



Utah Water Conditions (drought webinar)

The meeting will begin shortly



Thank you to our contributors

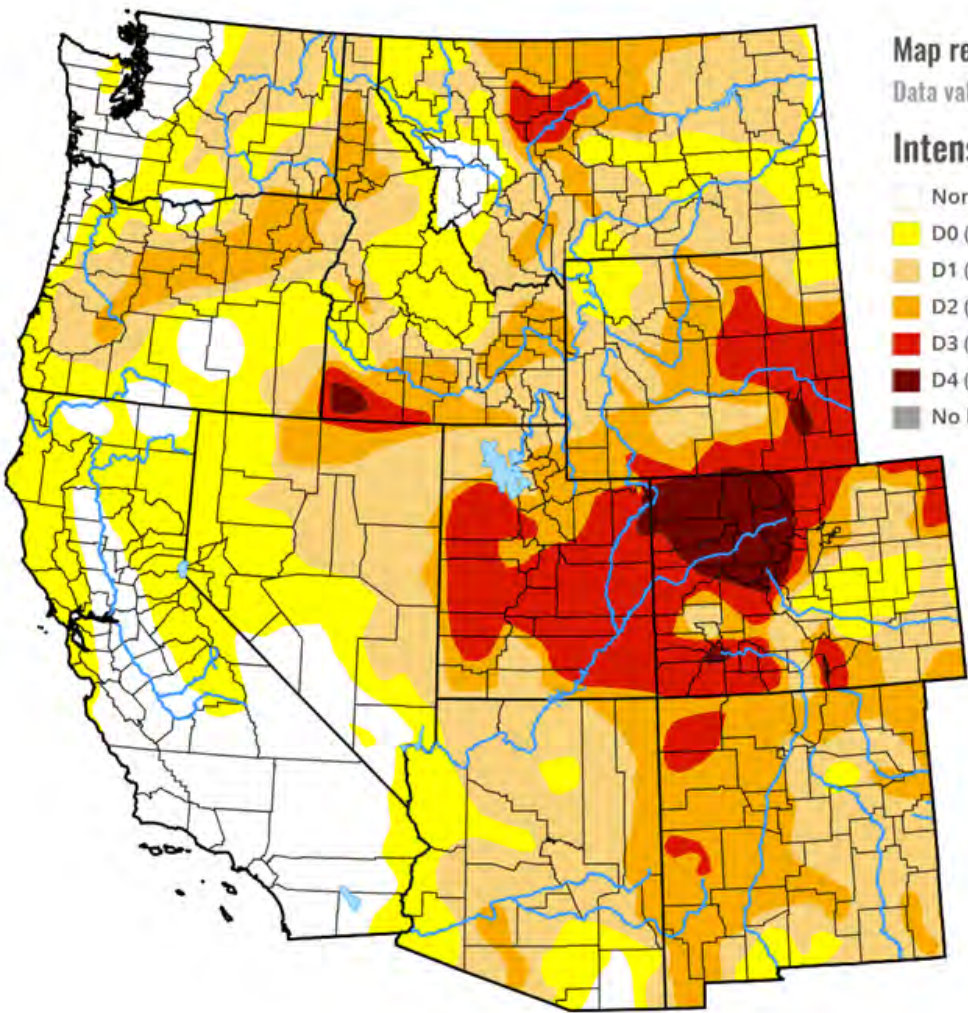




Utah Water Conditions Update

April 7, 2026

Drought Condition Summary

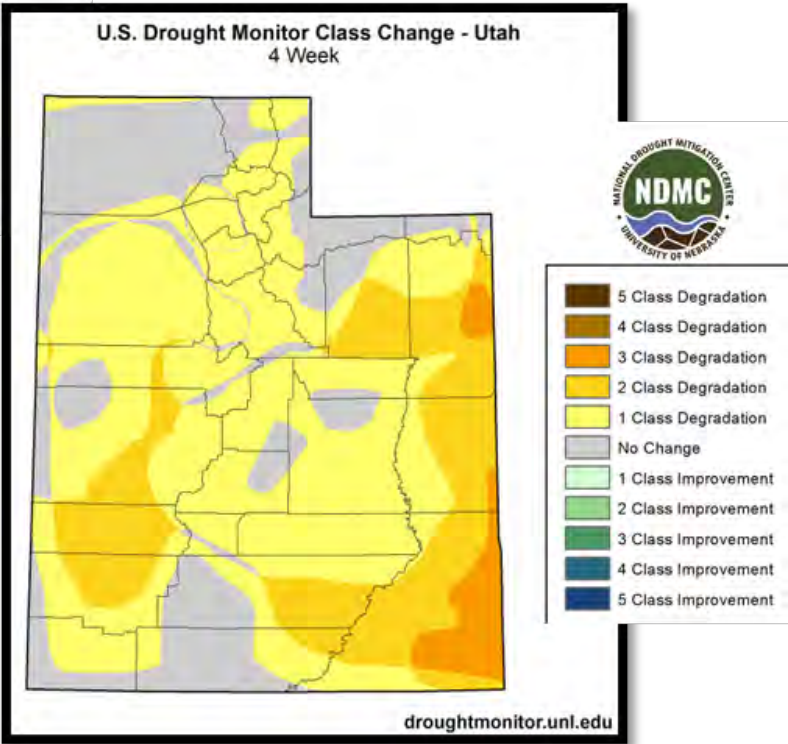


Map released: Thurs. April 2, 2026

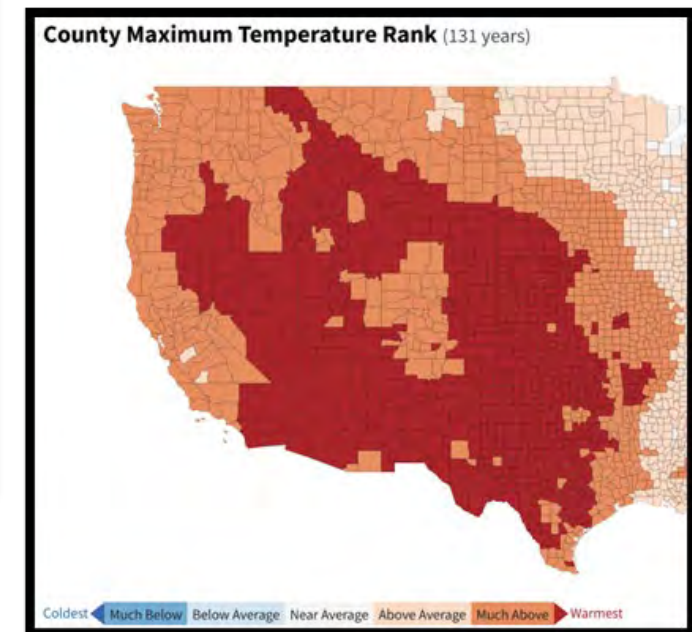
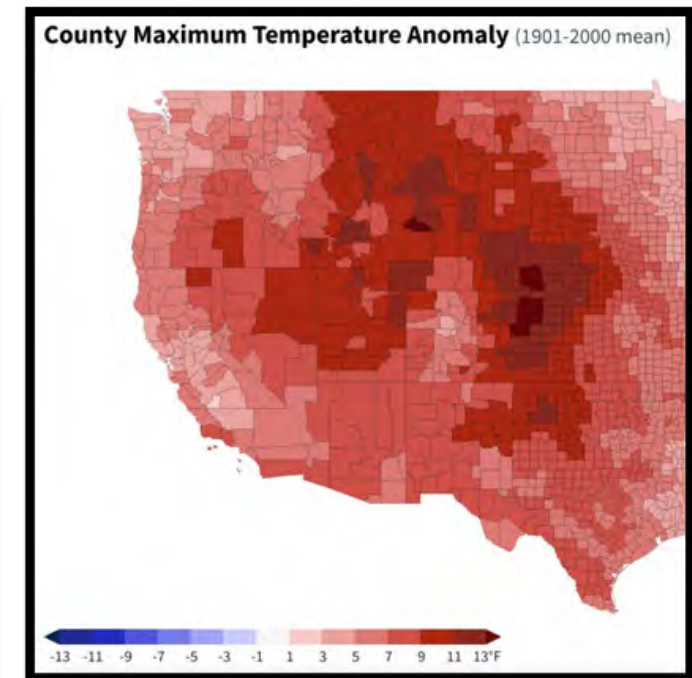
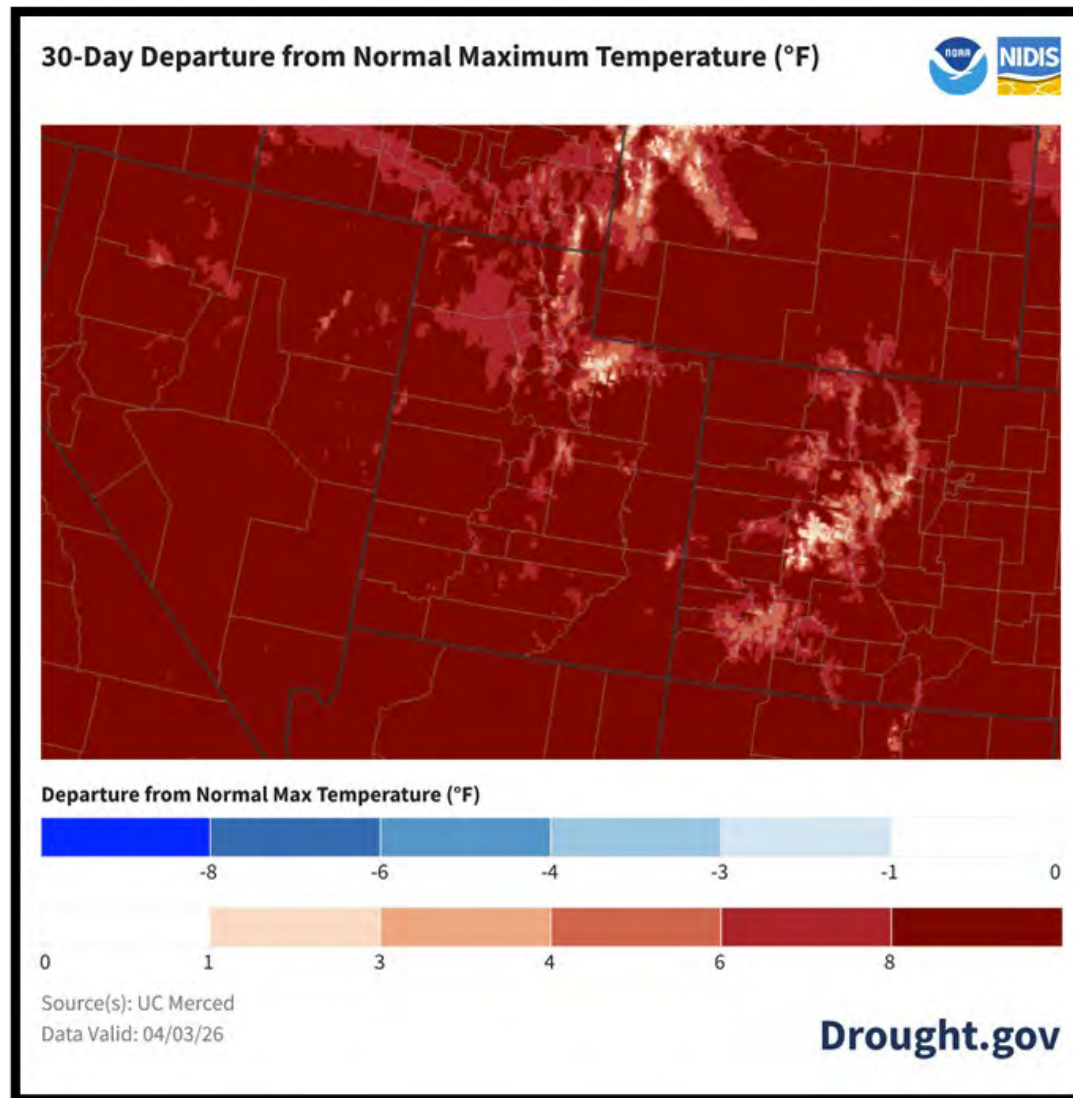
Data valid: March 31, 2026 at 8 a.m. EDT

Intensity

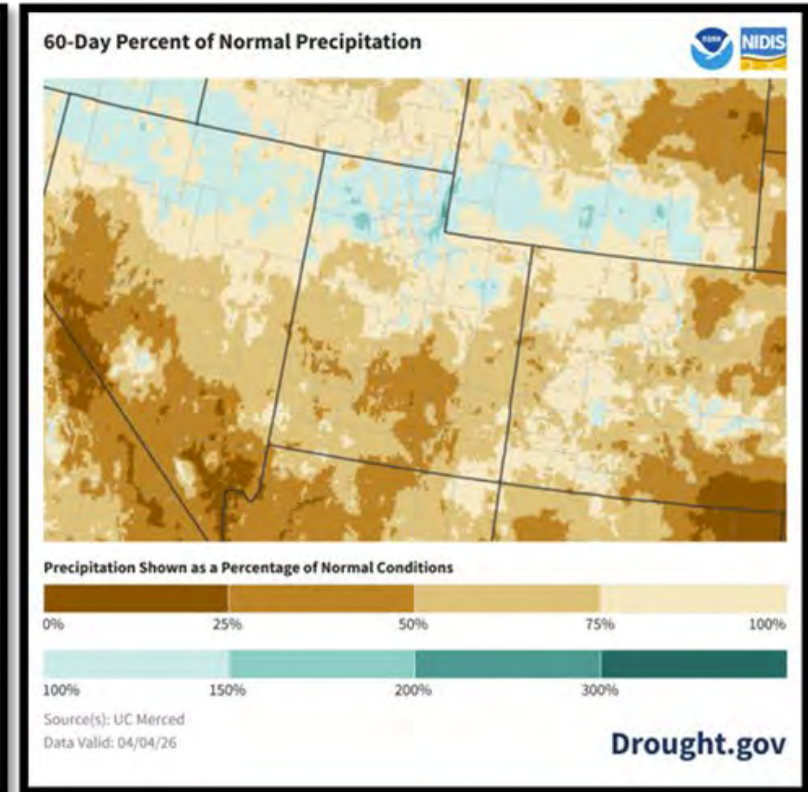
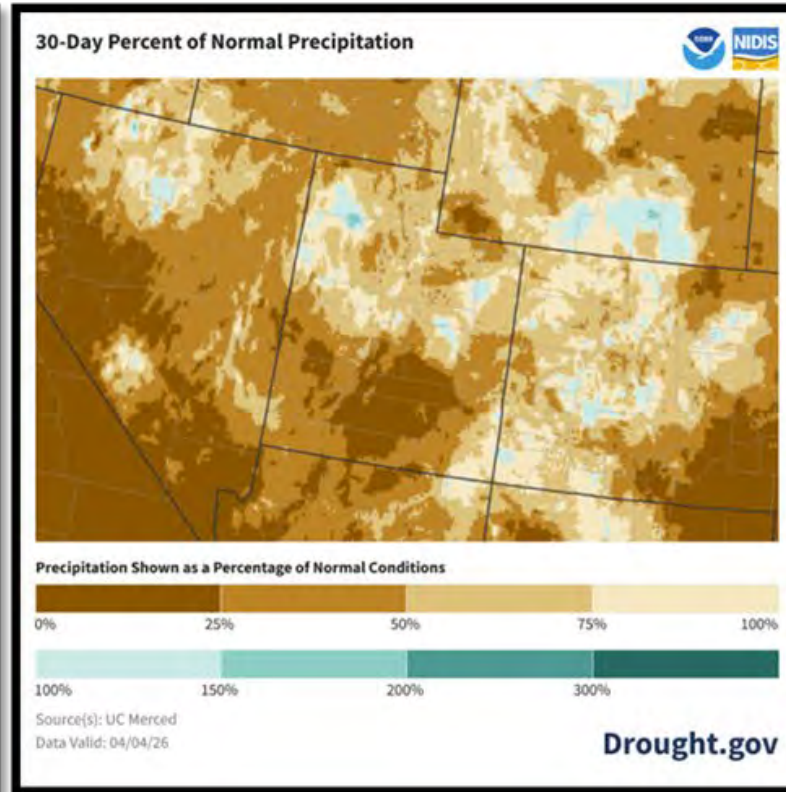
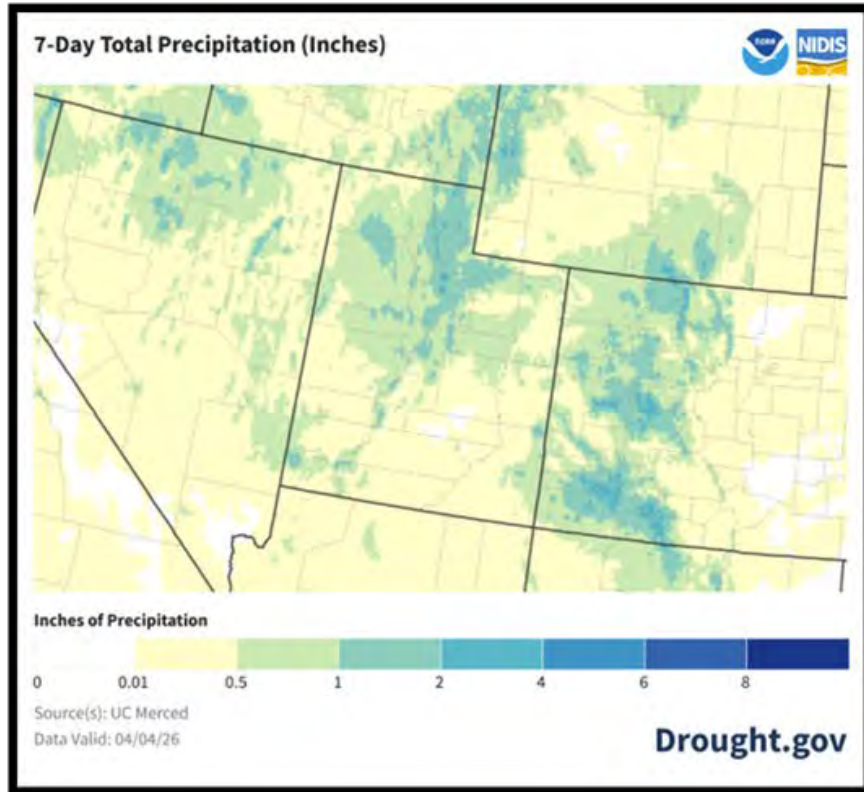
- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data



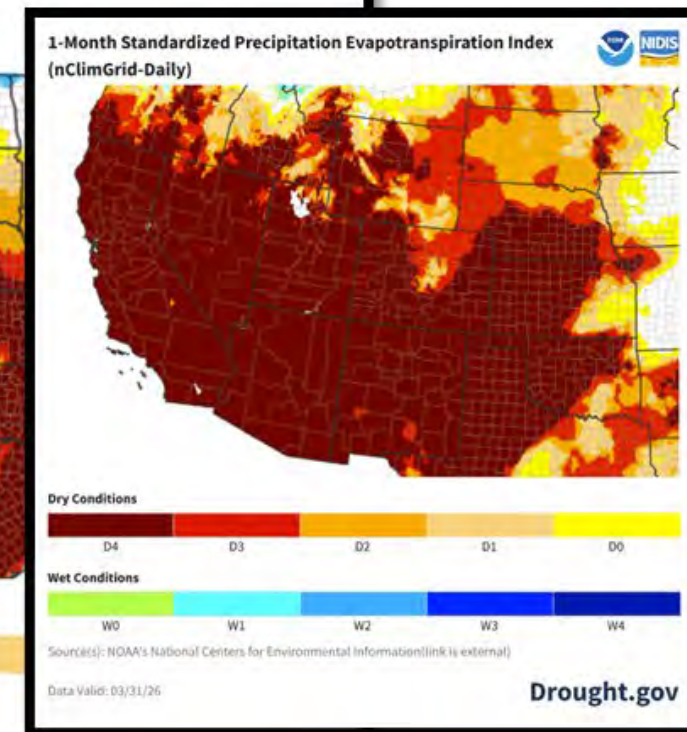
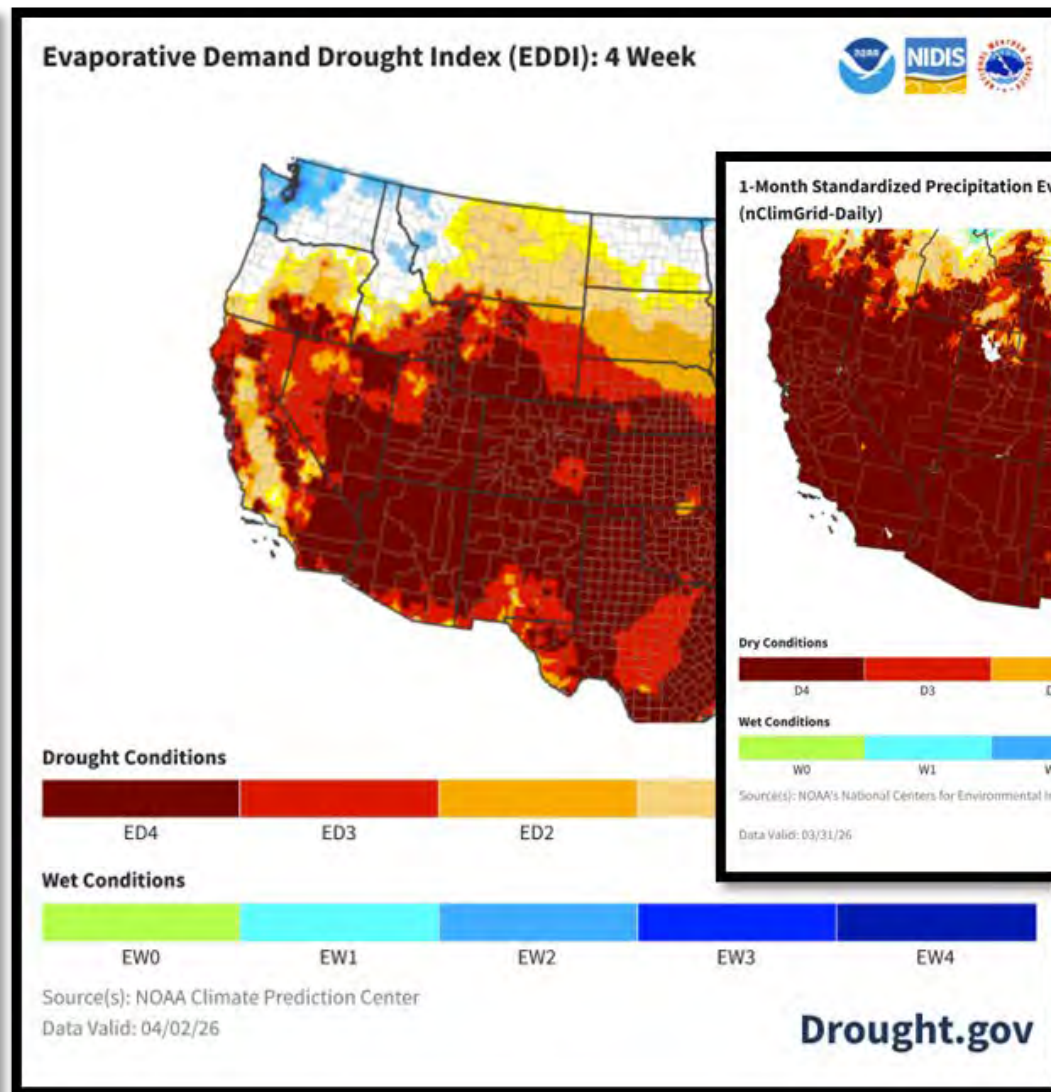
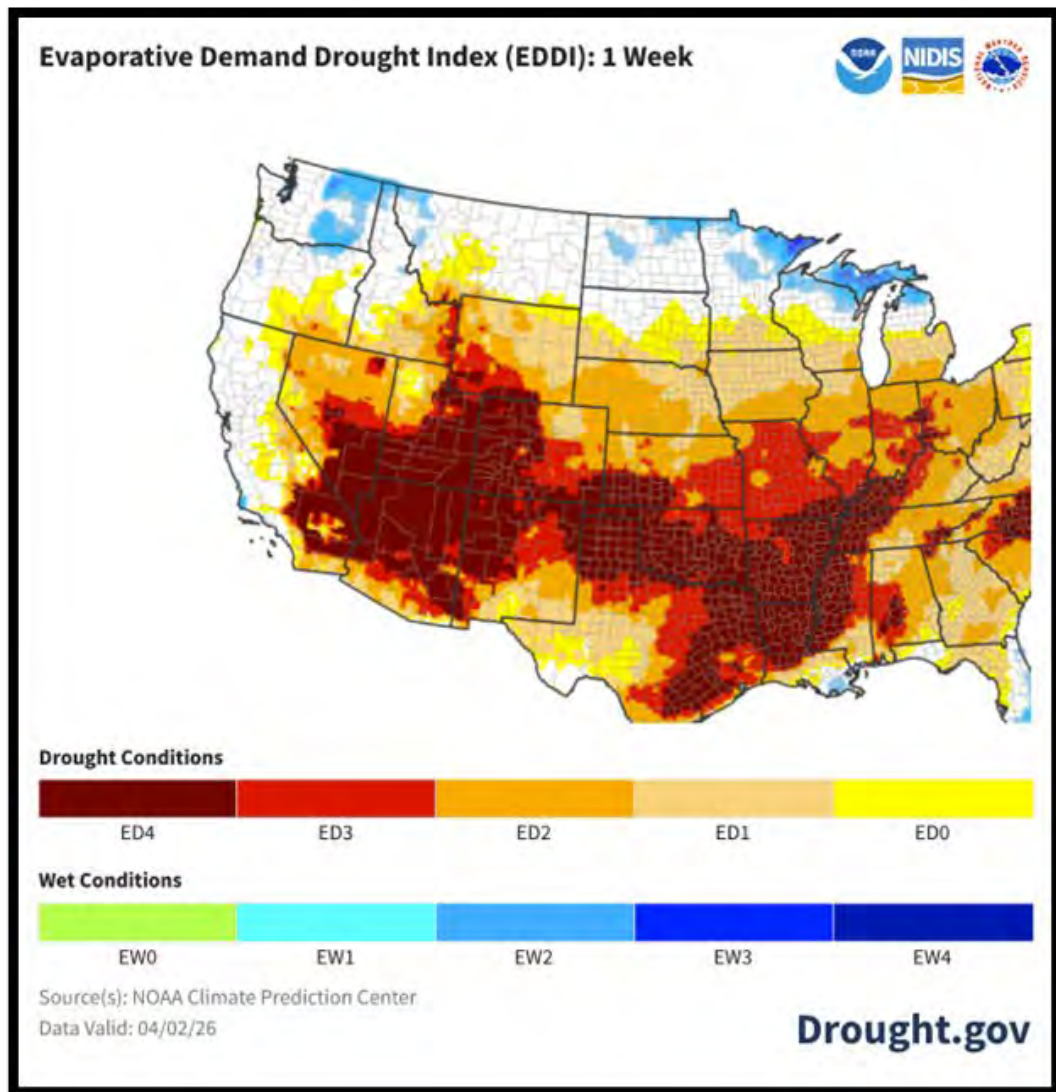
Temperature Summary



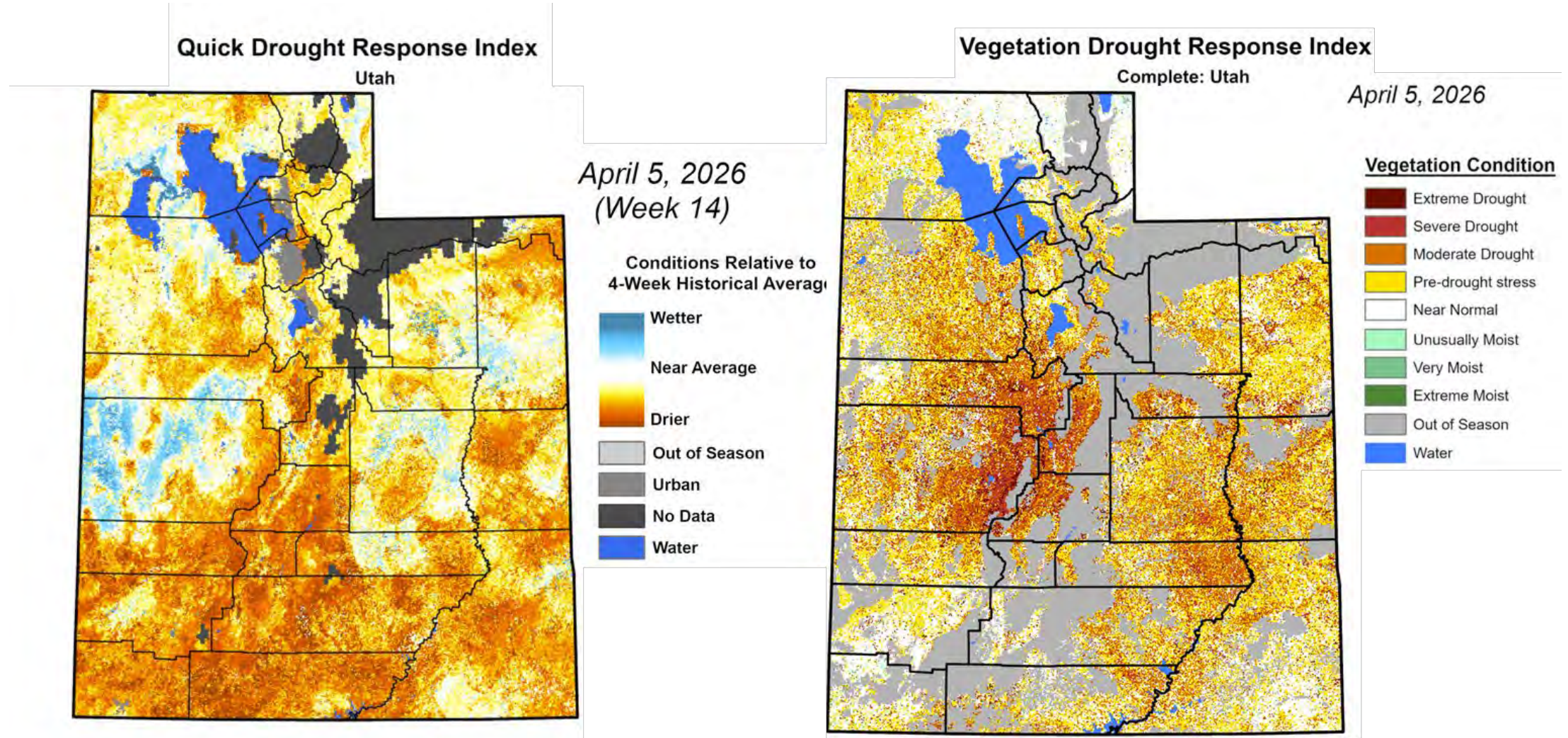
Precipitation Summary



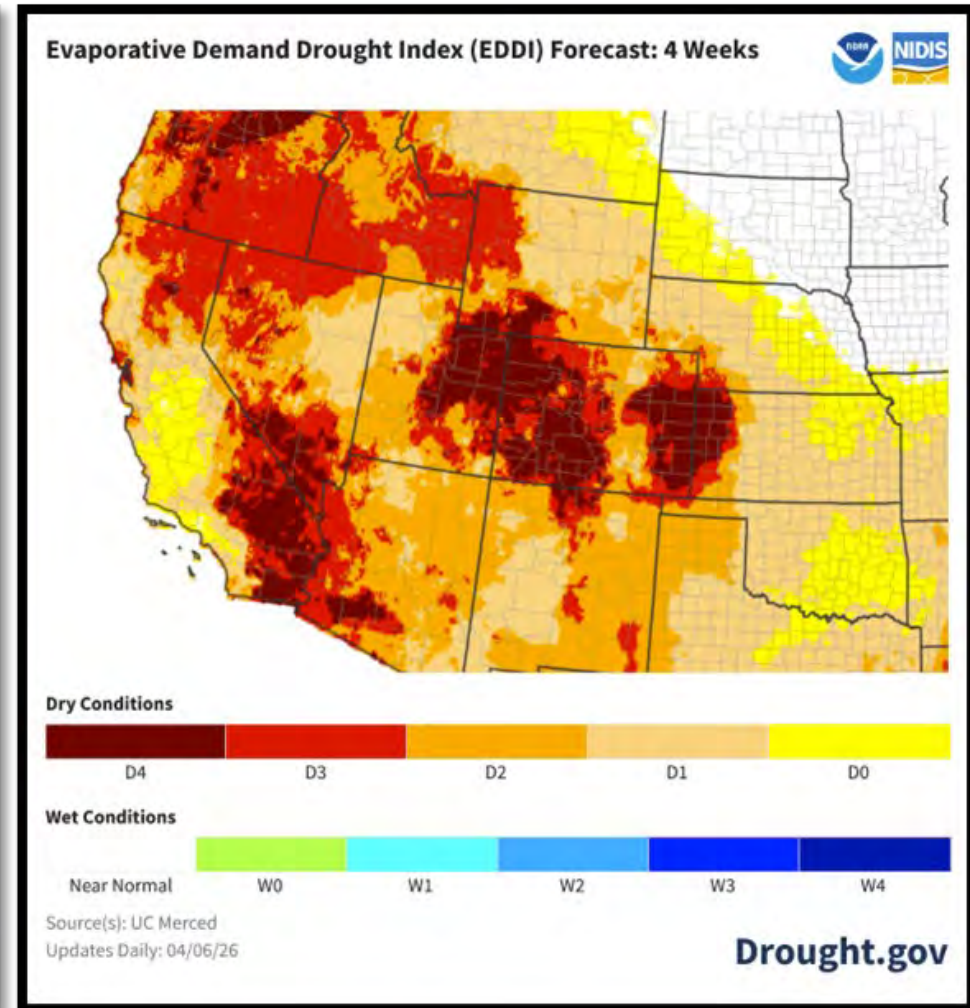
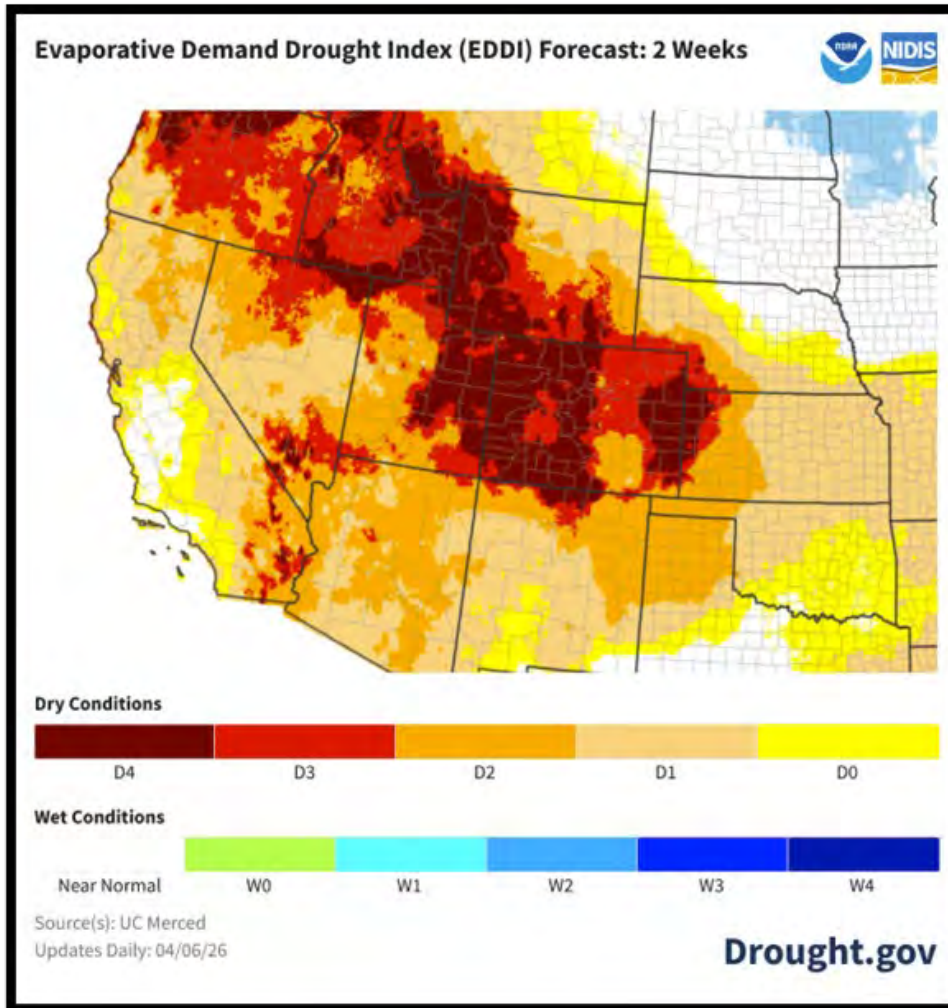
Recent Evaporative Demand



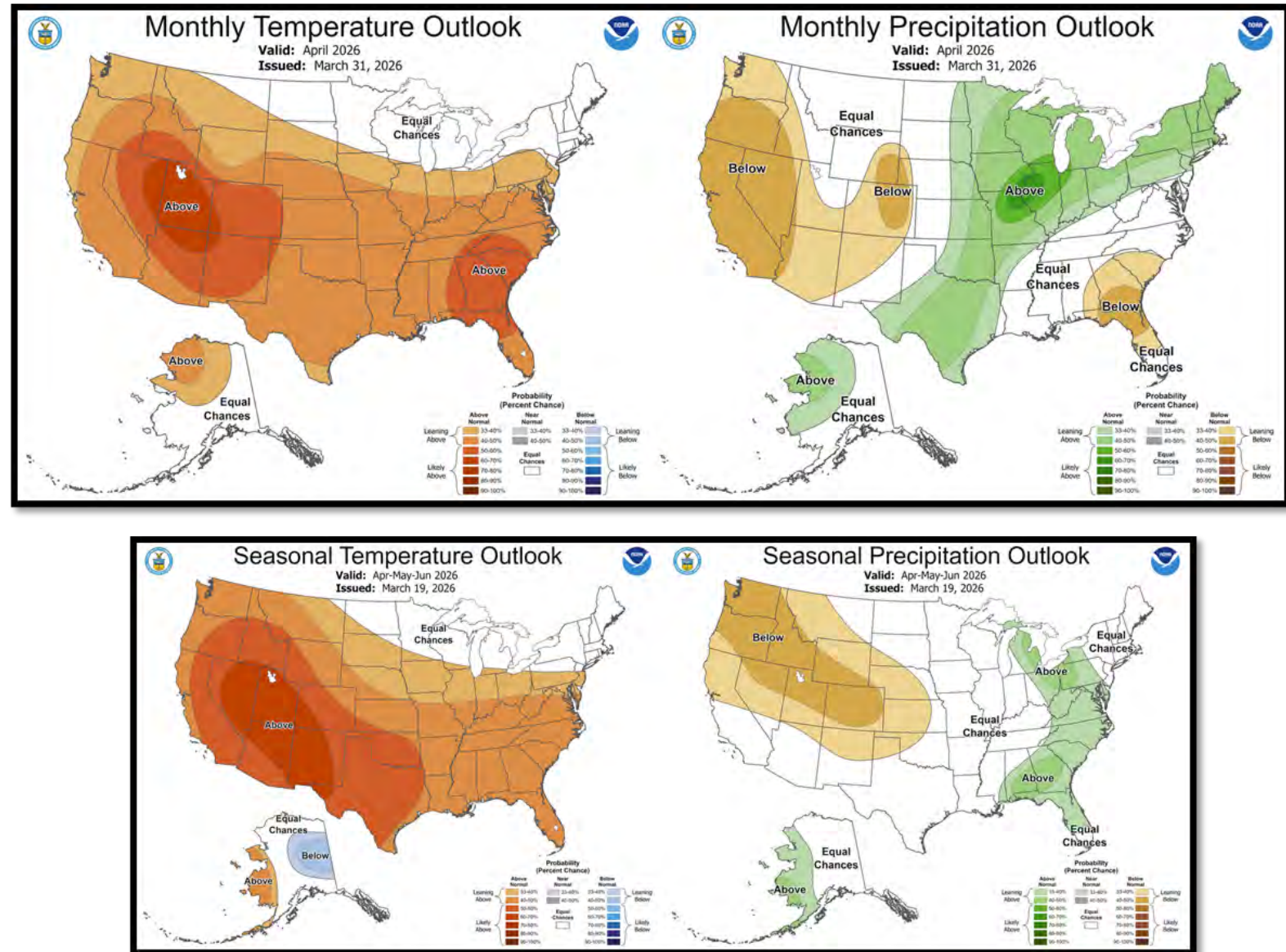
Drought Metrics



EDDI Outlook



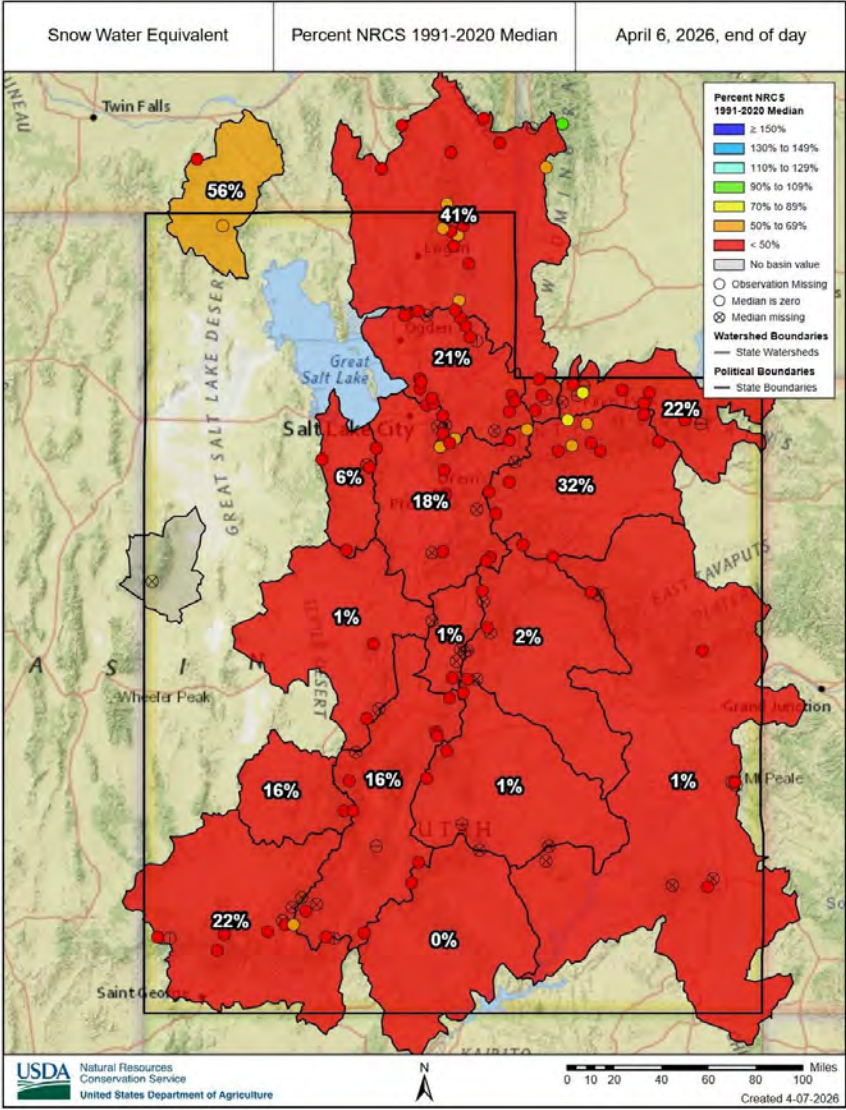
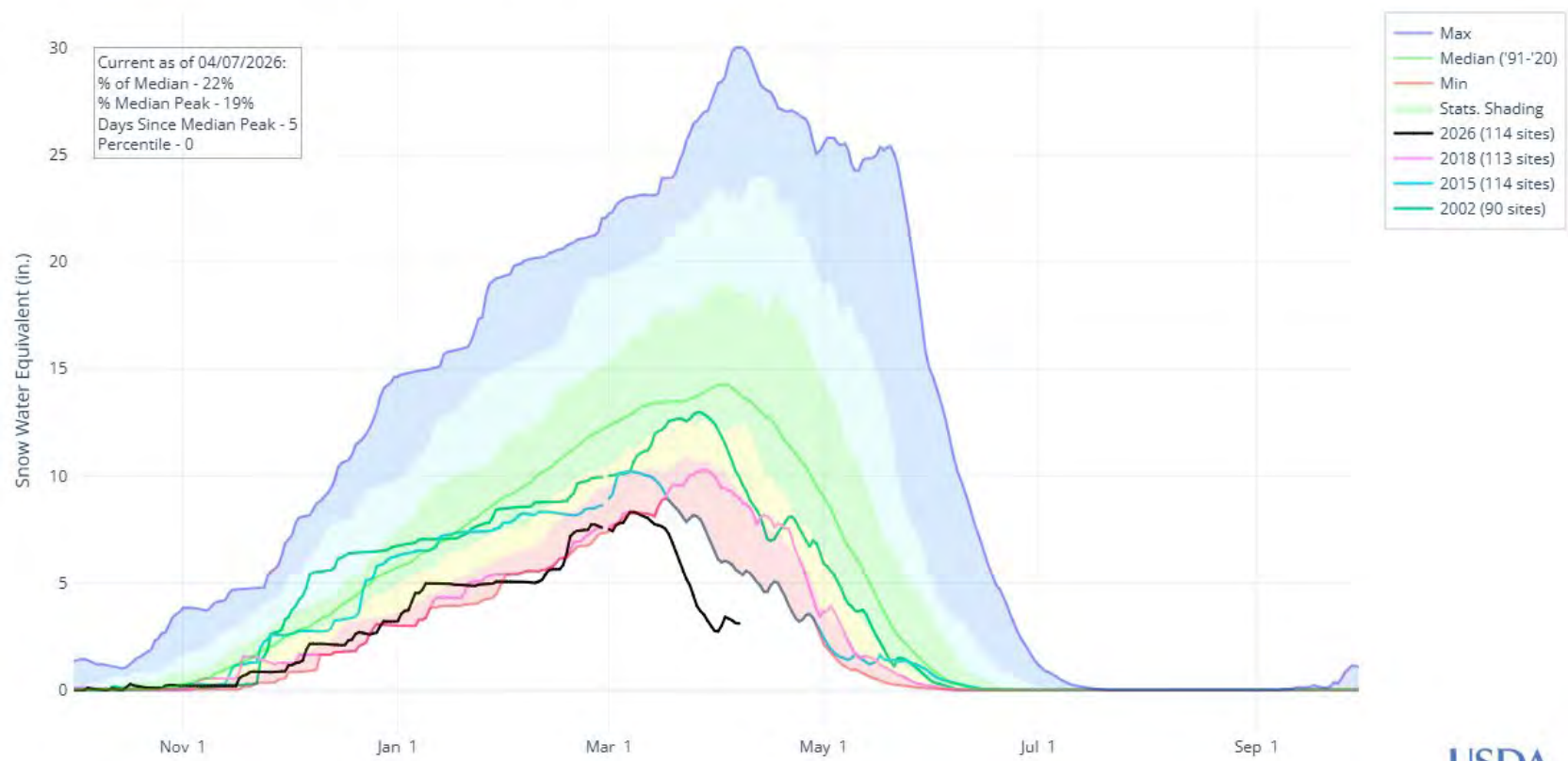
Climate Prediction Center Monthly and Seasonal Outlook



Agency - Utah Climate Center
Presenter - Jon Meyer

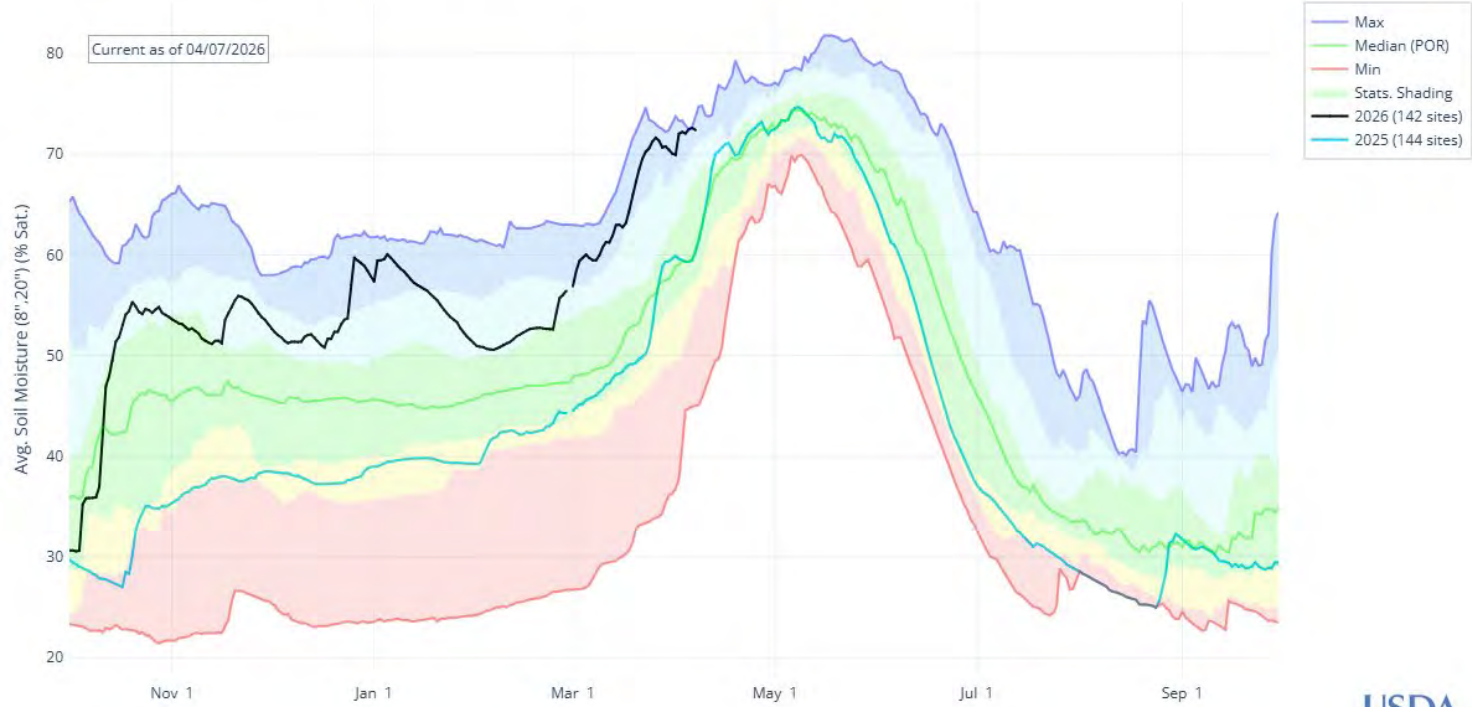
Snowpack

SNOW WATER EQUIVALENT IN STATE OF UTAH

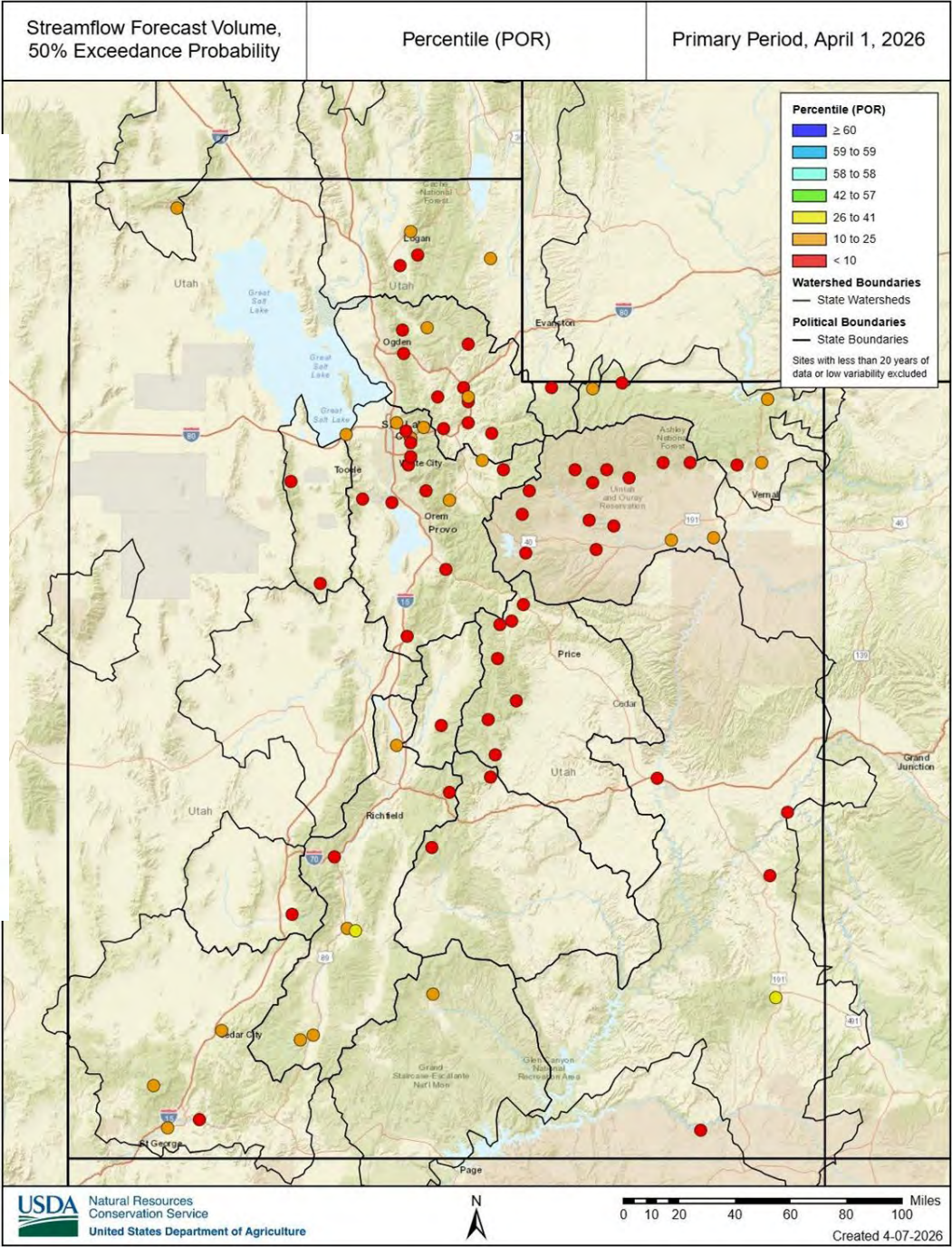


Soil Moisture & Snowmelt forecasts

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



Agency - NRCS Snow Survey
Presenter - Jordan Clayton

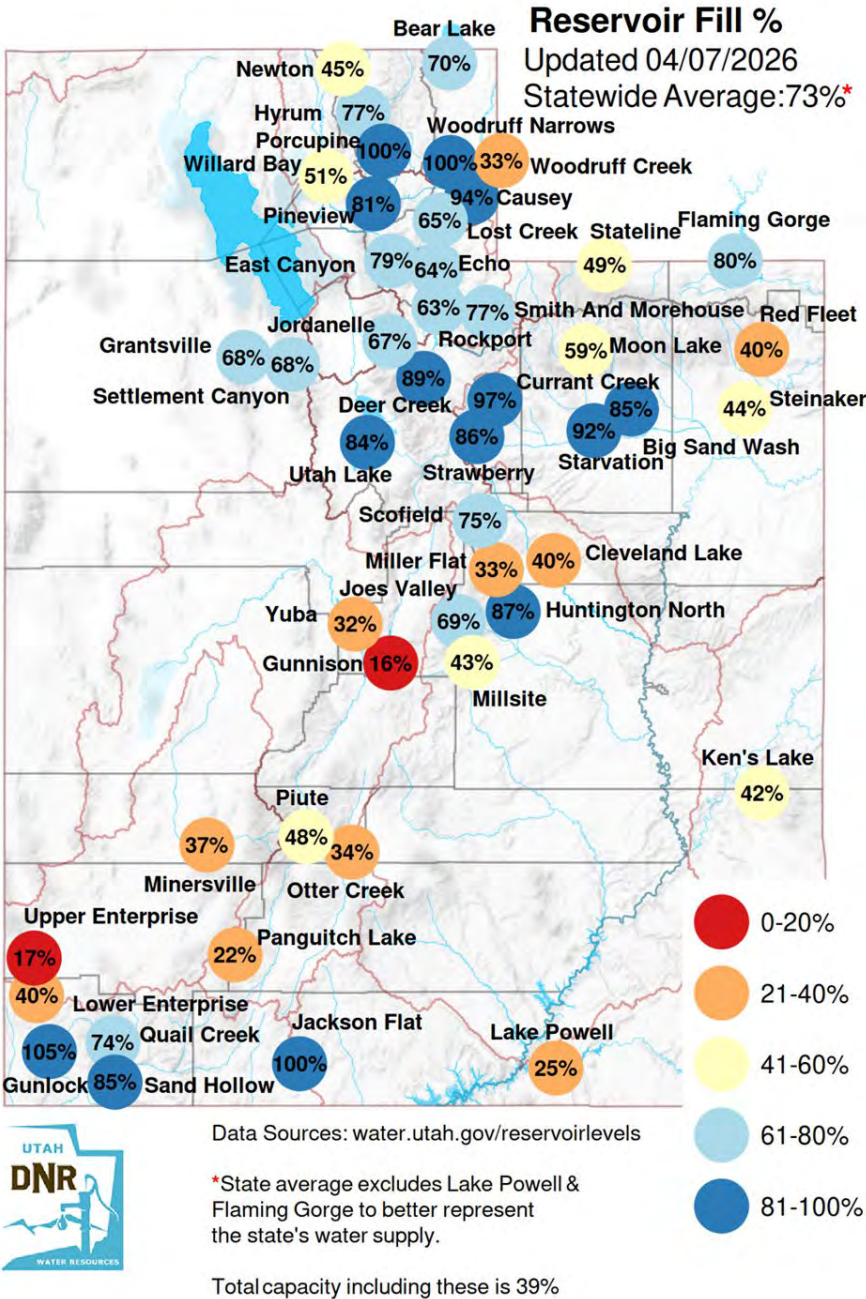


Statewide Reservoirs

Statewide reservoir storage is 73%

5% higher than two weeks ago

14% below last year



Reservoir Storage

System storage: 78% full

(Excluding Powell, Flaming Gorge, Fontenelle)

~3.4% higher than last month (75%)

~10% lower than last year (~88%)

~2% higher than the 22-year average (~75%)

Basin storage: 43-83% full

Price/San Rafael, Duchesne, Upper Green > med.

Bear, Weber, Provo < median

Reservoir storage: 23-96% full

14/30 > 30-year median

centered ~50th percentile

Outlook

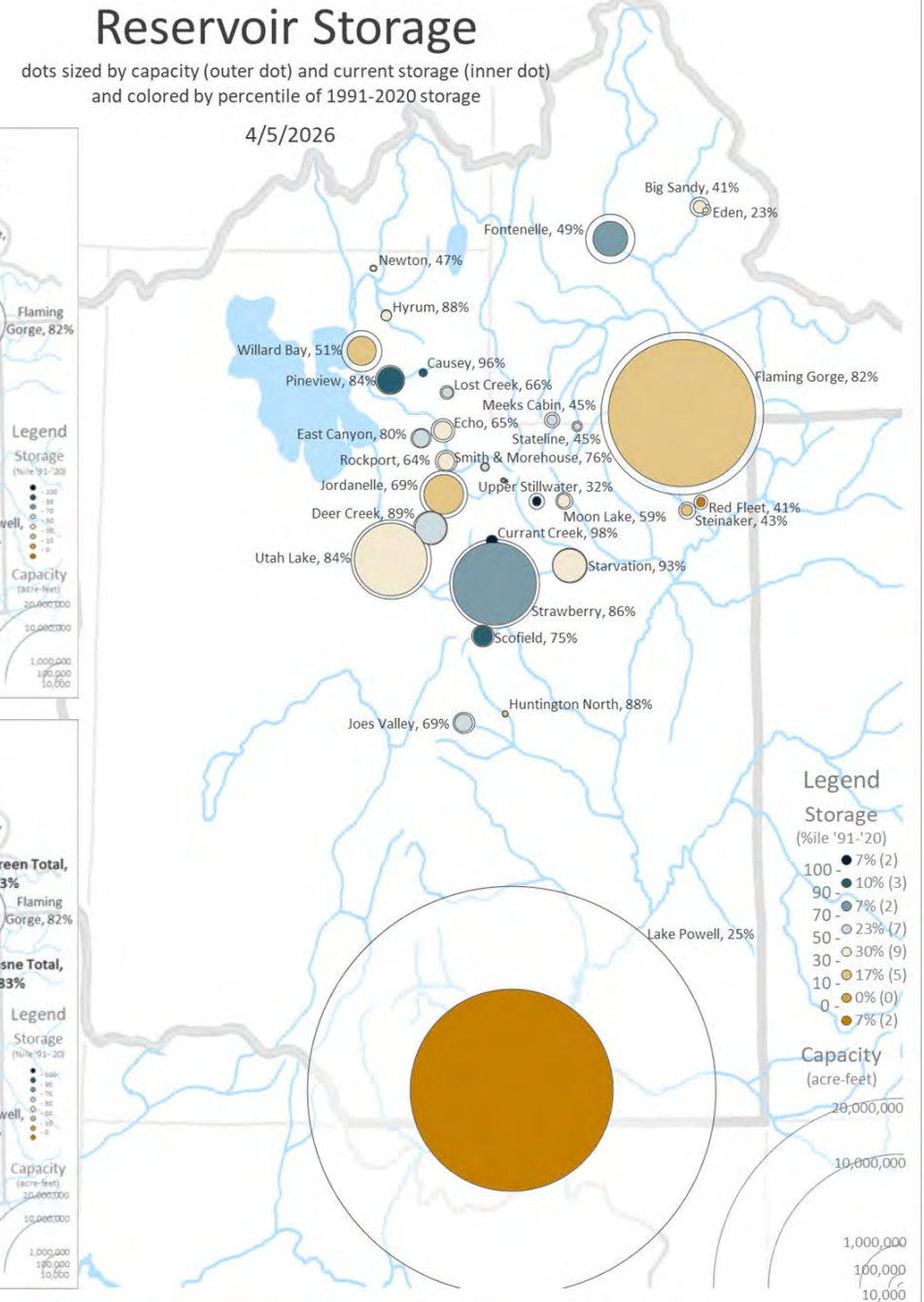
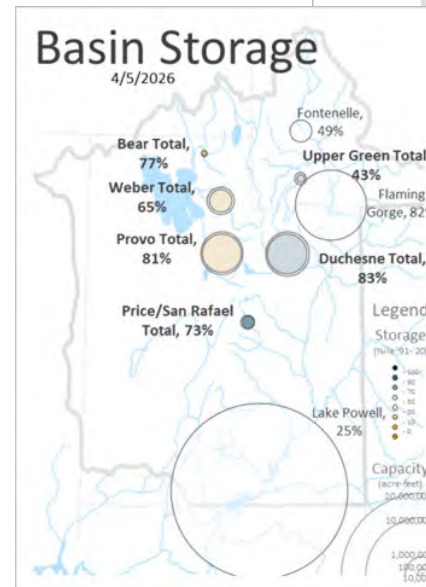
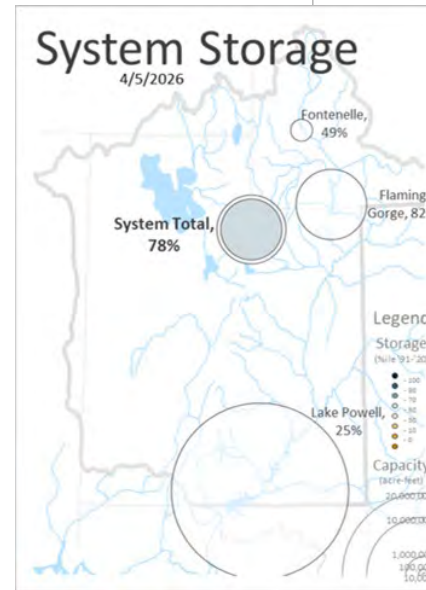
storage increasing

early runoff

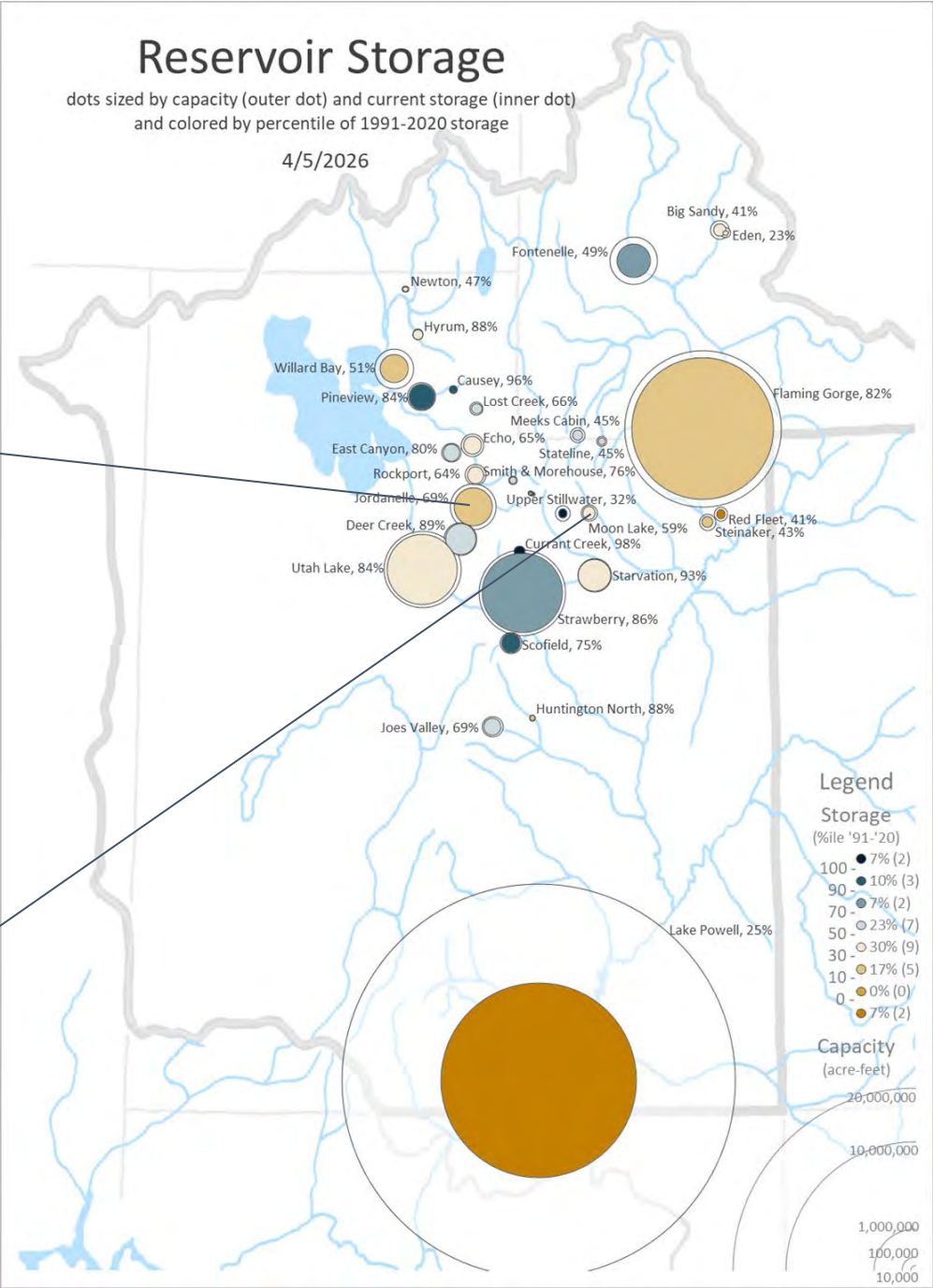
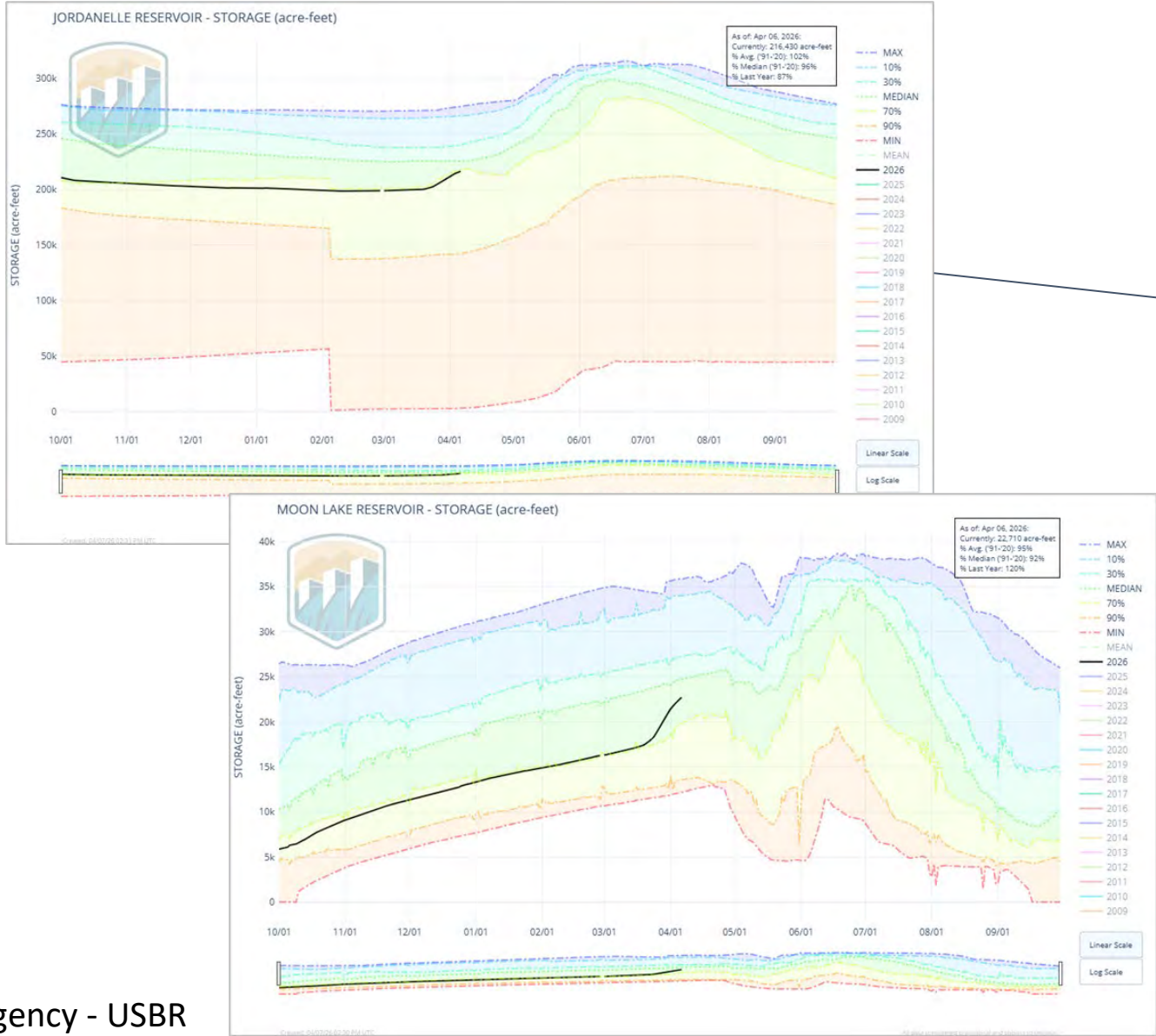
unlikely fill

Agency - USBR

Presenter - Gary Henrie



Reservoir Storage



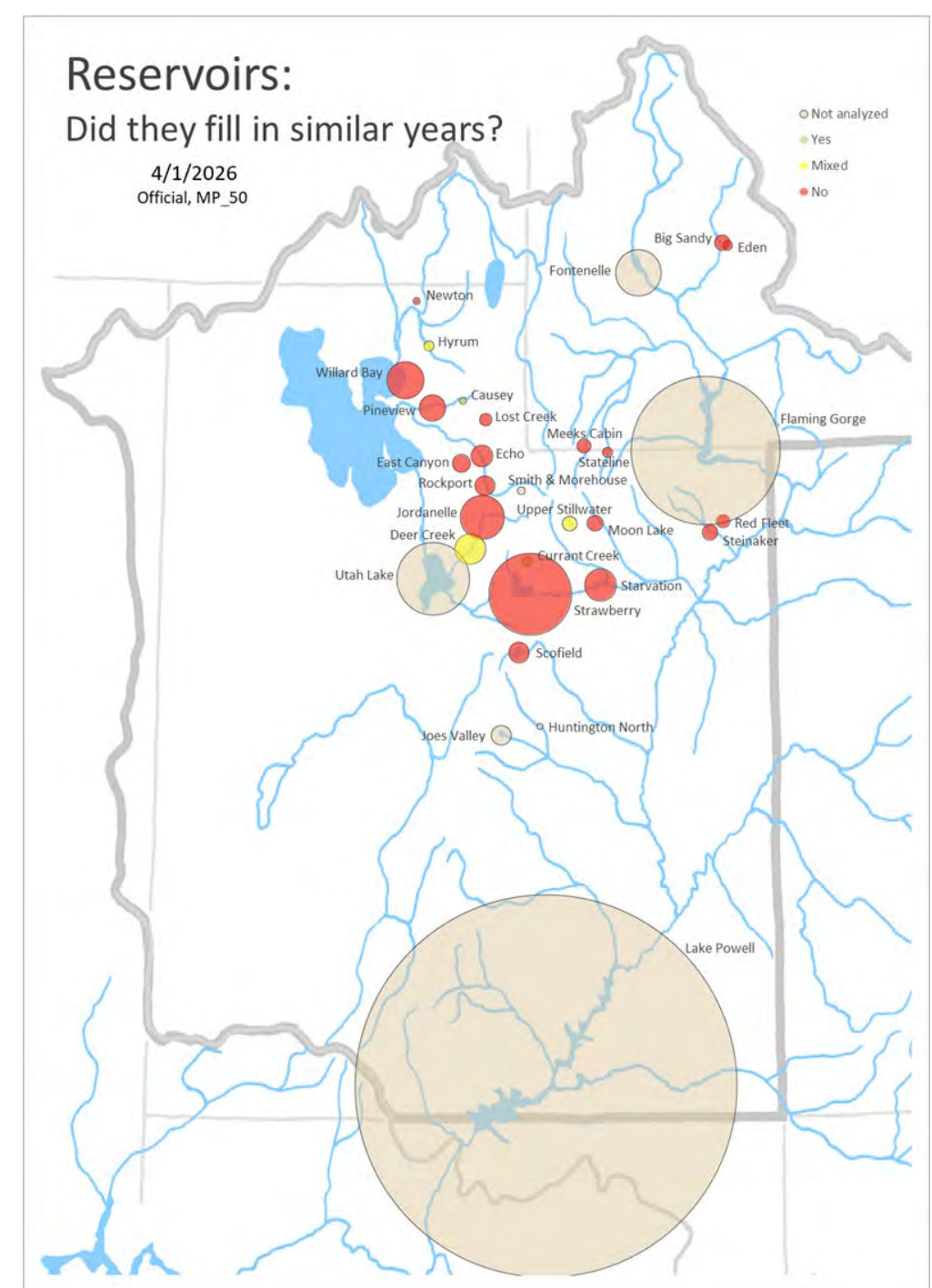
Reservoir Storage

How do our current reservoir and runoff conditions compare to past years?

Reservoir empty space vs runoff forecast

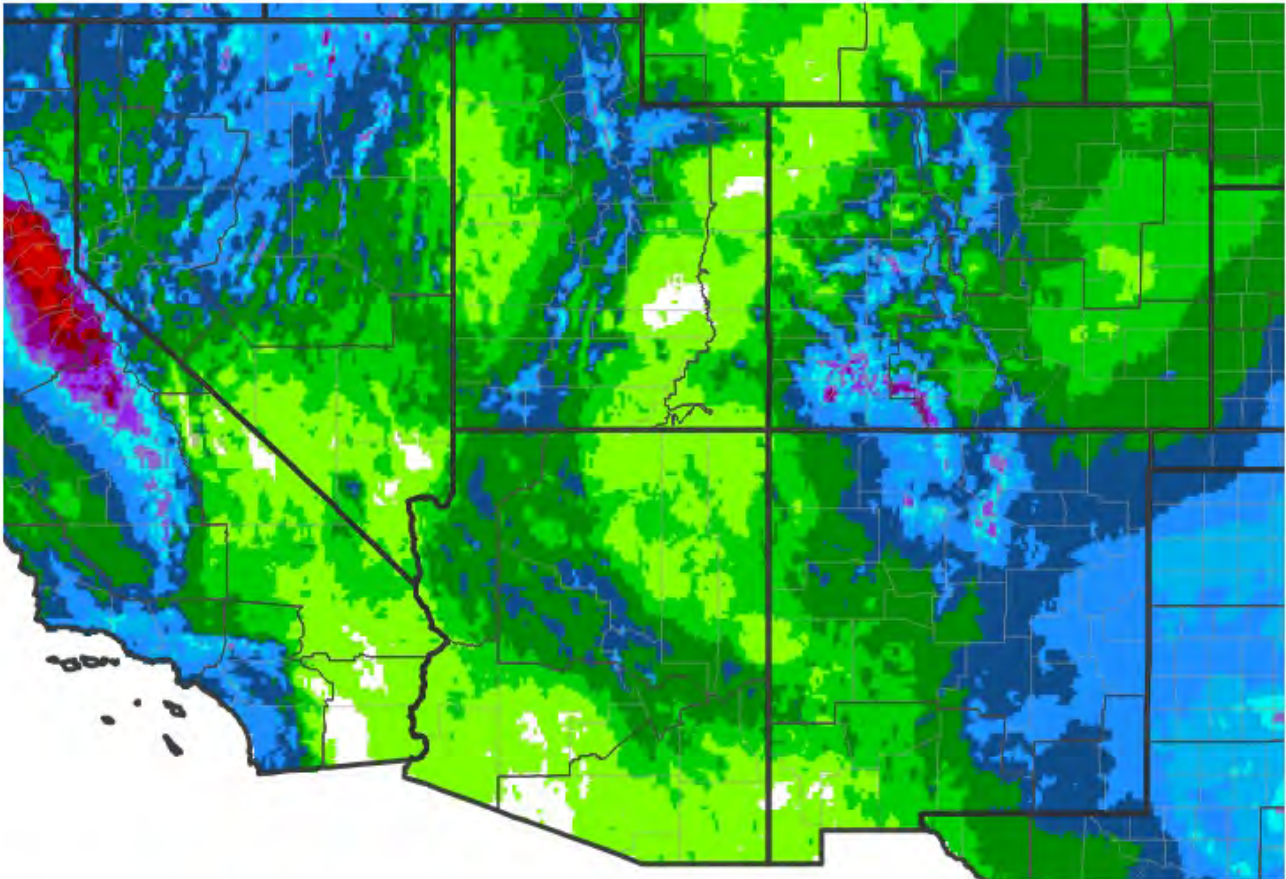
Current conditions vs past years and did the reservoirs fill in past similar years?

- Green = yes
- Yellow = some did/didn't
- Red = no



Day 1-7 Outlook

7-Day Quantitative Precipitation Forecast for April 7, 2026-April 14, 2026



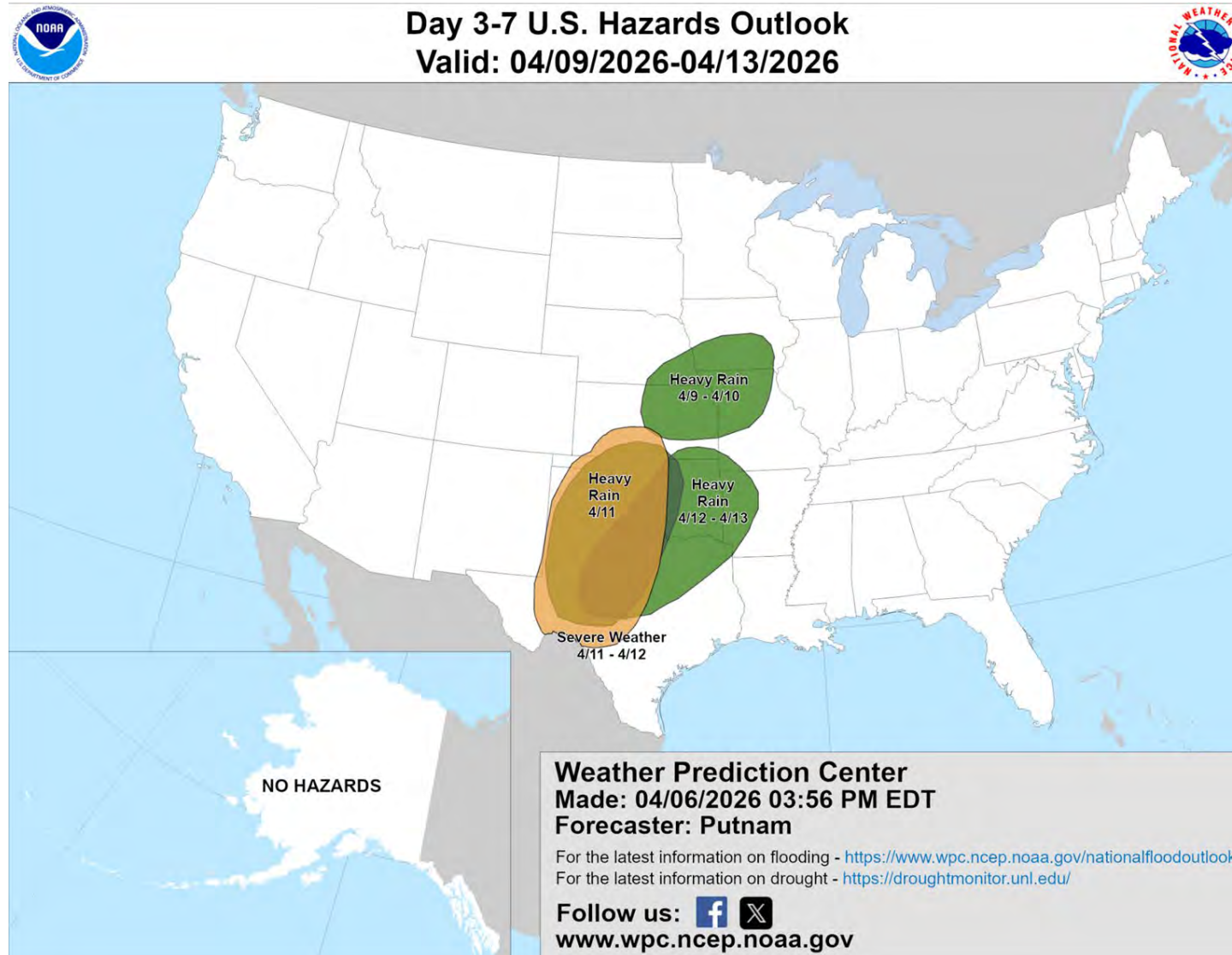
Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov

Last Updated: 04/07/26

Day 3-7 Hazards

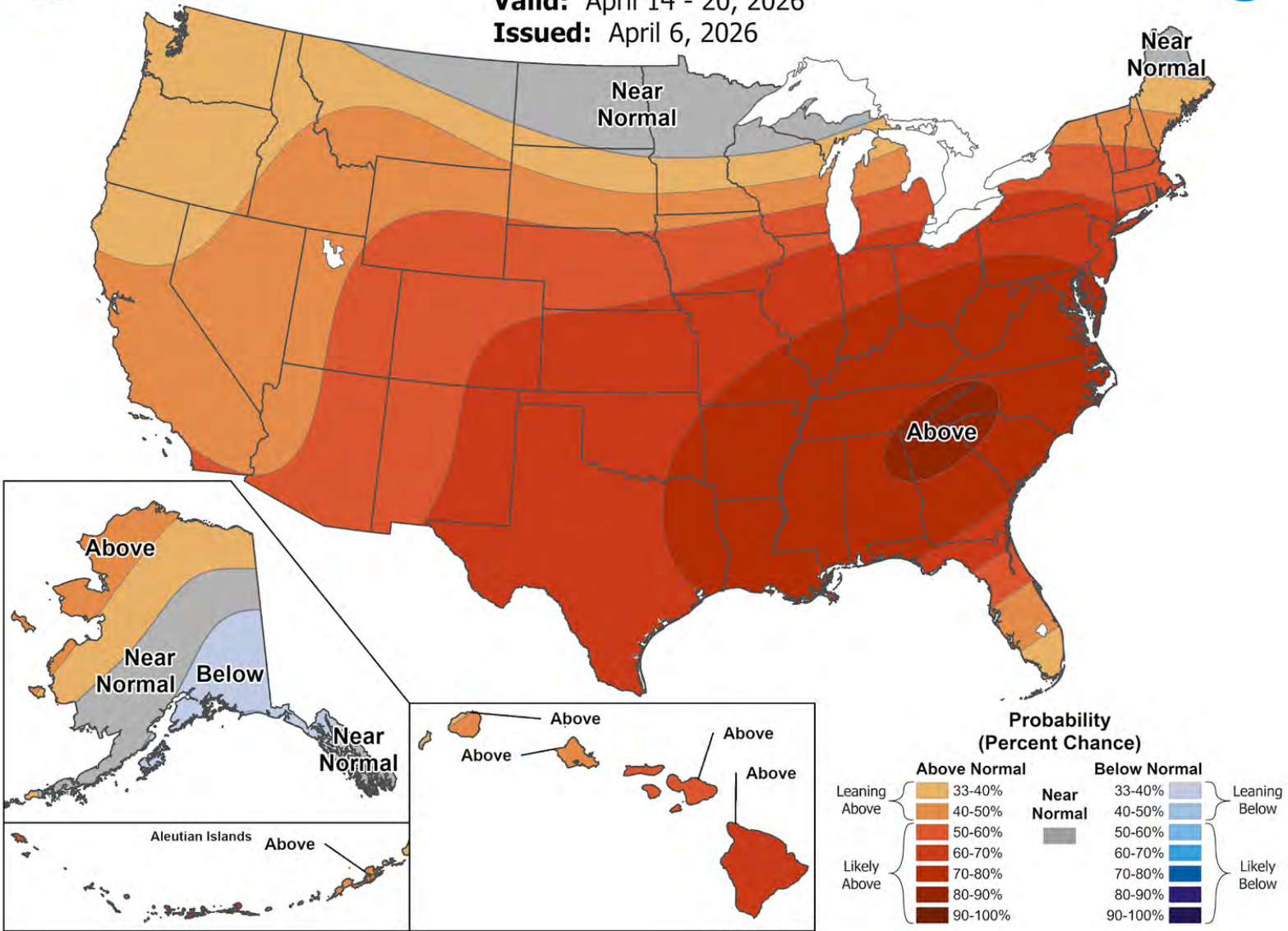


8 to 14 Day Outlooks - Temperature



8-14 Day Temperature Outlook

Valid: April 14 - 20, 2026
Issued: April 6, 2026

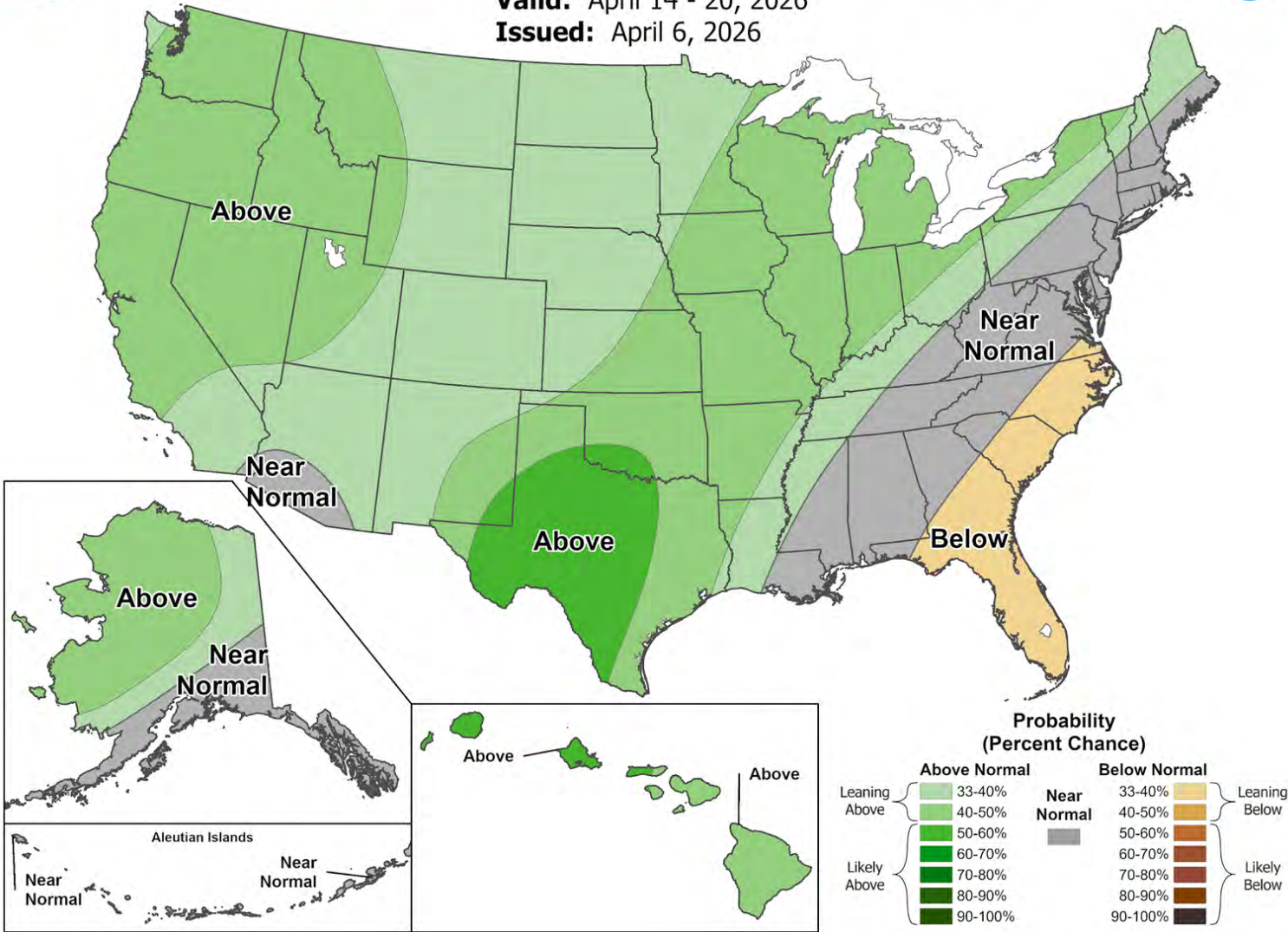


8 to 14 Day Outlooks - Precipitation

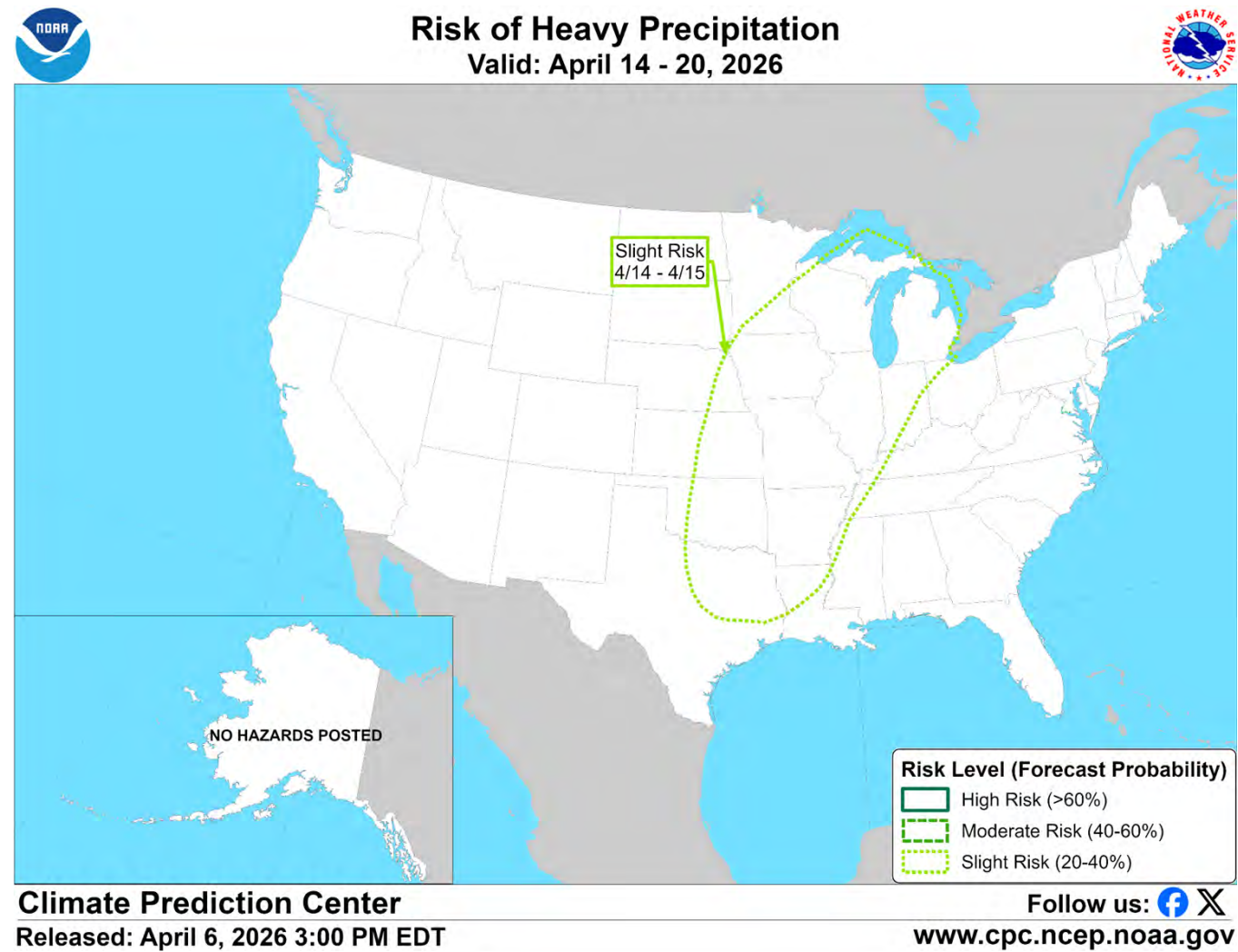


8-14 Day Precipitation Outlook

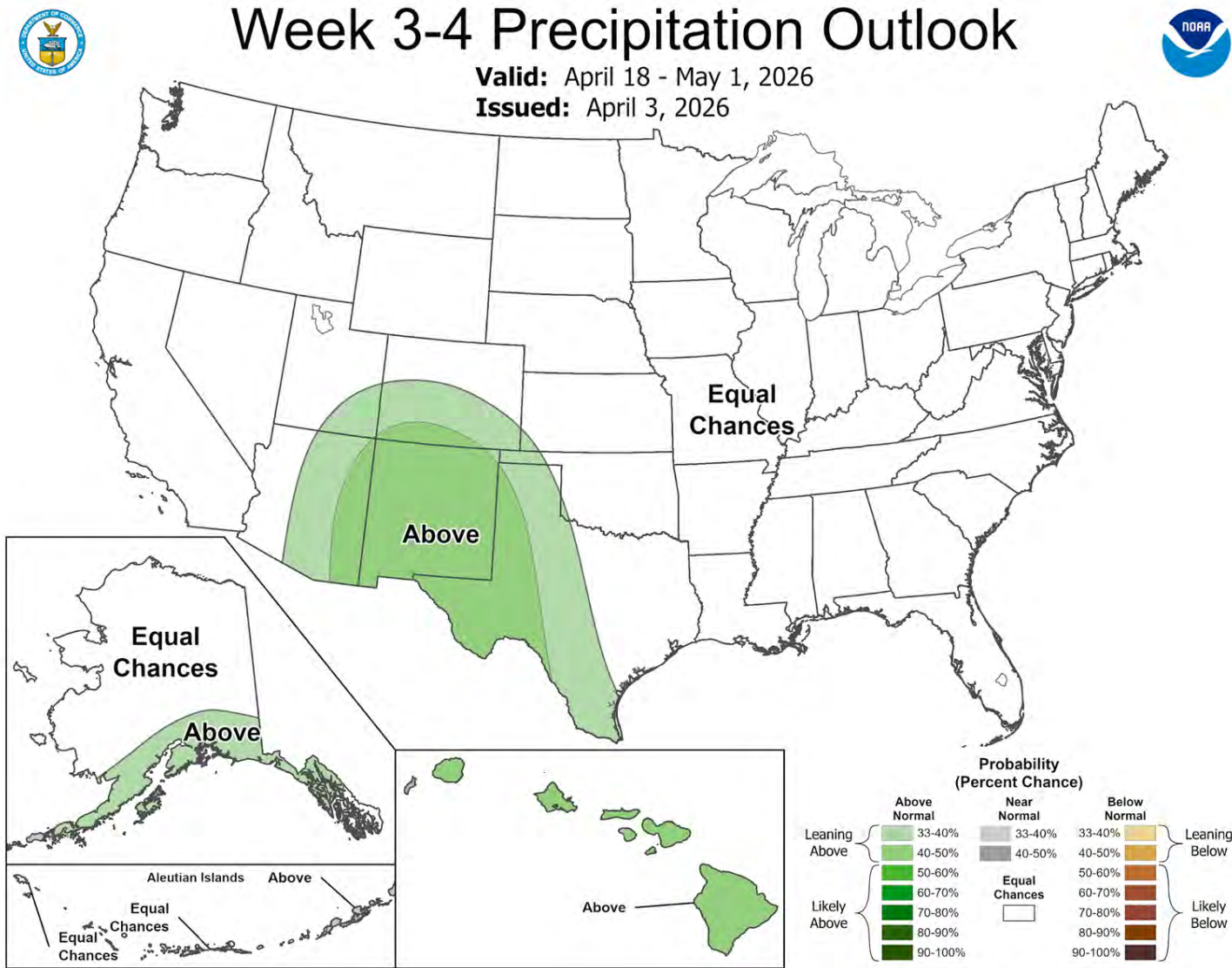
Valid: April 14 - 20, 2026
Issued: April 6, 2026



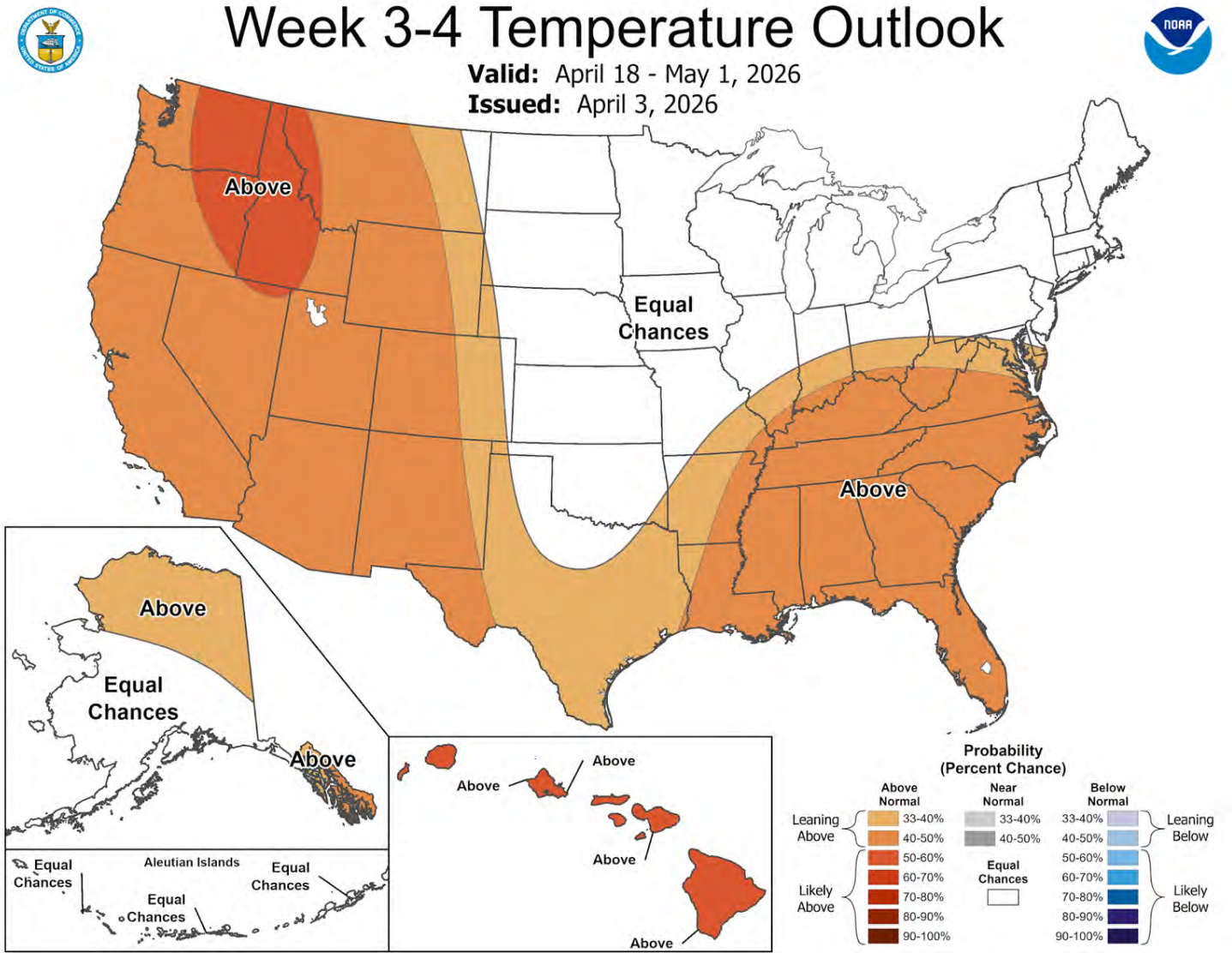
U.S. Week-2 Hazards Outlook

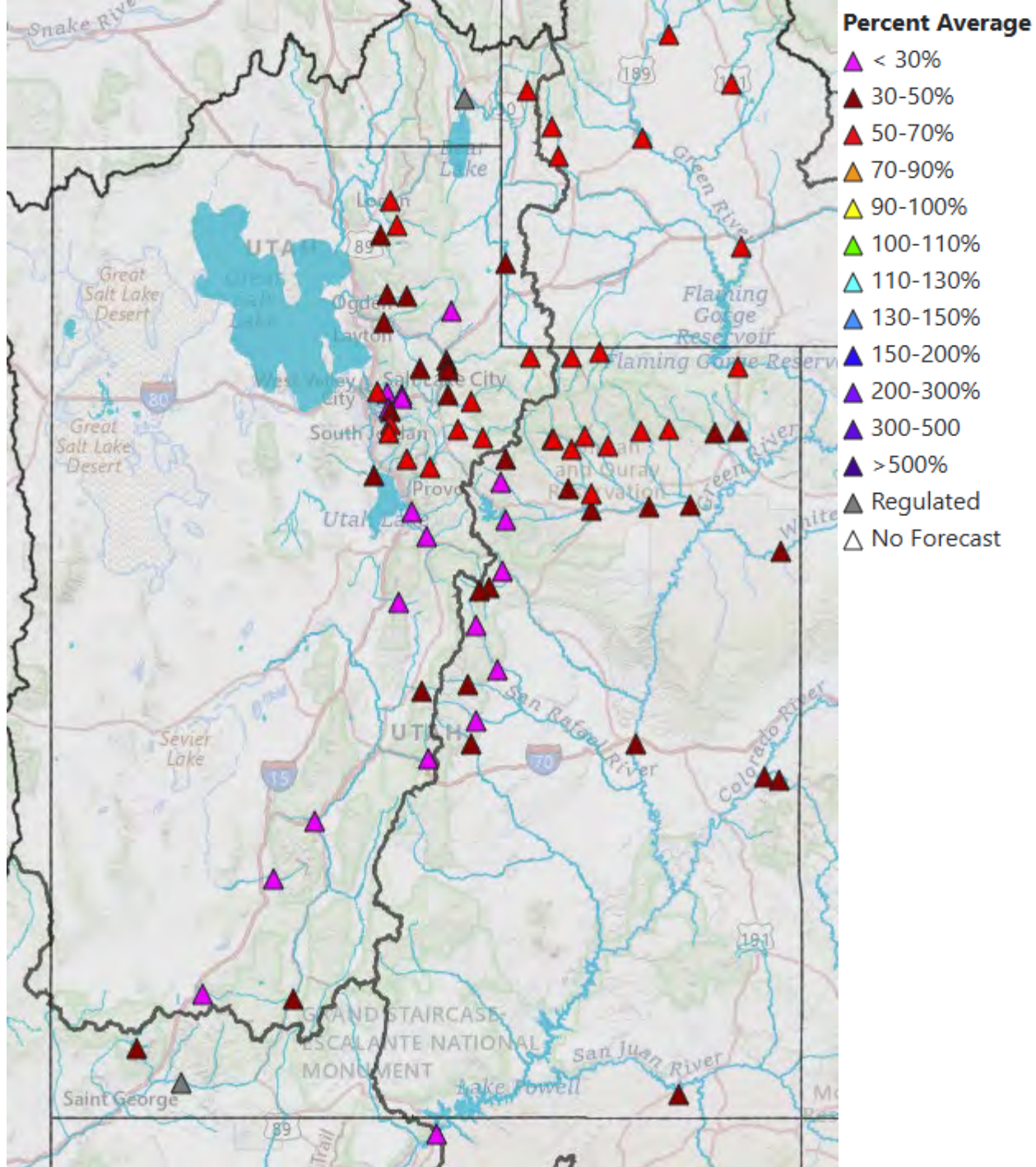


3-4 Week Outlook



3-4 Week Outlook

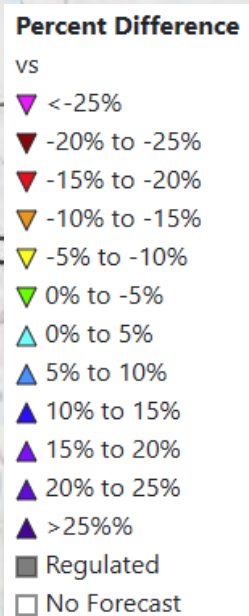




Hot and dry conditions in March have led to a further decline in runoff forecasts.

Forecasts range from 13% (San Rafael - Dirty Devil) to 63% (Blacksmith Fork) 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	Avg	Pct Avg
6	Great	Bear	Bear	CBRFC	SLC	UT	HRMU1	Blacksmith Fork	Hyrum; Nr; Upnl Dam; Abv	2026-04-07	Apr-Jul	23.0	37.0	63%
5	Great	Bear	Bear	CBRFC	SLC	UT	LGNU1	Logan	Logan; Nr; State Dam; Abv	2026-04-07	Apr-Jul	67.0	106	63%
35	Great	Six Creeks	Six Creeks-Jordan	CBRFC	SLC	UT	LCTU1	Little Cottonwood Ck	Salt Lake City; Nr	2026-04-07	Apr-Jul	22.0	34.0	63%
29	Green	Duchesne	Duchesne-Price	CBRFC	SLC	UT	USTU1	Rock Ck	Upper Stillwater Reservoir	2026-04-07	Apr-Jul	44.0	72.0	61%
31	Green	Duchesne	Duchesne-Price	CBRFC	SLC	UT	ROKU1	Rock Ck	Mountain Home; Nr	2026-04-07	Apr-Jul	53.0	87.0	60%
18	Great	Utah Lake	Provo-Utah Lake	CBRFC	SLC	UT	WOOU1	Provo	Woodland; Nr	2026-04-07	Apr-Jul	57.0	96.0	60%
19	Great	Utah Lake	Provo-Utah Lake	CBRFC	SLC	UT	PVHU1	Provo	Hailstone; Nr	2026-04-07	Apr-Jul	62.0	106	58%
8	Green	Upper	Upper Green	CBRFC	SLC	UT	BNRU1	Blacks Fork	Robertson; Nr	2026-04-07	Apr-Jul	49.0	88.0	56%
34	Green	Duchesne	Duchesne-Price	CBRFC	SLC	UT	DADU1	Duchesne	Duchesne; Nr; Knight Div; Abv	2026-04-07	Apr-Jul	105	188	56%
8	Great	Weber	Weber	CBRFC	SLC	UT	OAWU1	Weber	Oakley; Nr	2026-04-07	Apr-Jul	61.0	111	55%



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
31	Great	Six Creeks	Six Creeks-Jordan	CBRFC	SLC	UT	LAMU1	Lambs Ck	Salt Lake City; Nr	2026-04-07	Apr-Jul	1.01	4.30	23%
47	Green	Lower	San Rafael-Dirty Devil	CBRFC	SLC	UT	FRRU1	Ferron Ck	Ferron; Nr	2026-04-07	Apr-Jul	7.40	35.0	21%
32	Great	Six Creeks	Six Creeks-Jordan	CBRFC	SLC	UT	PRLU1	Parleys Ck	Salt Lake City; Nr	2026-04-07	Apr-Jul	2.40	11.5	21%
25	Great	Utah Lake	Provo-Utah Lake	CBRFC	SLC	UT	SZZU1	Salt Ck	Nephi Powerplant Div; Blo	2026-04-07	Apr-Jul	1.61	7.80	21%
35	Green	Duchesne	Duchesne-Price	CBRFC	SLC	UT	CRUU1	Currant Ck	Currant Ck Reservoir	2026-04-07	Apr-Jul	3.50	17.7	20%
30	Great	Six Creeks	Six Creeks-Jordan	CBRFC	SLC	UT	DELU1	Dell Fk	Little Dell Reservoir	2026-04-07	Apr-Jul	0.780	4.40	18%
22	Great	Utah Lake	Provo-Utah Lake	CBRFC	SLC	UT	HBCU1	Hobble Ck	Springville; 700 East	2026-04-07	Apr-Jul	2.60	16.5	16%
6	Sevier		Sevier	CBRFC	SLC	UT	SAYU1	Salina Ck	Emery; Nr	2026-04-07	Apr-Jul	0.920	6.20	15%
42	Green	Lower	Duchesne-Price	CBRFC	SLC	UT	WRSU1	White	Blo Tabbyune Ck; Soldier Summit; Nr	2026-04-07	Apr-Jul	1.89	12.6	15%
45	Green	Lower	San Rafael-Dirty Devil	CBRFC	SLC	UT	HPBU1	Huntington Ck	Power Plant; Blo	2026-04-07	Apr-Jul	5.10	40.0	13%

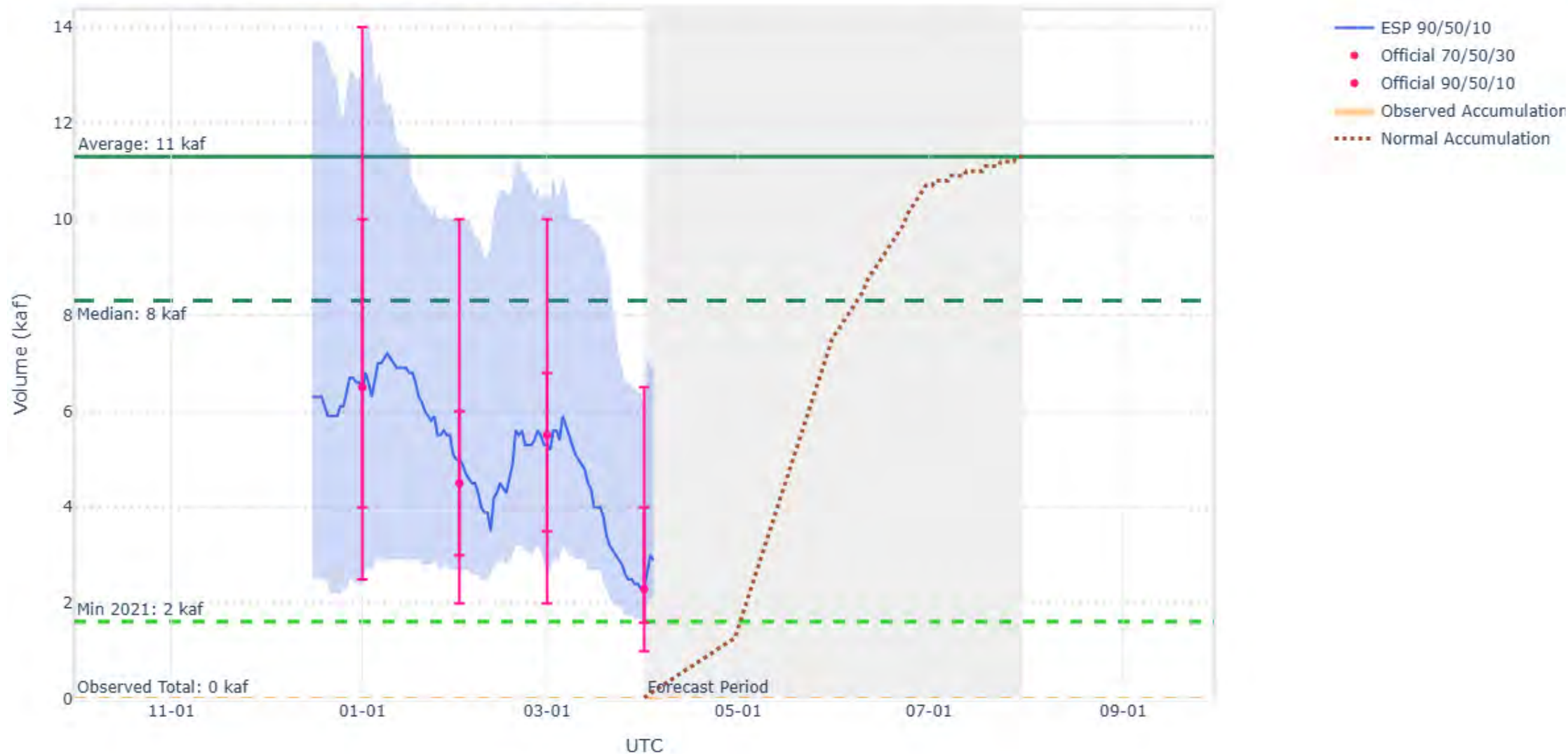
2026 Water Supply Forecast - Huntington Ck - Electric Lake (ELLU1)

ESP is Unregulated and No Precipitation Forecast Included

Official 50% Fcst (2026-04-01): 2.3 kaf (20% Avg, 28% Med), (1% of Yrs Below Fcst, 52 Highest Flow / 52 Tot Yrs)

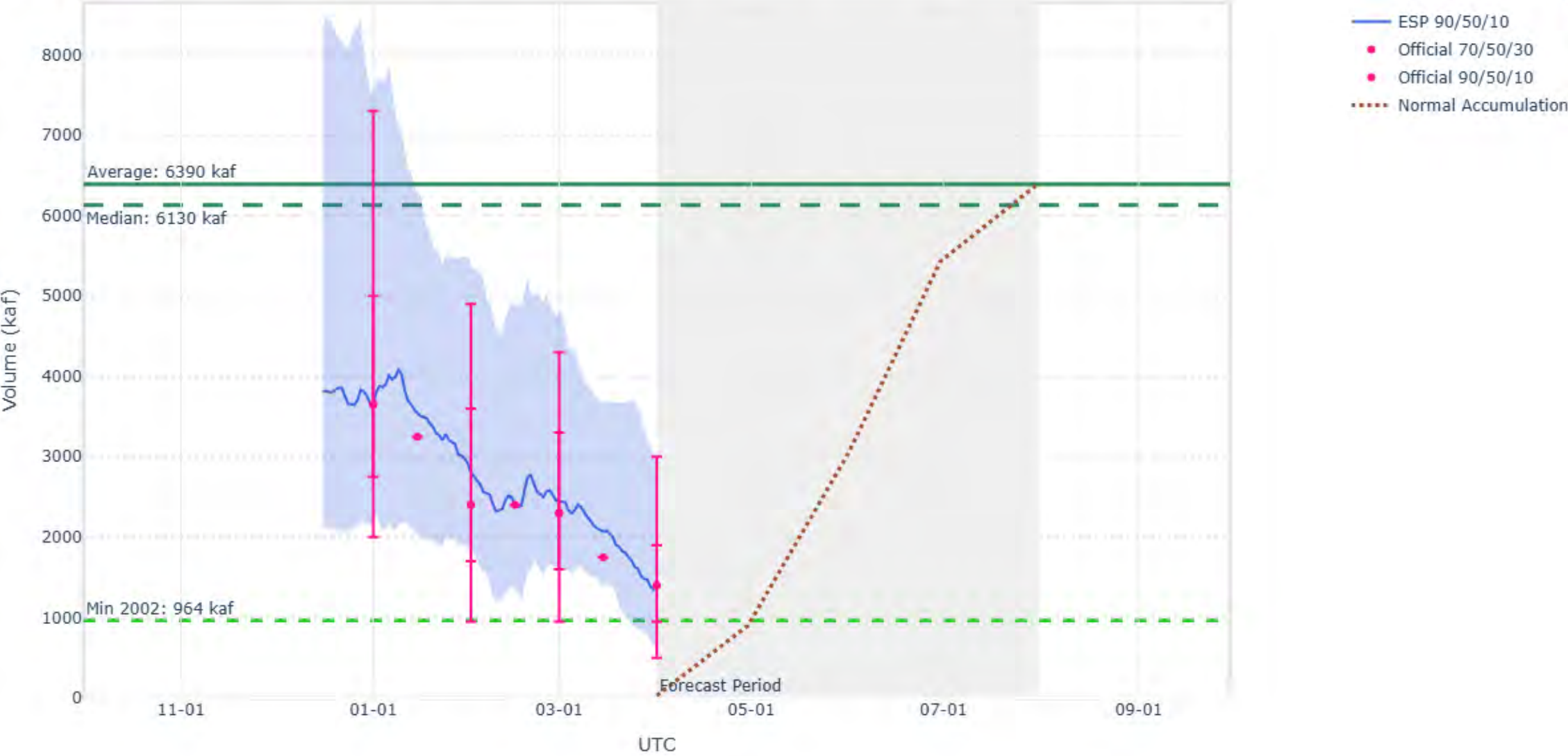
ESP 50% Fcst (2026-04-04): 2.9 kaf (26% Avg, 36% Med), (5% of Yrs Below Fcst, 50 Highest Flow / 52 Tot Yrs)

Observed Volume: 0.00 kaf (0% Average, 0% Median)

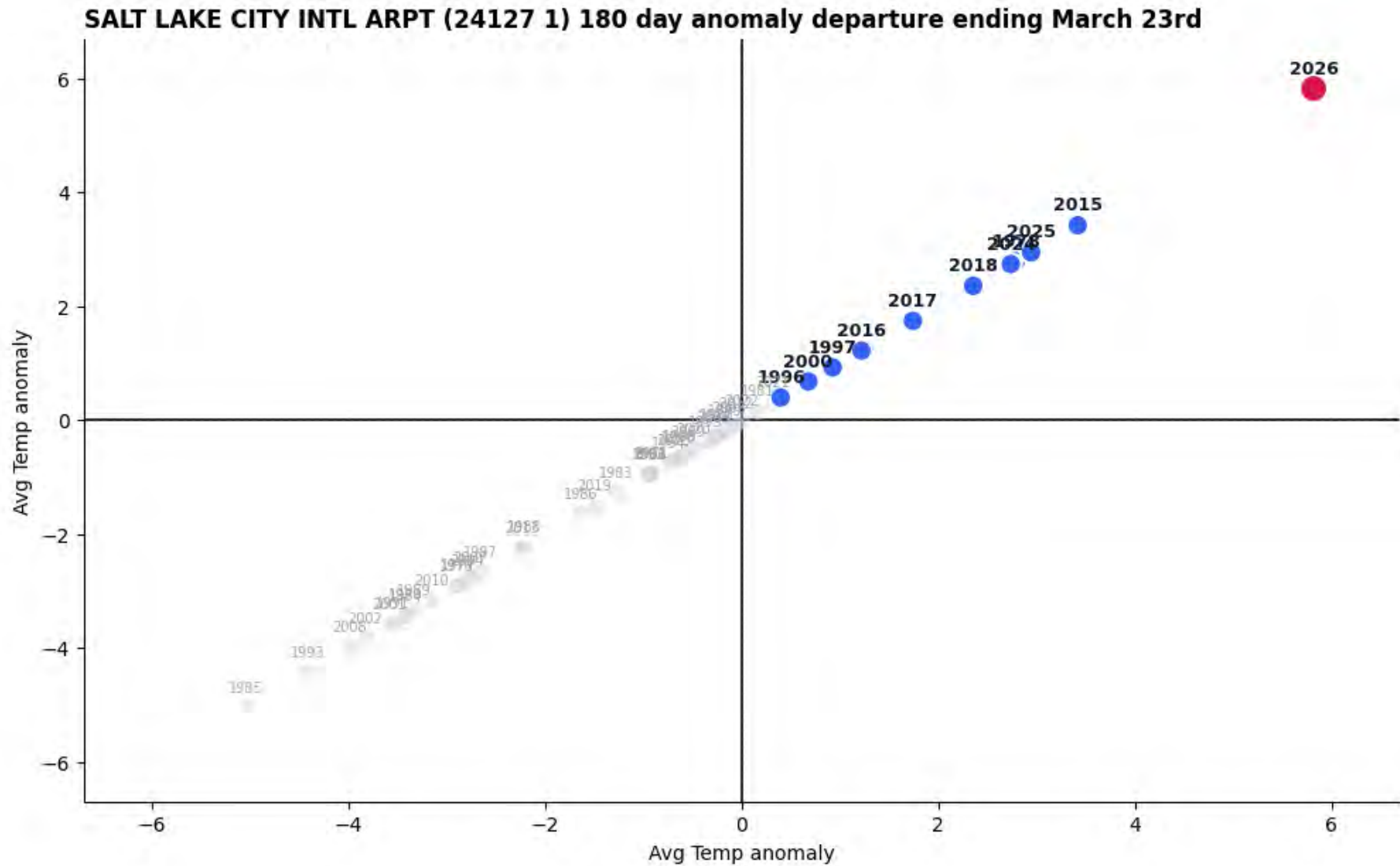


2026 Water Supply Forecast - Colorado - Lake Powell, Glen Cyn Dam, At (GLDA3)

ESP is Unregulated and No Precipitation Forecast Included
Official 50% Fcst (2026-04-01): 1400 kaf (22% Avg, 23% Med), (3% of Yrs Below Fcst, 61 Highest Flow / 62 Tot Yrs)
ESP 50% Fcst (2026-04-07): 1482 kaf (23% Avg, 24% Med), (3% of Yrs Below Fcst, 61 Highest Flow / 62 Tot Yrs)
No Observed

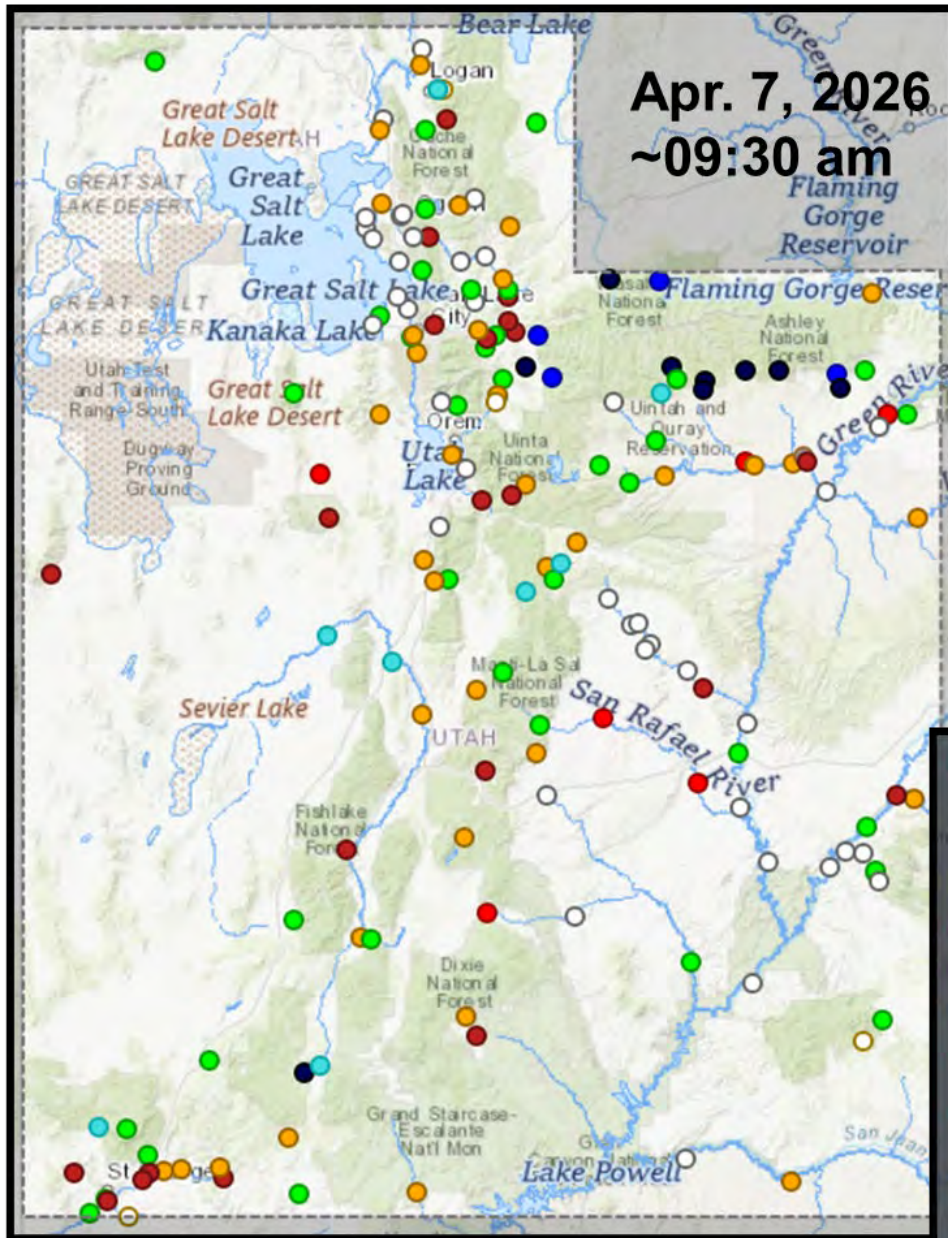


Model Uncertainty: This is Not A Normal Year



Current Streamflows

Percentage of Gages



Apr. 7, 2026
~09:30 am

Day-of-Year Status	Mar. 24	Apr. 7
All-time high for this day-of-year	1.8%	5.4% ■
Much above normal for this day-of-year	10.1% ■	2.4%
Above normal for this day-of-year	6.0% ■	5.4% ■
Normal for this day-of-year	15.5% ■	23.2% ■
Below normal for this day-of-year	17.3% ■	20.8% ■
Much below normal for this day-of-year	12.5% ■	13.1% ■
All-time low for this day-of-year	7.7% ■	3.6%
Not ranked - insufficient record	24.4% ■	23.2% ■
Not ranked - no measurement	1.2%	0.6%
Not ranked - stream not flowing	3.0%	2.4%

Provisional data, subject to revision

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

National Water Dashboard

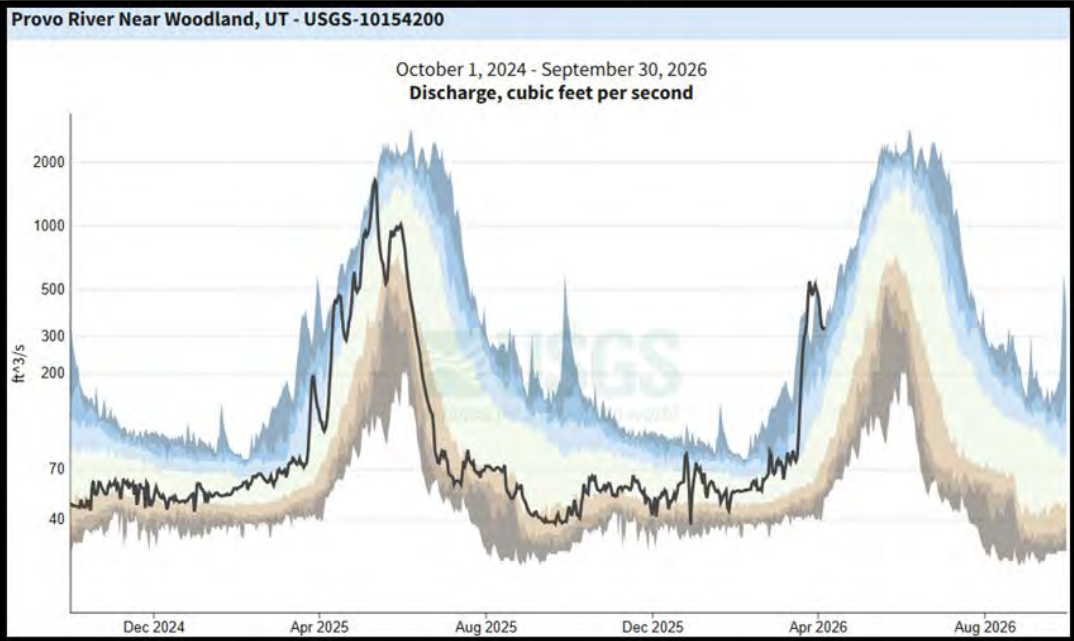
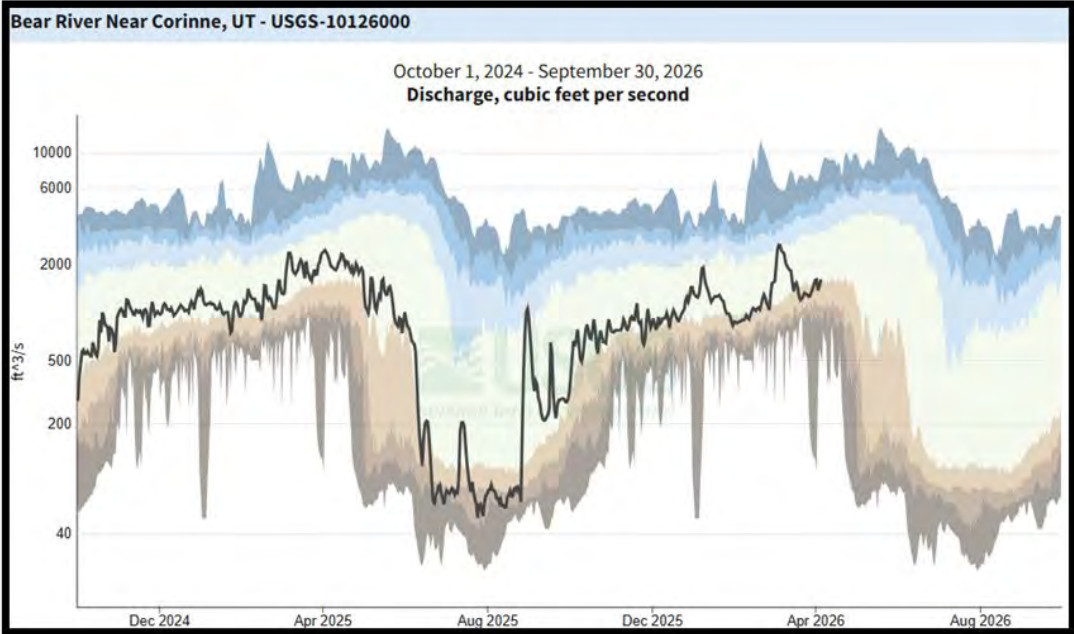
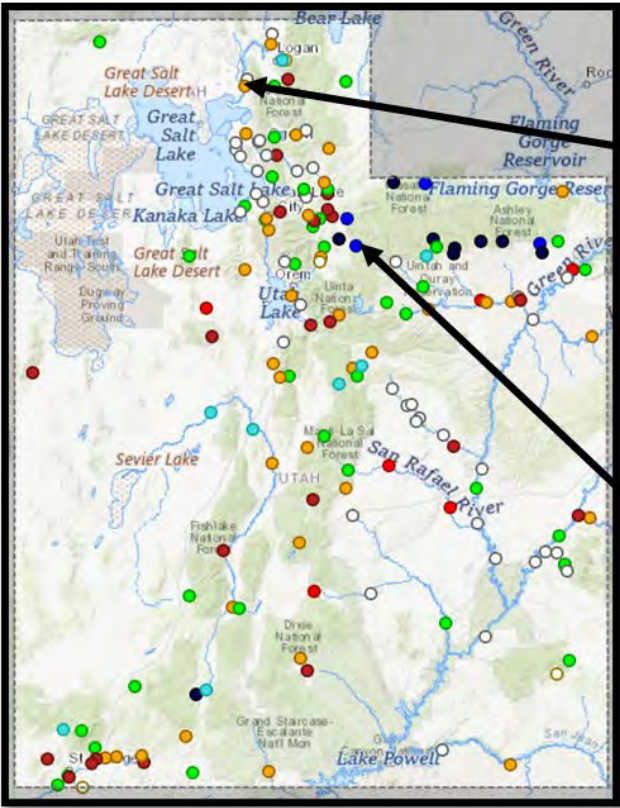
Agency - USGS Utah WSC

Presenter - Ryan

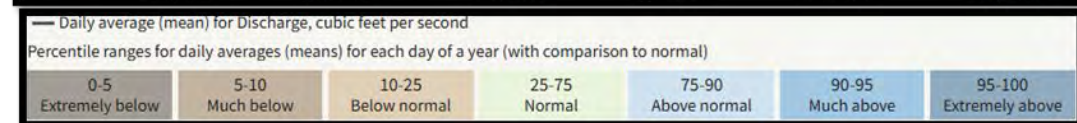
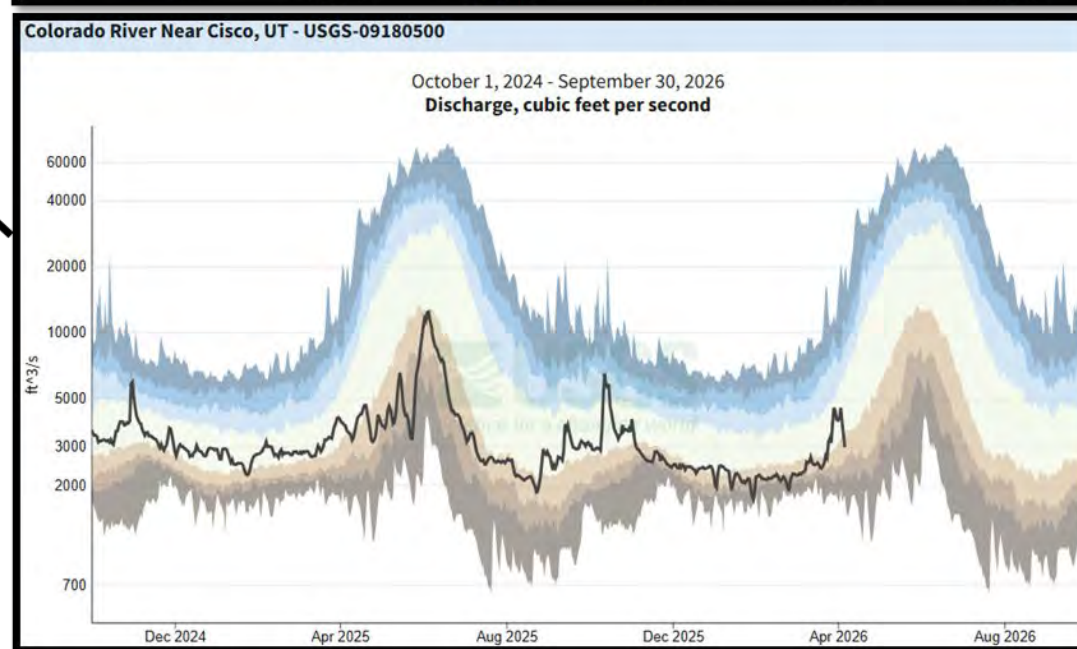
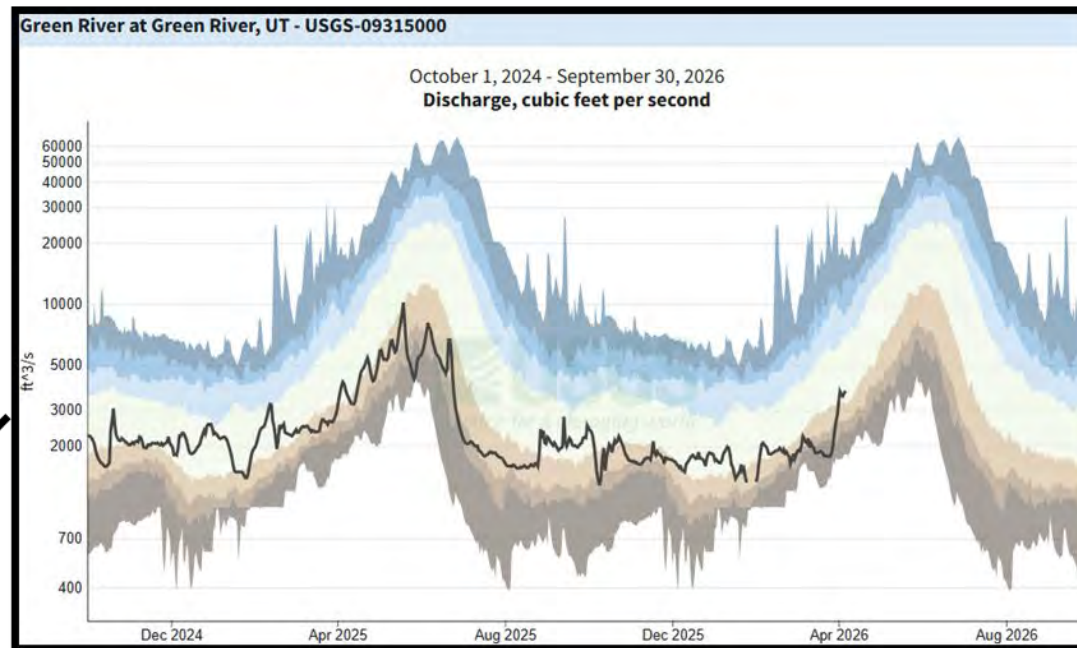
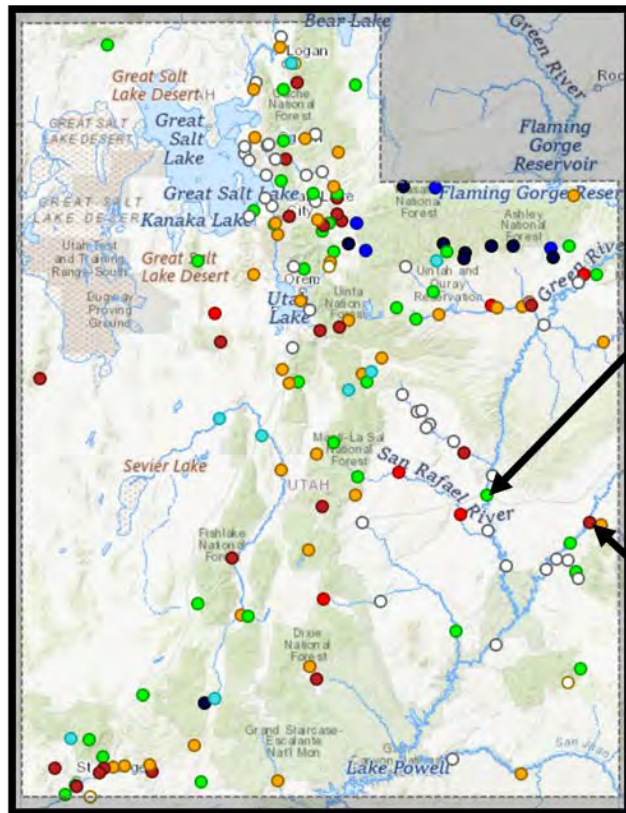
Bowland



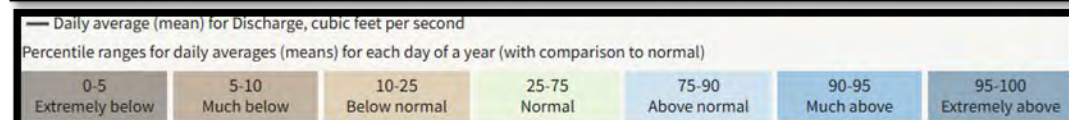
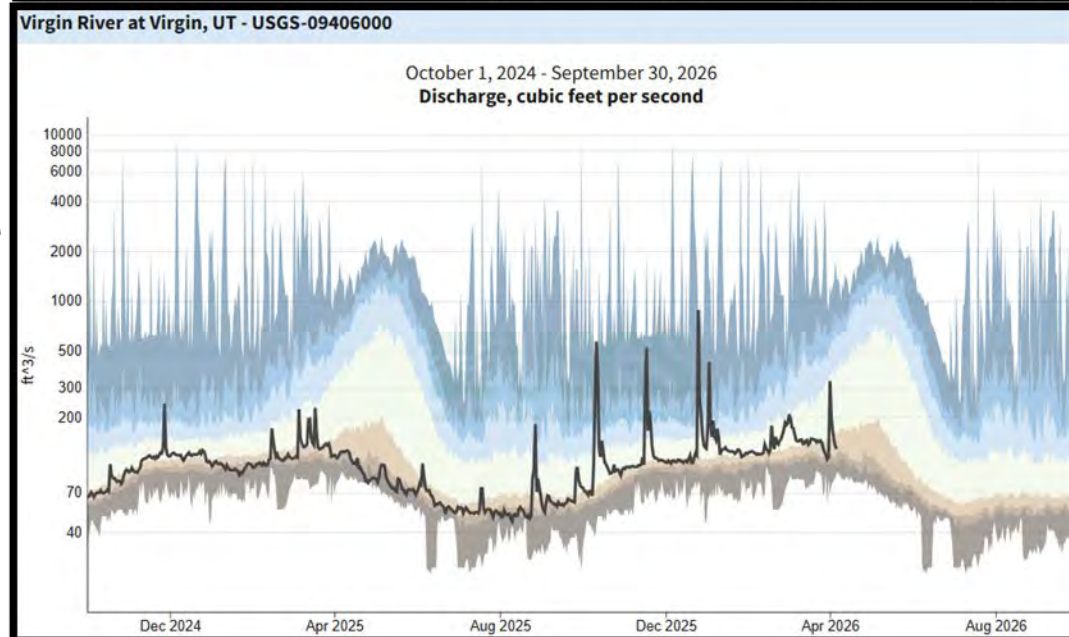
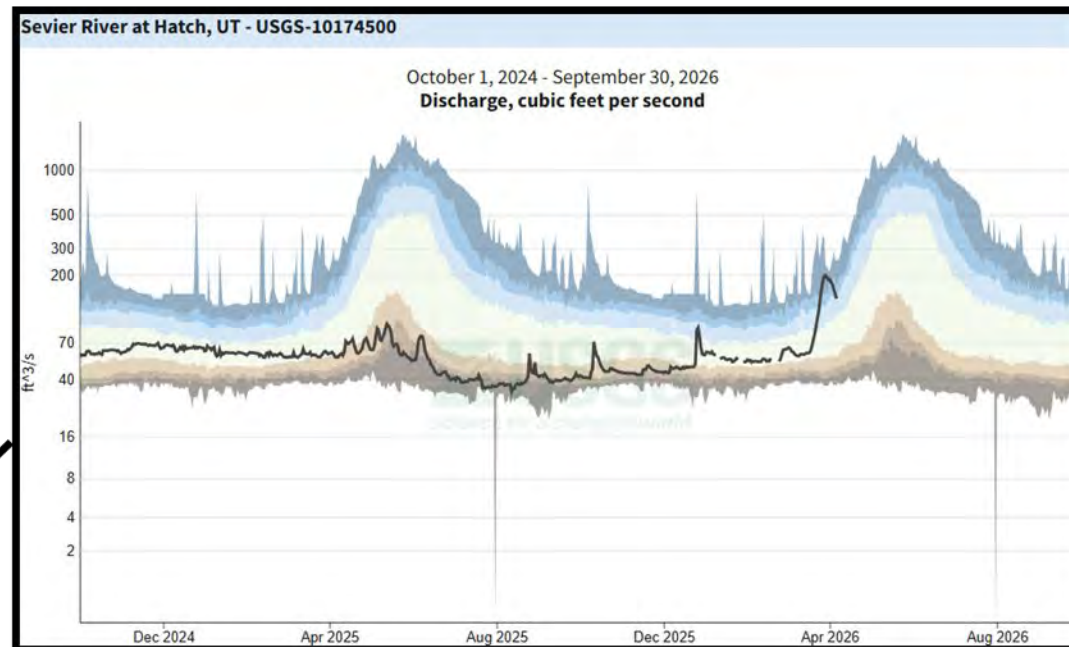
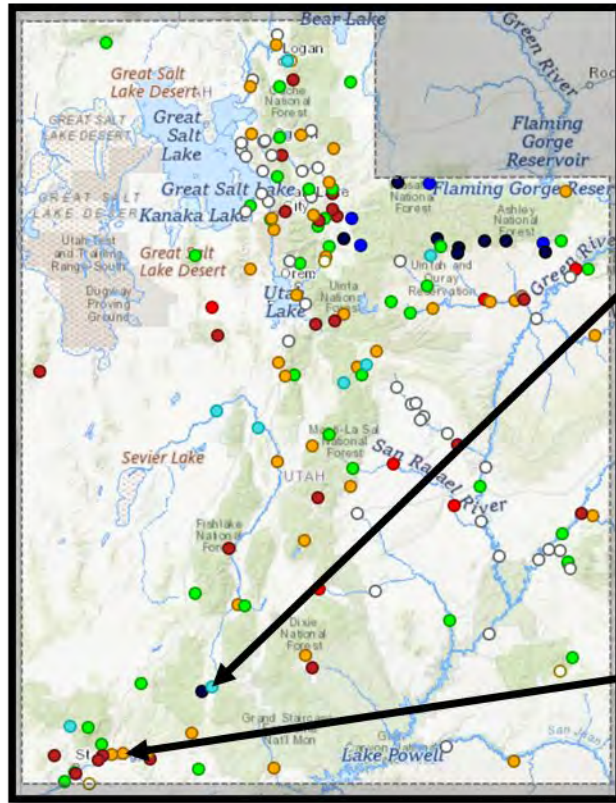
Streamflow at Selected Gages



Streamflow at Selected Gages



Streamflow at Selected Gages



Great Salt Lake Water Surface Elevations

Daily data

Great Salt Lake at Saltair Boat Harbor, UT - USGS-10010000

- using custom time span -
October 1, 2022 - April 6, 2026

Lake or reservoir water surface elevation above NGVD 1929, feet



IMPORTANT Data may be [provisional](#)

[Hide legend ^](#)

Lake or reservoir water surface elevation above NGVD 1929, feet

— Mean
— Qualified data - see Graph details table for more information

Data approval period

■ Approved
■ Provisional

Daily Values
04/06/2026

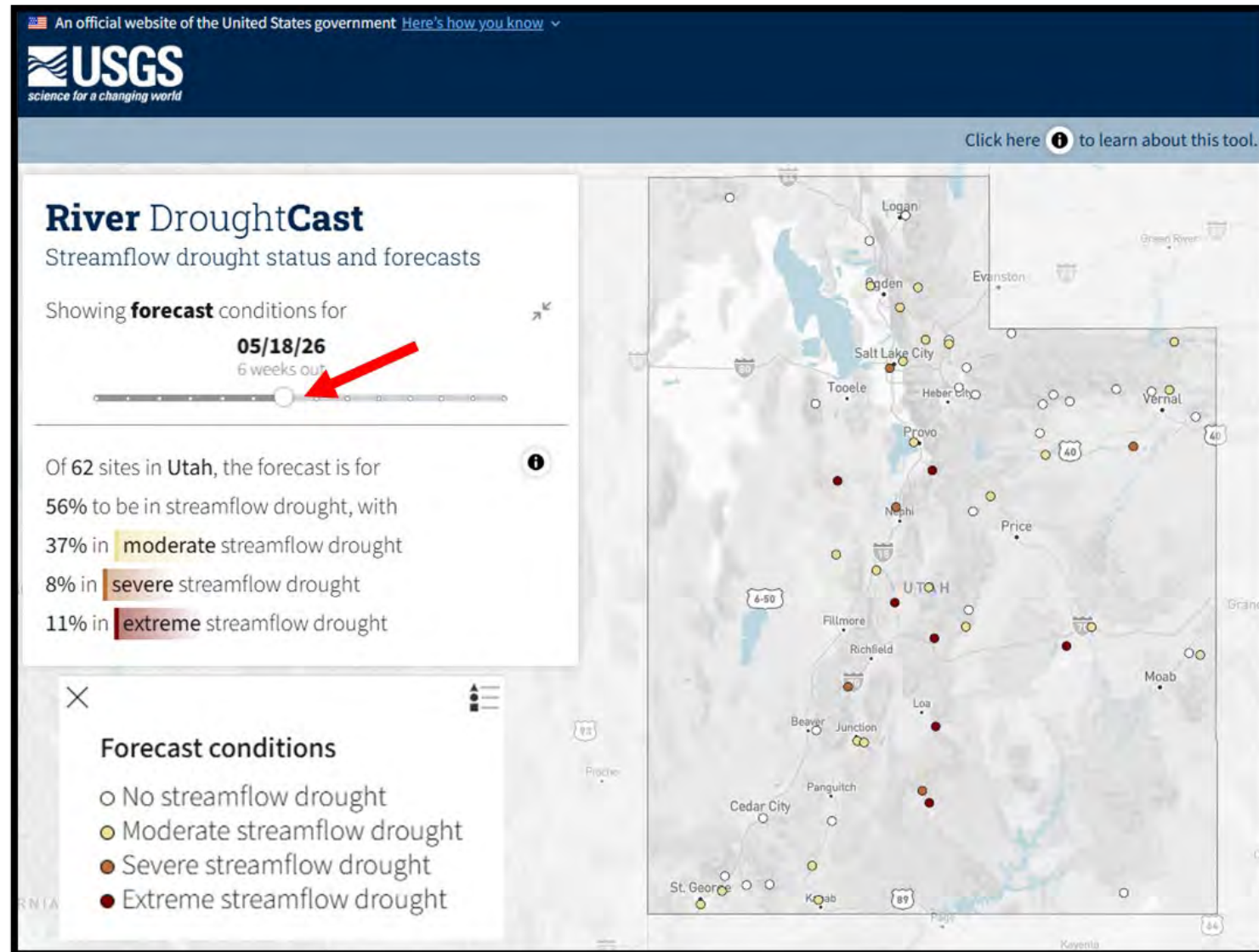
South Arm
(Saltair gage): 4192.3'
Up 1.3' since seasonal low

North Arm
(Saline gage): 4,191.4'
Up 0.7' since seasonal low

Agency - USGS Utah WSC
Presenter - Ryan



New website - 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
- ☐ Website includes links to detailed descriptions of methodology

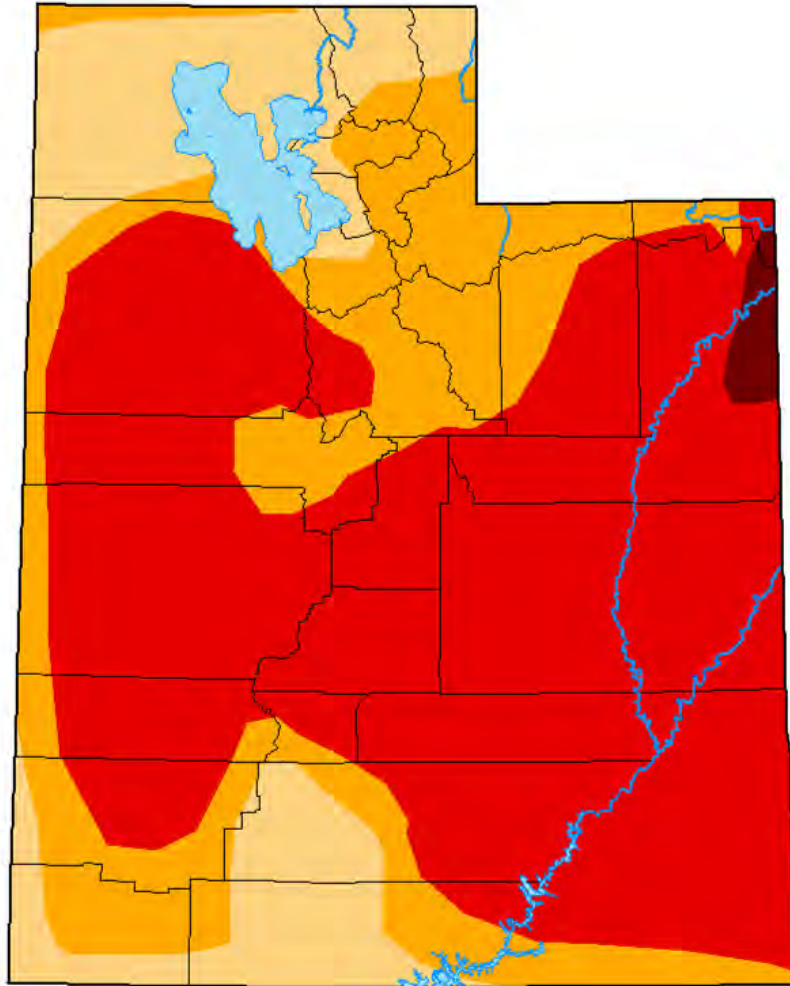
Agency - USGS Utah WSC
Presenter - Ryan

U.S. Drought Monitor Map - Utah

March 31, 2026

(Released April 2 2026)

Valid 7 a.m. EST



Intensity:

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

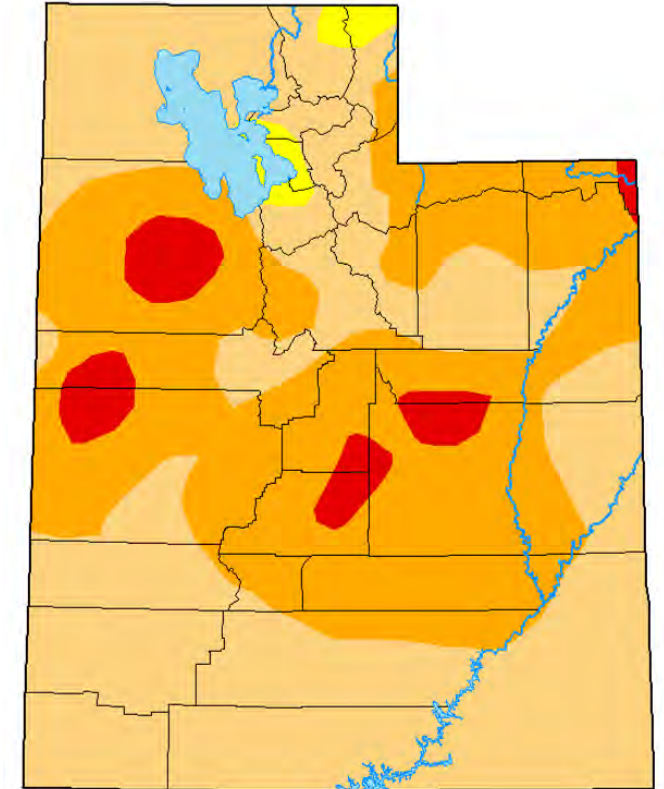
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

Rocky Bilotta
NCEI/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