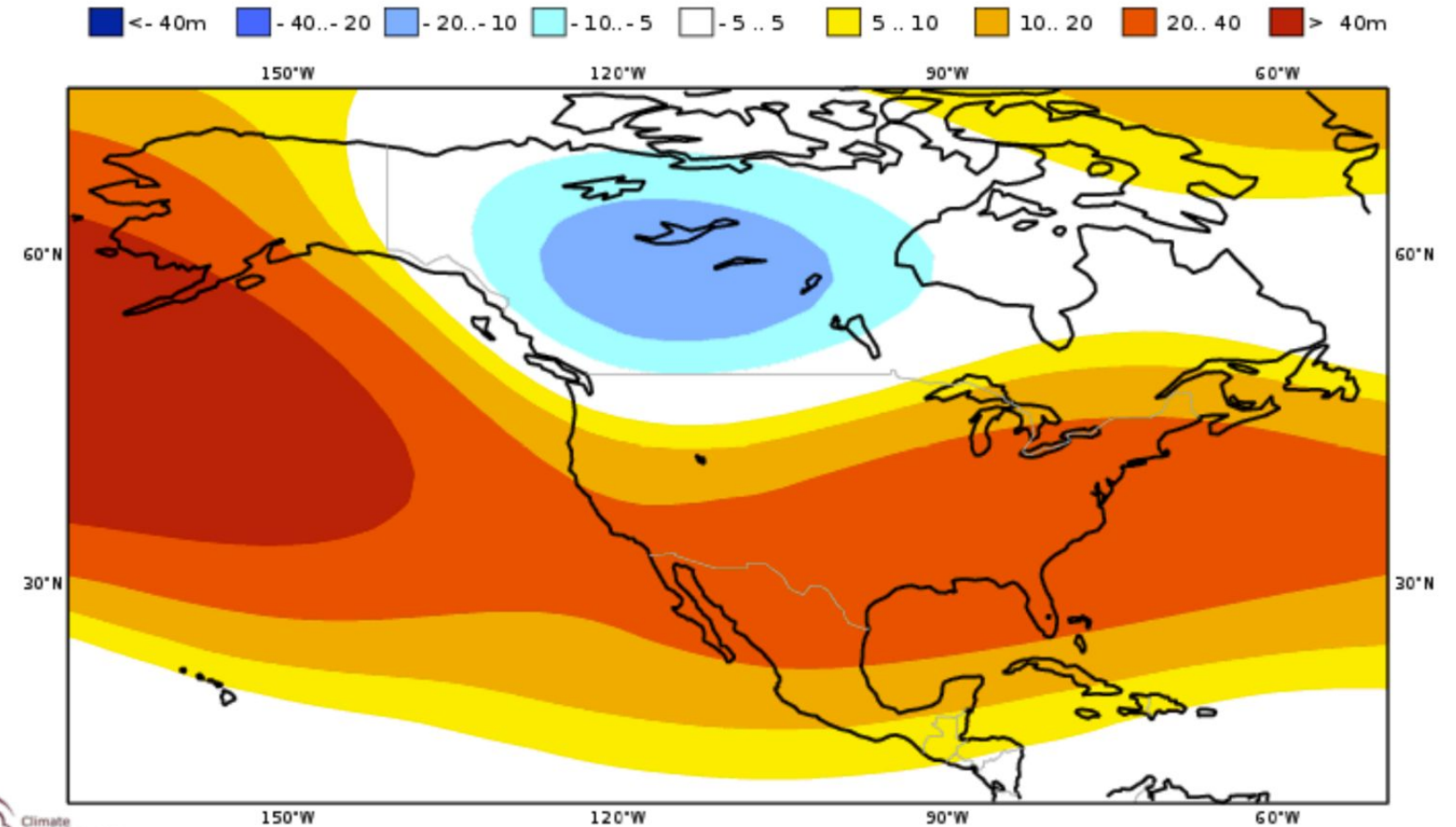
ECMWF/Met Office/Météo-France/CMCC/DWD/NCEP/JMA/ECCC

Mean Z500 anomaly

JFM 2026

Nominal forecast start: 01/12/25

Variance-standardized mean

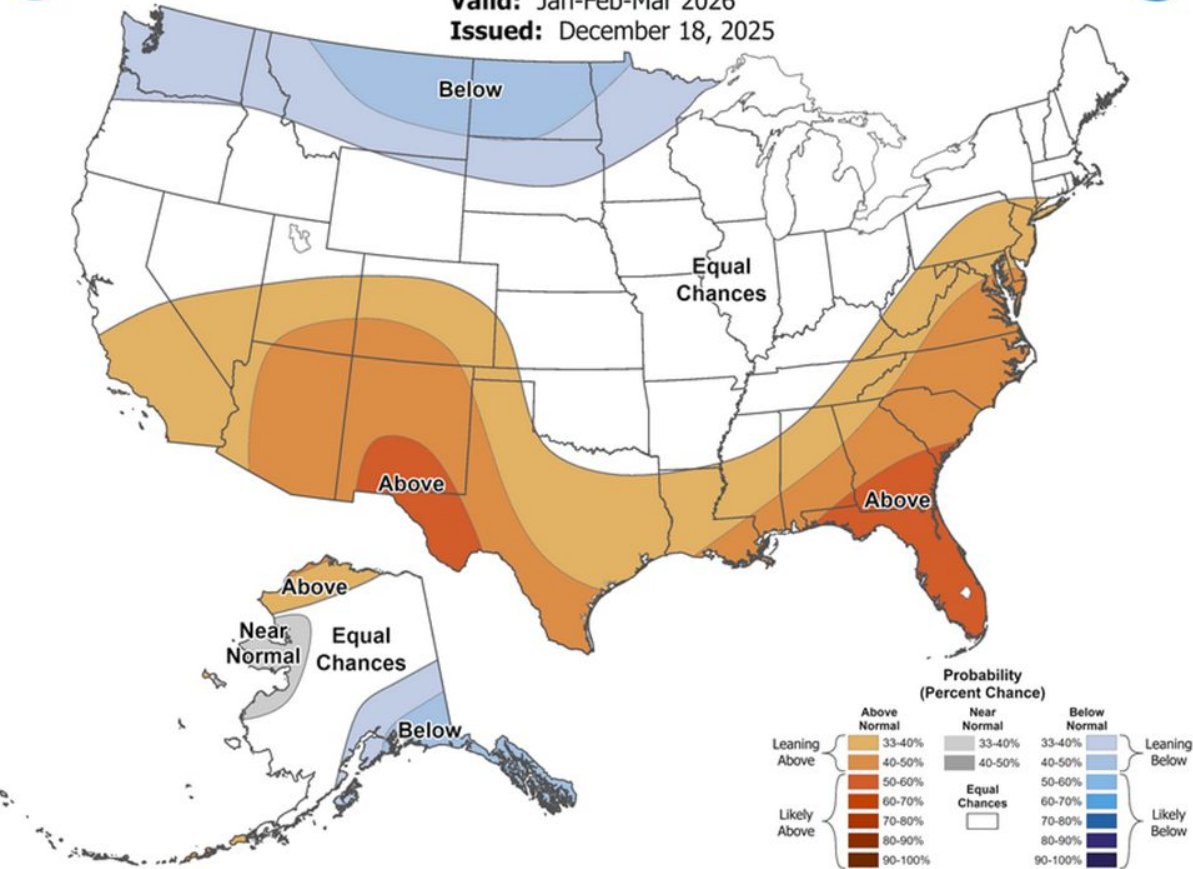


# Climate Prediction Center Outlook



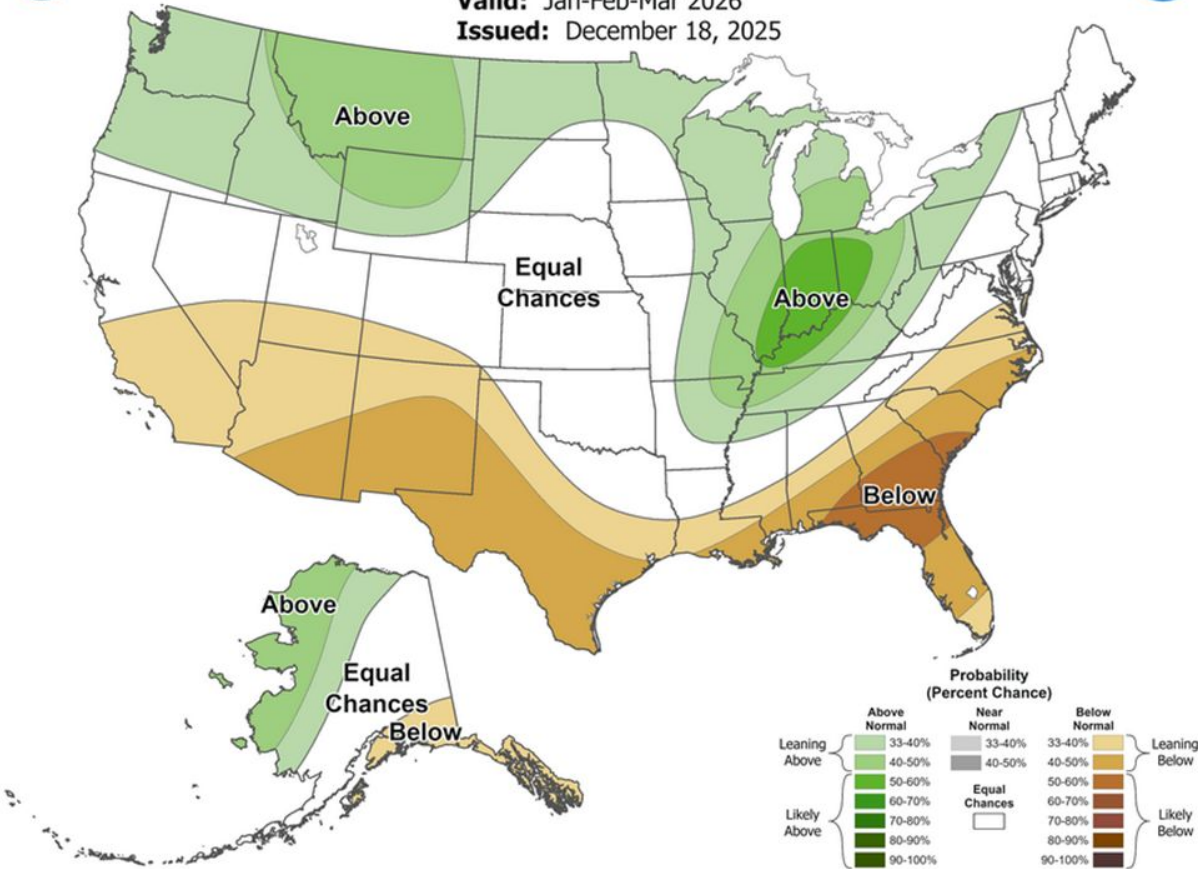
## Seasonal Temperature Outlook

Valid: Jan-Feb-Mar 2026  
Issued: December 18, 2025



## Seasonal Precipitation Outlook

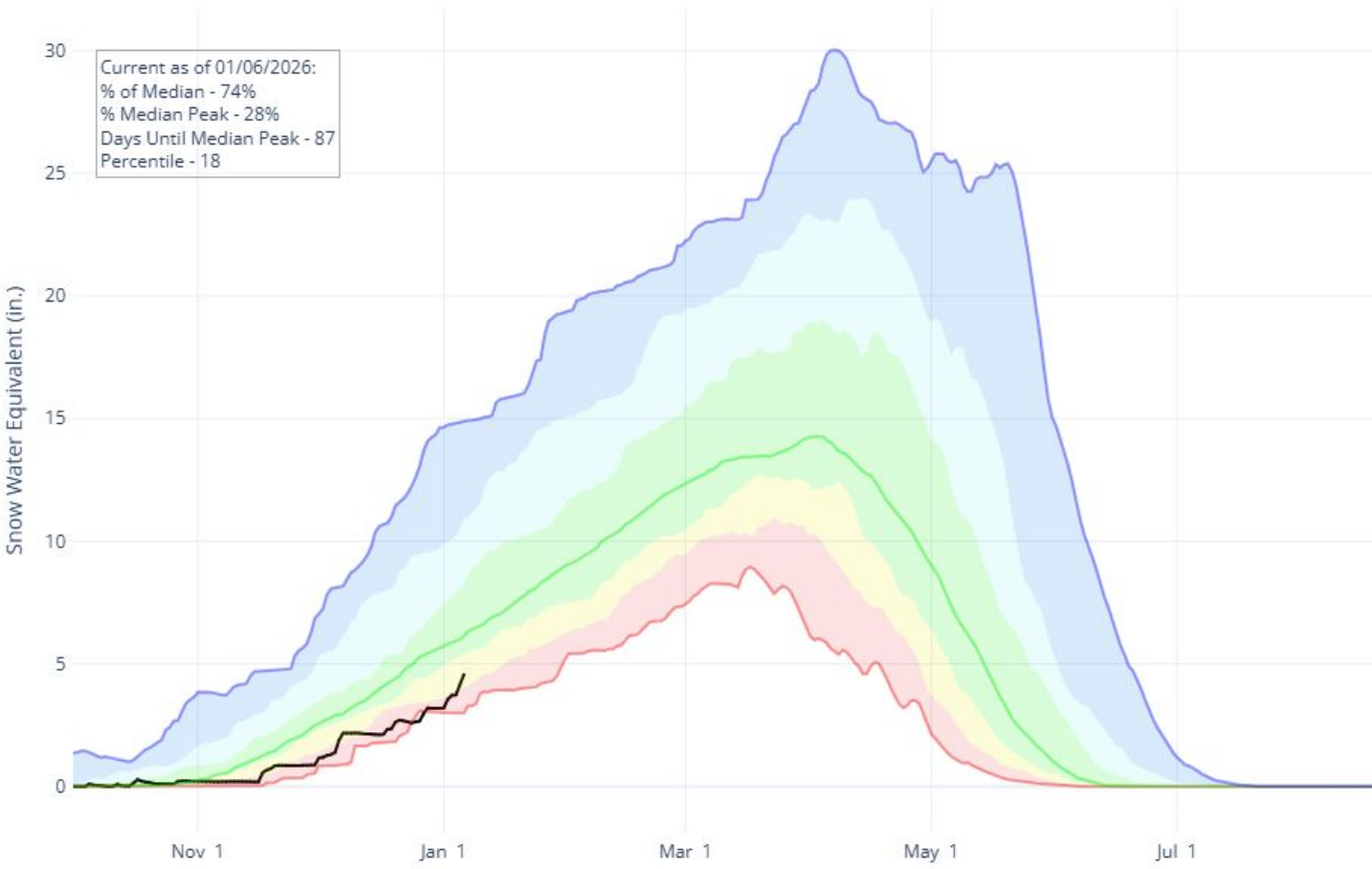
Valid: Jan-Feb-Mar 2026  
Issued: December 18, 2025



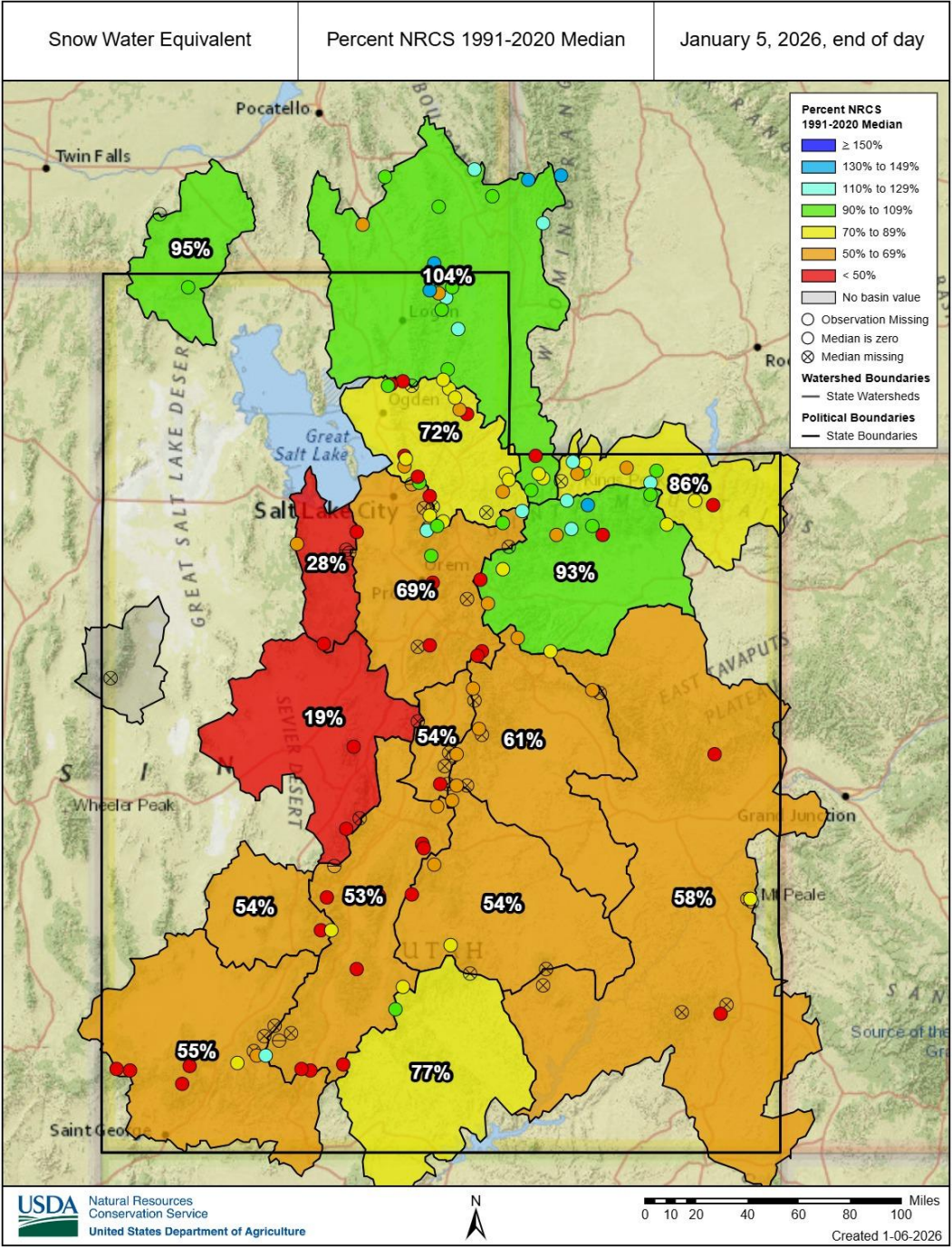


# Snowpack

SNOW WATER EQUIVALENT IN STATE OF UTAH



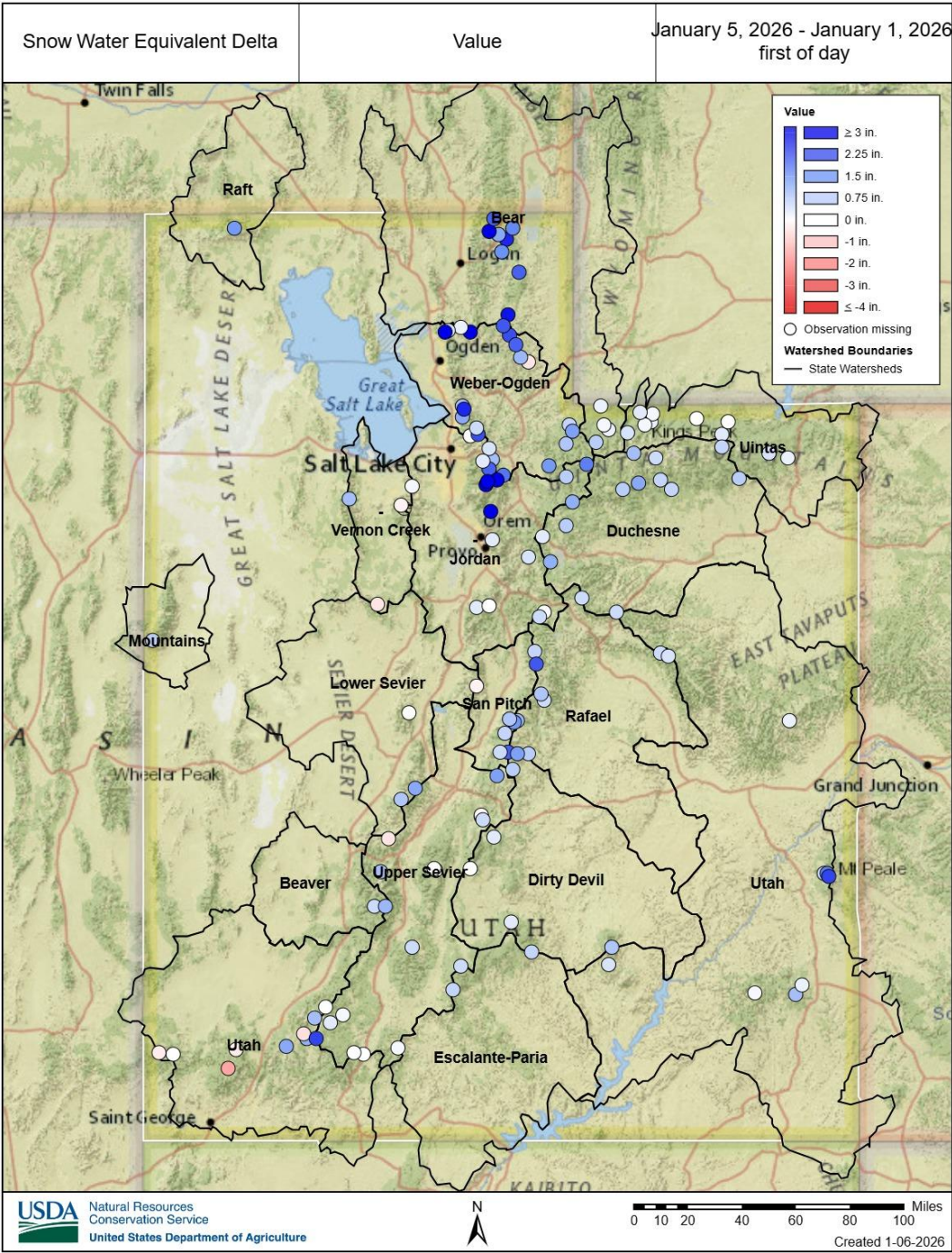
Agency - NRCS Snow Survey  
Presenter - Jordan Clayton





# Snowpack - SWE increases over last 4 days

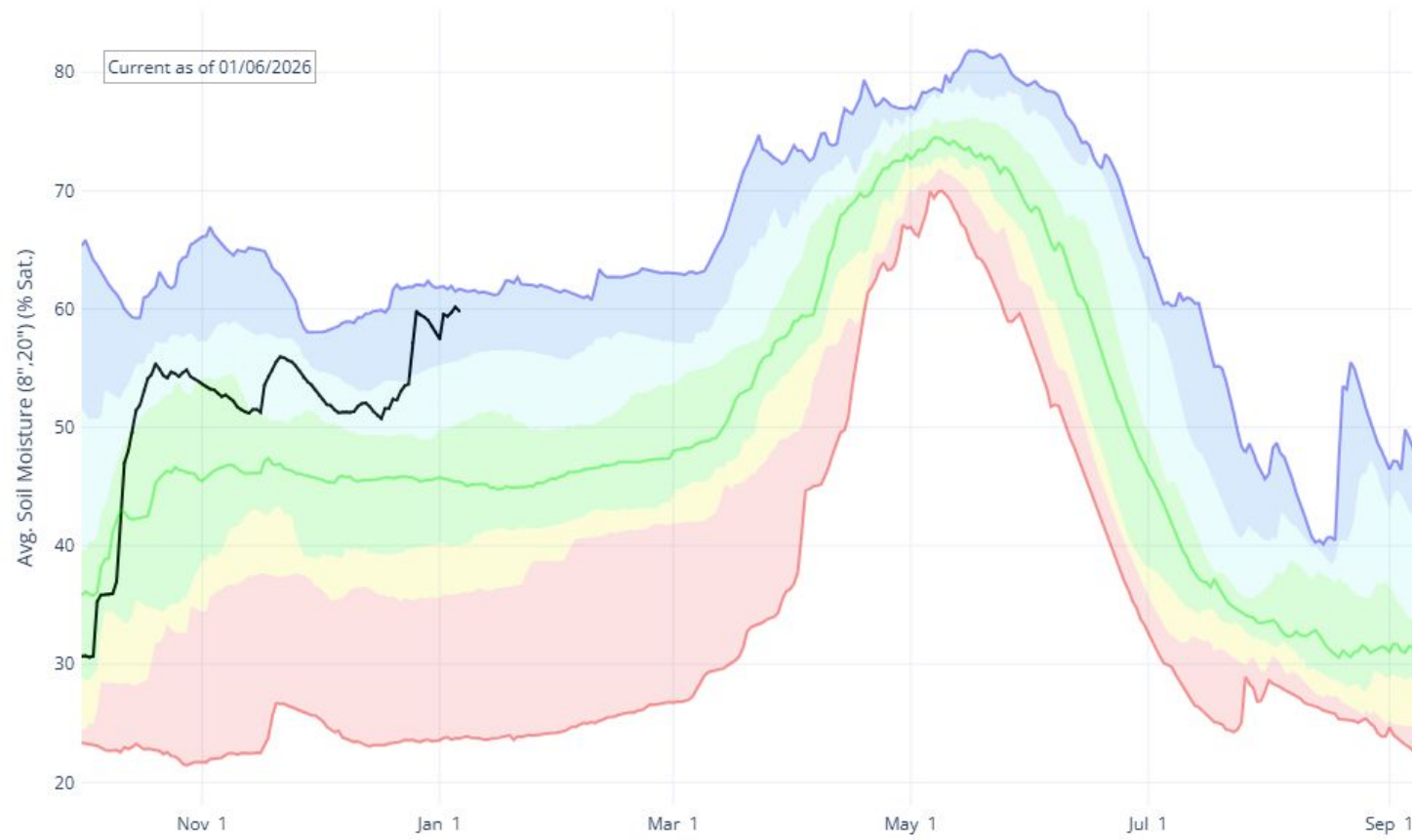
Agency - NRCS Snow Survey  
Presenter - Jordan Clayton



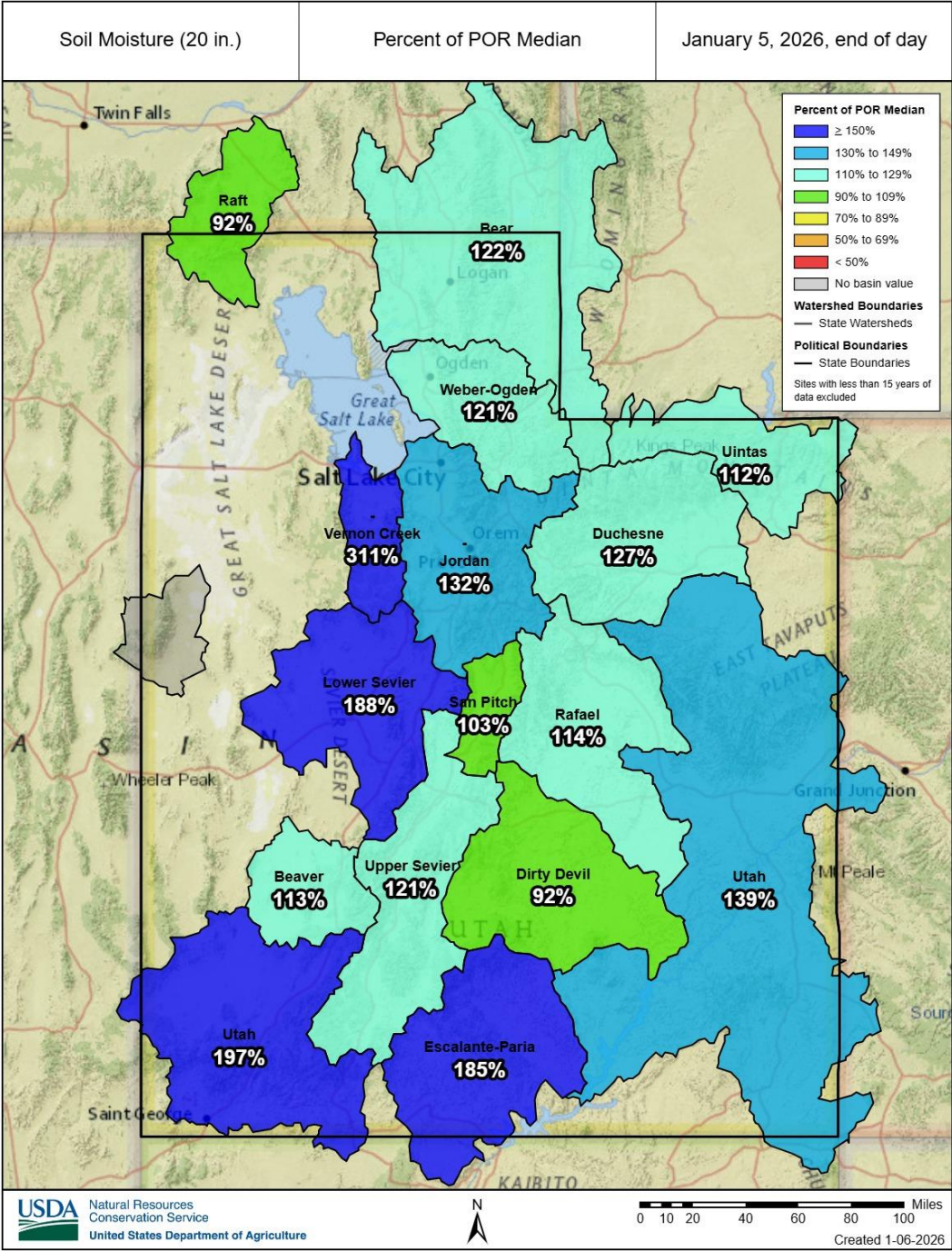


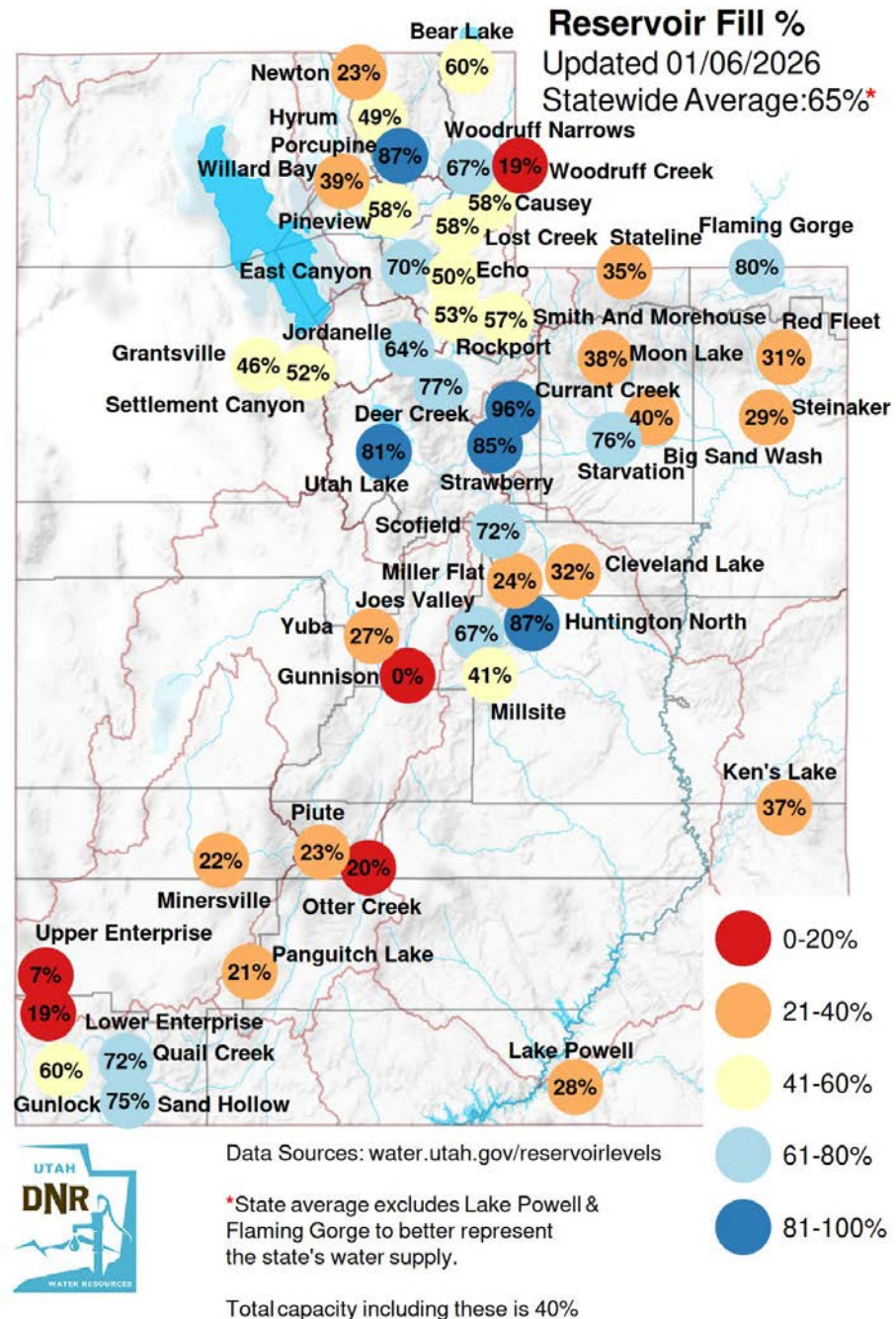
# Soil Moisture

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



Agency - NRCS Snow Survey  
Presenter - Jordan Clayton



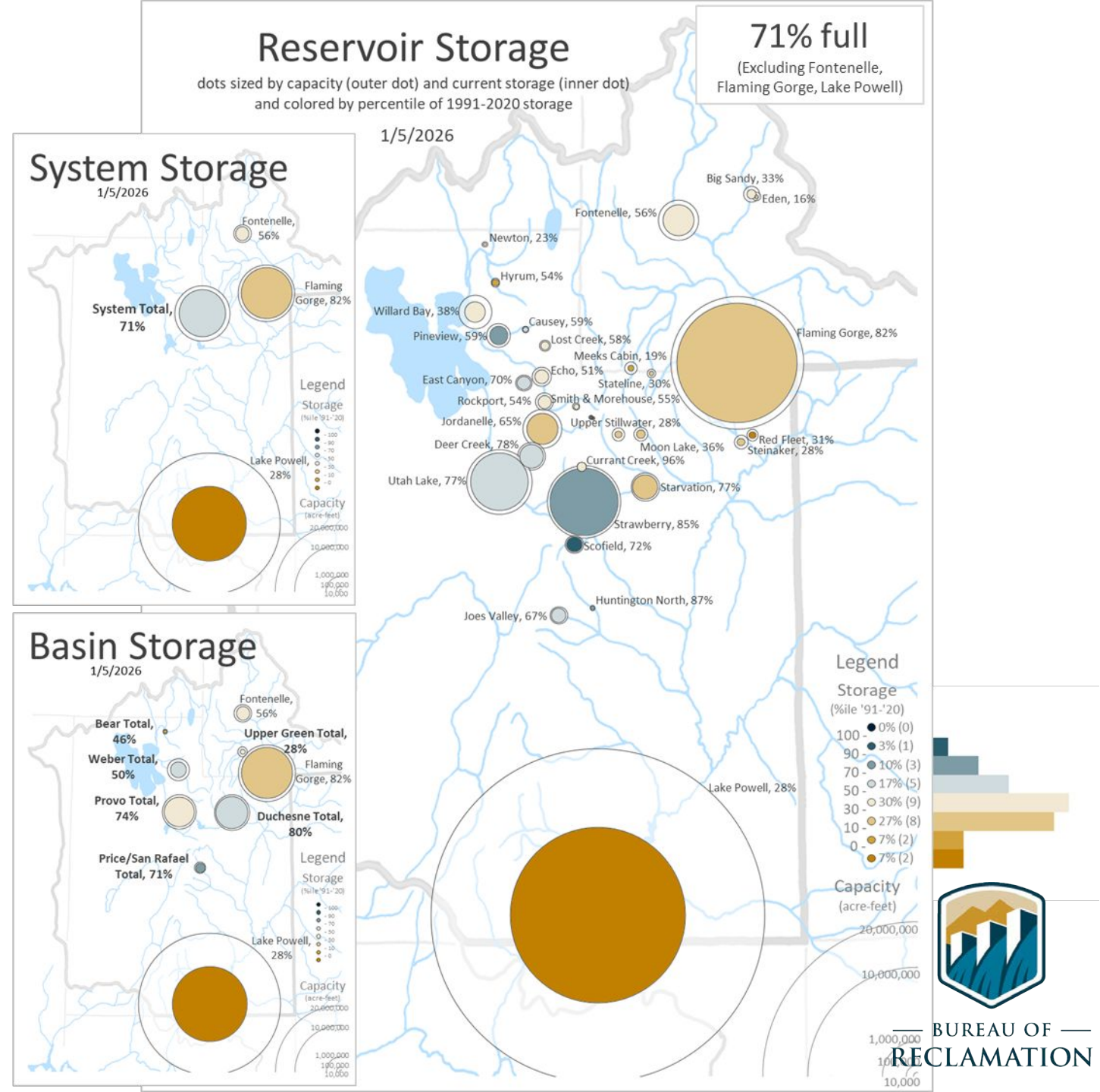




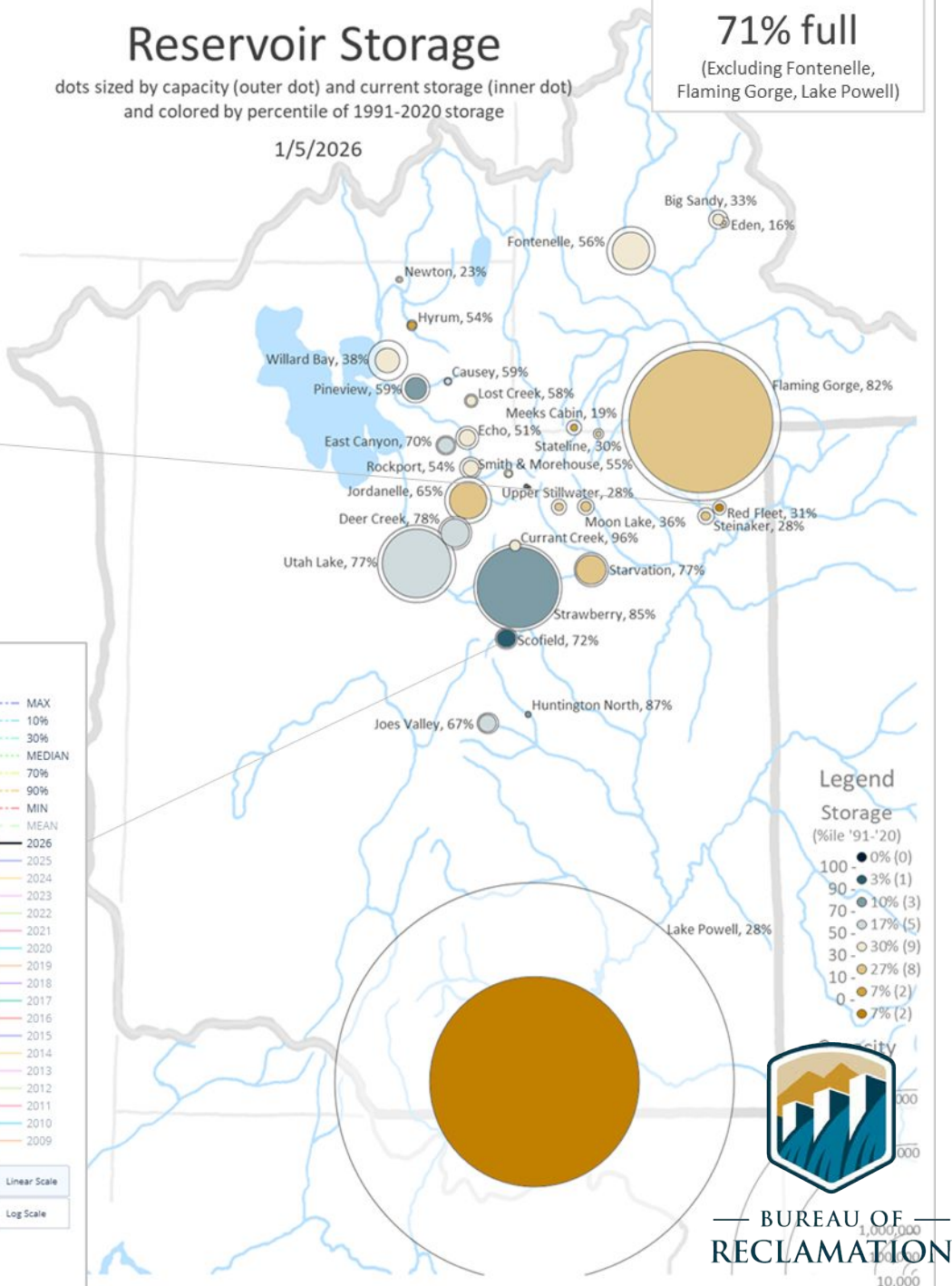
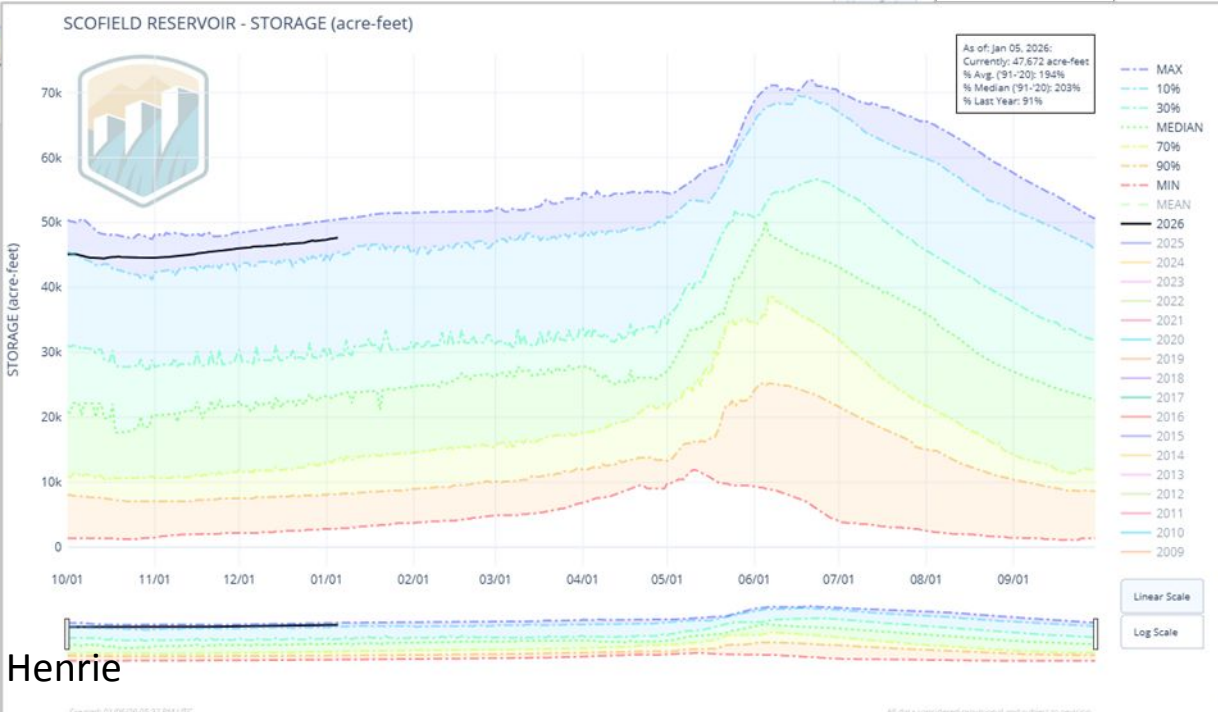
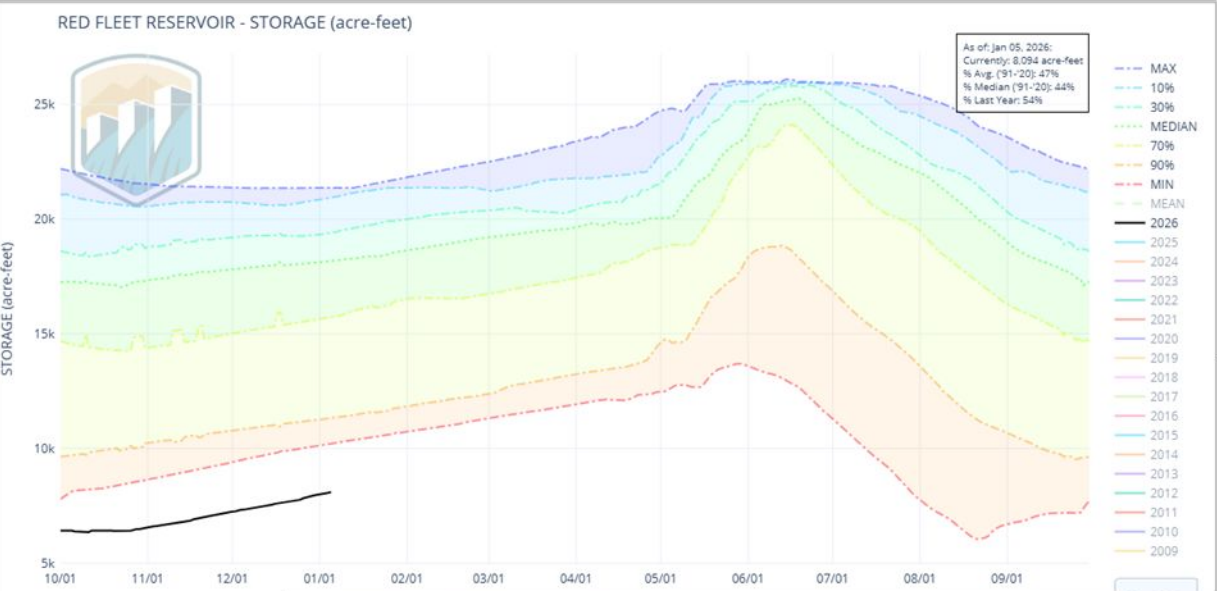
# Reservoir Levels

- **Overall reservoir storage is at 71% full**  
(Excluding Powell, Flaming Gorge, Fontenelle)
  - ~1.9% higher than last month (69%)
  - ~12% lower than last year (~83%)
  - ~2% higher than the 22-year average (~70%)
- **Reservoirs range from 16-85% full**
  - 9/30 are above the 30-year median
  - centered ~30-50<sup>th</sup> percentile
- **Outlook**
  - storage slowly increasing

Agency - BOR  
Presenter - Gary Henrie



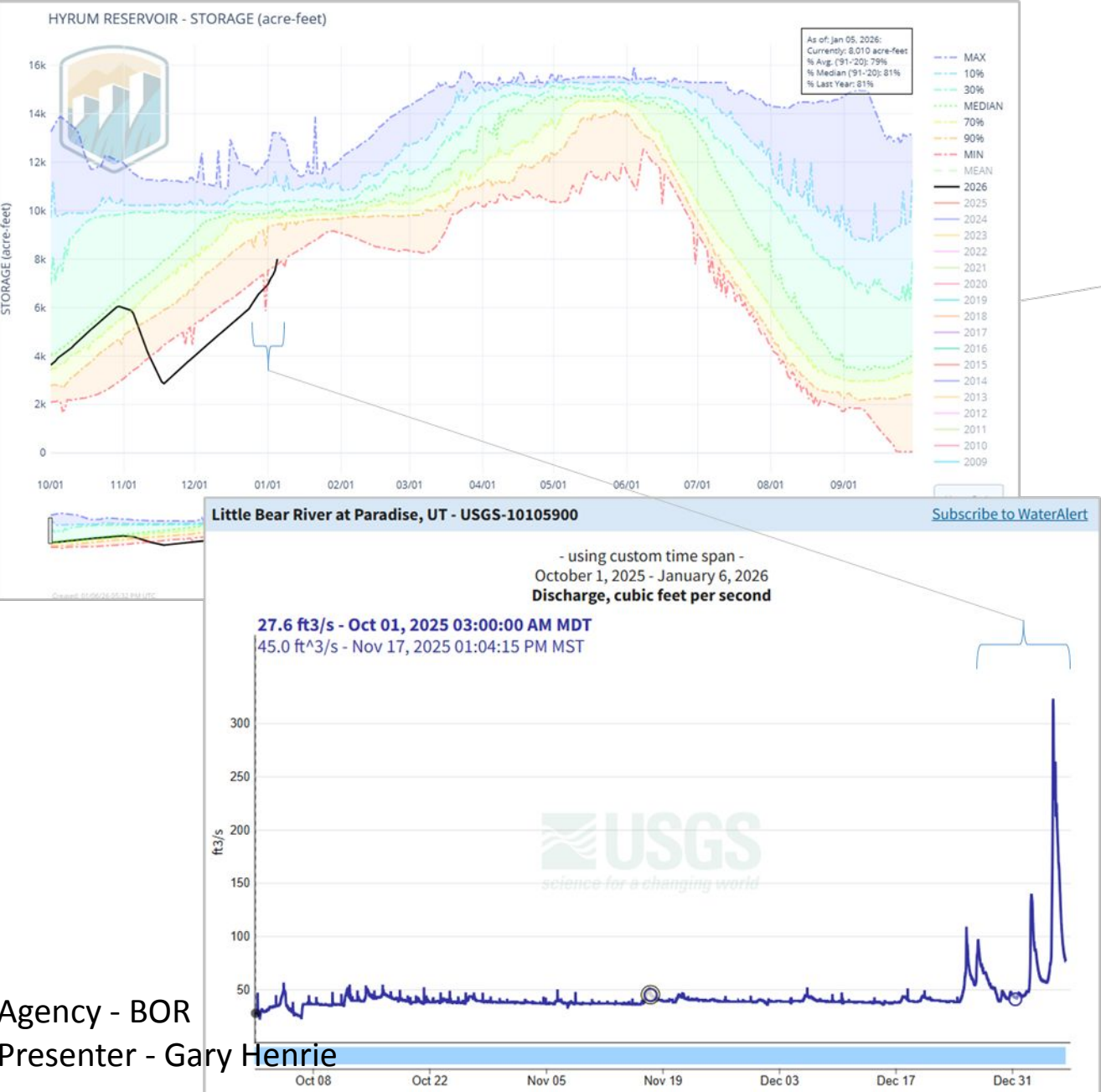
# Reservoir Levels



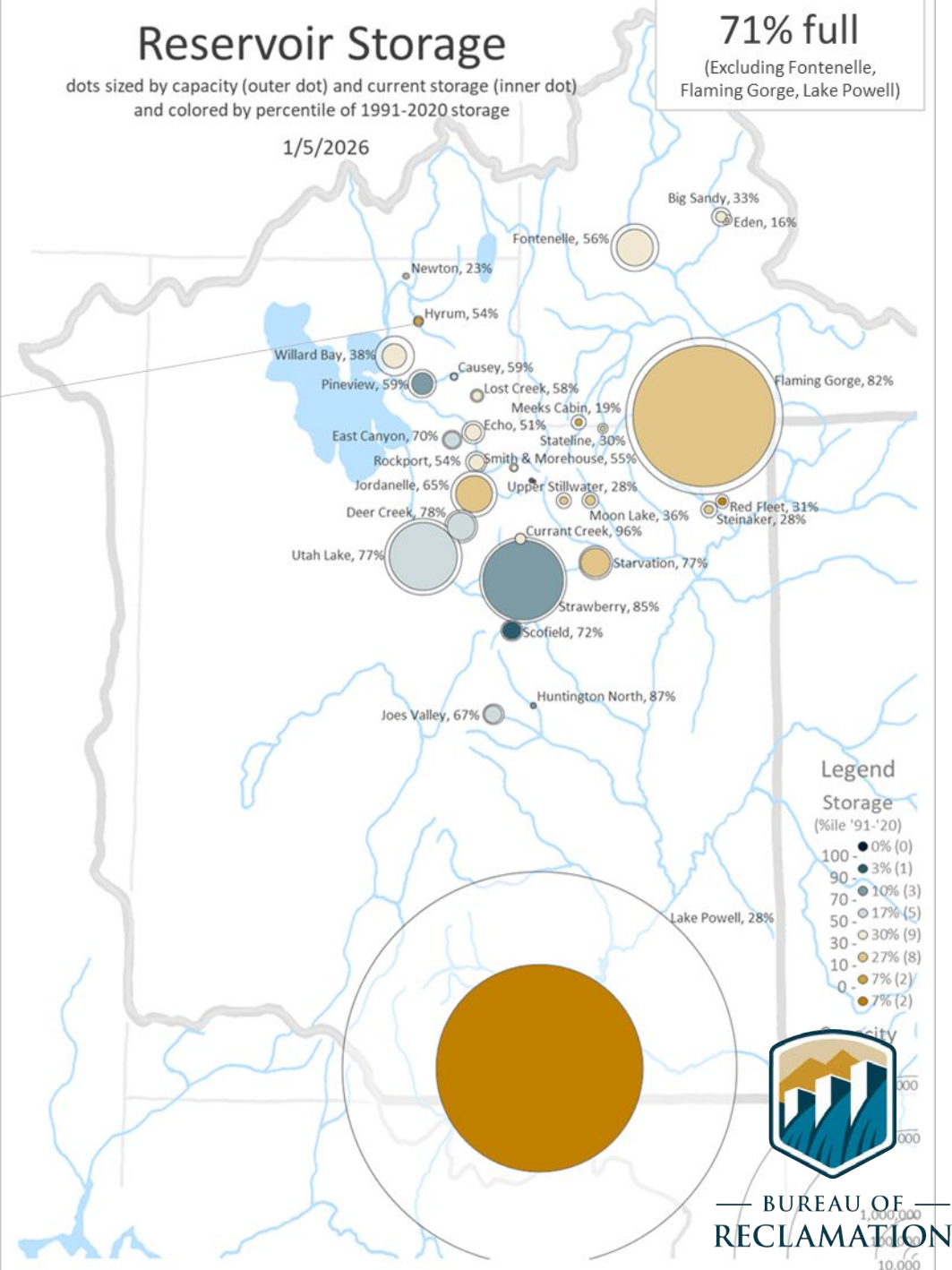
Agency - BOR  
Presenter - Gary Henrie



# Reservoir Levels



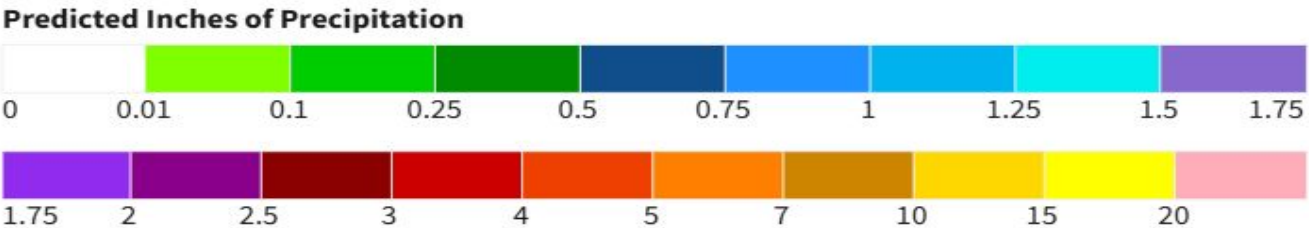
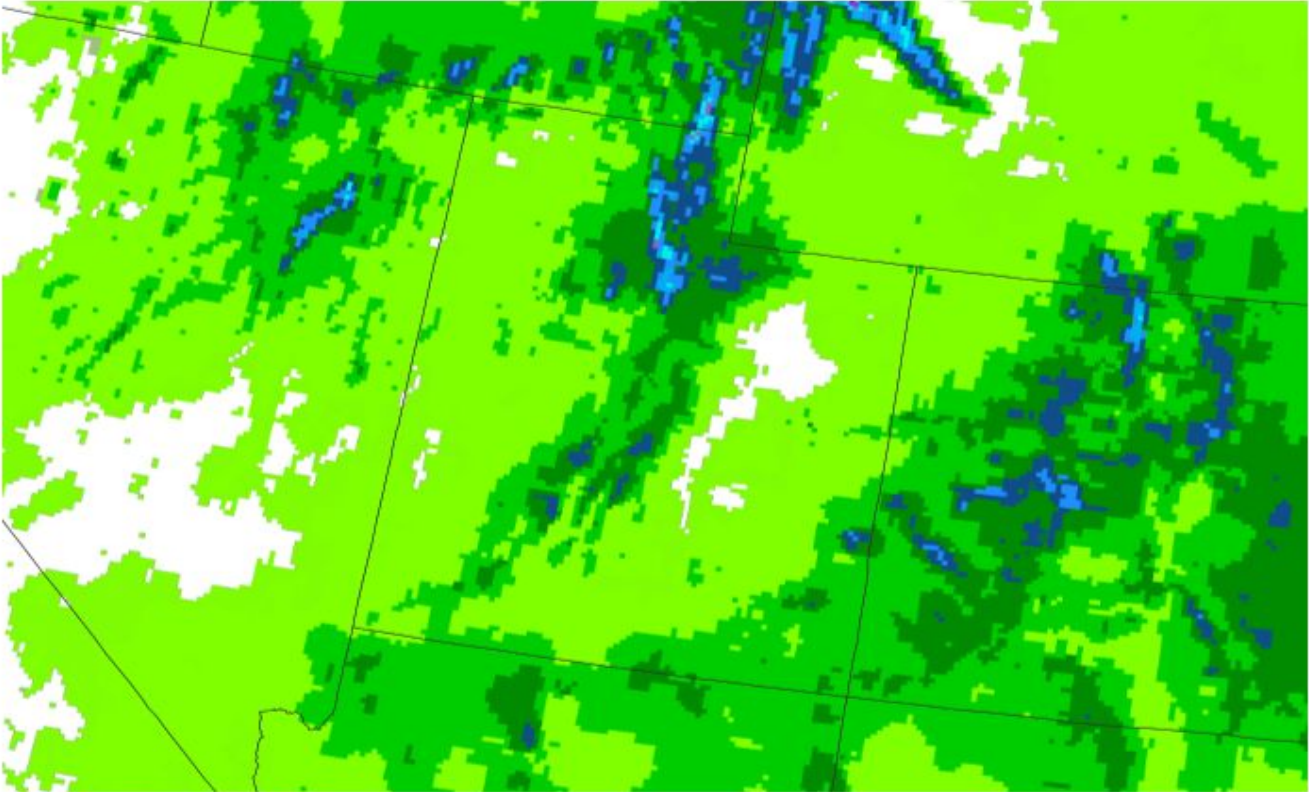
Agency - BOR  
Presenter - Gary Henrie





# Weather Forecast Office Utah Day 1-7 Outlook

7-Day Quantitative Precipitation Forecast for  
January 5–12, 2026

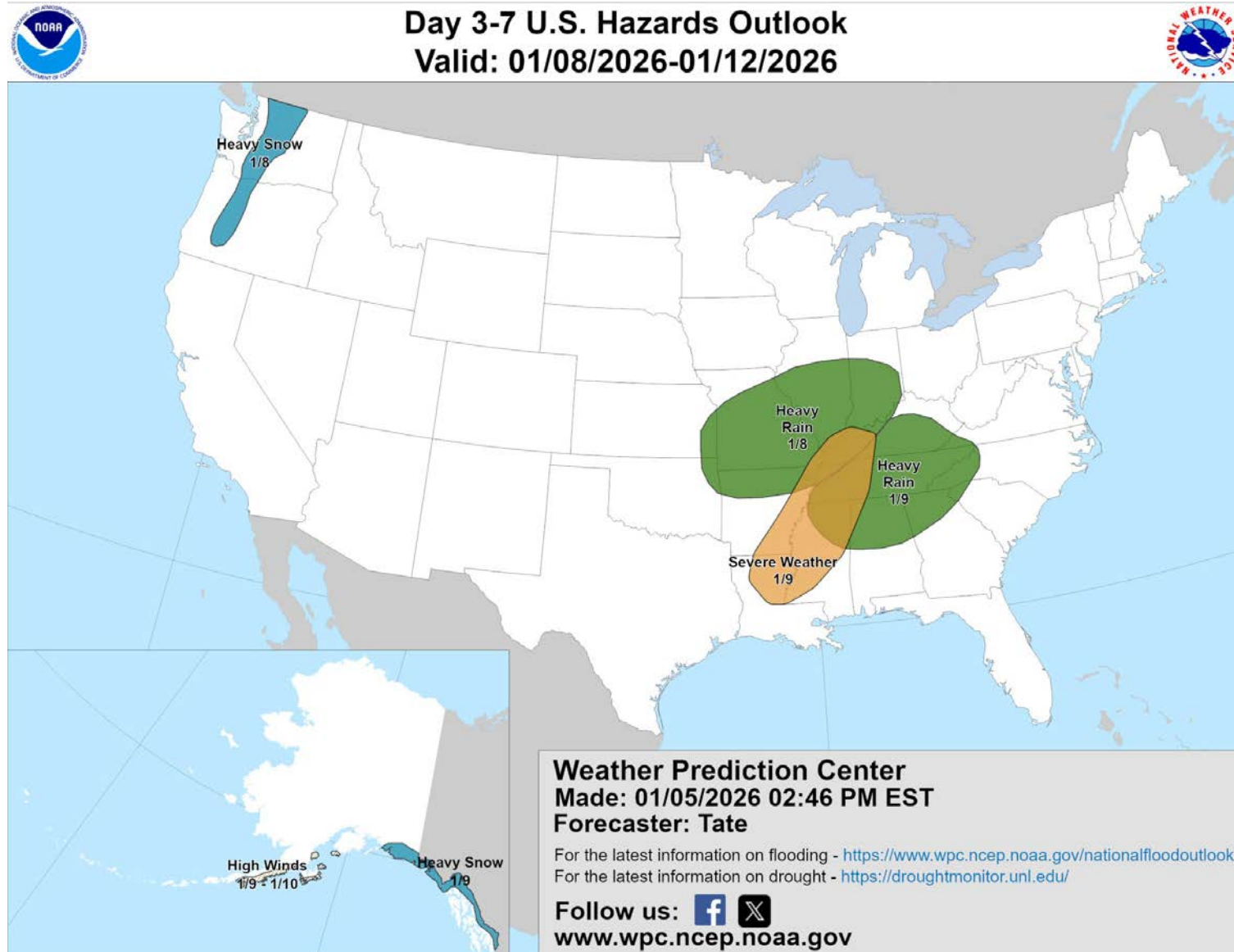


Agency - National Weather Service  
Presenter - Hayden Mahan

Source(s): National Weather Service Weather Prediction Center  
Last Updated: 01/06/26

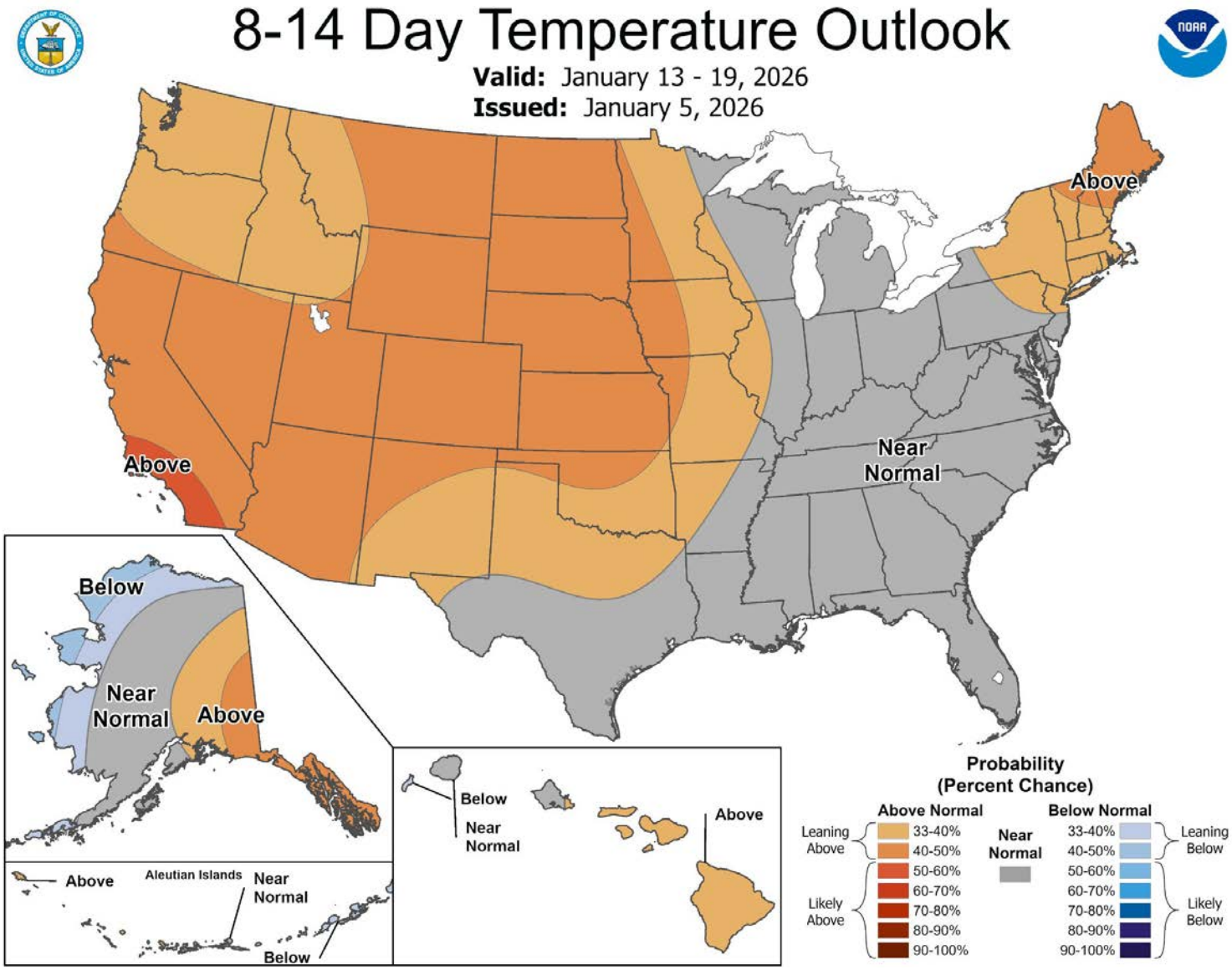
**Drought.gov**

# Weather Prediction Center U.S. Day 3-7 Hazards Outlook



Agency - National Weather Service Weather Forecast Office  
Presenter - Hayden Mahan

# Climate Prediction Center 8 to 14 Day Outlooks - Temperature



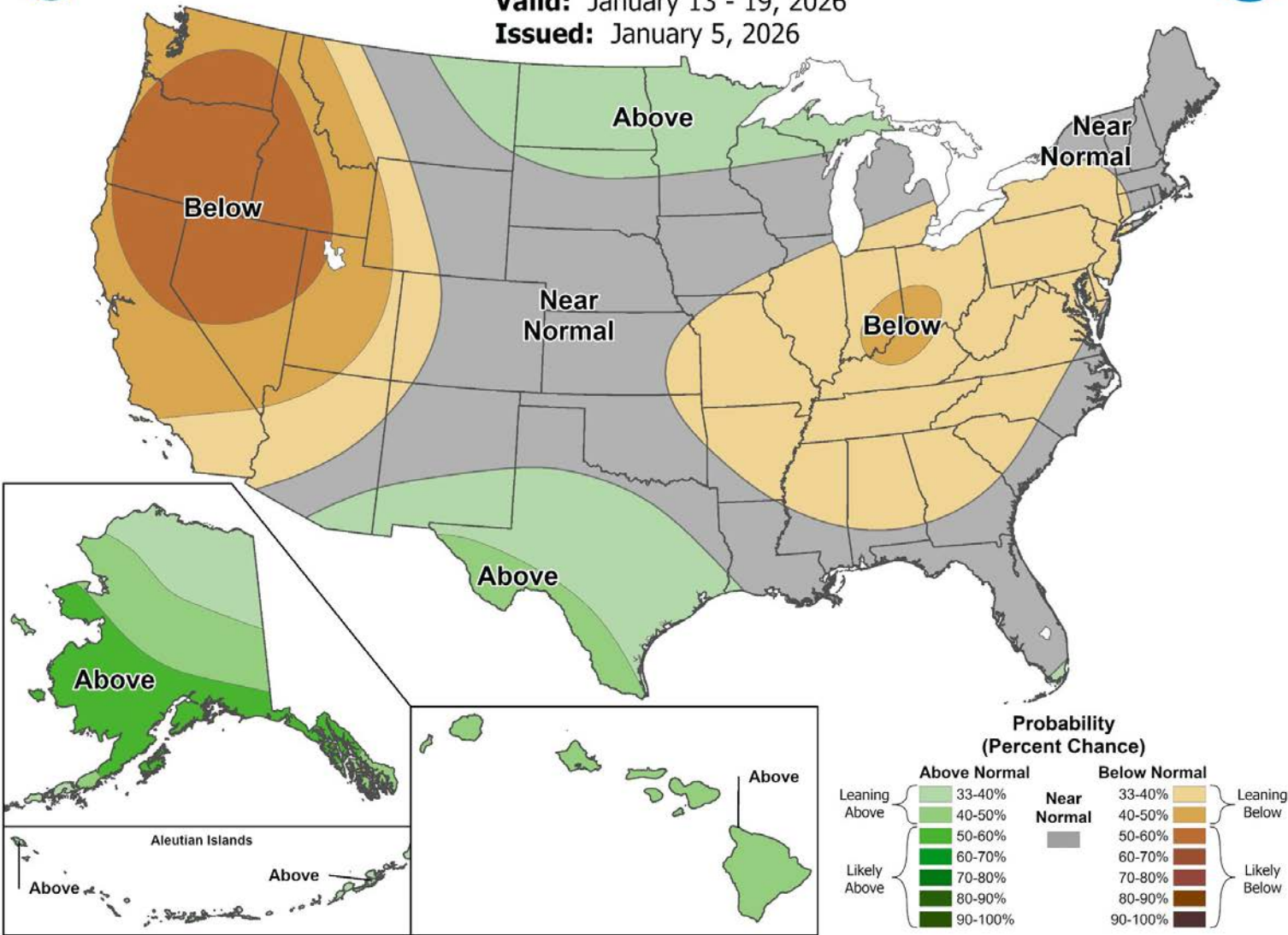


# Climate Prediction Center 8 to 14 Day Outlooks - Precipitation

## 8-14 Day Precipitation Outlook



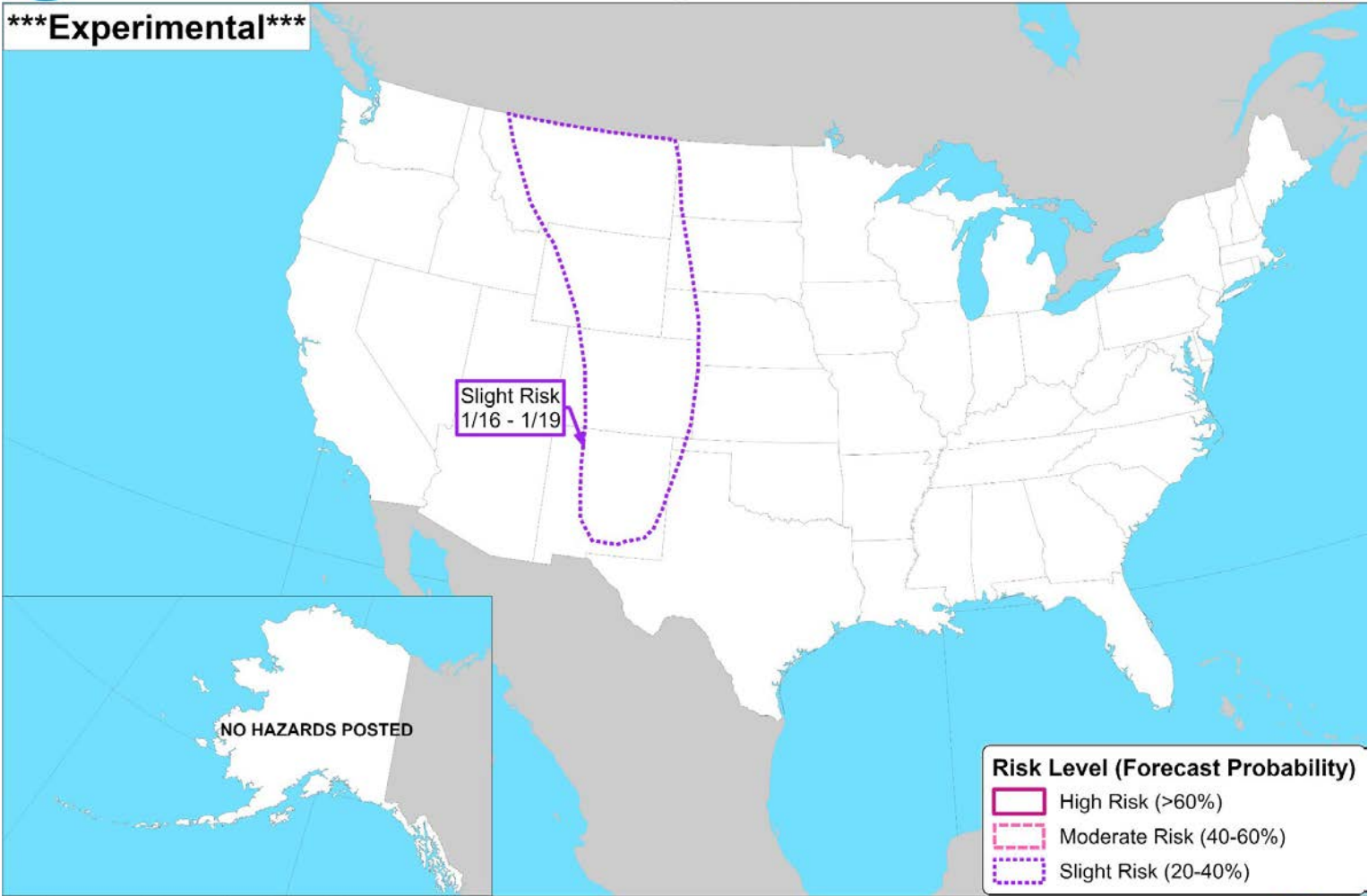
**Valid:** January 13 - 19, 2026  
**Issued:** January 5, 2026



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



**Risk of Heavy Snow**  
Valid: January 13 - 19, 2026



**Climate Prediction Center**  
Released: January 5, 2026 3:00 PM EST

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

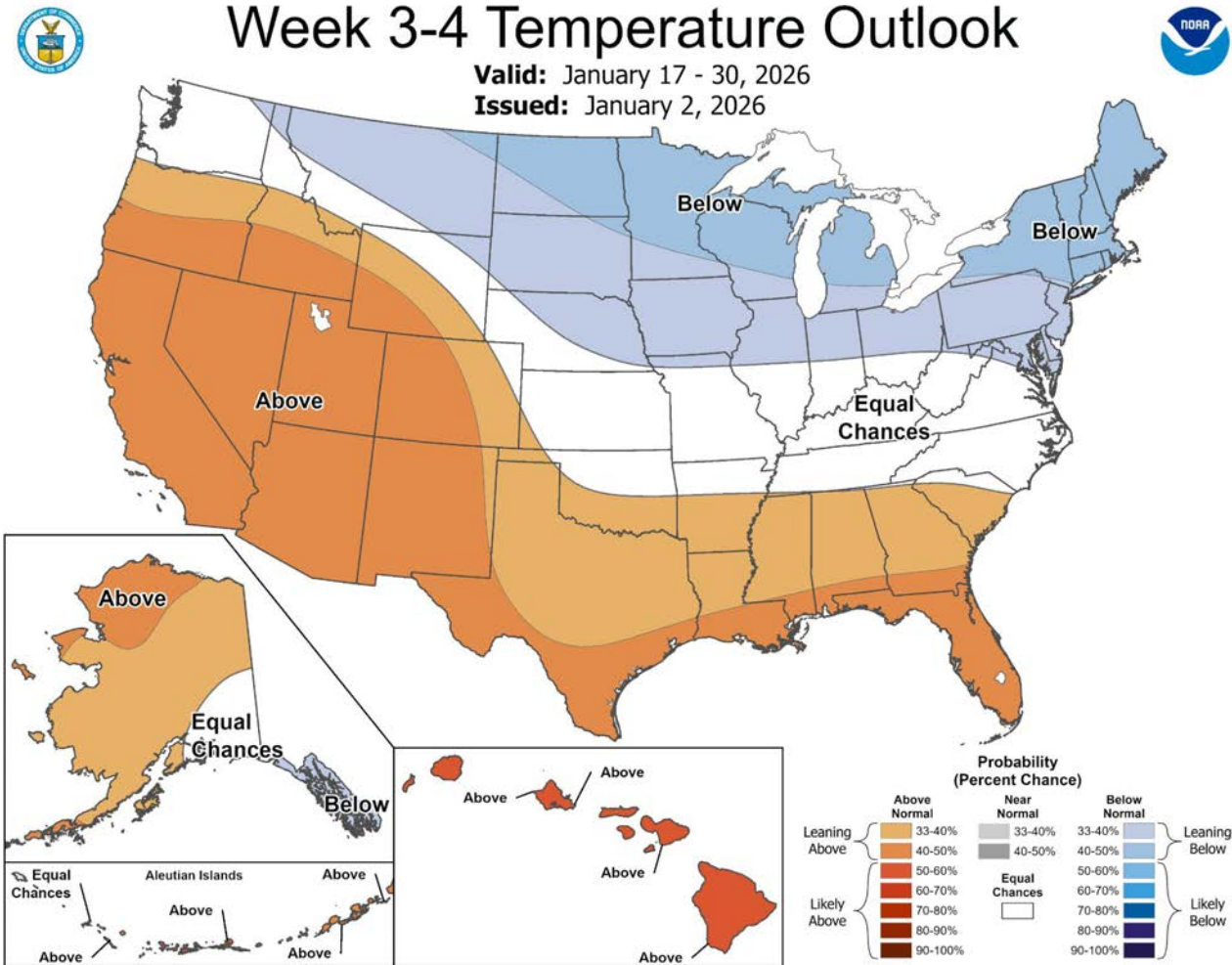


# Climate Prediction Center 3 to 4 Week Outlook



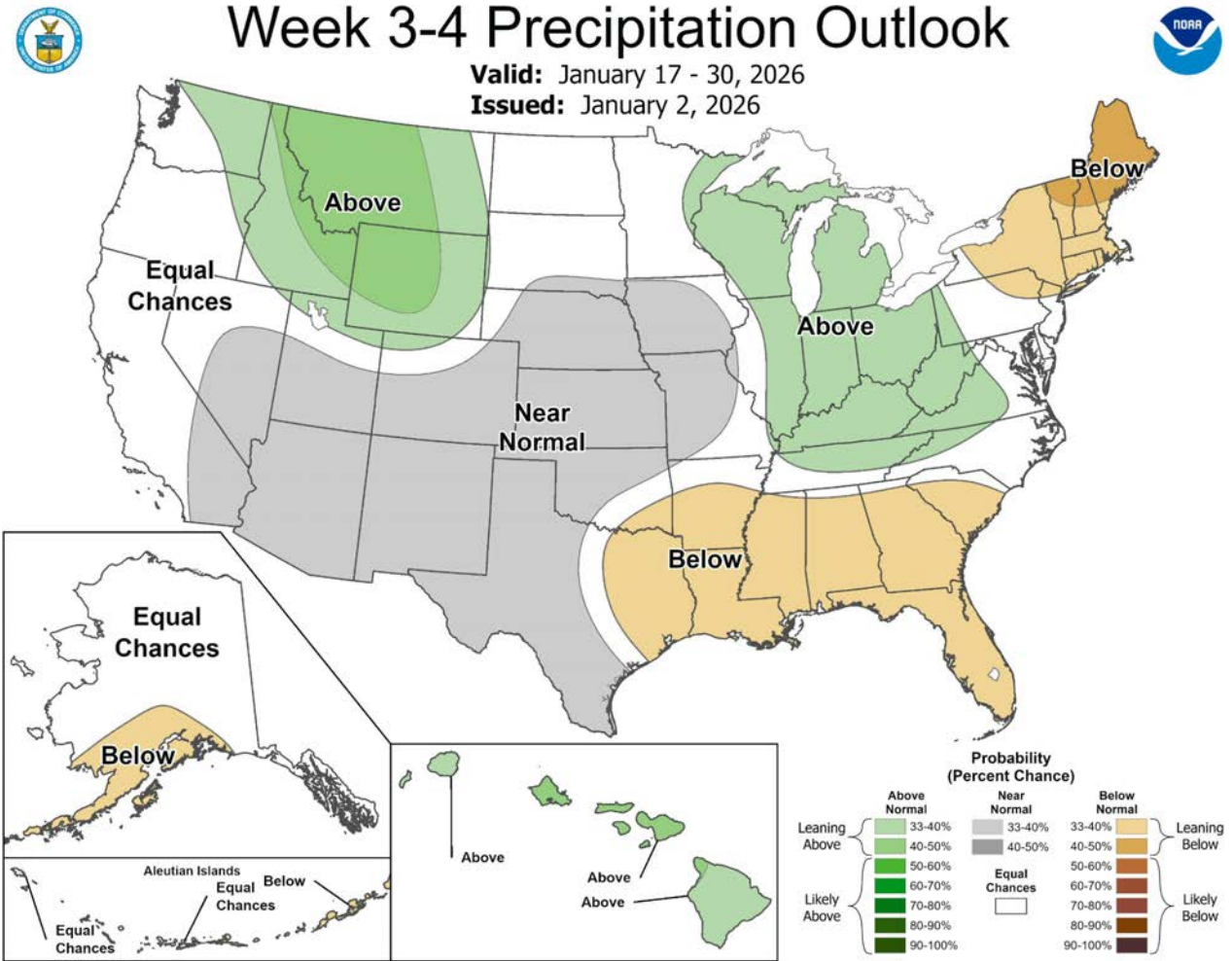
## Week 3-4 Temperature Outlook

Valid: January 17 - 30, 2026  
Issued: January 2, 2026



## Week 3-4 Precipitation Outlook

Valid: January 17 - 30, 2026  
Issued: January 2, 2026

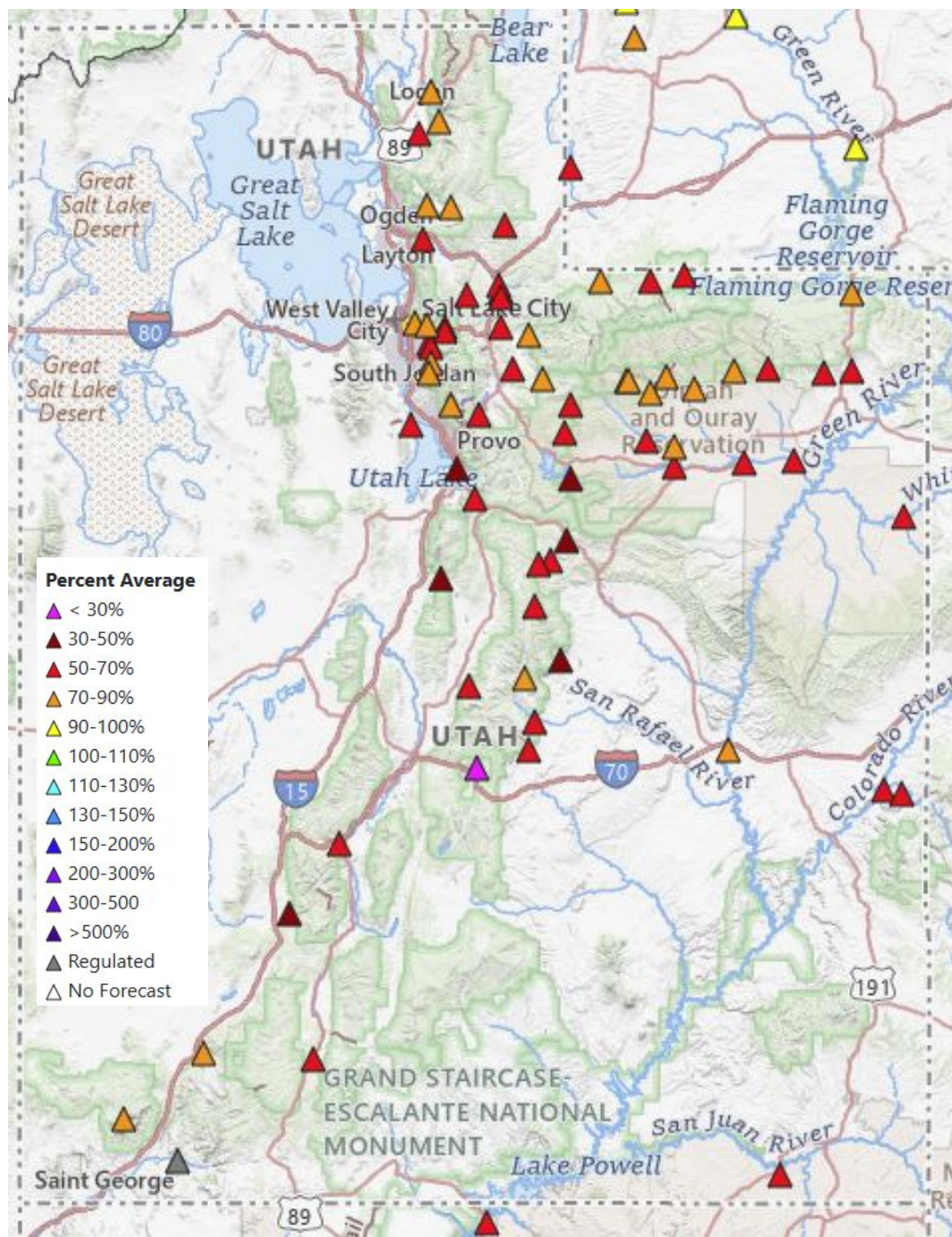




Official water supply forecasts will be issued this week (model guidance is shown to the right), but conditions are dry

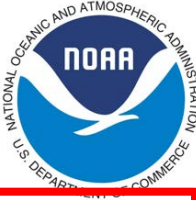
On Thursday, we'll have our first water supply webinar of the year, you can register here:

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





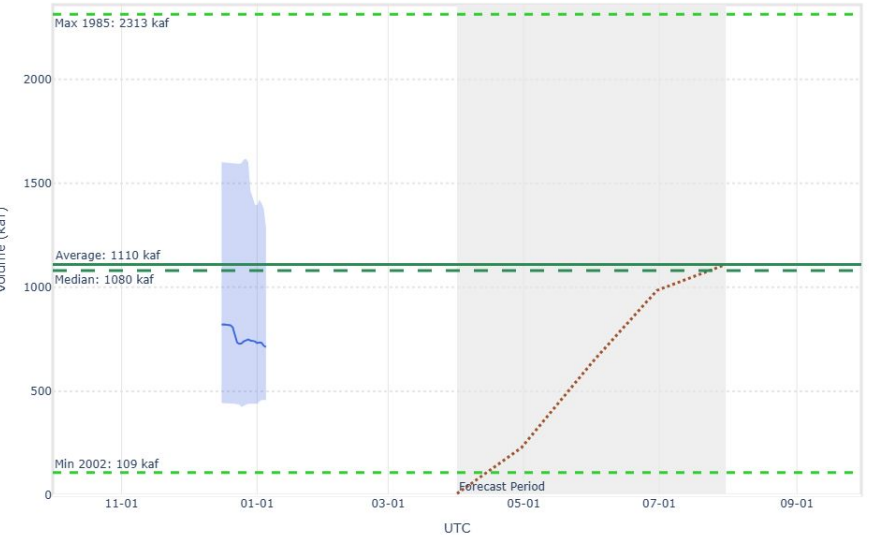
# New water supply list feature on our website



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
8	Green	Upper	Upper Green	CBRFC	SLO	UT	<a href="#">BNRU1</a>	Blacks Fork	Robertson; Nr	2026-01-05	Apr-Jul	34.0	42.0	59.0	74.0	90.0	88.0	67%
11	Green	Upper	Upper Green	CBRFC	GJT	UT	<a href="#">GRNU1</a>	Green	Flaming Gorge Reservoir	2026-01-05	Apr-Jul	390	625	796	1068	1353	965	83%
22	Green	Yampa/White	White-Yampa	CBRFC	GJT	UT	<a href="#">WATU1</a>	White	Watson; Nr	2026-01-05	Apr-Jul	107	130	157	192	315	270	58%
23	Green	Duchesne	Upper Green	CBRFC	GJT	UT	<a href="#">BRUU1</a>	Big Brush Ck	Vernal; Nr; Red Fleet Res; Abv	2026-01-05	Apr-Jul	7.70	11.3	12.7	16.3	23.0	19.6	65%
24	Green	Duchesne	Duchesne-Price	CBRFC	GJT	UT	<a href="#">ASHU1</a>	Ashley Ck	Vernal; Nr	2026-01-05	Apr-Jul	16.4	23.0	30.0	38.0	59.0	46.0	66%
25	Green	Duchesne	Duchesne-Price	CBRFC	GJT	UT	<a href="#">WTRU1</a>	Whiterocks	Whiterocks; Nr	2026-01-05	Apr-Jul	21.0	30.0	35.0	42.0	64.0	51.0	69%
26	Green	Duchesne	Duchesne-Price	CBRFC	SLO	UT	<a href="#">NEUU1</a>	Uinta	Neola; Nr	2026-01-05	Apr-Jul	27.0	44.0	55.0	64.0	93.0	72.0	76%
27	Green	Duchesne	Duchesne-Price	CBRFC	SLO	UT	<a href="#">YLLU1</a>	Yellowstone	Altonah; Nr	2026-01-05	Apr-Jul	30.0	39.0	48.0	57.0	78.0	60.0	80%
28	Green	Duchesne	Duchesne-Price	CBRFC	SLO	UT	<a href="#">LAAU1</a>	Lake Fork	Moon Lake Reservoir; Mtn Home; Nr	2026-01-05	Apr-Jul	33.0	39.0	49.0	61.0	84.0	64.0	77%
29	Green	Duchesne	Duchesne-Price	CBRFC	SLO	UT	<a href="#">USTU1</a>	Rock Ck	Upper Stillwater Reservoir	2026-01-05	Apr-Jul	41.0	49.0	62.0	80.0	103	72.0	86%
30	Green	Duchesne	Duchesne-Price	CBRFC	SLO	UT	<a href="#">SFRU1</a>	South Fork Rock Ck	Docs Div; Blo	2026-01-05	Apr-Jul	3.50	4.40	5.20	7.60	10.3	7.30	71%
31	Green	Duchesne	Duchesne-Price	CBRFC	SLO	UT	<a href="#">ROKU1</a>	Rock Ck	Mountain Home; Nr	2026-01-05	Apr-Jul	48.0	59.0	73.0	95.0	121	87.0	83%
32	Green	Duchesne	Duchesne-Price	CBRFC	SLO	UT	<a href="#">WFDU1</a>	West Fork Duchesne	Vat Diversion; Blo	2026-01-05	Apr-Jul	4.90	7.40	9.70	14.8	22.0	17.0	57%
33	Green	Duchesne	Duchesne-Price	CBRFC	SLO	UT	<a href="#">TADU1</a>	Duchesne	Tabiona; Nr	2026-01-05	Apr-Jul	42.0	55.0	71.0	90.0	106	103	69%
34	Green	Duchesne	Duchesne-Price	CBRFC	SLO	UT	<a href="#">DADU1</a>	Duchesne	Duchesne; Nr; Knight Div; Abv	2026-01-05	Apr-Jul	93.0	115	146	187	227	188	78%
35	Green	Duchesne	Duchesne-Price	CBRFC	SLO	UT	<a href="#">CRUU1</a>	Currant Ck	Currant Ck Reservoir	2026-01-05	Apr-Jul	3.40	6.40	10.0	17.3	23.0	17.7	57%
36	Green	Duchesne	Duchesne-Price	CBRFC	SLO	UT	<a href="#">STIU1</a>	Strawberry	Strawberry Reservoir; Soldier Springs	2026-01-05	Apr-Jul	10.4	16.0	26.0	41.0	61.0	60.0	43%

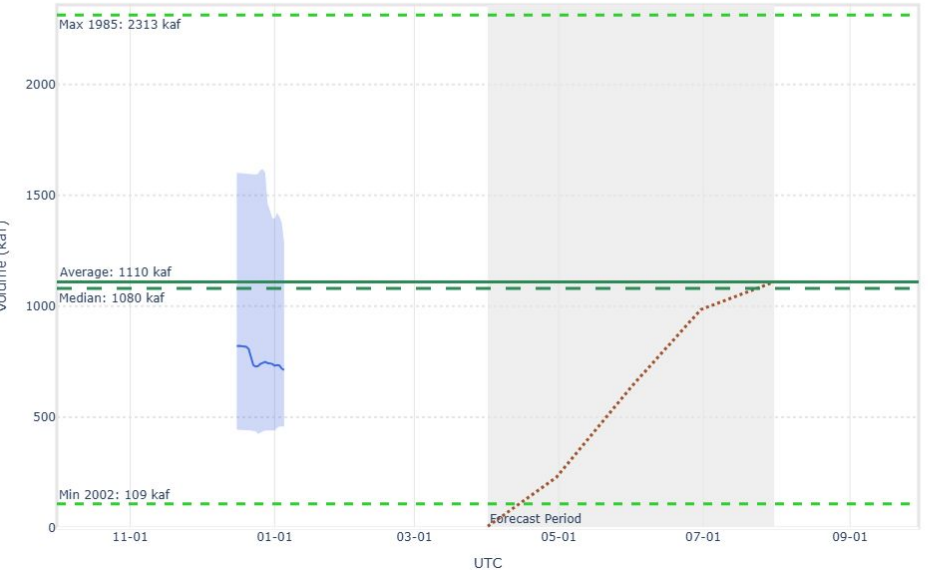
2026 Water Supply Forecast - San Juan - Bluff, Nr (BFFU1)

ESP is Unregulated and No Precipitation Forecast Included  
No Official Forecast  
ESP 50% Fcst (2026-01-05): 713 kaf (64% Avg, 66% Med), (22% of Yrs Below Fcst, 36 Highest Flow / 45 Tot Yrs)  
No Observed



2026 Water Supply Forecast - San Juan - Bluff, Nr (BFFU1)

ESP is Unregulated and No Precipitation Forecast Included  
No Official Forecast  
ESP 50% Fcst (2026-01-05): 713 kaf (64% Avg, 66% Med), (22% of Yrs Below Fcst, 36 Highest Flow / 45 Tot Yrs)  
No Observed



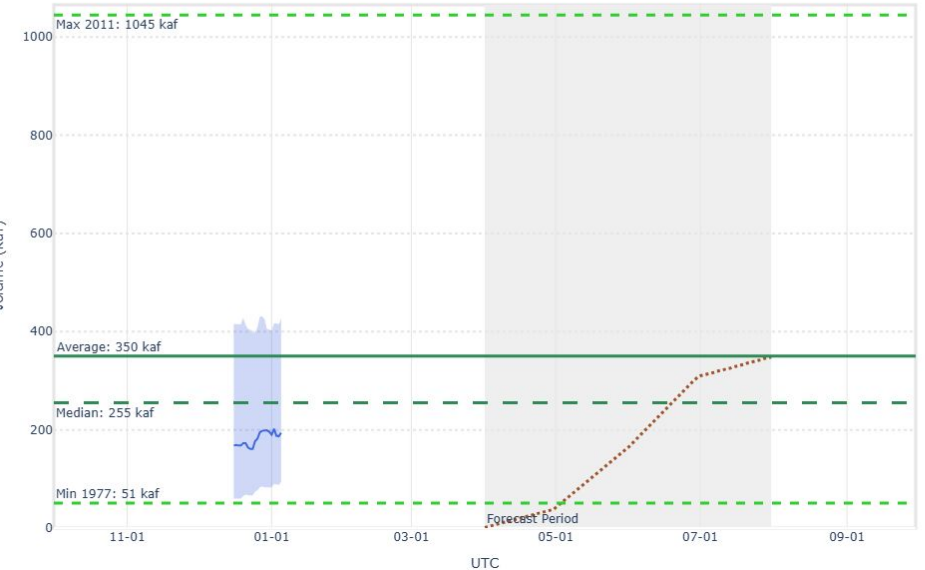
2026 Water Supply Forecast - Big Cottonwood Ck - Salt Lake City, Nr (BCTU1)

ESP is Unregulated and No Precipitation Forecast Included  
No Official Forecast  
ESP 50% Fcst (2026-01-05): 25 kaf (72% Avg, 85% Med), (23% of Yrs Below Fcst, 74 Highest Flow / 95 Tot Yrs)  
No Observed



2026 Water Supply Forecast - Duchesne - Randlett, Nr (DURU1)

ESP is Unregulated and No Precipitation Forecast Included  
No Official Forecast  
ESP 50% Fcst (2026-01-05): 194 kaf (55% Avg, 76% Med), (25% of Yrs Below Fcst, 63 Highest Flow / 83 Tot Yrs)  
No Observed



Water supply  
guidance ranges  
from 30% of  
average in the  
Sevier to 89% of  
average in the  
Weber

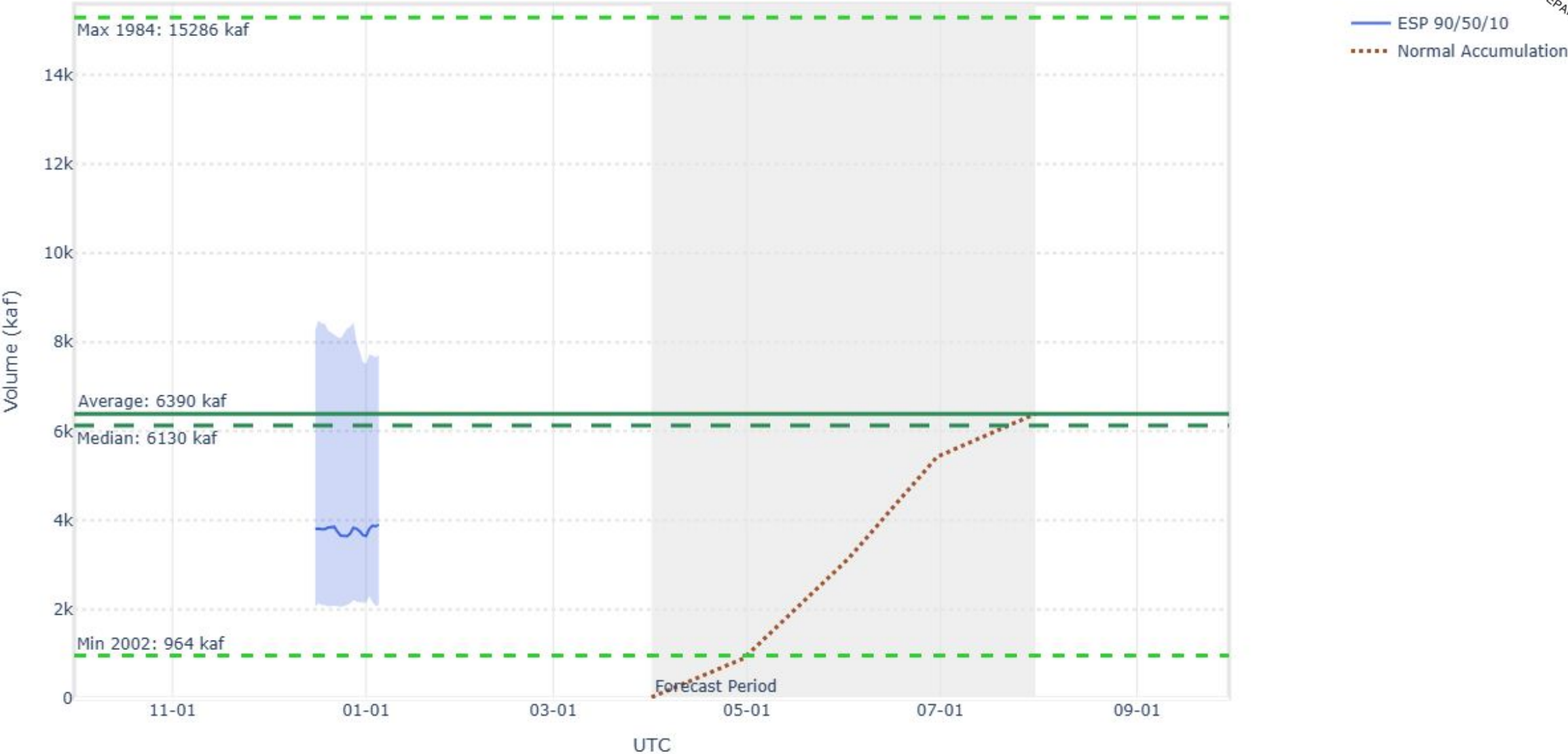




2026 Water Supply Forecast - Colorado - Lake Powell, Glen Cyn Dam, At (GLDA3)

ESP is Unregulated and No Precipitation Forecast Included  
No Official Forecast

ESP 50% Fcst (2026-01-05): 3902 kaf (61% Avg, 64% Med), (22% of Yrs Below Fcst, 49 Highest Flow / 62 Tot Yrs)  
No Observed

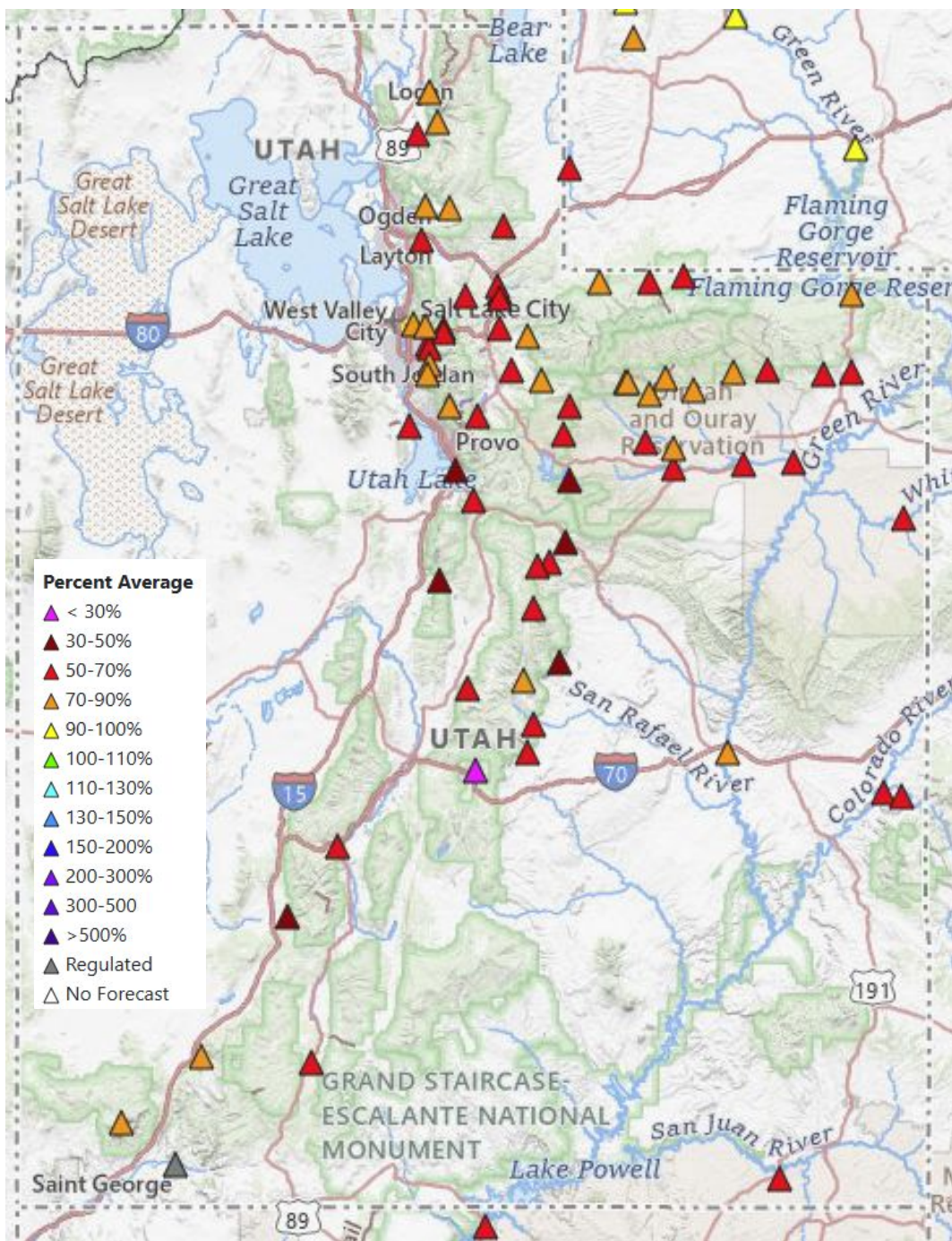




First water supply webinar of the year is this Thursday, you can register here:

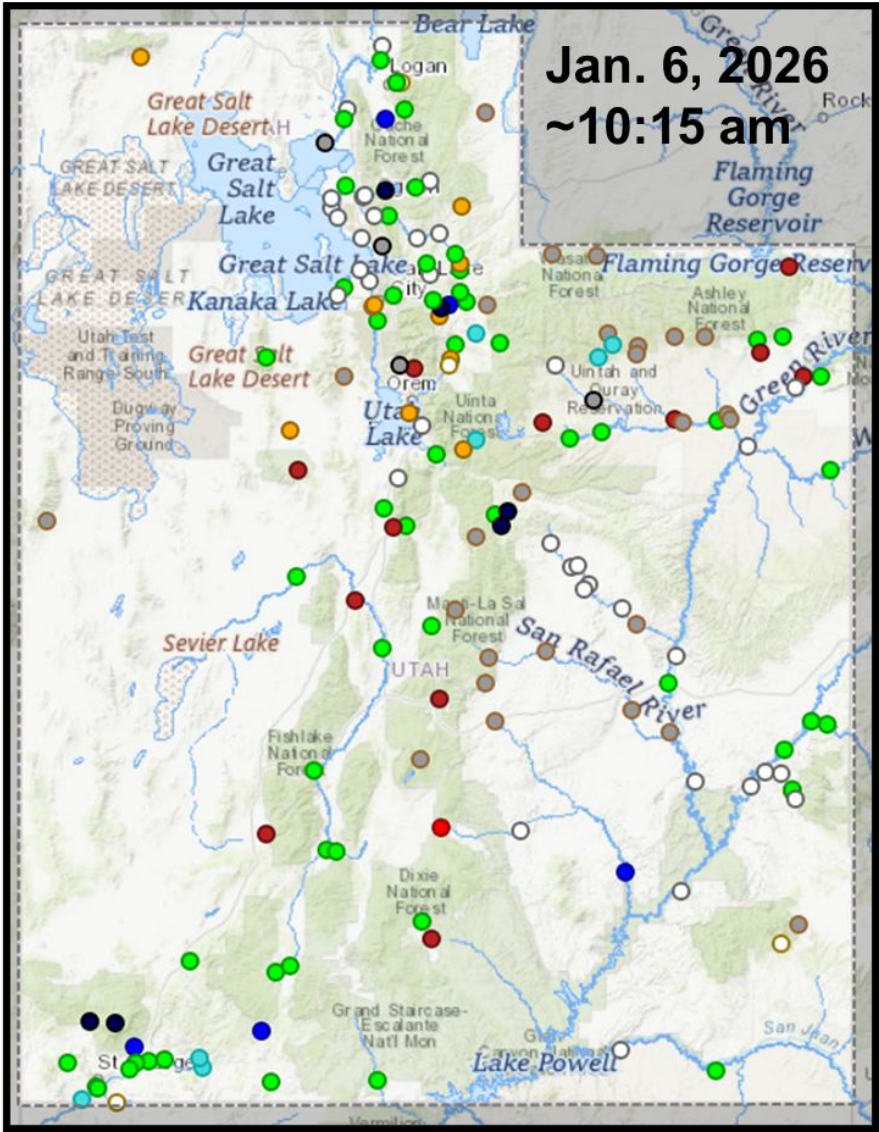
<https://www.cbrfc.noaa.gov/news/wswebinar.html>

There is also a link near the top of our homepage, [www.cbrfc.noaa.gov](http://www.cbrfc.noaa.gov)
















# Current Streamflows



## National Water Dashboard

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

Day-of-Year Status	# Gages	% Gages
All-time high for this day-of-year	6	3.6% 
Much above normal for this day-of-year	5	3.0% 
Above normal for this day-of-year	8	4.7% 
Normal for this day-of-year	56	33.1% 
Below normal for this day-of-year	10	5.9% 
Much below normal for this day-of-year	12	7.1% 
All-time low for this day-of-year	1	0.6% 
Not ranked - insufficient record	40	23.7% 
Not ranked - no measurement	22	13.0% 
Not ranked - no recent measurement	5	3.0% 
Not ranked - stream not flowing	4	2.4% 

Provisional data, subject to revision

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

100<sup>th</sup> percentile (maximum)

>90<sup>th</sup> percentile

76<sup>th</sup> – 90<sup>th</sup> percentile

25<sup>th</sup> – 75<sup>th</sup> percentile

10<sup>th</sup> – 24<sup>th</sup> percentile

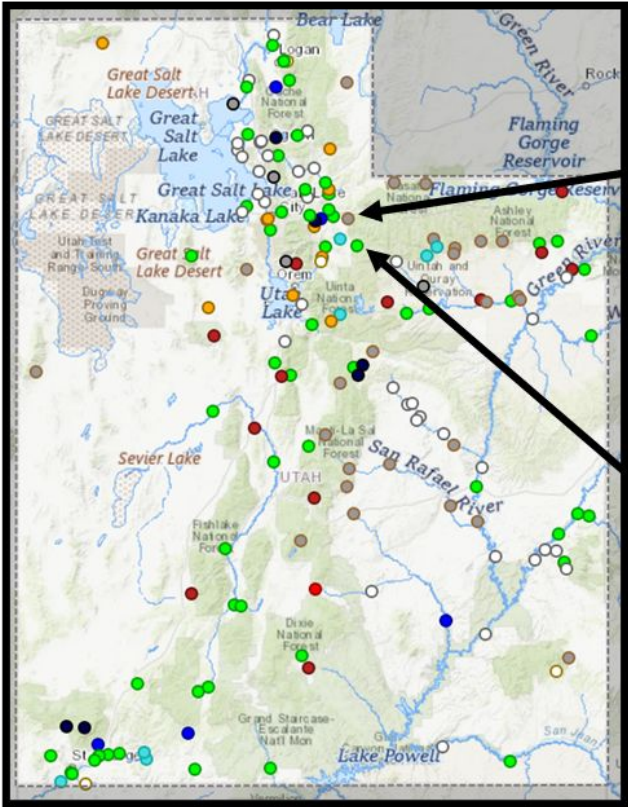
<10<sup>th</sup> percentile

0<sup>th</sup> percentile (minimum)

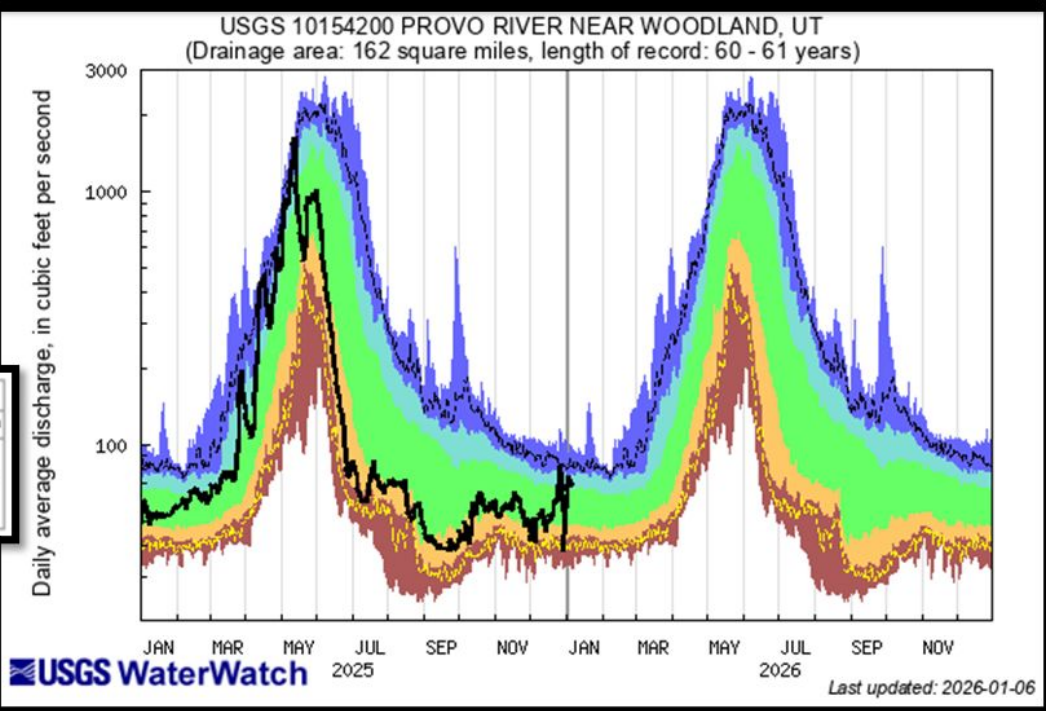
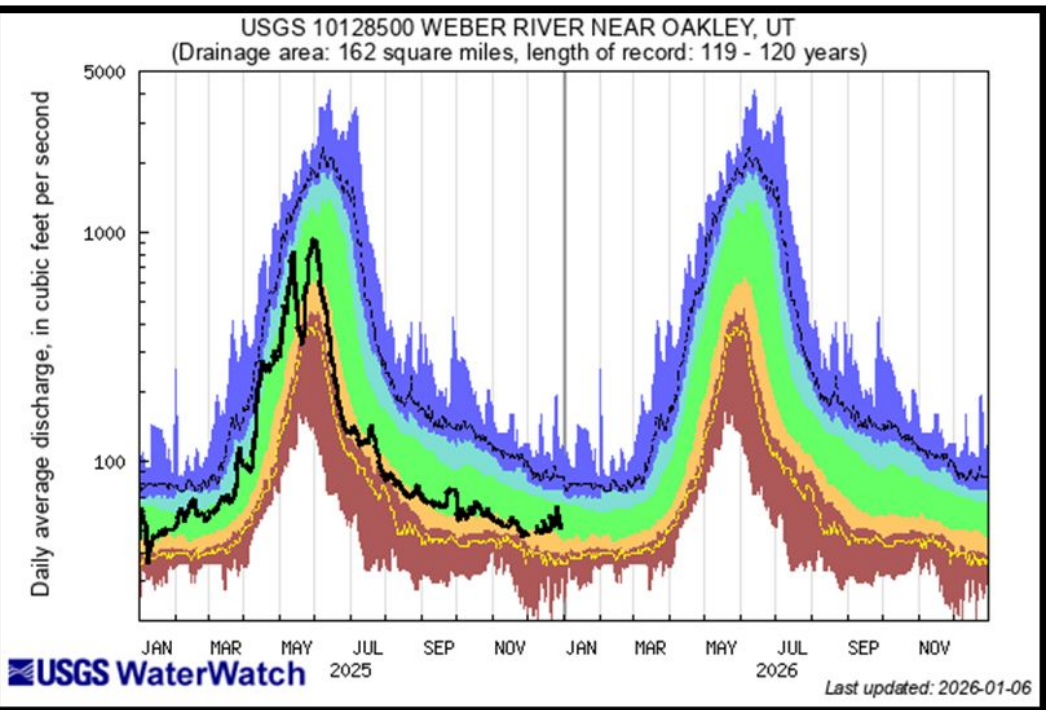
Agency - USGS Utah WSC  
Presenter - Ryan Rowland



# Streamflow at Selected Gages

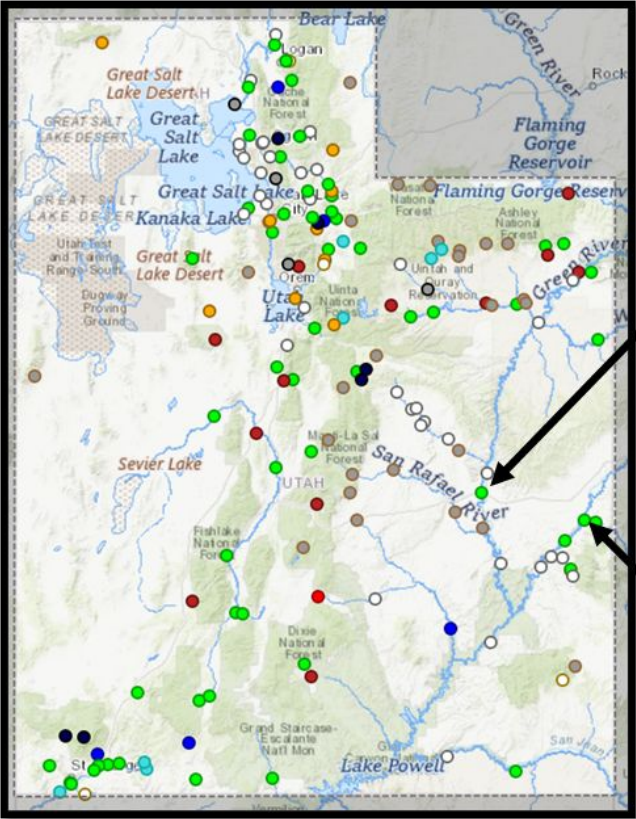


Explanation - Percentile classes							Flow
lowest-10th percentile	5	10-24	25-75	76-90	95	90th percentile - highest	
Much below Normal	Below normal	Normal	Above normal	Much above normal			

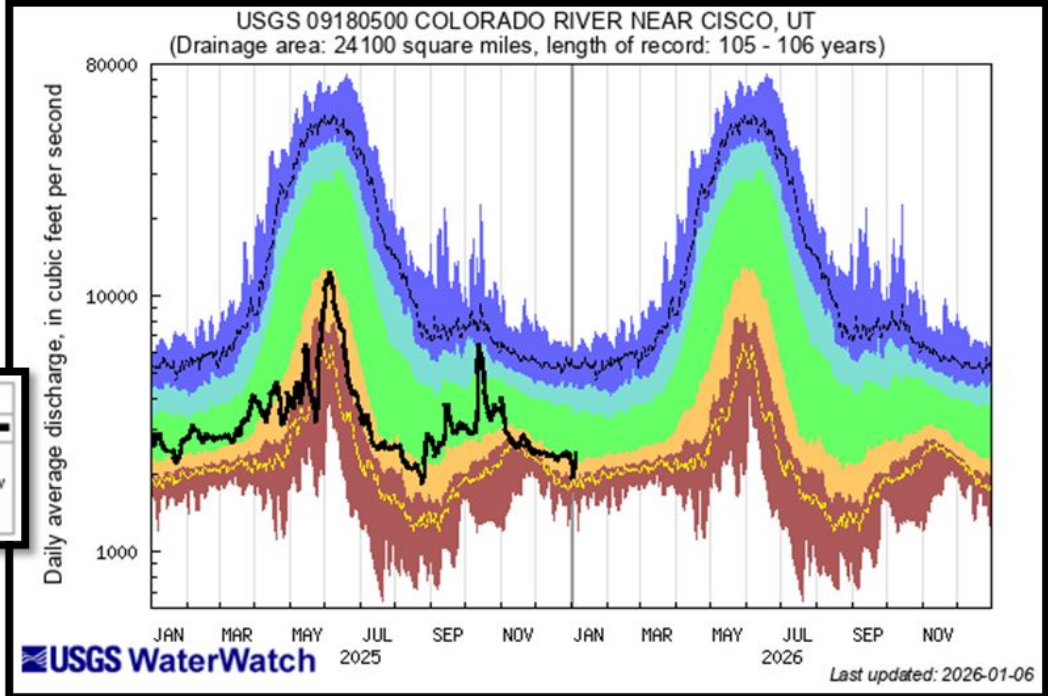
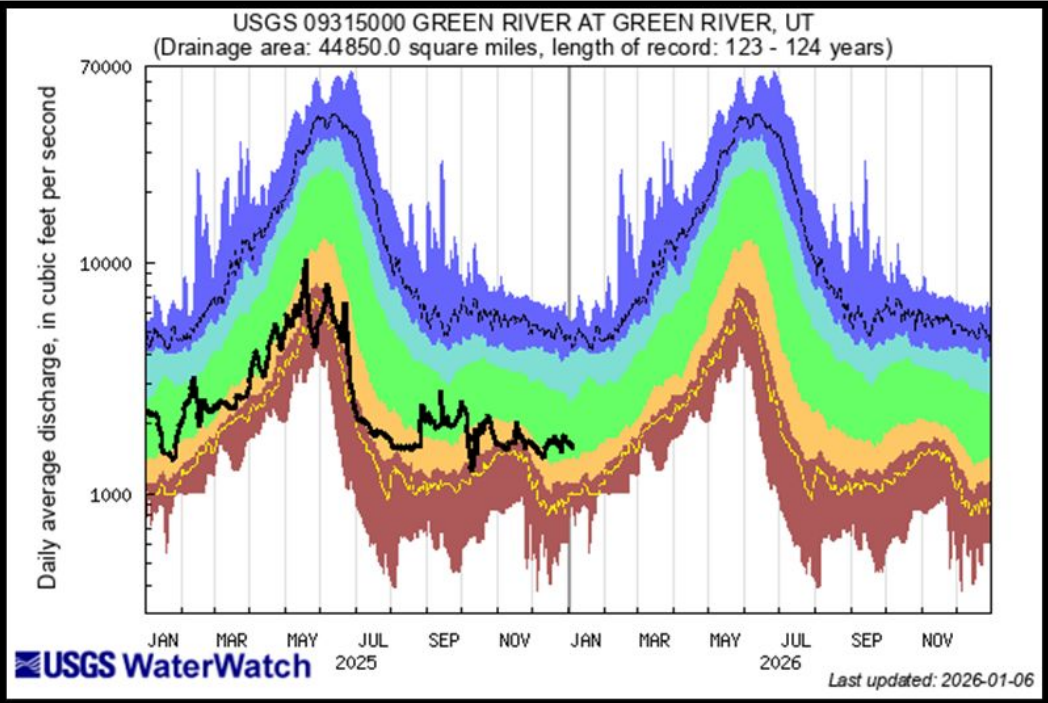




# Streamflow at Selected Gages



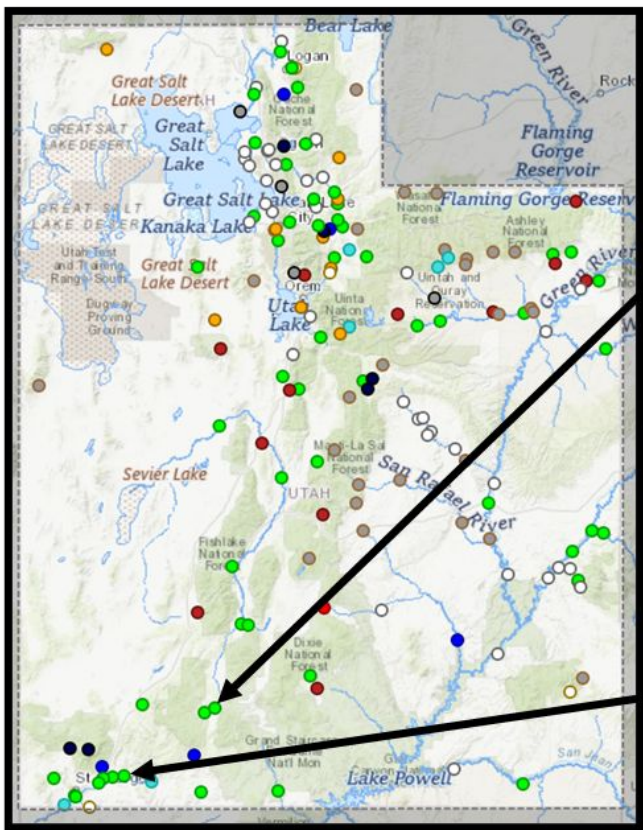
Explanation - Percentile classes							Flow
lowest-10th percentile	5	10-24	25-75	76-90	95	90th percentile-highest	
Much below Normal	Below normal	Normal	Above normal	Much above normal			



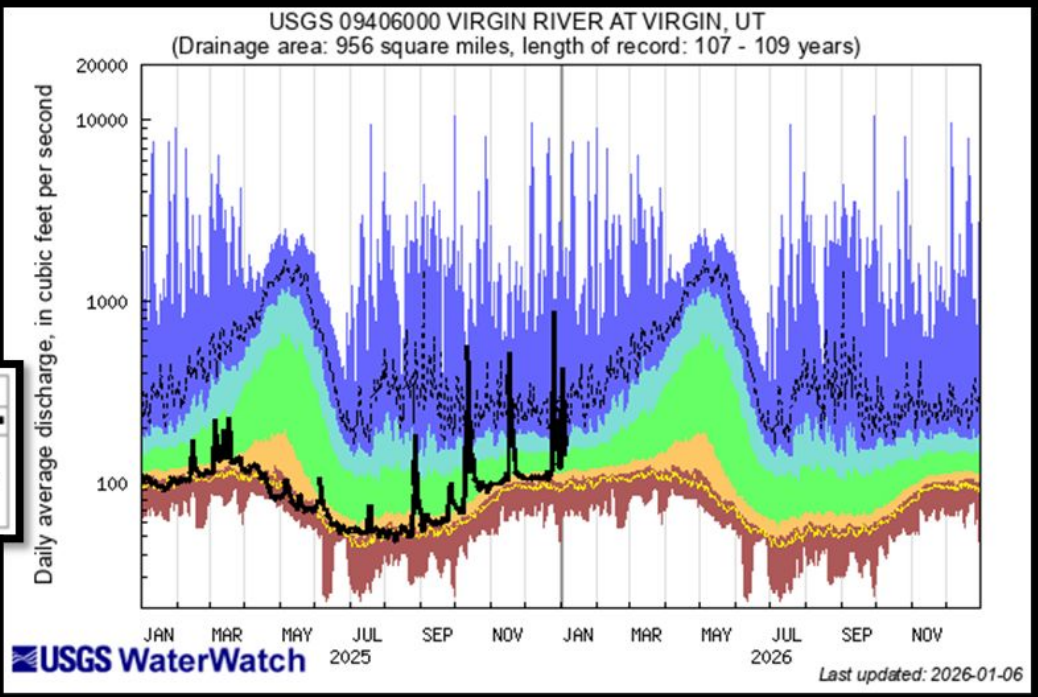
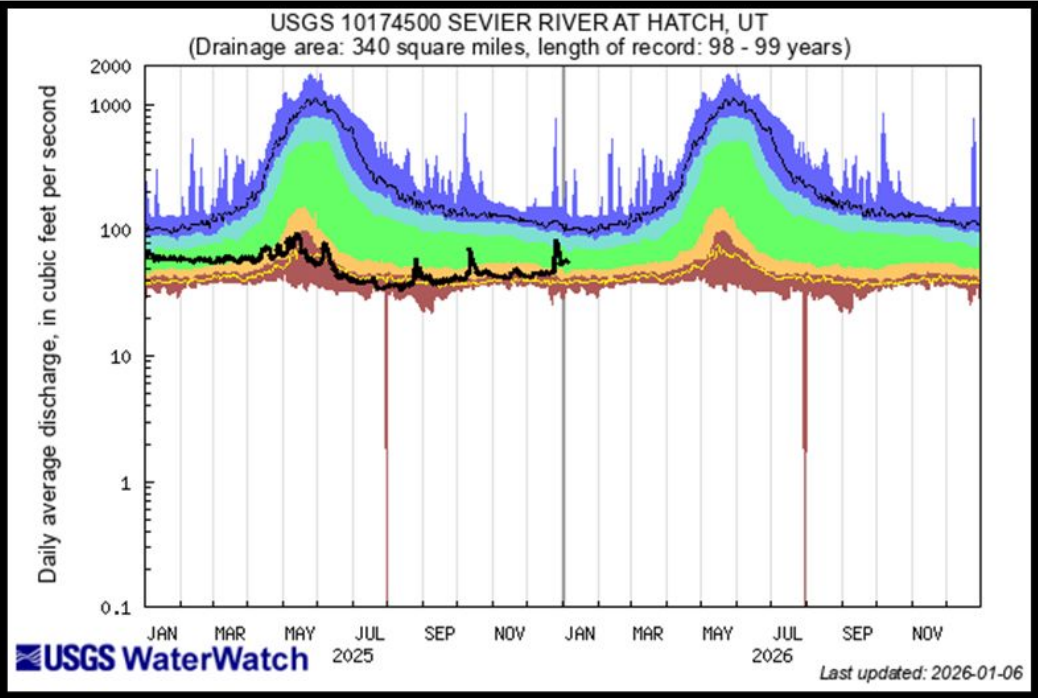
Agency - USGS Utah WSC  
Presenter - Ryan Rowland

Provisional data,  
subject to revision

# Streamflow at Selected Gages

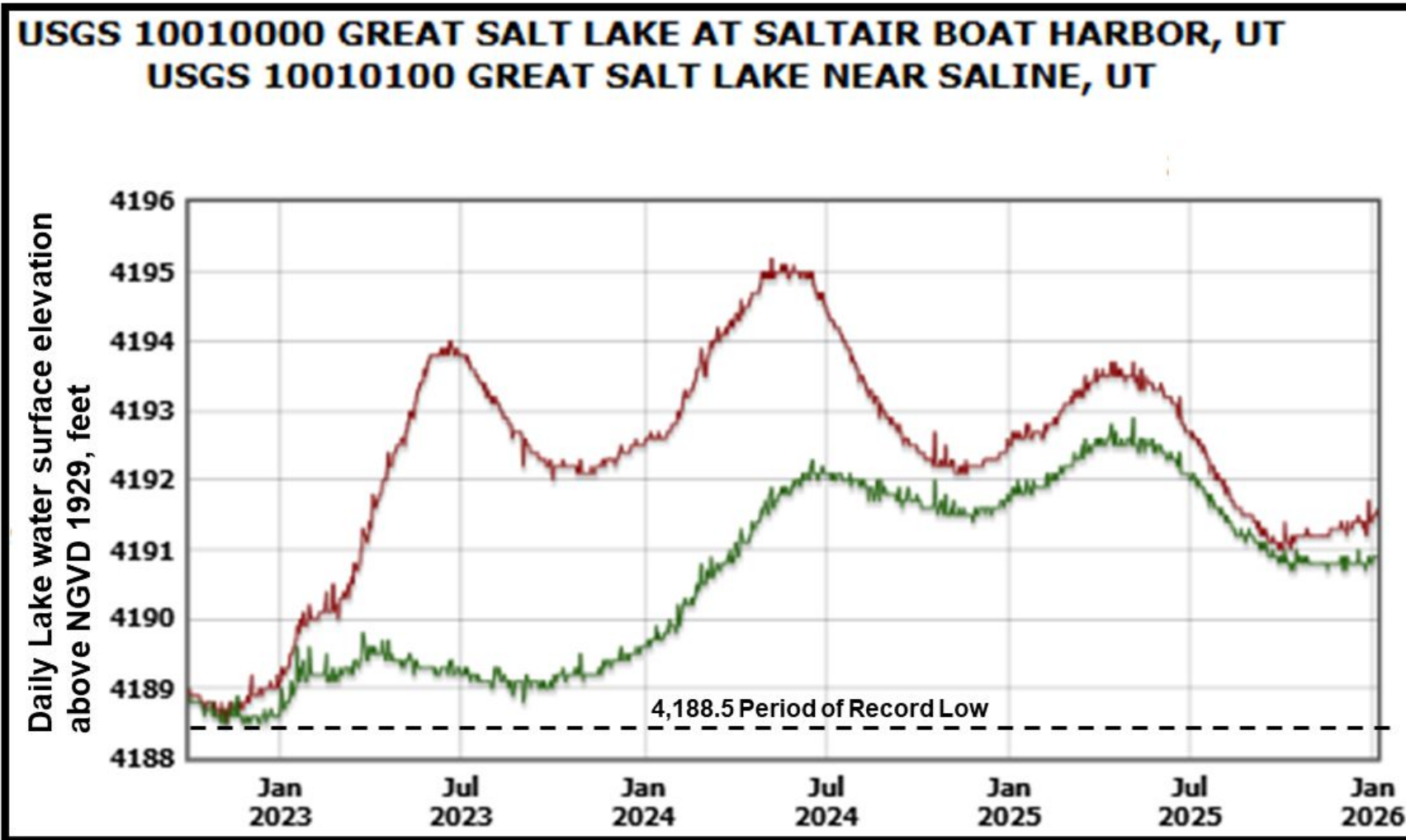


Explanation - Percentile classes						
lowest-10th percentile	5	10-24	25-75	76-90	95	90th percentile-highest
Much below Normal	Below normal	Normal	Above normal	Much above normal		Flow





# Great Salt Lake Water Surface Elevations



Explanation

- USGS 10010000 (Mean)
- USGS 10010100 (Mean)

Provisional data,  
subject to revision

## *Daily Values* **1/5/2026**

❑ **South Arm:**  
**4,191.6'**

**Up 0.6'**  
**since**  
**seasonal**  
**low**

❑ **North Arm:**  
**4,190.9'**

**Up 0.2'**  
**since**  
**seasonal**  
**low**

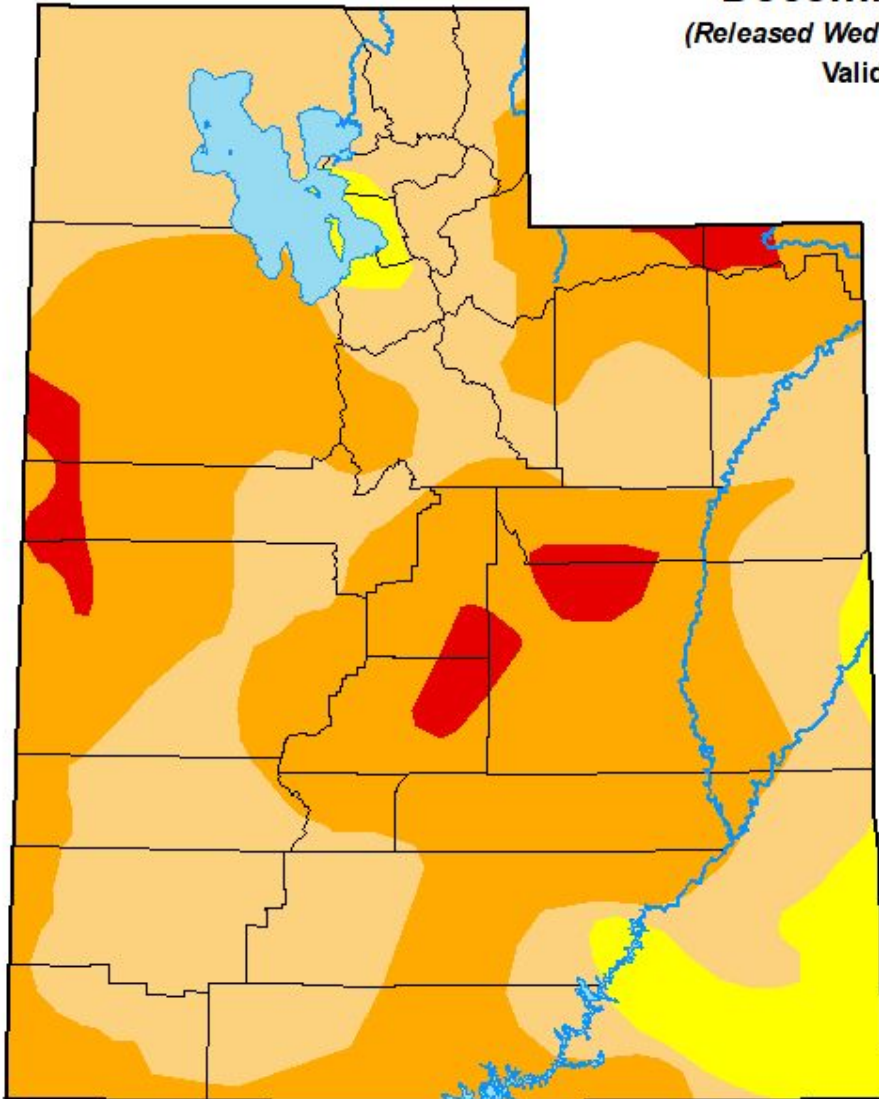
# U.S. Drought Monitor

## Utah







**December 30, 2025**

*(Released Wednesday, Dec. 31, 2025)*

Valid 7 a.m. EST



### Intensity:

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

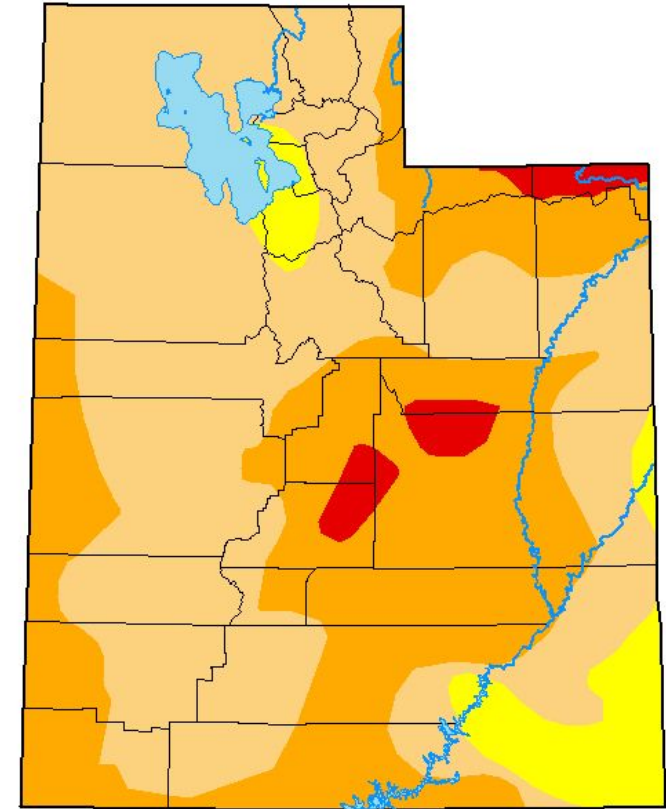
*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>*

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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)