Utah Water Conditions (drought webinar)

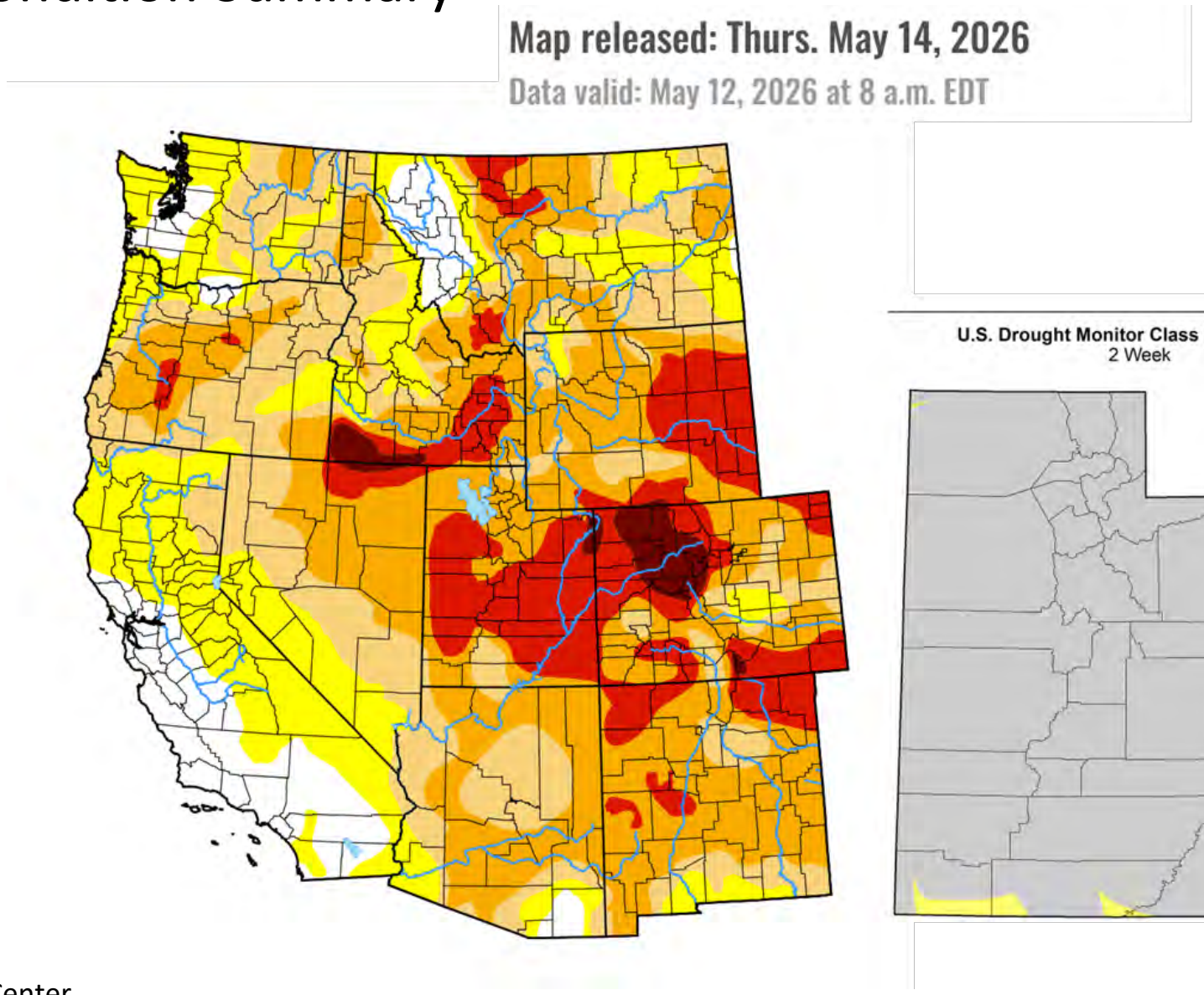
The meeting will begin shortly

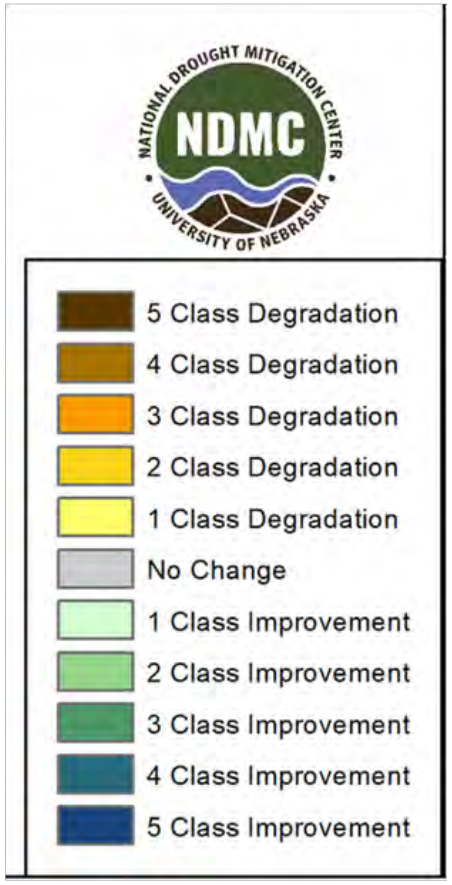
Thank you to our contributors

Utah Water Conditions Update

May 19, 2026

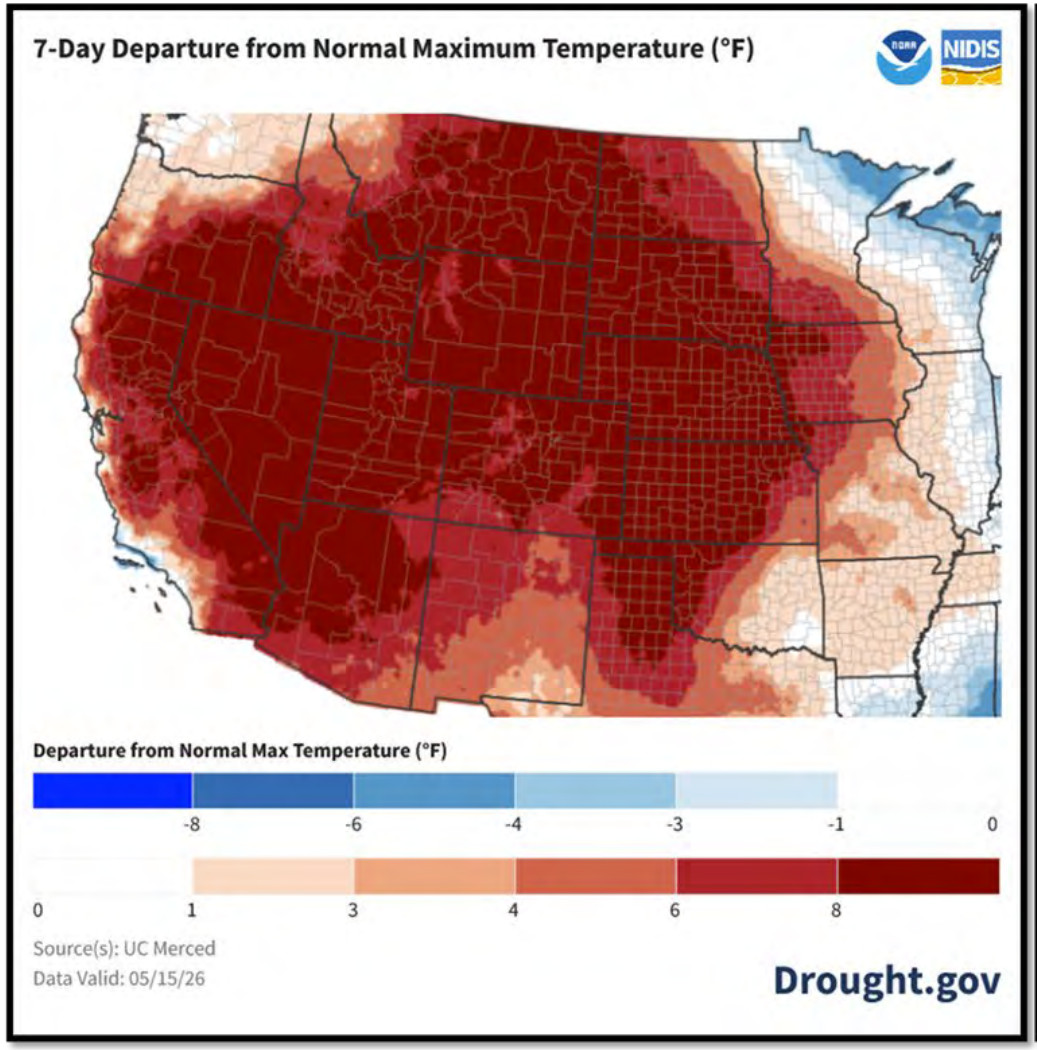
Drought Condition Summary

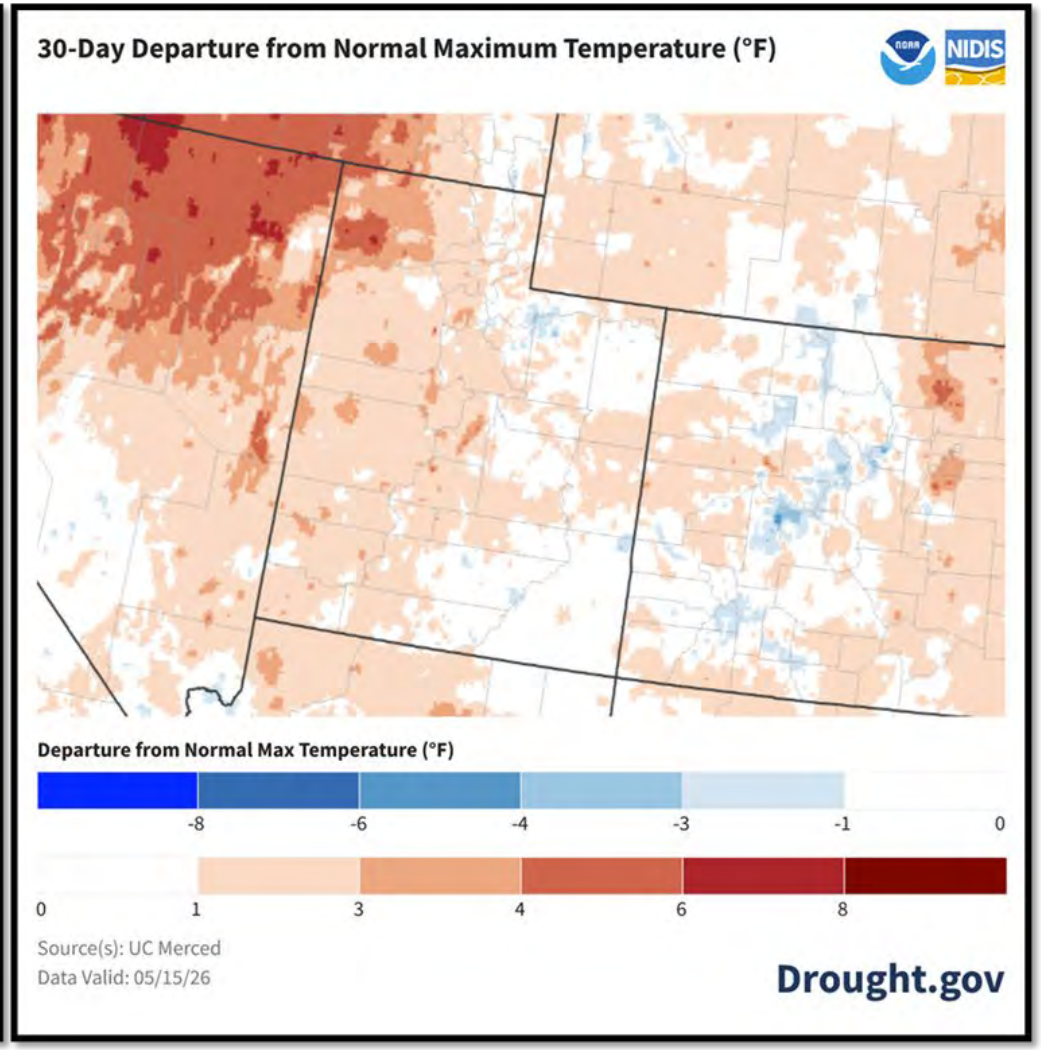




Agency - Utah Climate Center
Presenter - Jon Meyer

Temperature Summary





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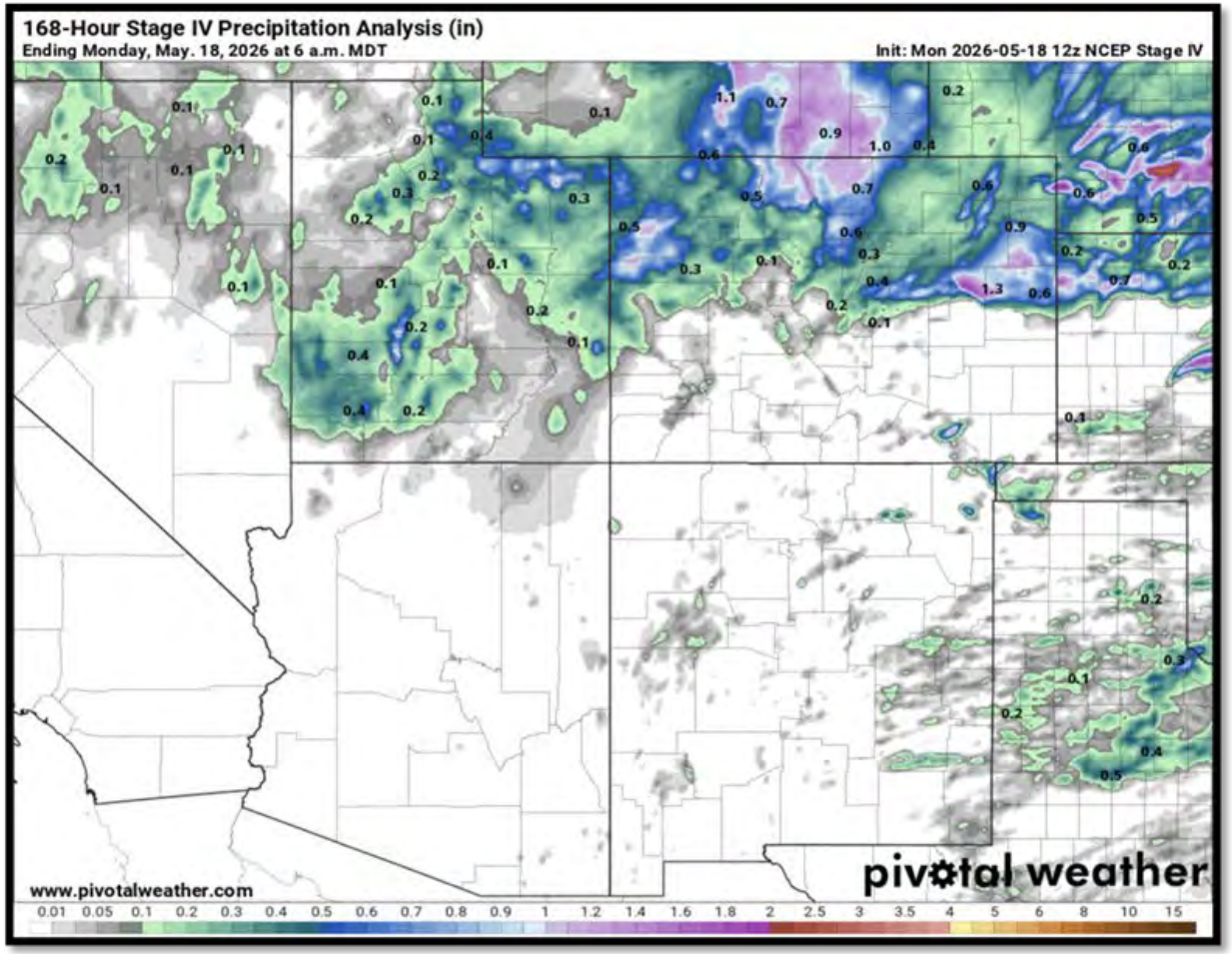
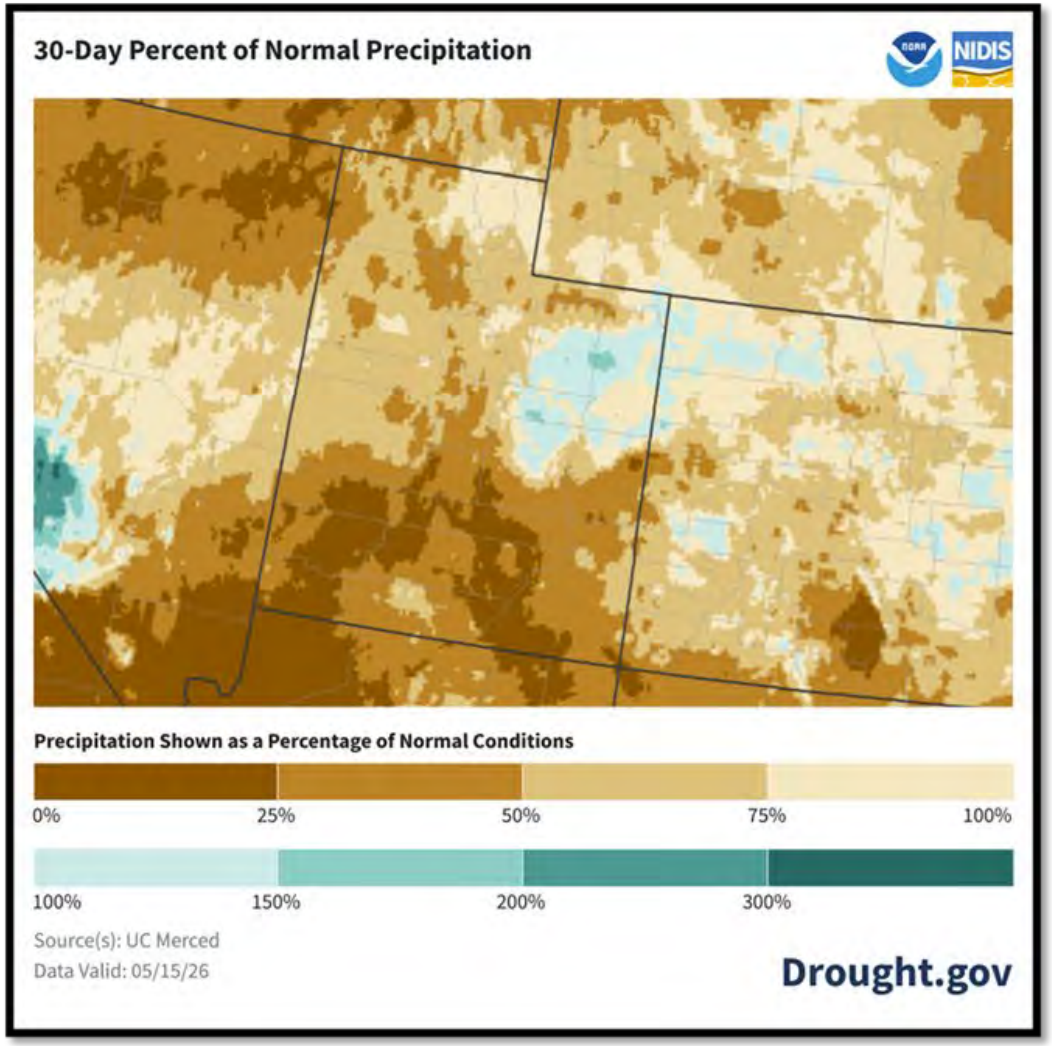
Presenter - Jon Meyer

Precipitation Summary





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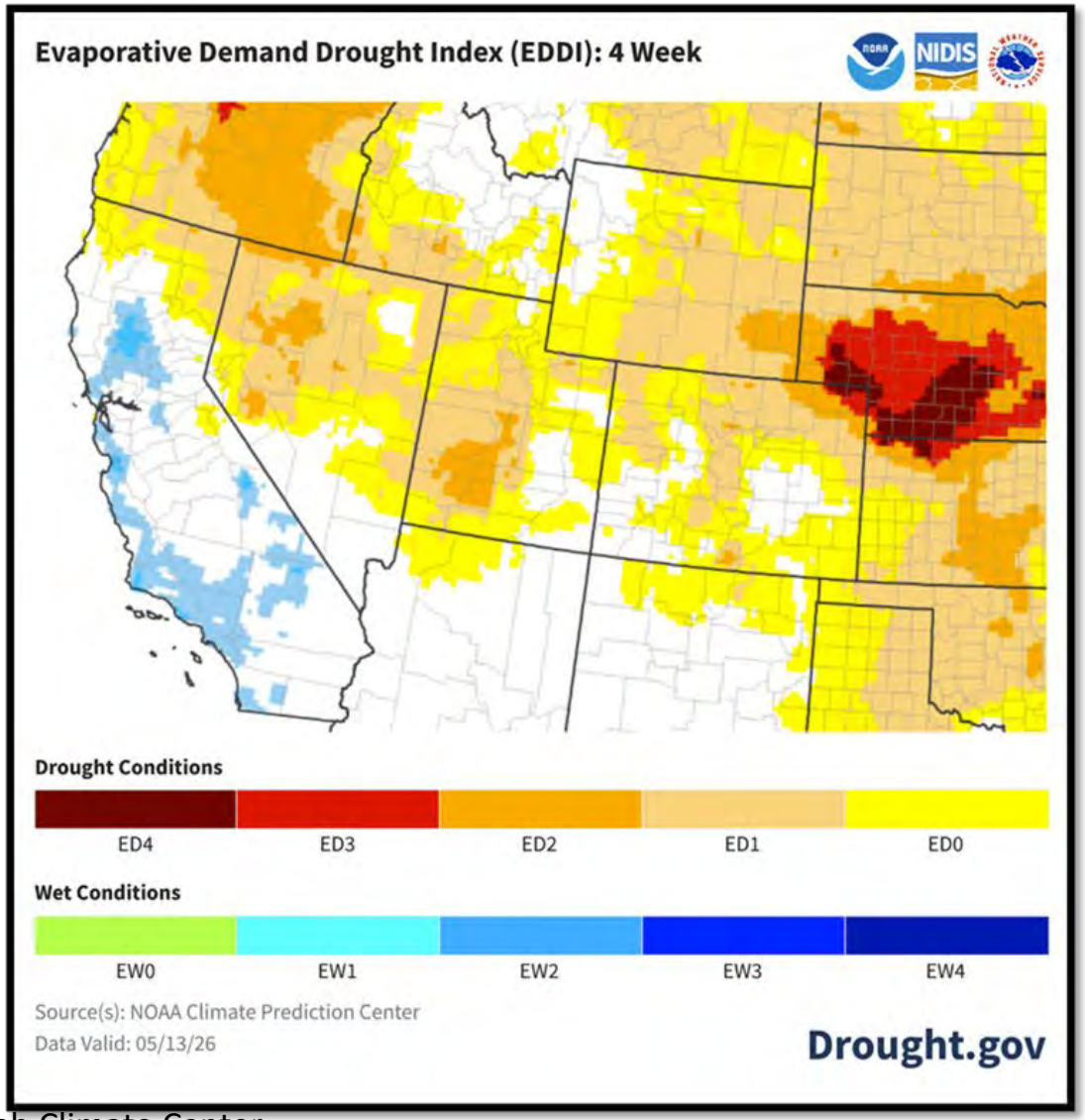
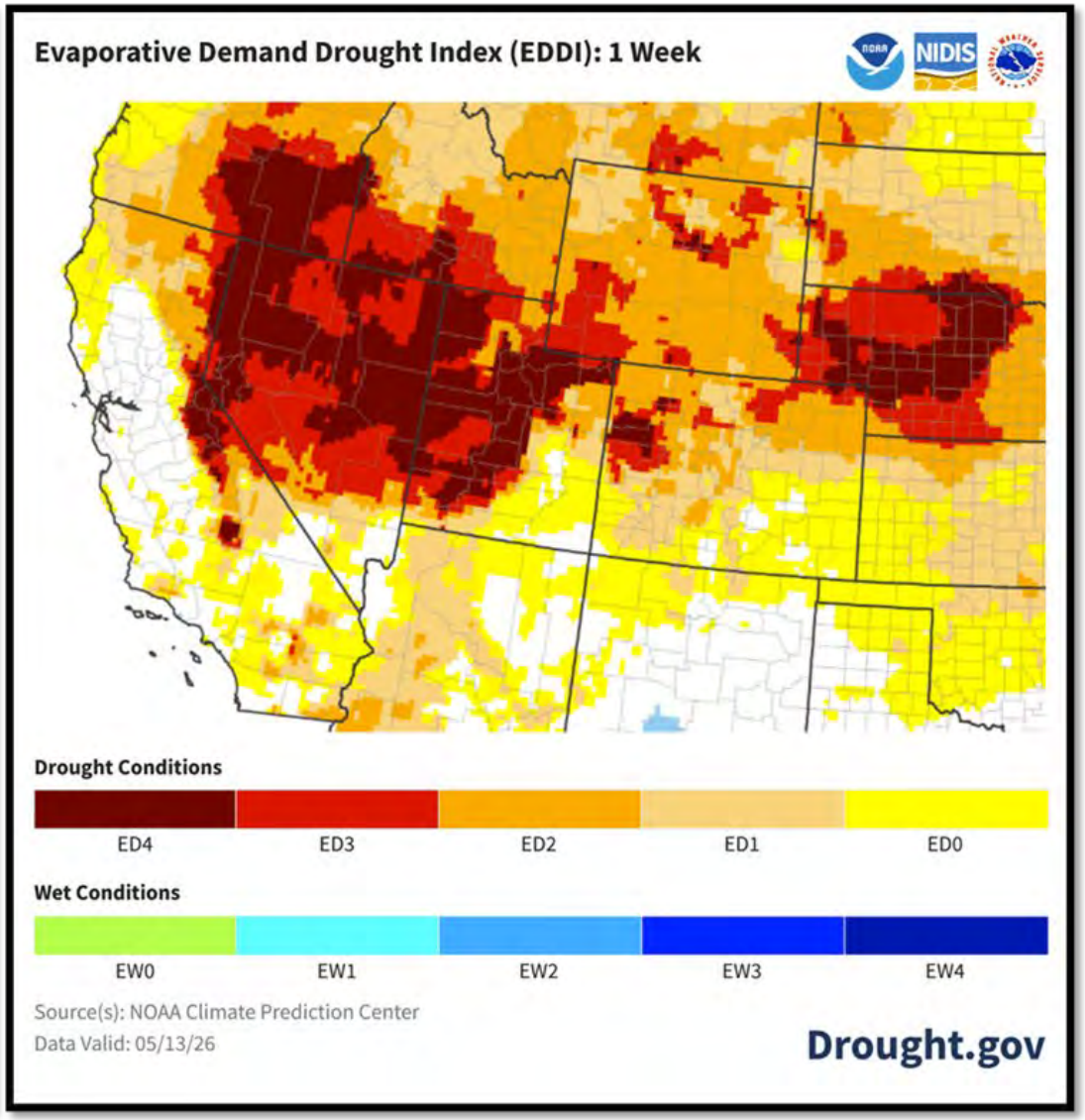
Recent Evaporative Demand





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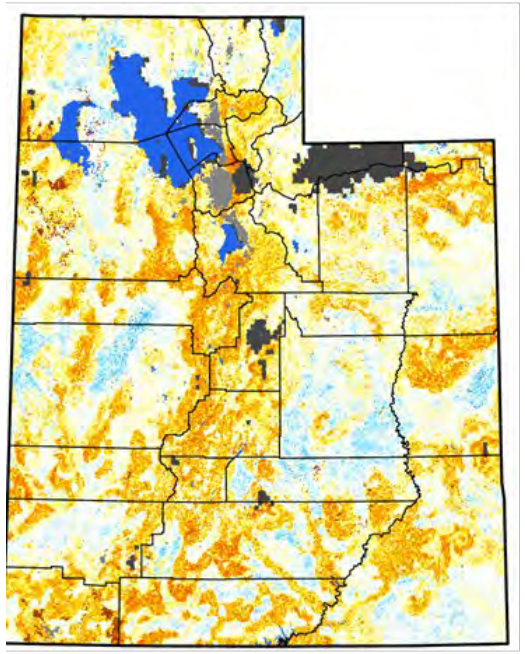
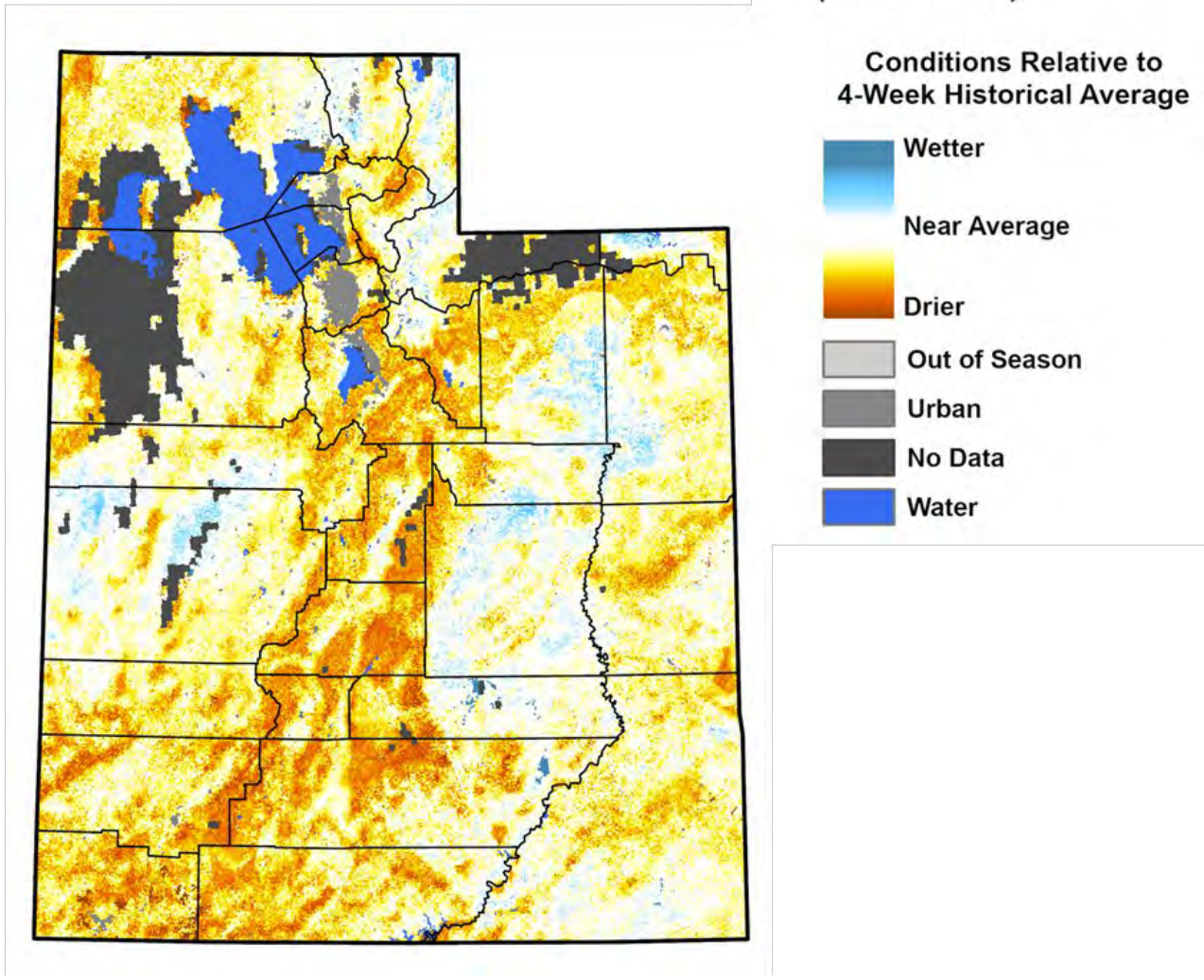
Short-Term Drought Pressure





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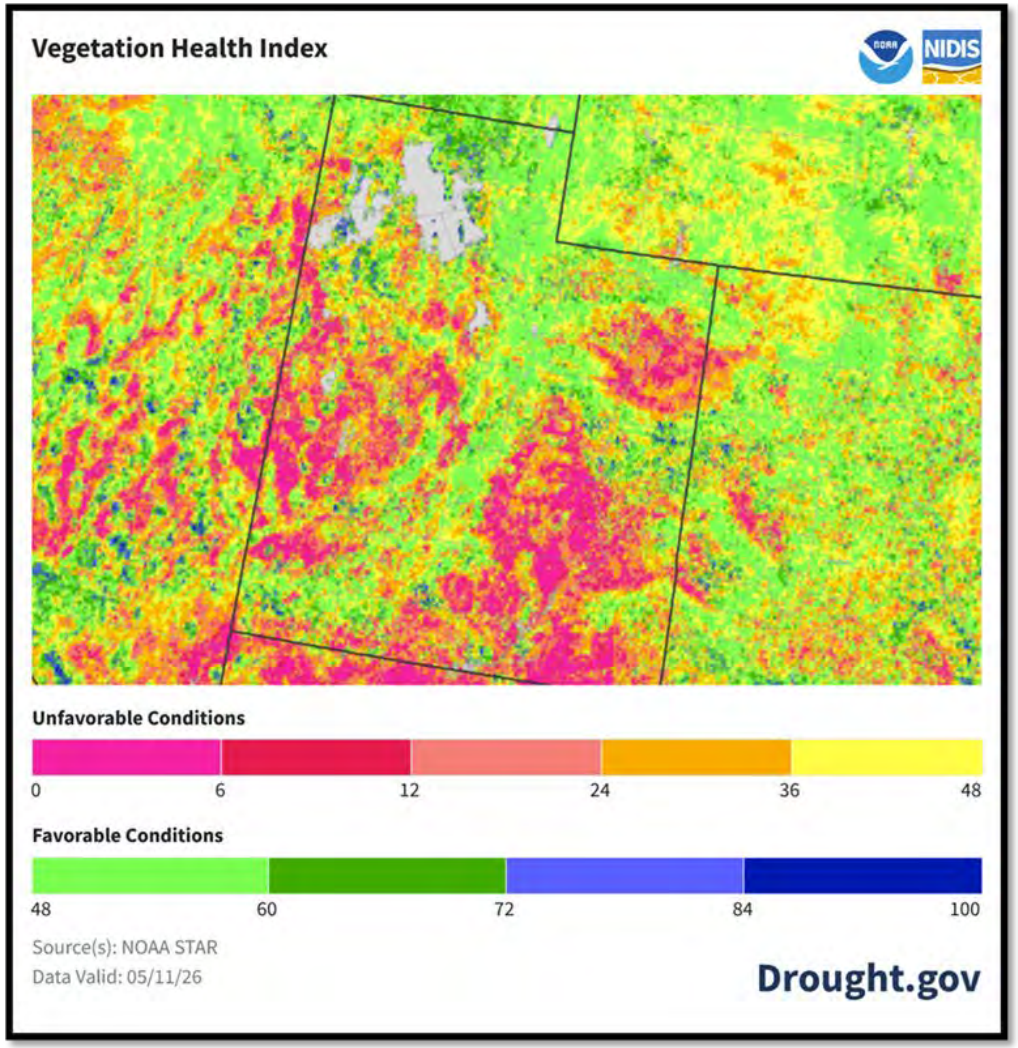
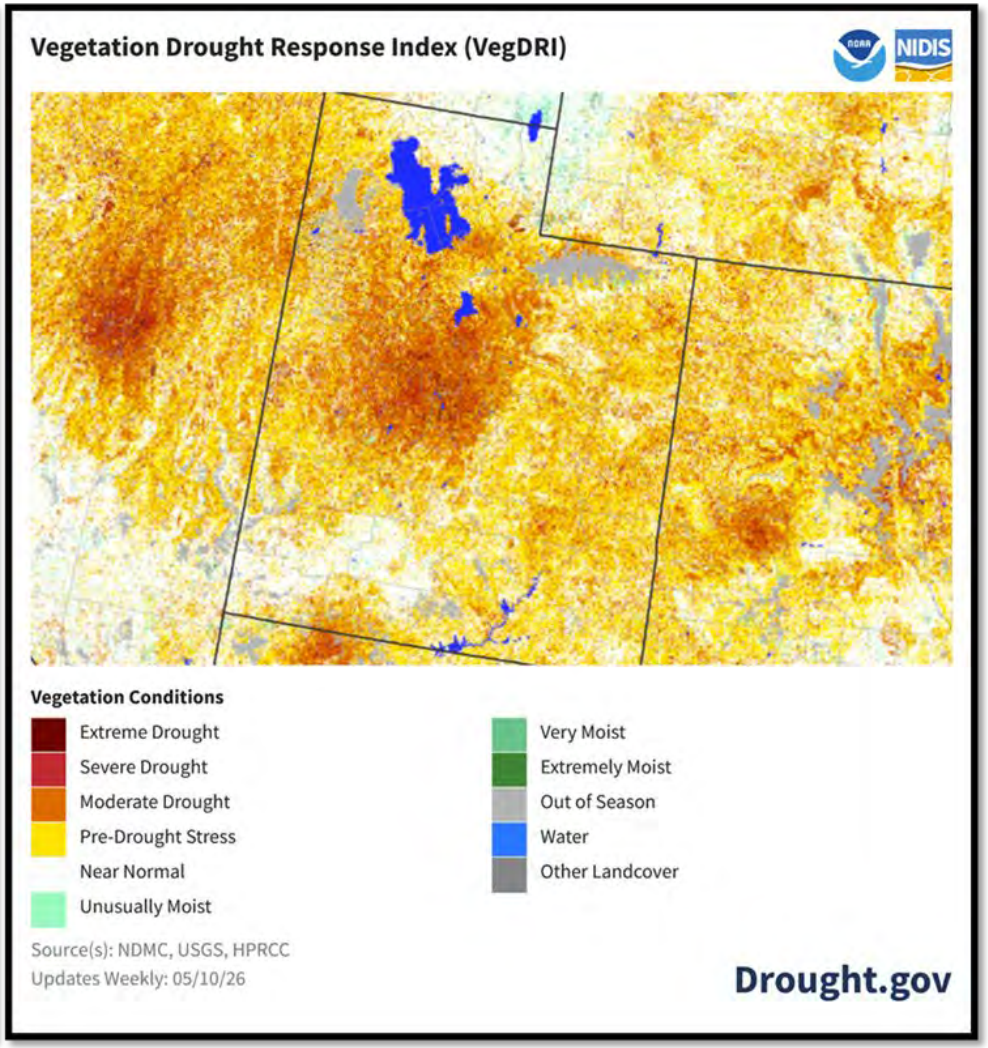
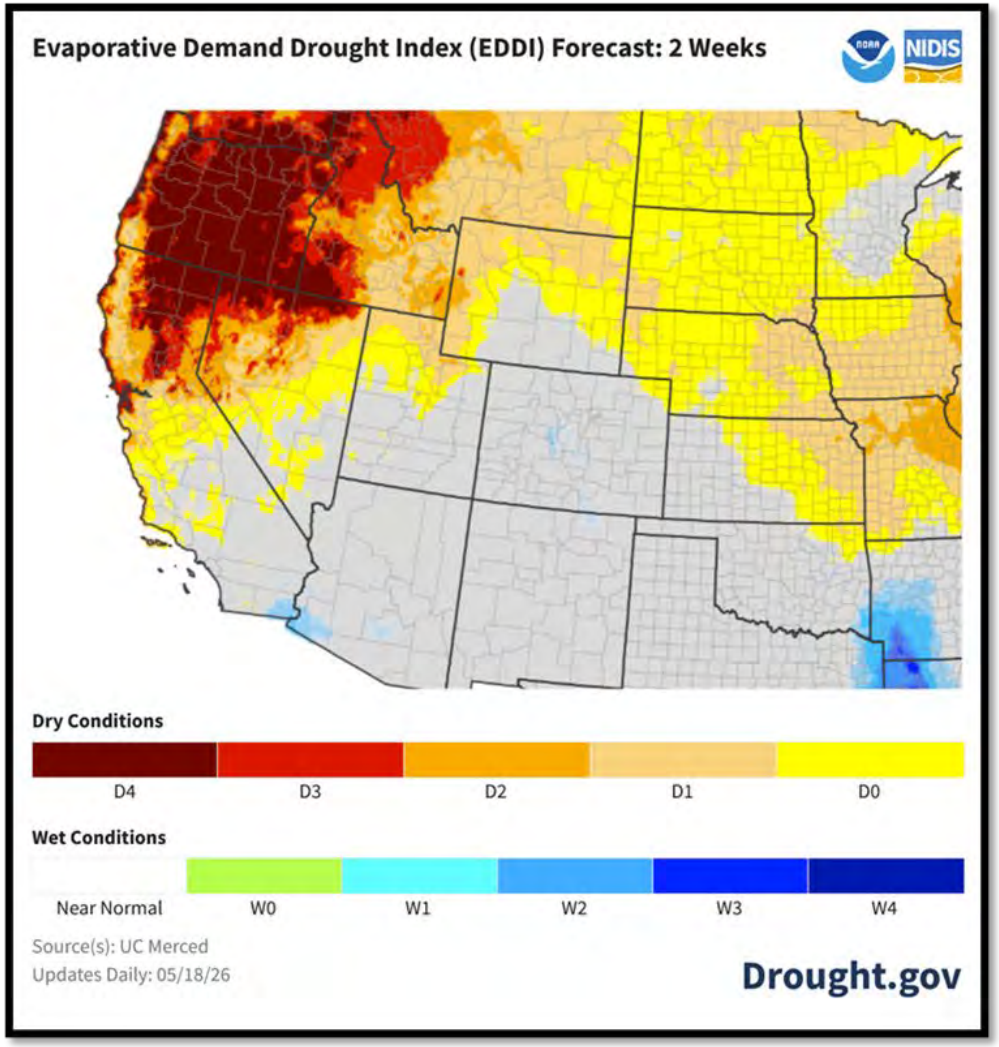
Vegetation Drought Metrics

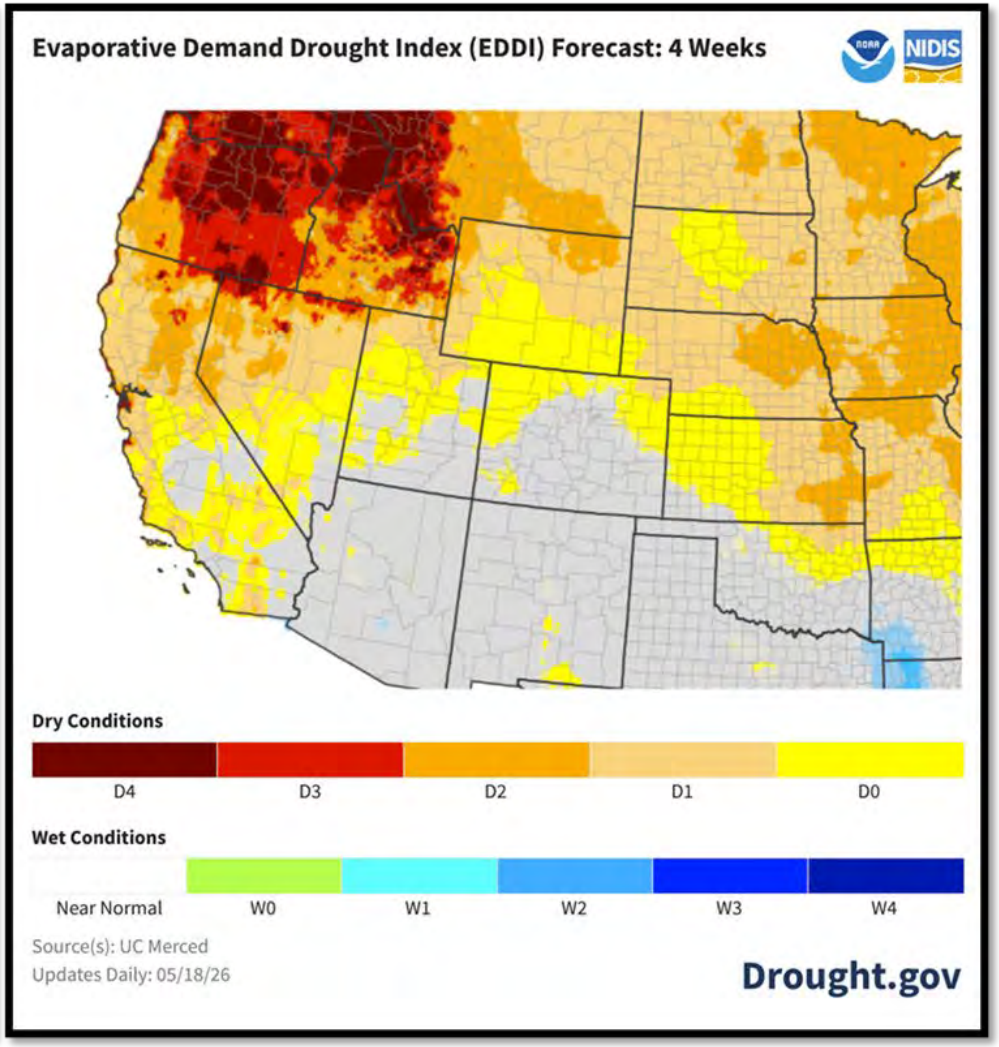




Agency - Utah Climate Center
Presenter - Jon Meyer

EDDI Outlook

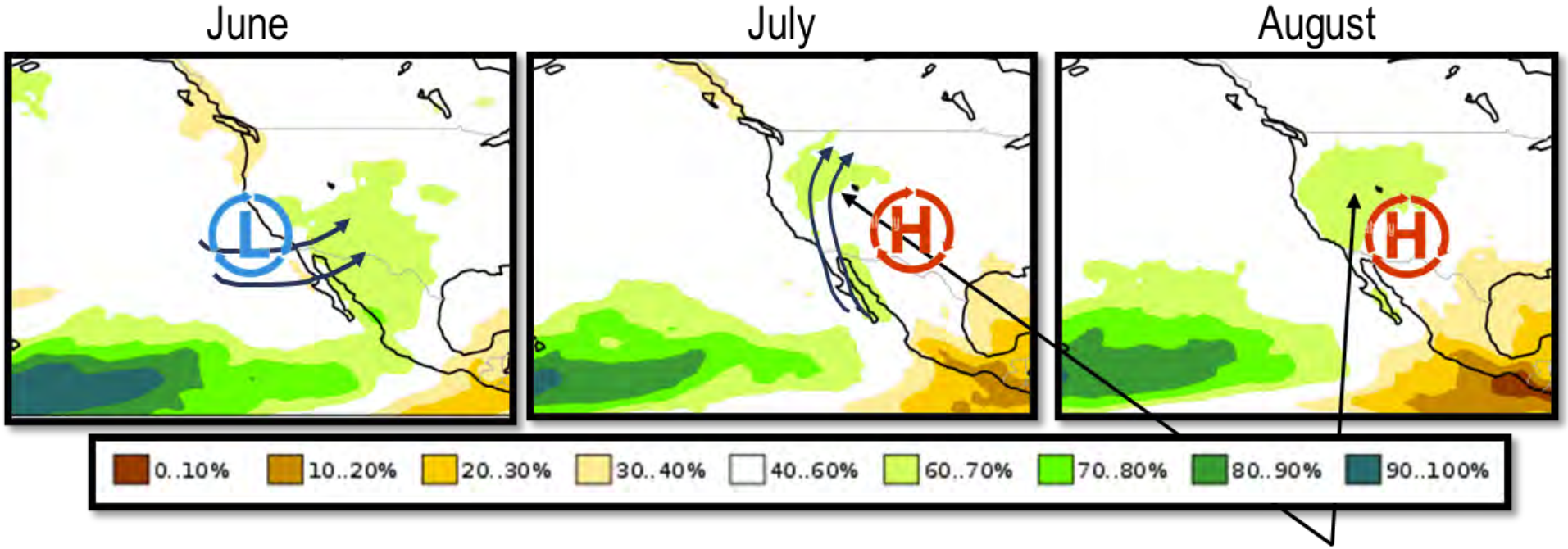


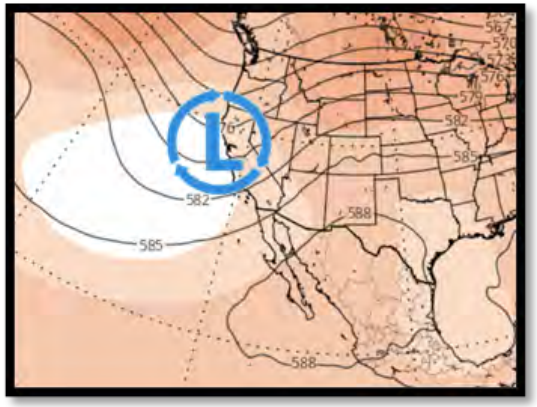


Agency - Utah Climate Center
Presenter - Jon Meyer

Summer Outlook

May 1st International Multi-Ensemble Outlooks
Monthly Precipitation Probability > Median



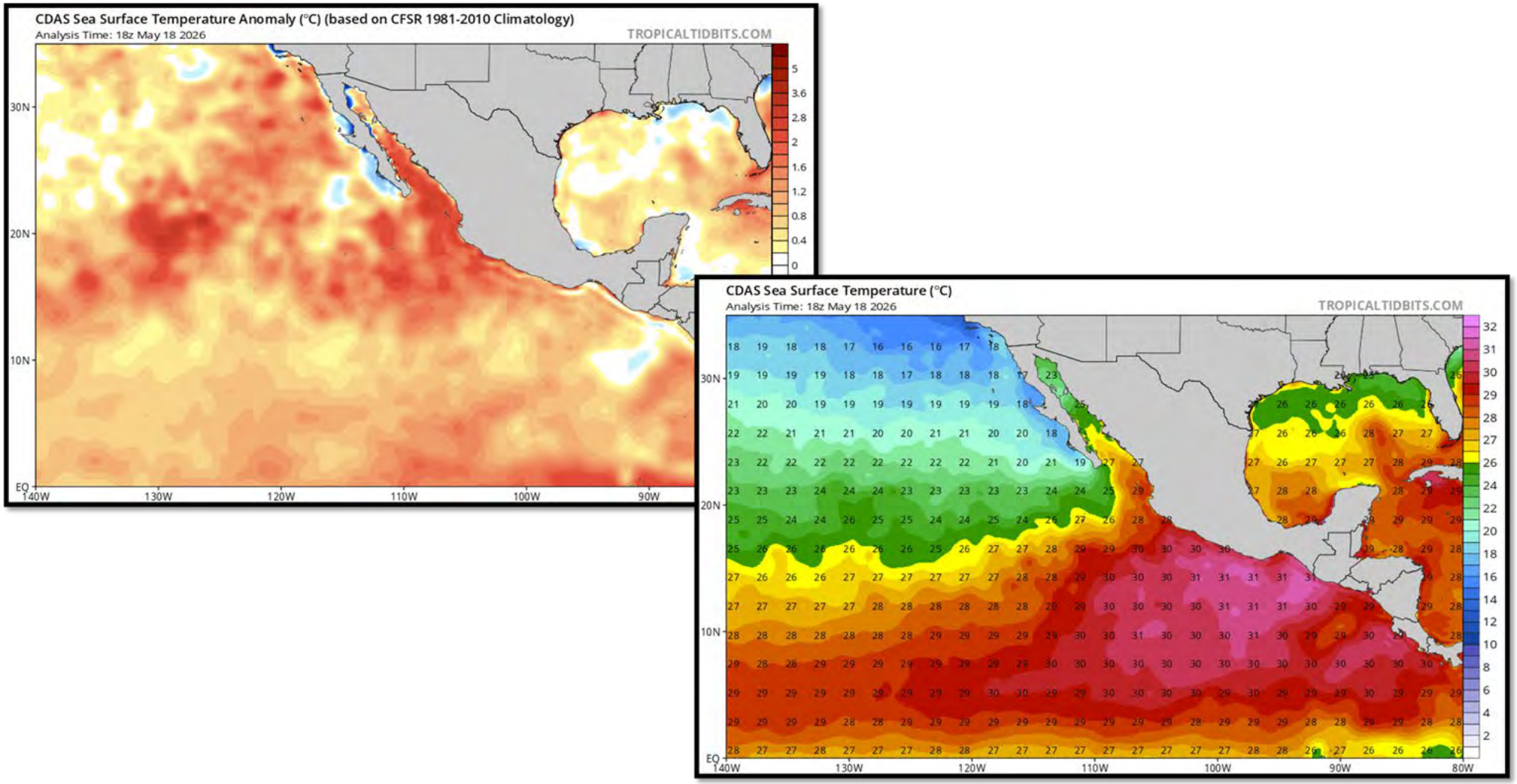


June weather pattern suggests offshore trough will help moisture in the southwest

Core summer precip anomalies have shifted northwest; possibly reflecting westward shift in the summer high pressure?

Agency - Utah Climate Center
Presenter - Jon Meyer

Pre-Monsoon Conditions



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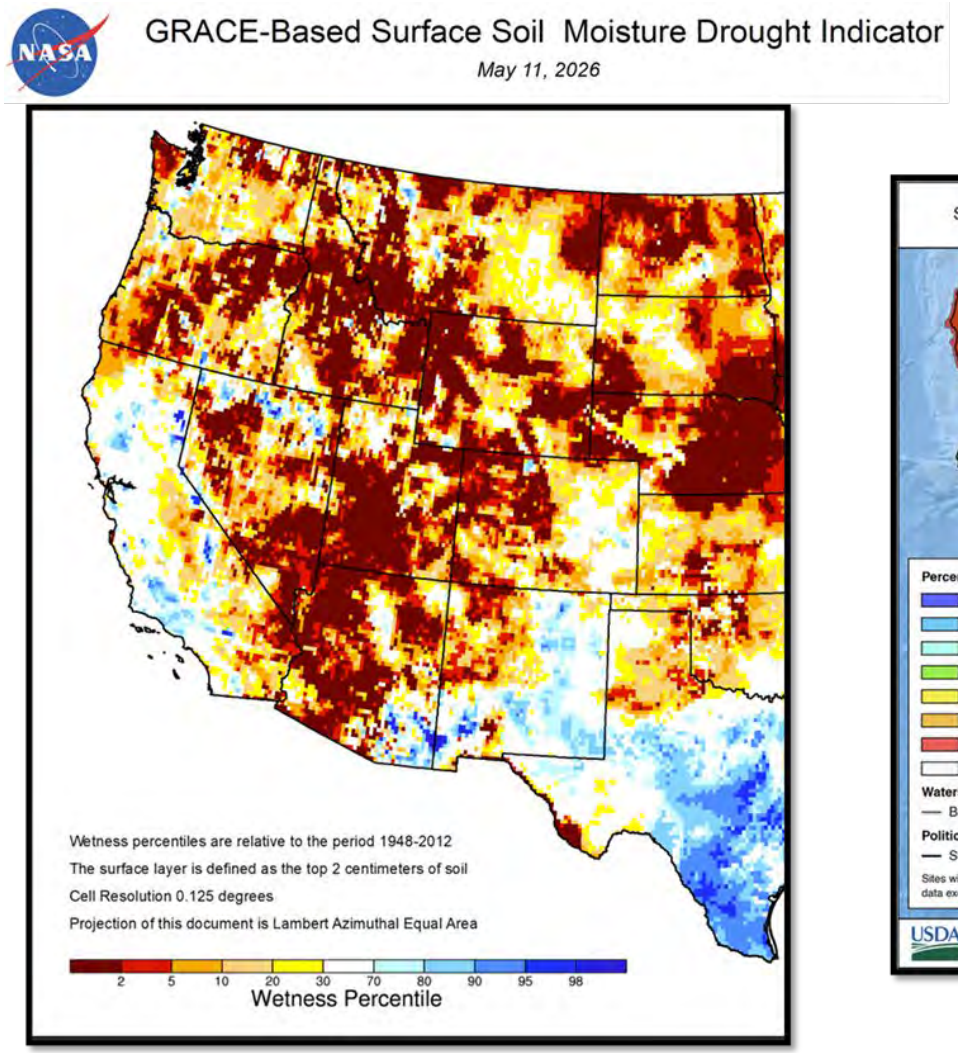
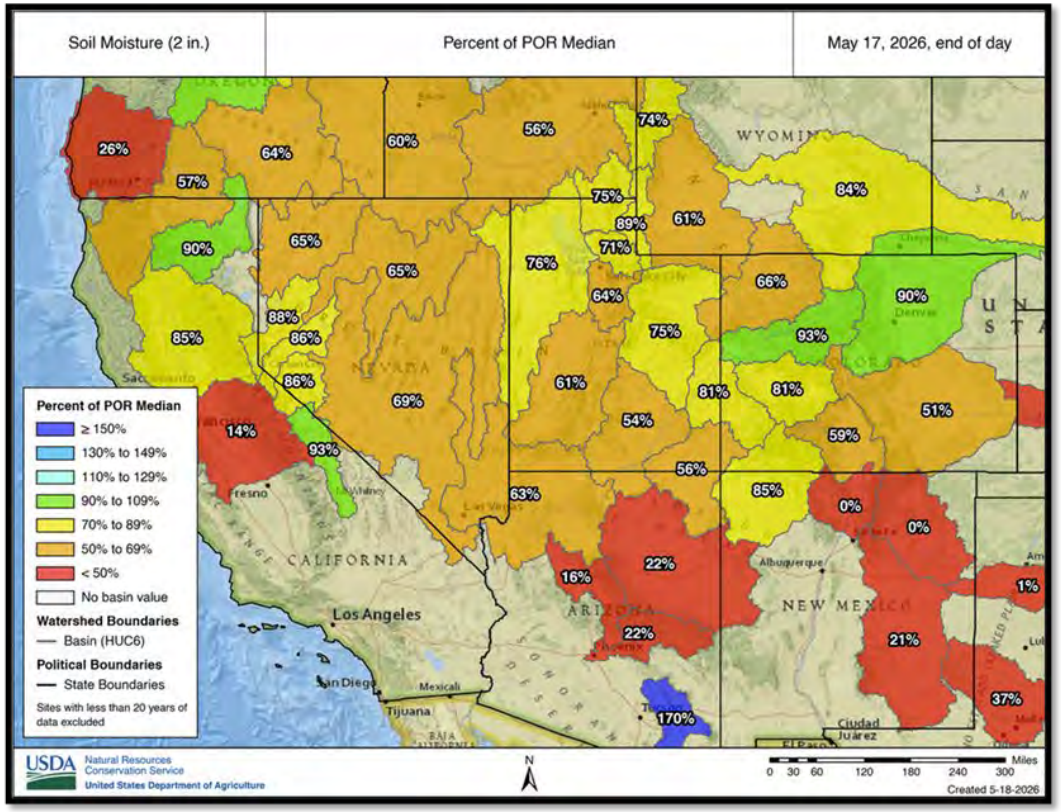
Presenter - Jon Meyer

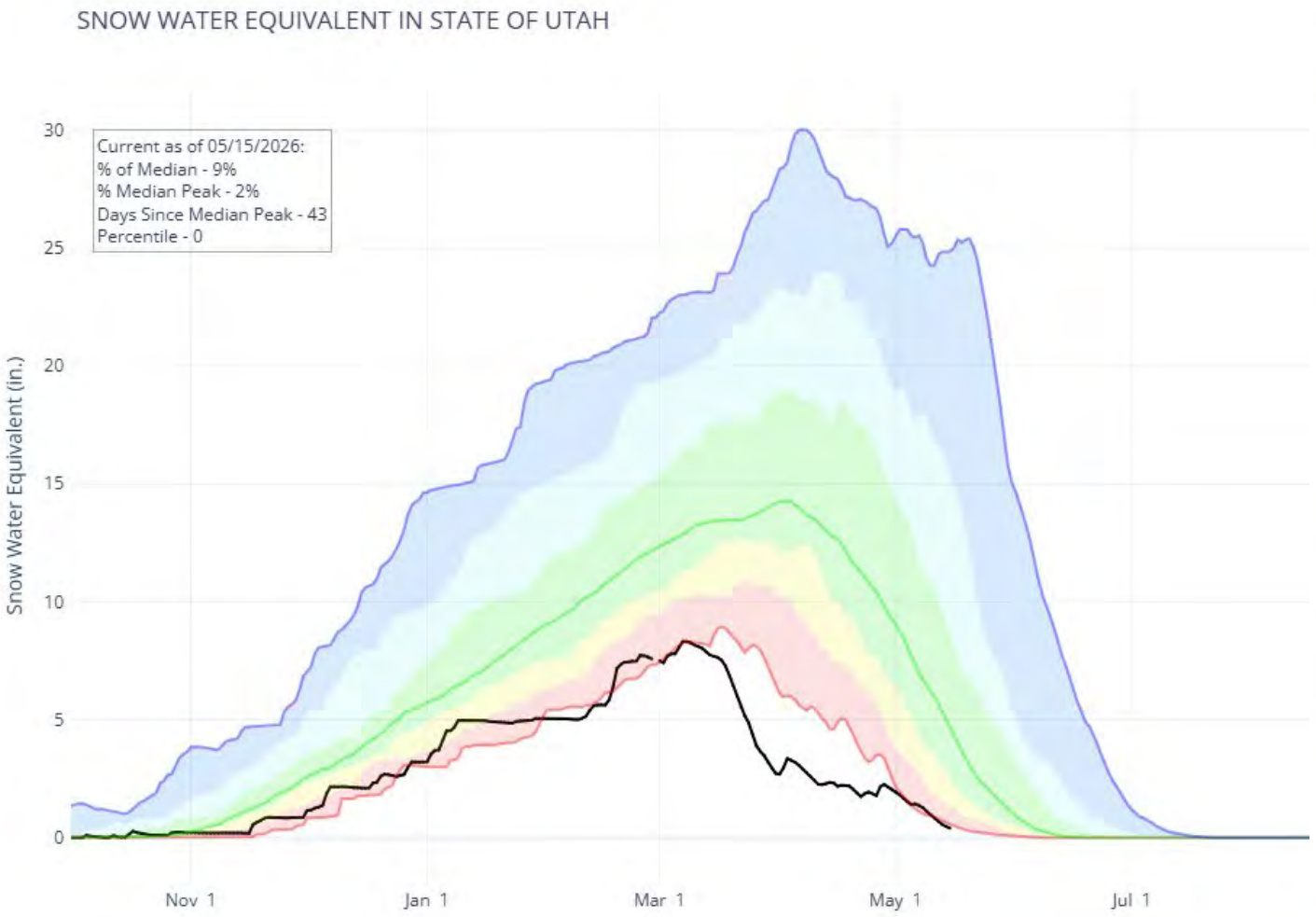
Pre-Monsoon Conditions

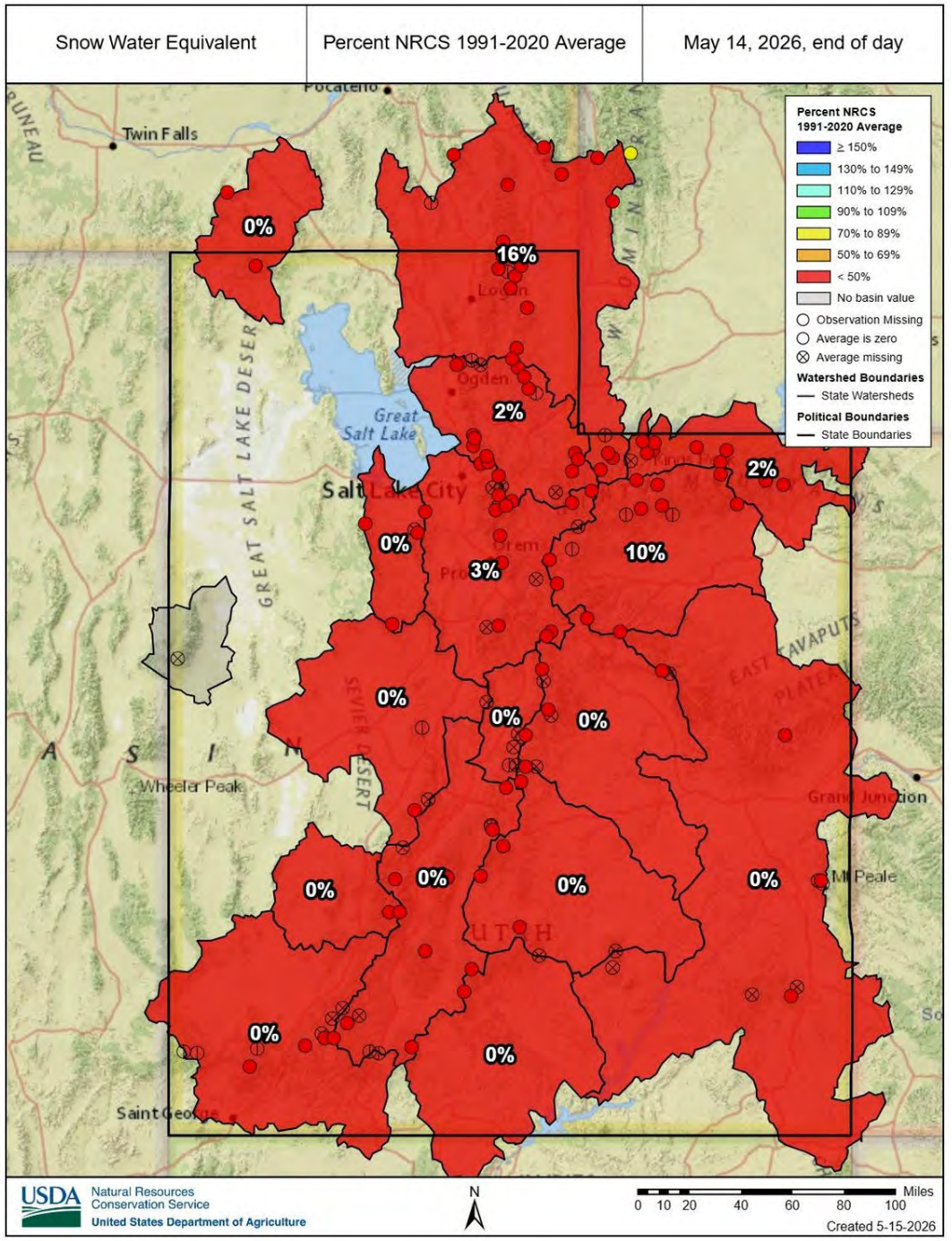




Agency - Utah Climate Center
Presenter - Jon Meyer

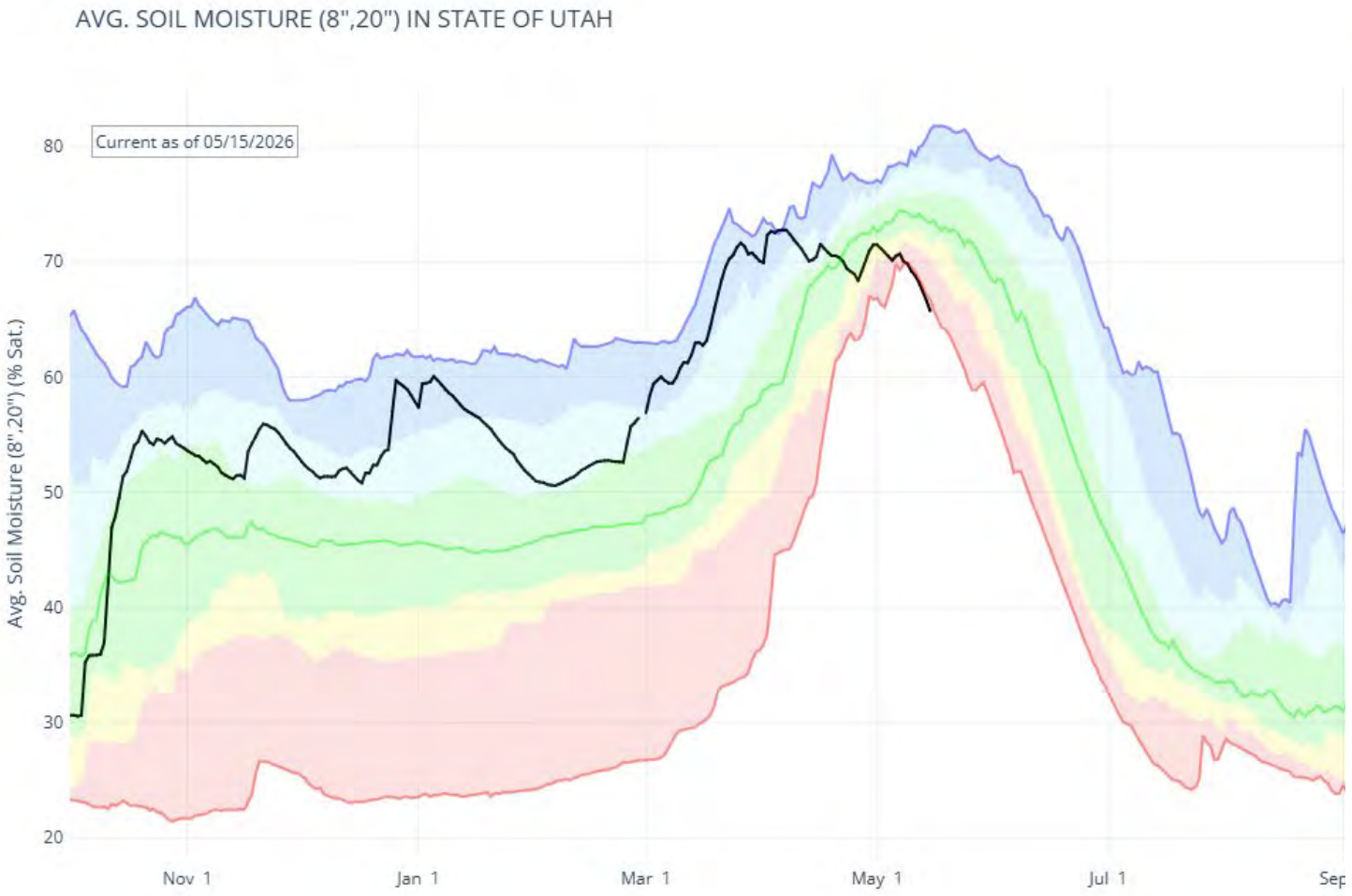
Precipitation

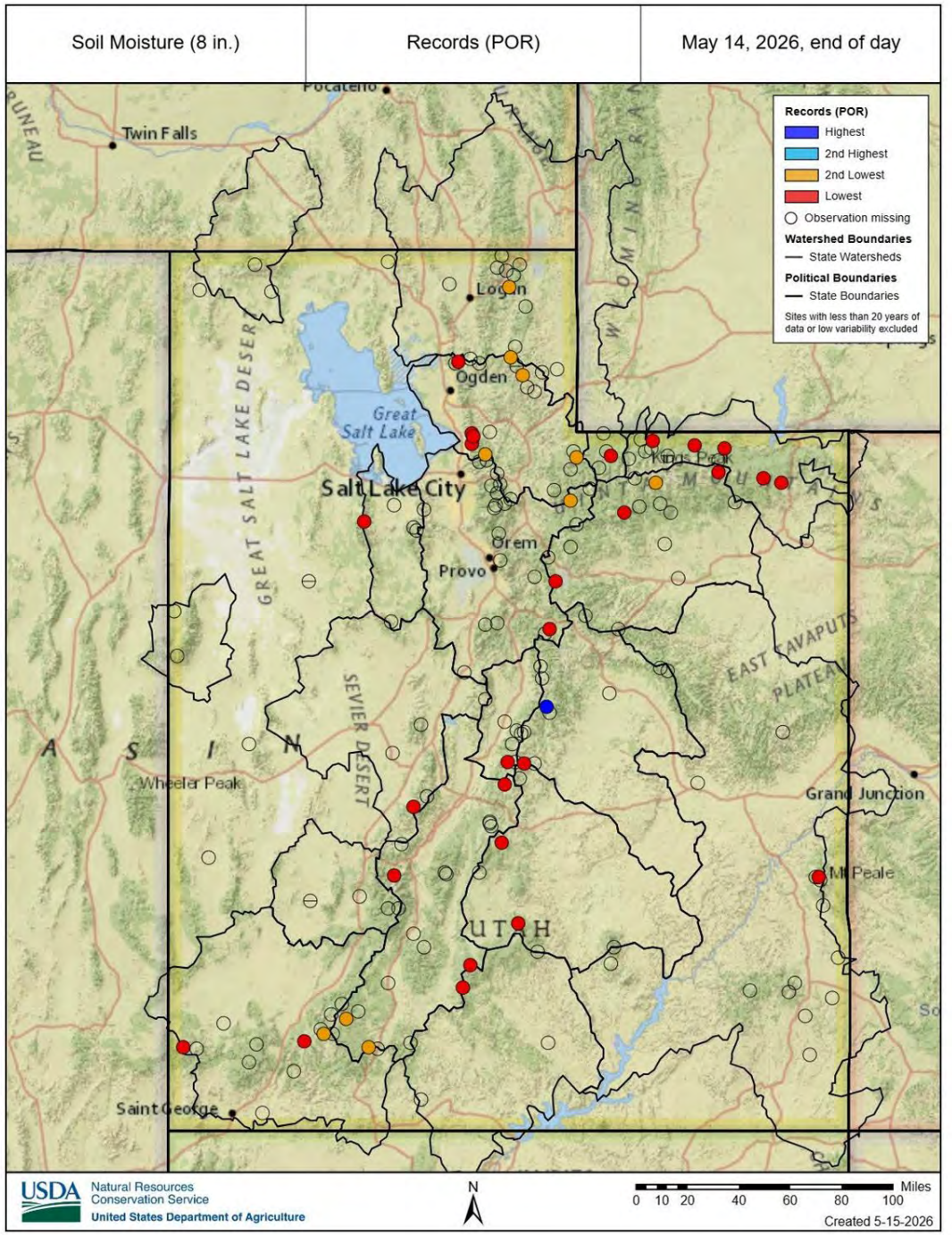




Agency - NRCS Snow Survey
Presenter –

Soil Moisture





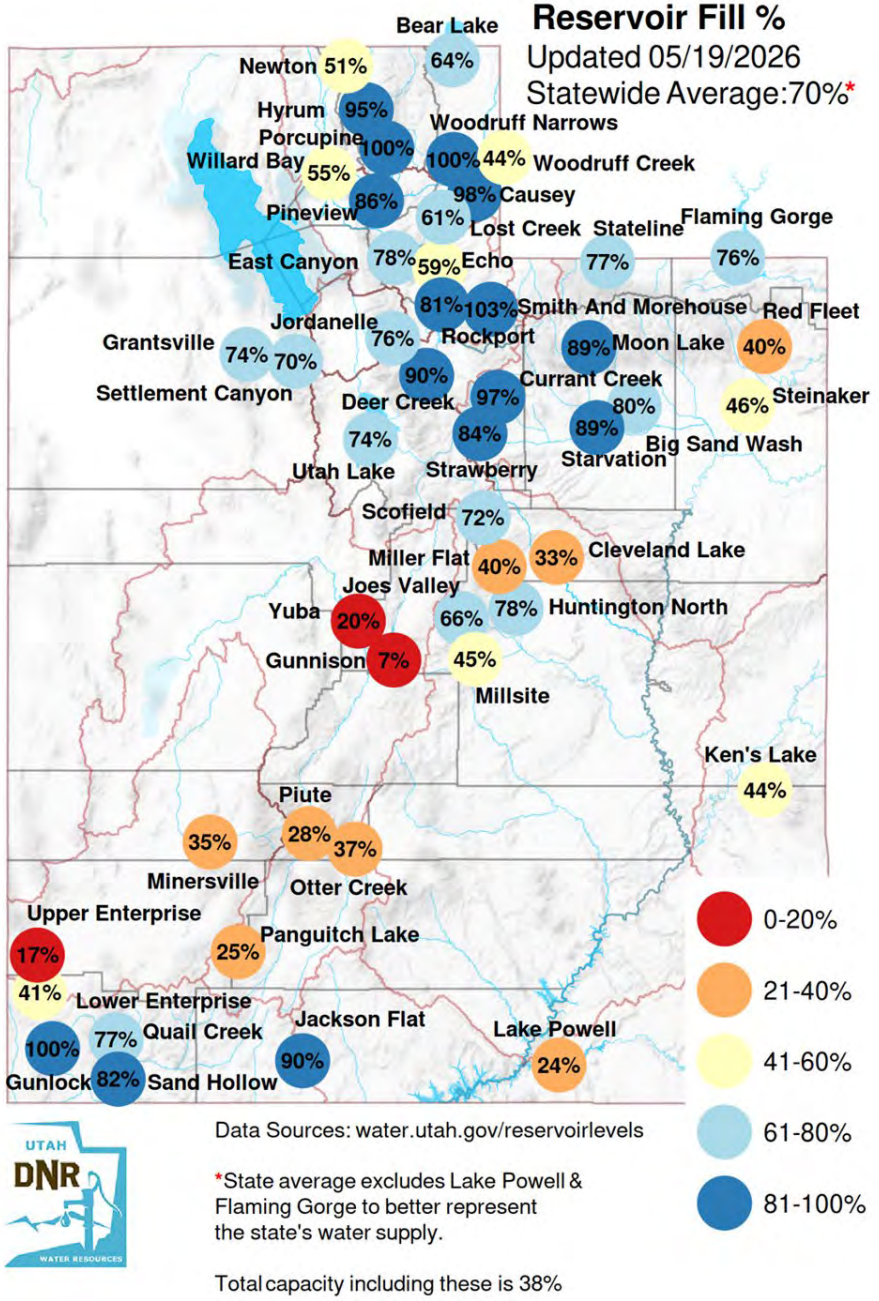
Agency – NRCS
Presenter –

Statewide Reservoirs

Statewide reservoir storage is 70%

Storage has started to decline

Just below median for this time of year



Agency - Utah Division of Water Resources
Presenter – Laura Haskell

Reservoir Storage

System storage: 78% full

(Excluding Powell, Flaming Gorge, Fontenelle)
~0.4% lower than last month (79%)
~16% lower than last year (~94%)
~3% lower than the 22-year avg. (~81%)

Basin storage: 63-86% full

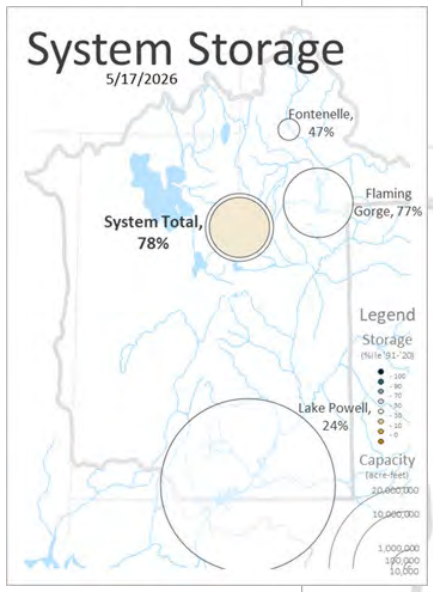
Duchesne, Price/San Rafael >med.
Bear, Weber, Provo, Upper Green <med.

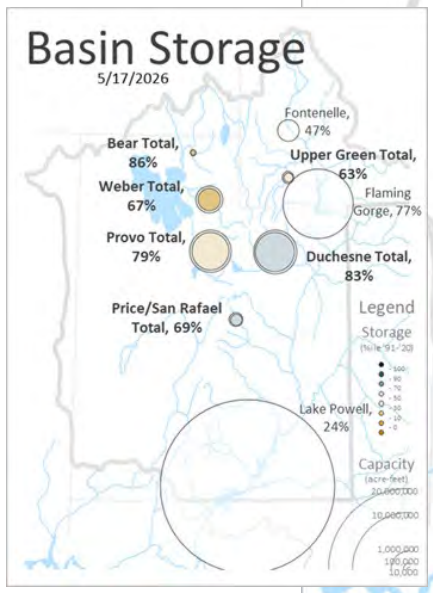
Reservoir storage: 20-99% full

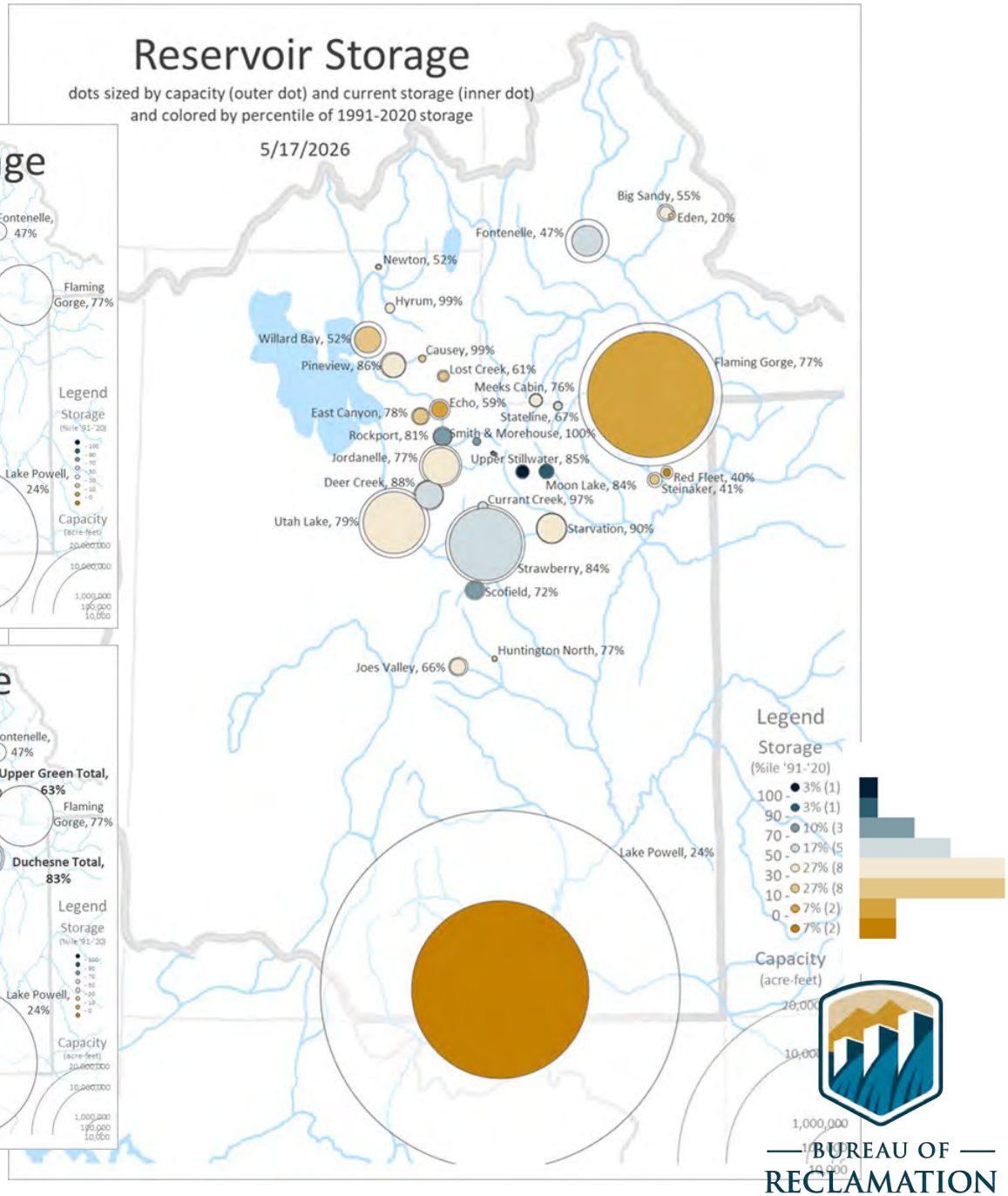
11/30 >30-year median

Outlook

storage receding



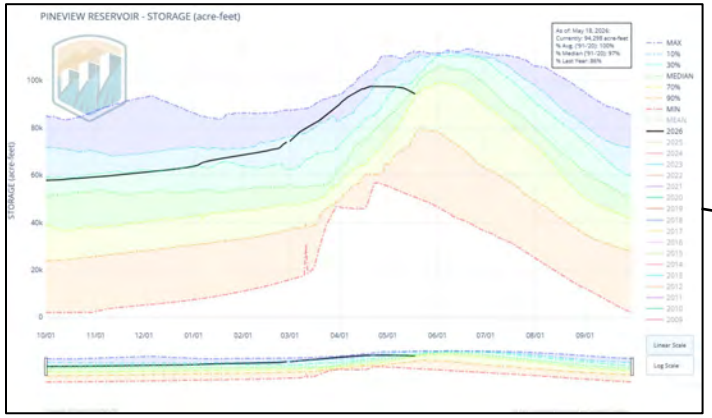


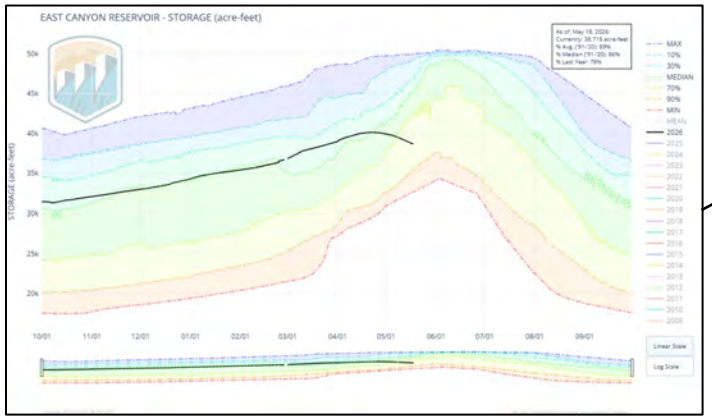


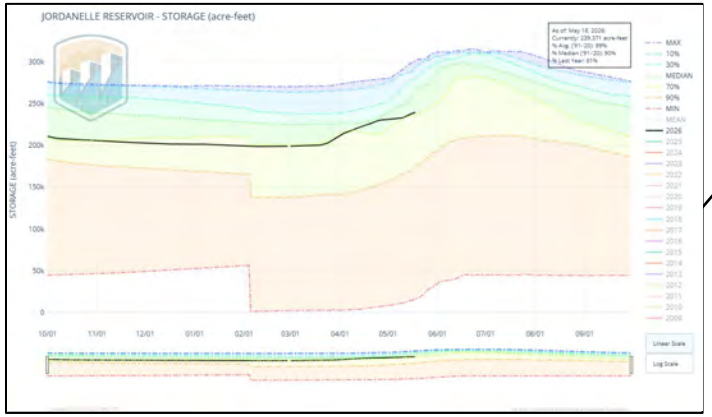
Agency - USBR
Presenter – Gary Henrie

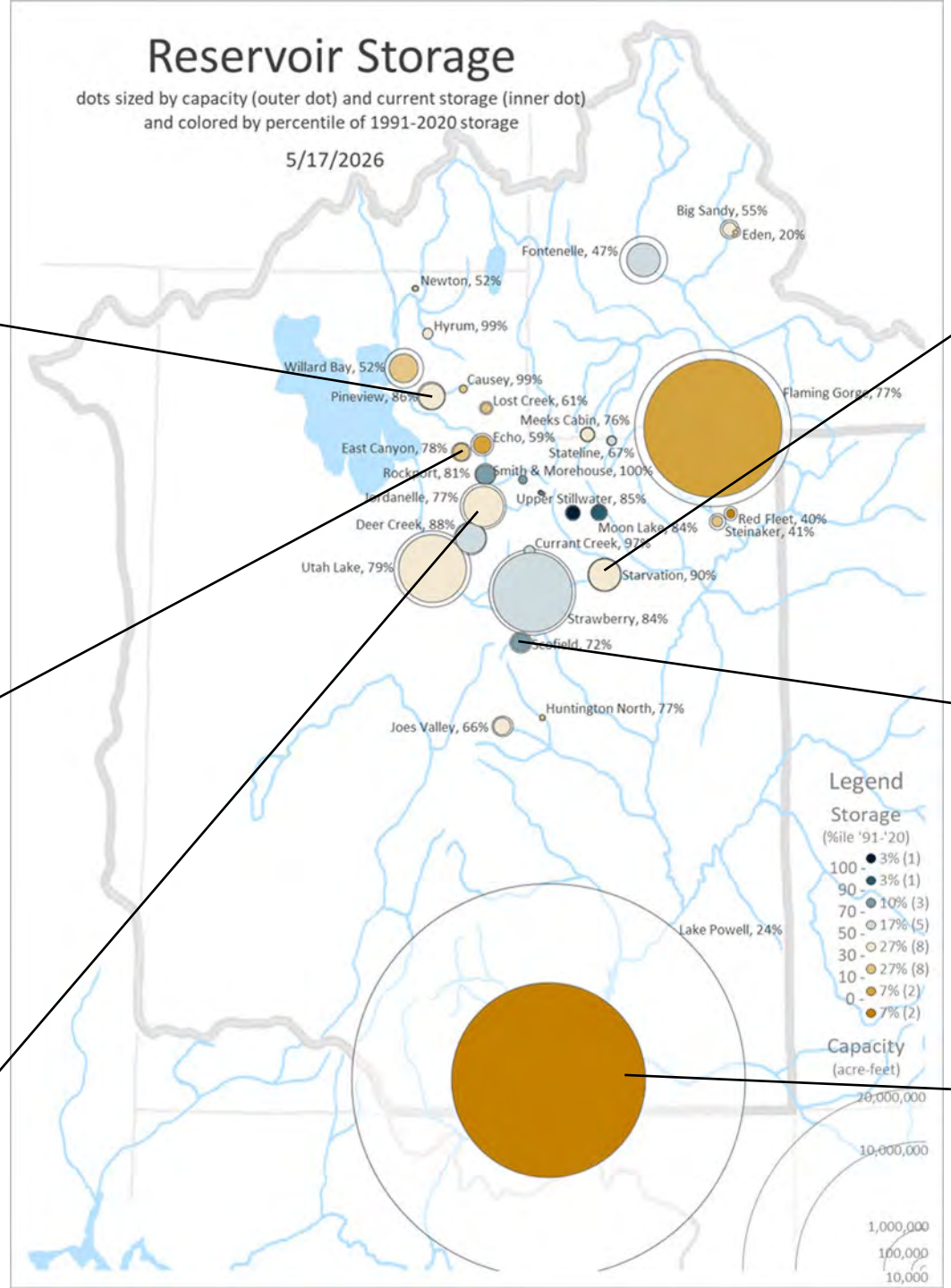
BUREAU OF RECLAMATION

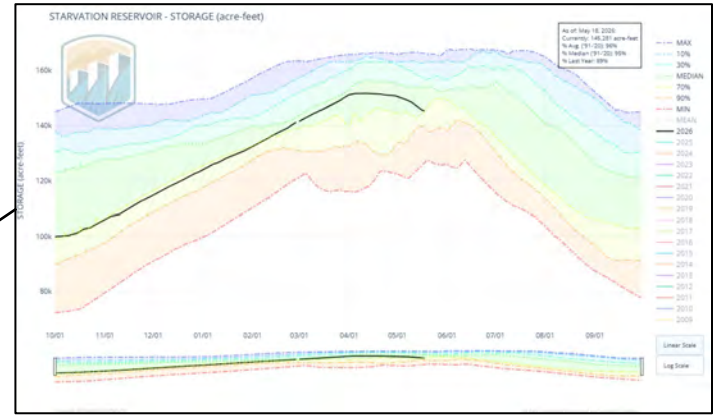
Reservoir Storage

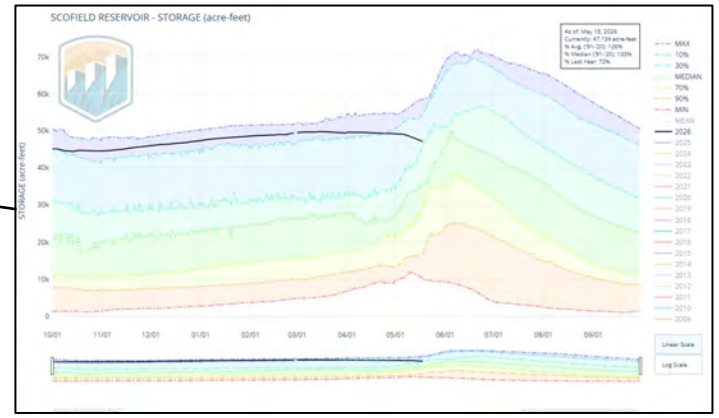


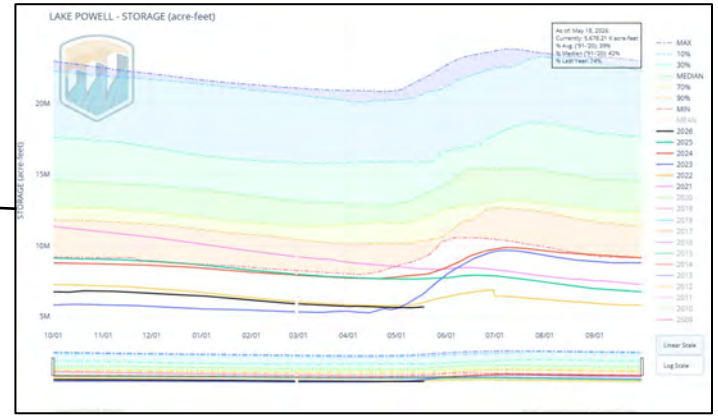




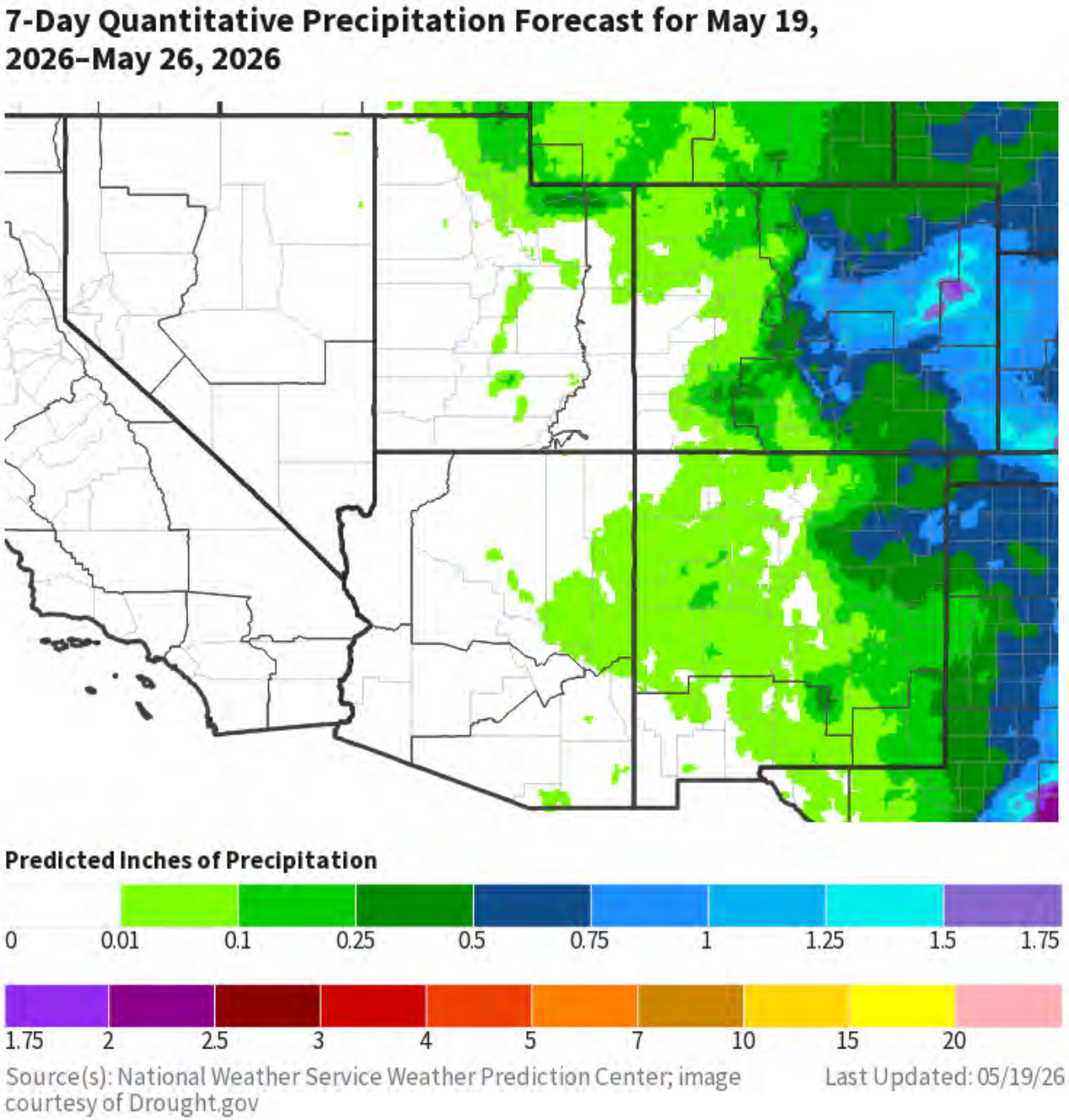






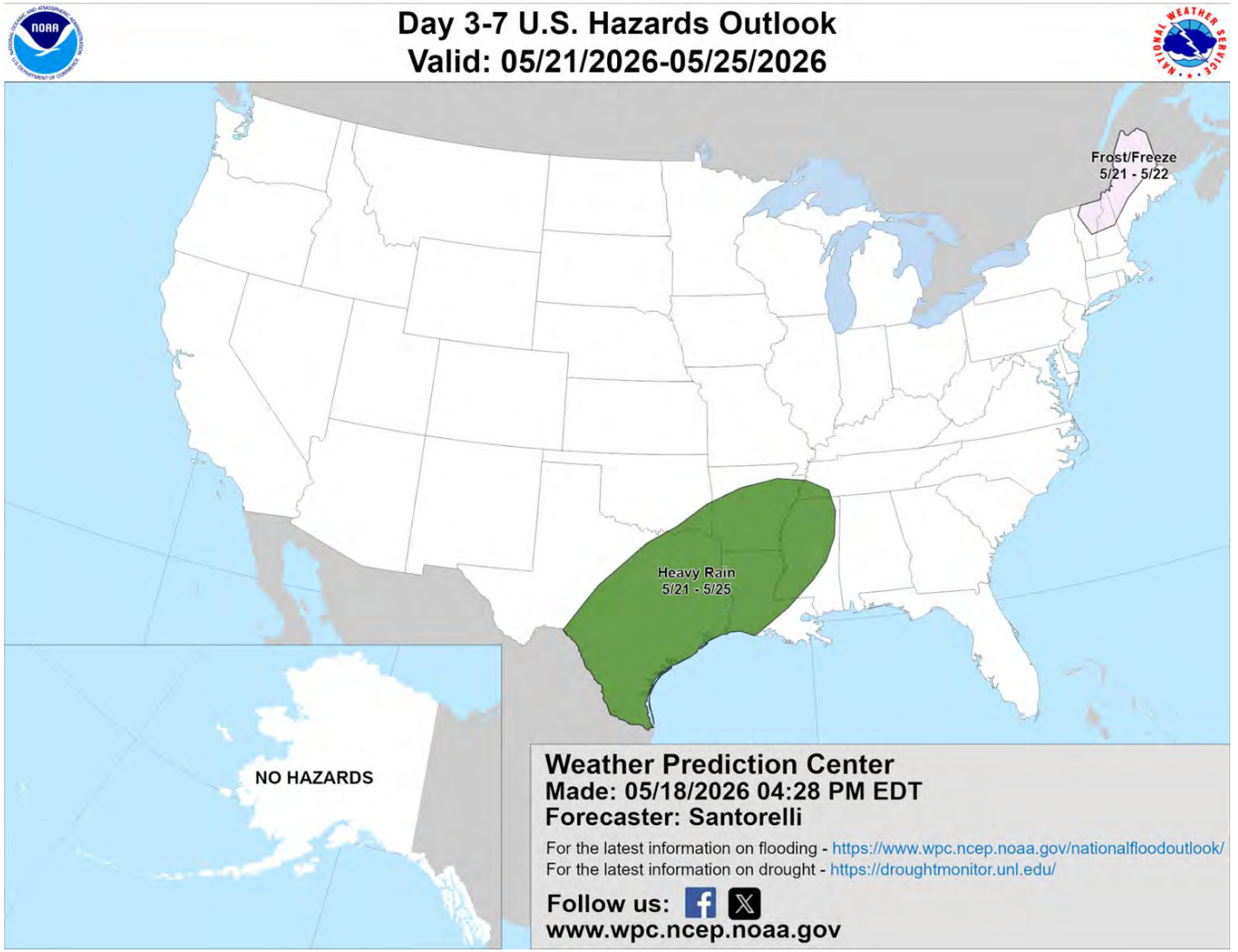


Day 1 to 7 Outlook



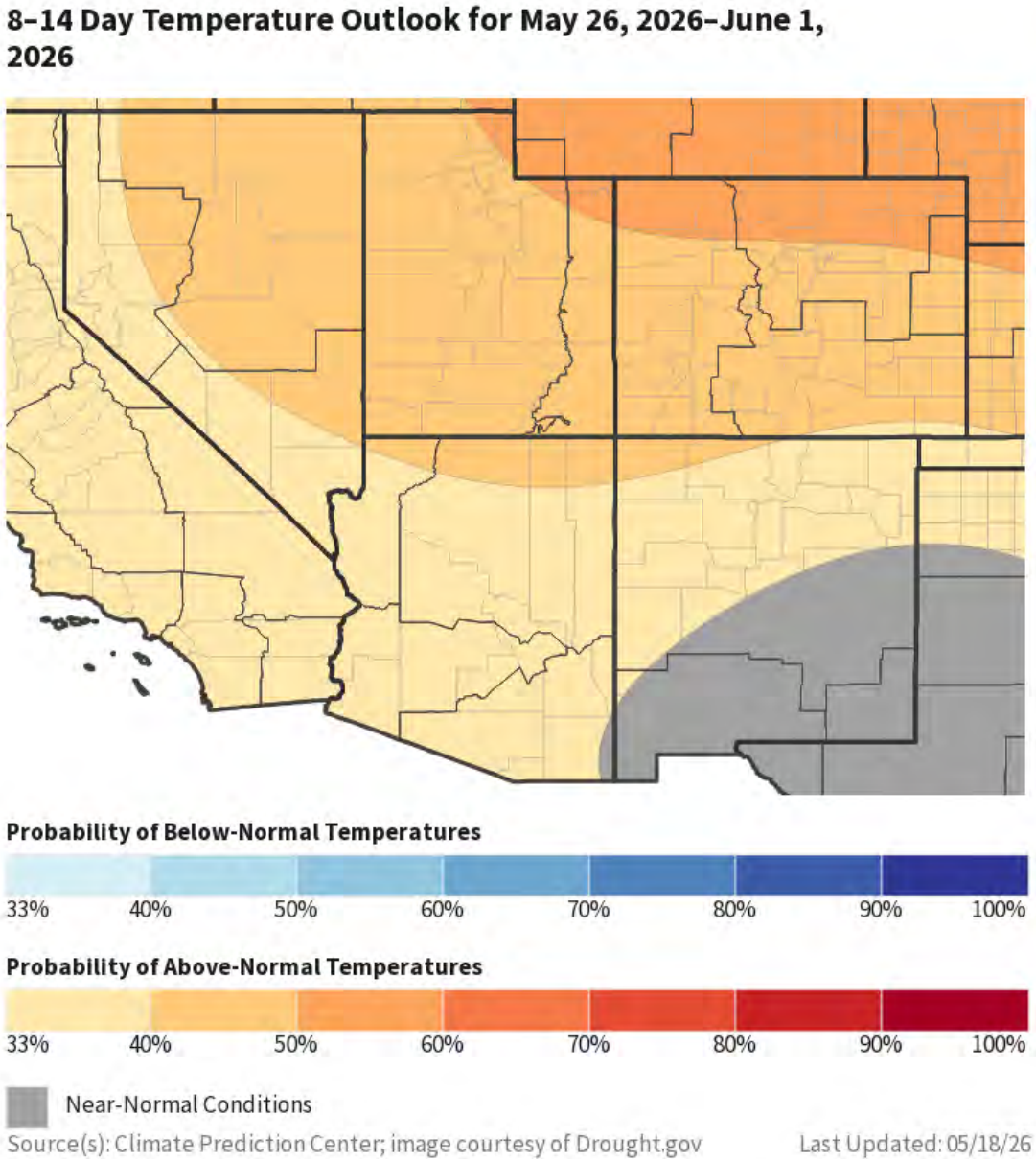
Agency – National Weather Service
Presenter – Jorge Gonzalez

Day 3 to 7 Hazards



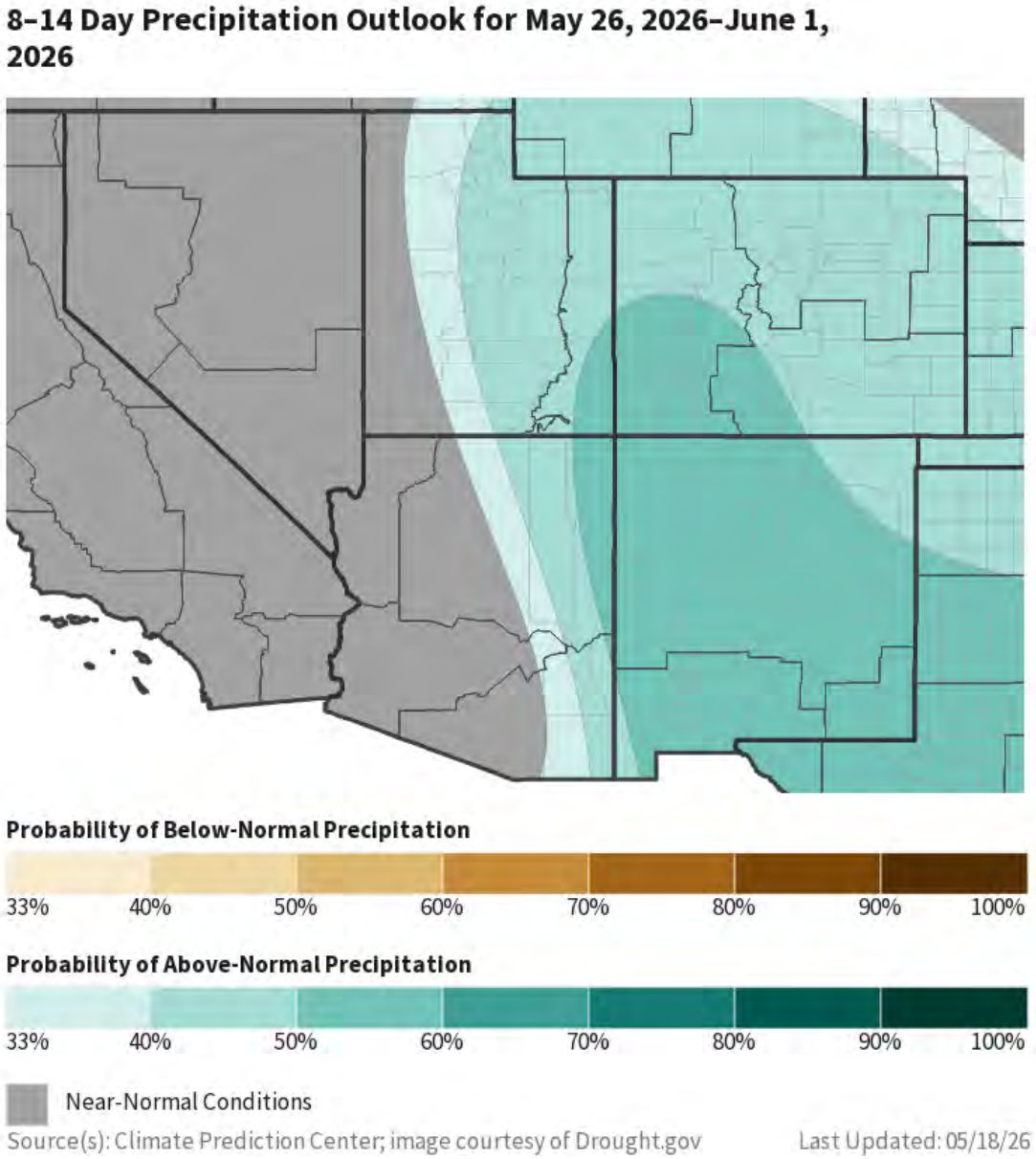
Agency – National Weather Service
Presenter – Jorge Gonzalez

8 to 14 Day Outlooks - Temperature



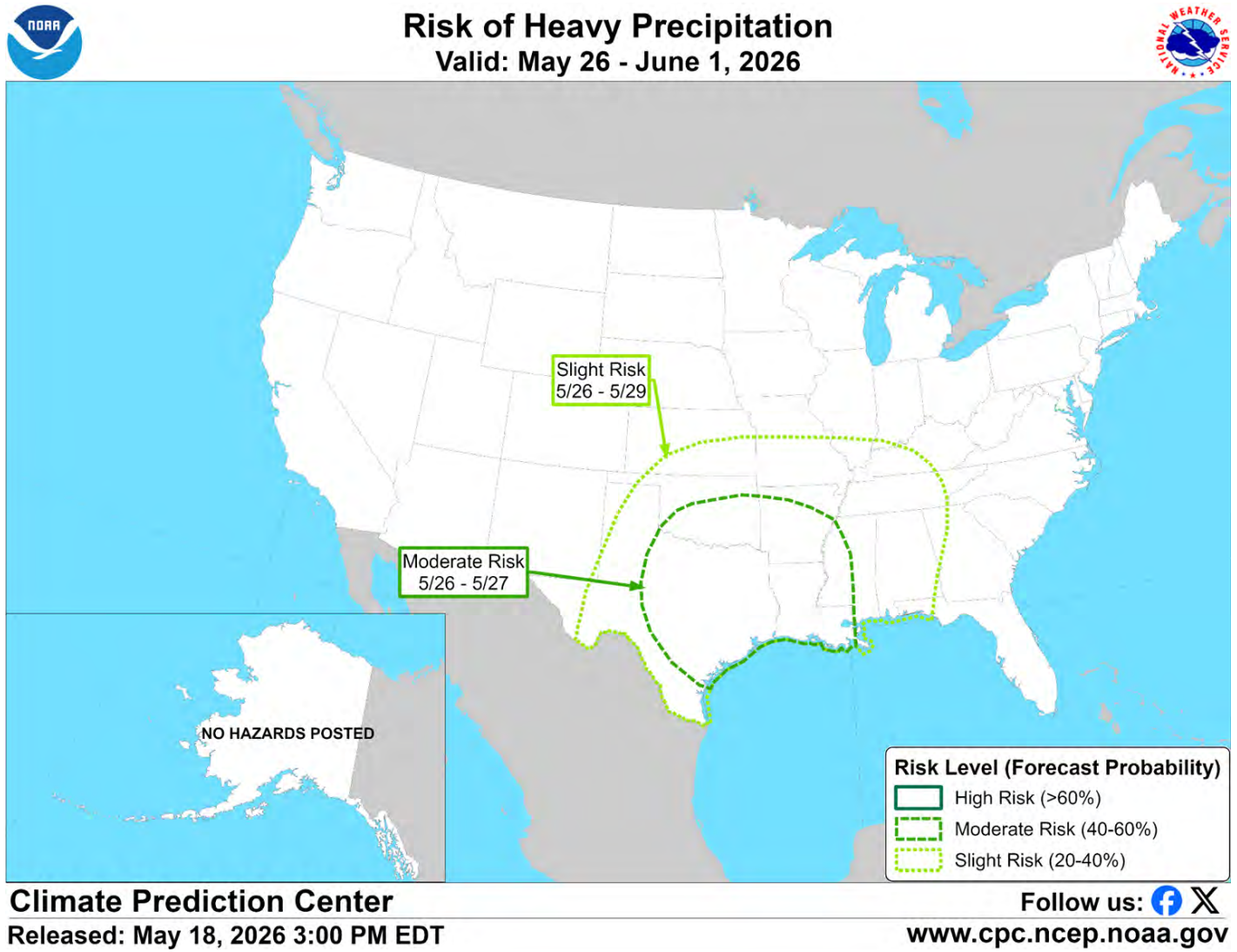
Agency – National Weather Service
Presenter – Jorge Gonzalez

8 to 14 Day Outlooks - Precipitation



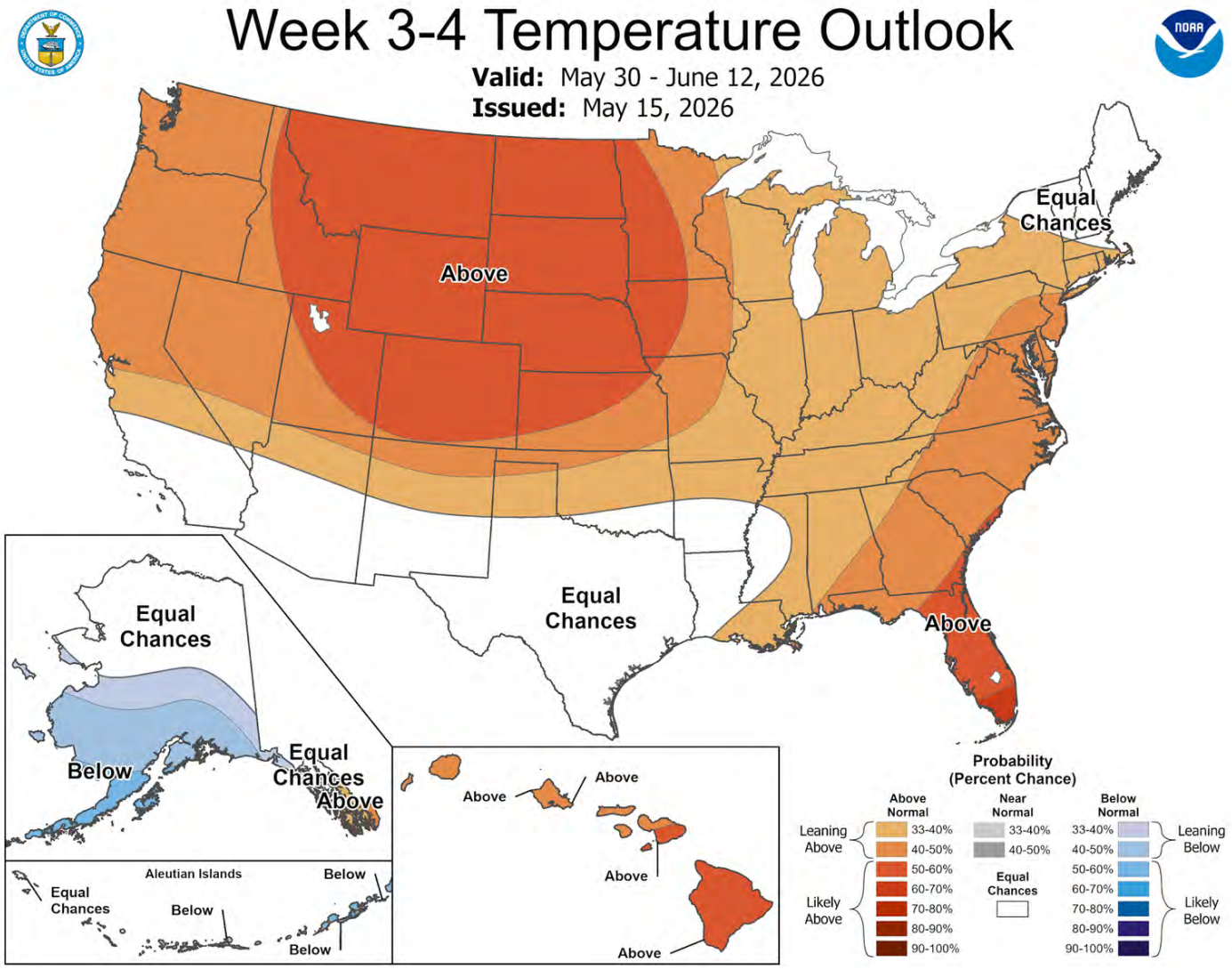
Agency – National Weather Service
Presenter – Jorge Gonzalez

U.S Week-2 Hazards Outlook



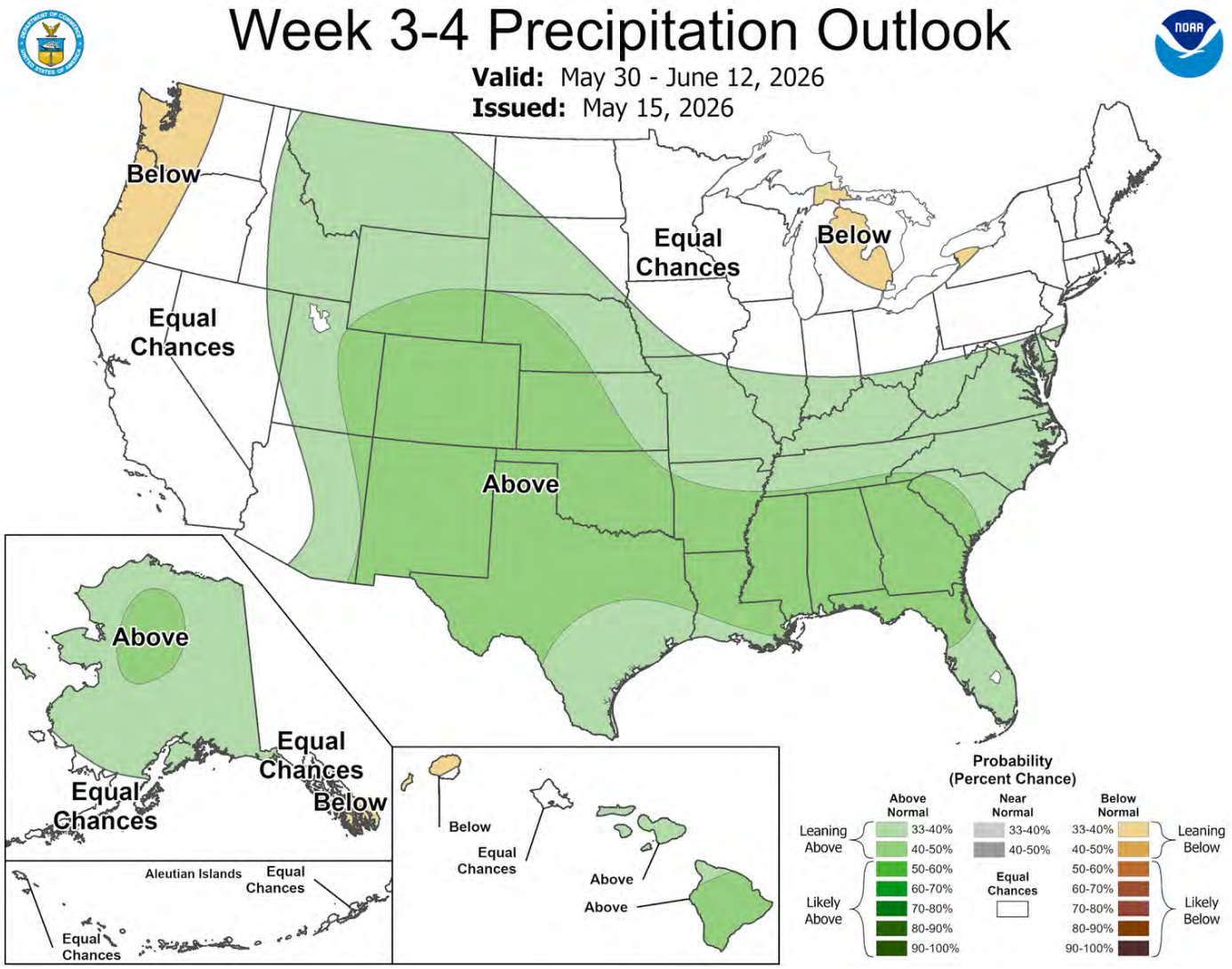
Agency – National Weather Service
Presenter – Jorge Gonzalez

3 – 4 Week Outlook



Agency – National Weather Service
Presenter – Jorge Gonzalez

3 – 4 Week Outlook

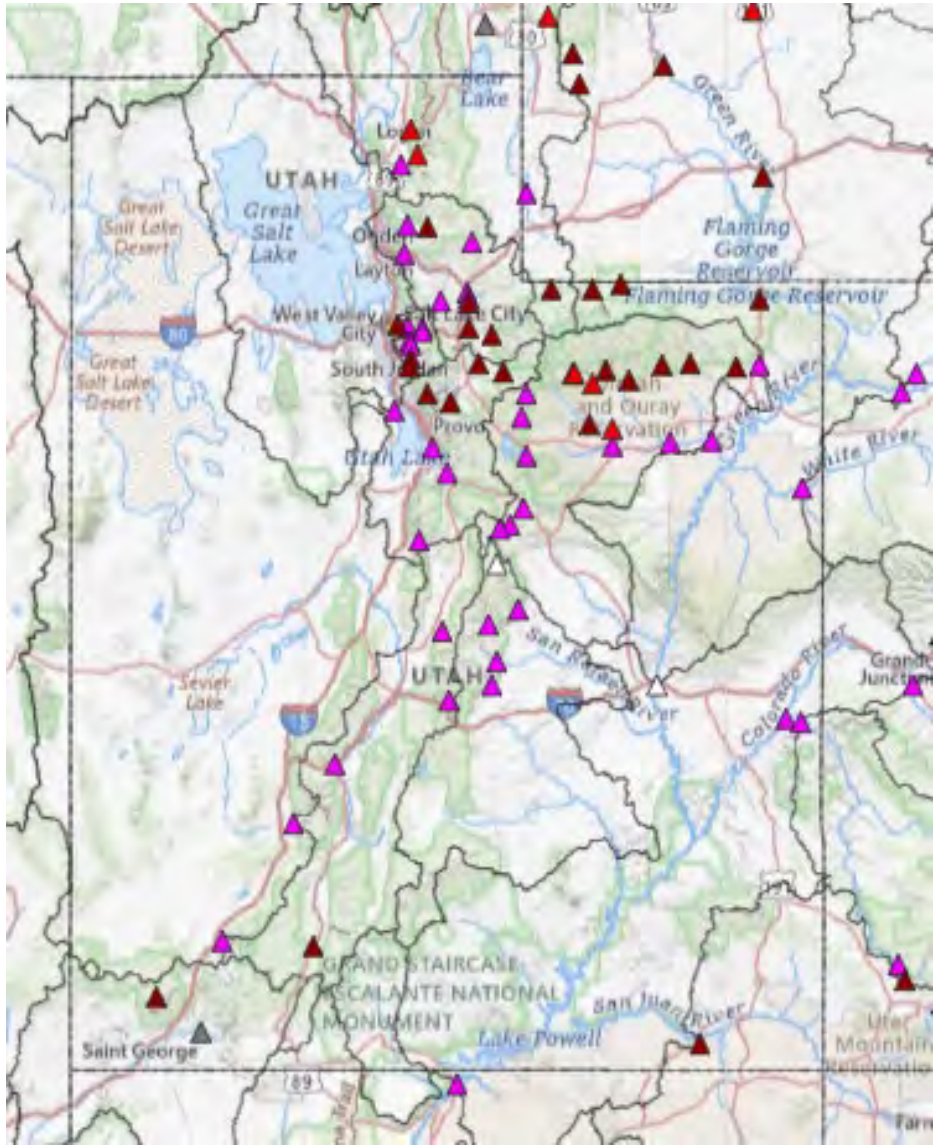


Agency – National Weather Service
Presenter – Jorge Gonzalez

Colorado Basin River Forecast Center

Presenter – Jorge Gonzalez

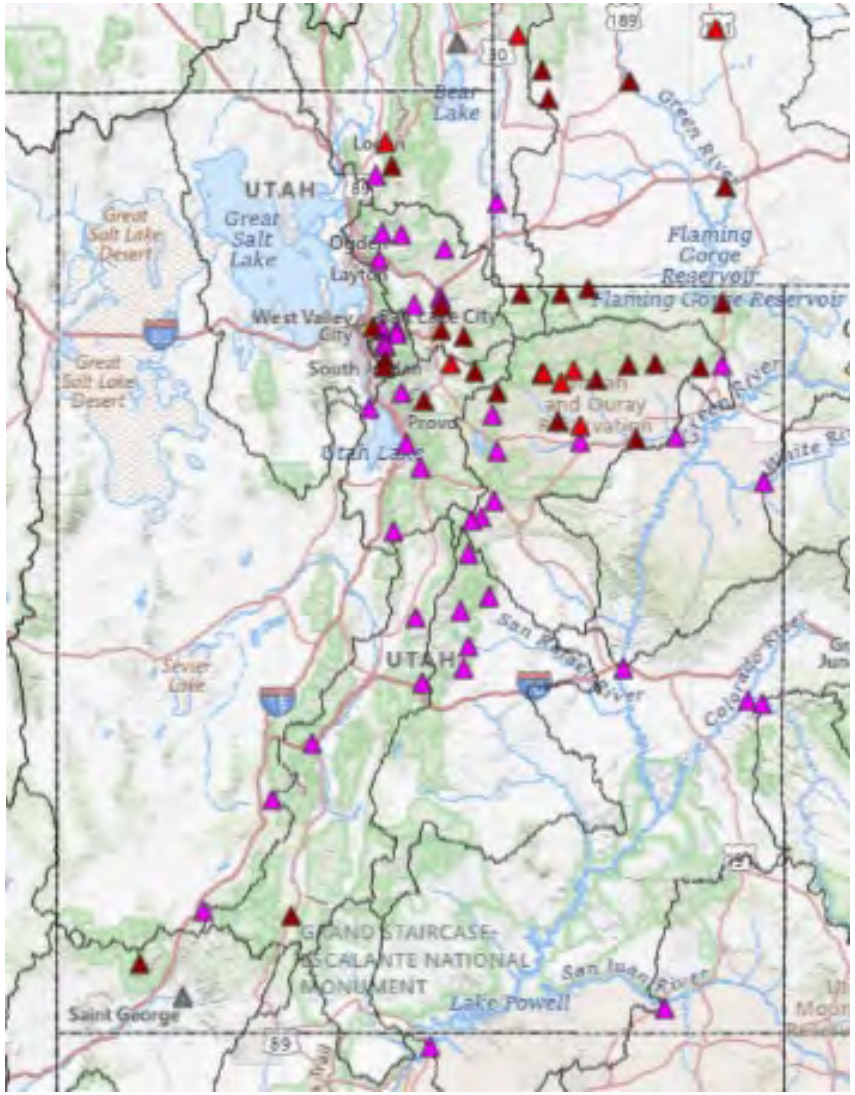
05/05/2026

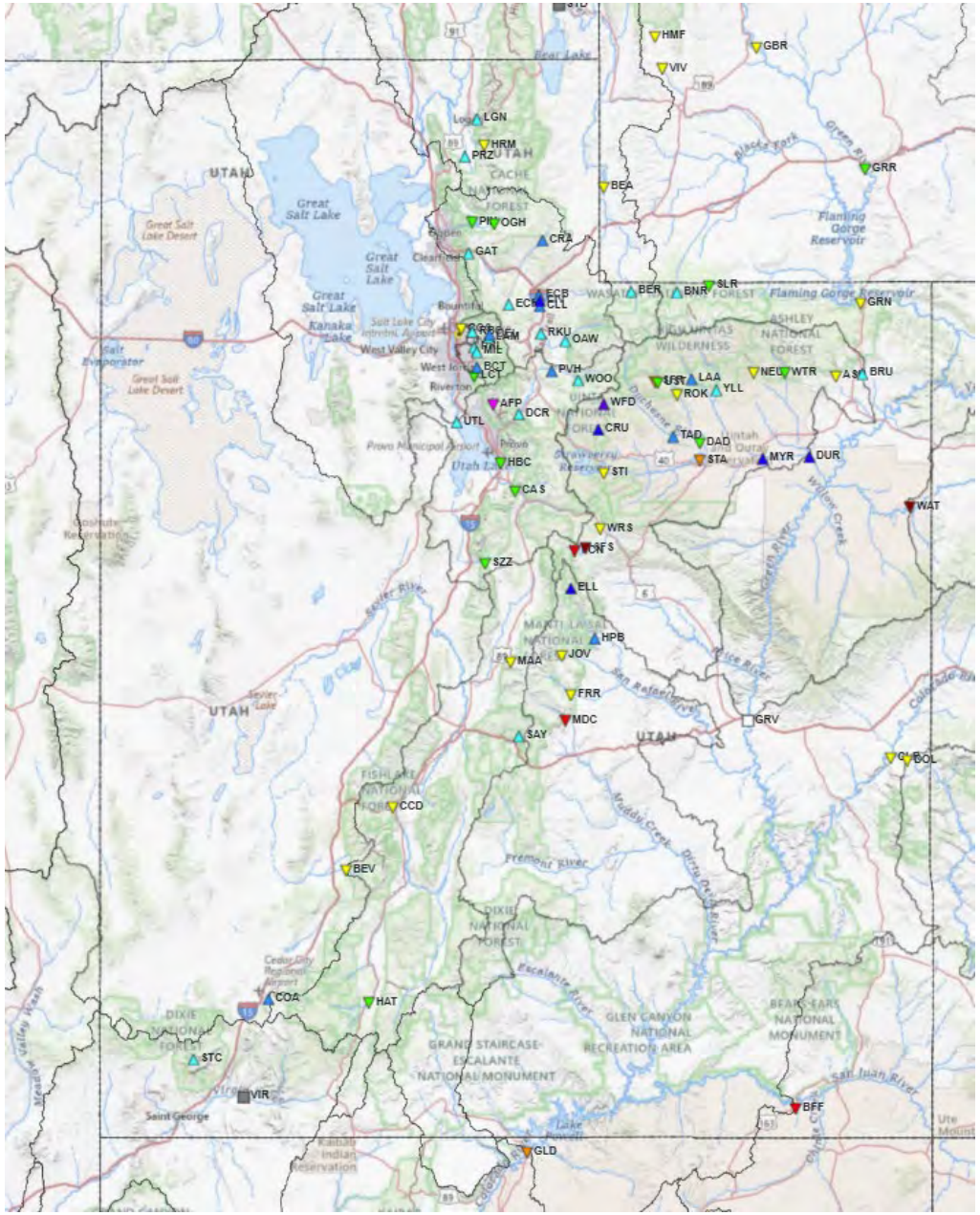


Percent Average

- < 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

05/18/2026





Streamflow forecast

Comparing to 5/5, active weather has not altered the water supply outlook. As of May 18, forecasts remain steady and dry.

Ten Highest Forecast Points

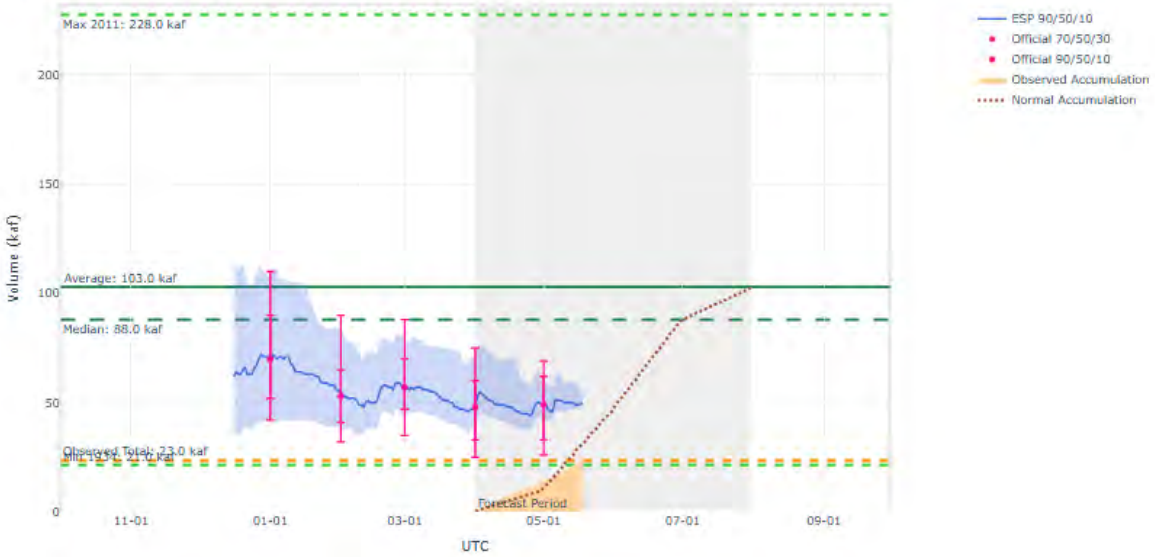
Slot	Area	Sub Area	Forecast Group	RFC	HSA	St	NWS ID	River	Location	ESP Date	Forecast Period	MP 50	Avg	Pct Avg	%ile	Pct Diff Day	Pct Diff Week	Pct Diff Month
29	Green	Duchesne	Duchesne-Price	CBRFC	SLC	UT	USTU1	Rock Ck	Upper Stillwater Reservoir	2026-05-18	Apr-Jul	46.0	72.0	63%	16	8%	0%	18%
5	Great	Bear	Bear	CBRFC	SLC	UT	LGNU1	Logan	Logan; Nr; State Dam; Abv	2026-05-18	Apr-Jul	65.0	106	62%	22	3%	10%	9%
31	Green	Duchesne	Duchesne-Price	CBRFC	SLC	UT	ROKU1	Rock Ck	Mountain Home; Nr	2026-05-18	Apr-Jul	52.0	87.0	60%	11	7%	0%	13%
34	Green	Duchesne	Duchesne-Price	CBRFC	SLC	UT	DADU1	Duchesne	Duchesne; Nr; Knight Div; Abv	2026-05-18	Apr-Jul	103	188	55%	9	4%	-1%	12%
28	Green	Duchesne	Duchesne-Price	CBRFC	SLC	UT	LAAU1	Lake Fork	Moon Lake Reservoir; Mtn Home; Nr	2026-05-18	Apr-Jul	34.0	64.0	52%	8	10%	6%	16%
19	Great	Utah Lake	Provo-Utah Lake	CBRFC	SLC	UT	PVHU1	Provo	Hailstone; Nr	2026-05-18	Apr-Jul	53.0	106	50%	11	2%	1%	-6%
33	Green	Duchesne	Duchesne-Price	CBRFC	SLC	UT	TADU1	Duchesne	Tabiona; Nr	2026-05-18	Apr-Jul	50.0	103	49%	7	2%	0%	7%
8	Great	Weber	Weber	CBRFC	SLC	UT	OAWU1	Weber	Oakley; Nr	2026-05-18	Apr-Jul	54.0	111	49%	4	6%	-3%	-4%
35	Great	Six Creeks	Six Creeks-Jordan	CBRFC	SLC	UT	LCTU1	Little Cottonwood Ck	Salt Lake City; Nr	2026-05-18	Apr-Jul	16.4	34.0	48%	1	1%	-2%	-18%
27	Green	Duchesne	Duchesne-Price	CBRFC	SLC	UT	YLLU1	Yellowstone	Altonah; Nr	2026-05-18	Apr-Jul	29.0	60.0	48%	3	7%	3%	0%

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	%ile	Pct Diff Day	Pct Diff Week	Pct Diff Month
30	Great	Six Creeks	Six Creeks-Jordan	CBRFC	SLC	UT	DELU1	Dell Fk	Little Dell Reservoir	2026-05-18	Apr-Jul	0.650	4.40	15%	3	1%	4%	10%
25	Great	Utah Lake	Provo-Utah Lake	CBRFC	SLC	UT	SZZU1	Salt Ck	Nephi Powerplant Div; Blo	2026-05-18	Apr-Jul	1.07	7.80	14%	3	5%	3%	-22%
47	Green	Lower	San Rafael-Dirty Devil	CBRFC	SLC	UT	FRRU1	Ferron Ck	Ferron; Nr	2026-05-18	Apr-Jul	4.50	35.0	13%	0	-2%	1%	-37%
6	Sevier		Sevier	CBRFC	SLC	UT	SAYU1	Salina Ck	Emery; Nr	2026-05-18	Apr-Jul	0.800	6.20	13%	1	0%	1%	-5%
48	Green	Lower	San Rafael-Dirty Devil	CBRFC	SLC	UT	MDCU1	Muddy Ck	Emery; Nr	2026-05-18	Apr-Jul	2.20	18.3	12%	0	0%	-6%	-47%
45	Green	Lower	San Rafael-Dirty Devil	CBRFC	SLC	UT	HPBU1	Huntington Ck	Power Plant; Blo	2026-05-18	Apr-Jul	5.00	40.0	12%	0	0%	12%	56%
41	Green	Lower	Duchesne-Price	CBRFC	SLC	UT	SFSU1	Price	Scofield Reservoir; Scofield; Nr	2026-05-18	Apr-Jul	3.60	34.0	11%	0	-1%	-11%	-39%
40	Green	Lower	Duchesne-Price	CBRFC	SLC	UT	FCNU1	Fish Ck	Scofield; Nr; Reservoir; Abv	2026-05-18	Apr-Jul	2.90	26.0	11%	0	0%	-8%	-27%
22	Great	Utah Lake	Provo-Utah Lake	CBRFC	SLC	UT	HBCU1	Hobble Ck	Springville; 700 East	2026-05-18	Apr-Jul	1.65	16.5	10%	11	2%	4%	-13%
42	Green	Lower	Duchesne-Price	CBRFC	SLC	UT	WRSU1	White	Blo Tabbyune Ck; Soldier Summit; Nr	2026-05-18	Apr-Jul	1.03	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 (2026-05-18): 50 kaf (49% Avg, 57% Med), (6% of Yrs Below Fcst, 101 Highest Flow / 107 Tot Yrs)
Observed Volume: 23 kaf (23% Average, 27% Median)

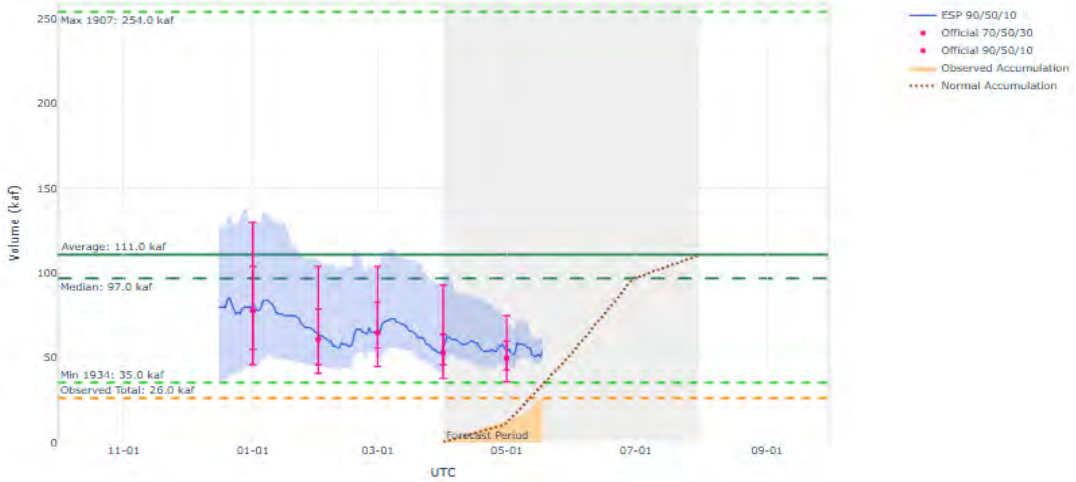


2026 Water Supply Forecast - Little Cottonwood Ck - Salt Lake City, Nr (LCTU1)

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 (2026-05-18): 16.4 kaf (48% Avg, 53% Med), (0% of Yrs Below Fcst, 67 Highest Flow / 66 Tot Yrs)
Observed Volume: 6.4 kaf (19% Average, 21% Median)

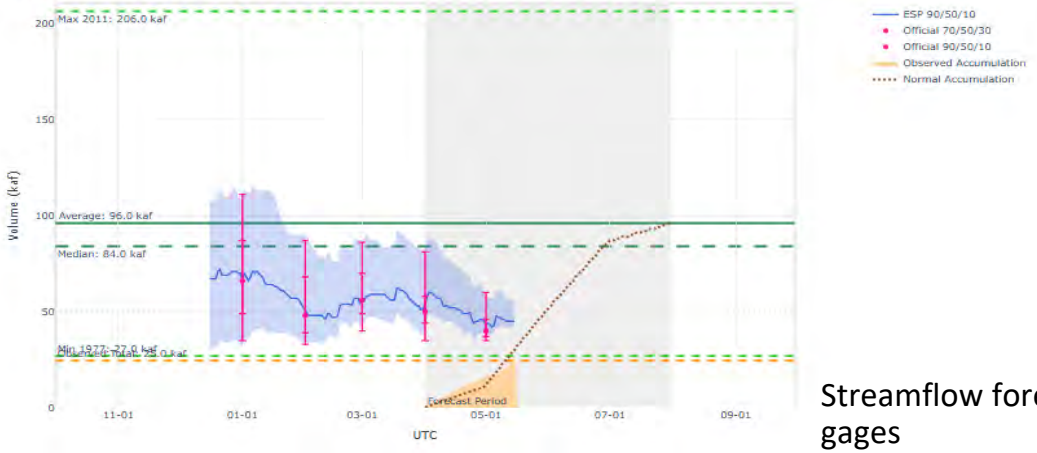
2026 Water Supply Forecast - Weber - Oakley, Nr (OAWU1)

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 (2026-05-18): 54 kaf (49% Avg, 56% Med), (4% of Yrs Below Fcst, 116 Highest Flow / 120 Tot Yrs)
Observed Volume: 26 kaf (24% Average, 27% Median)



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

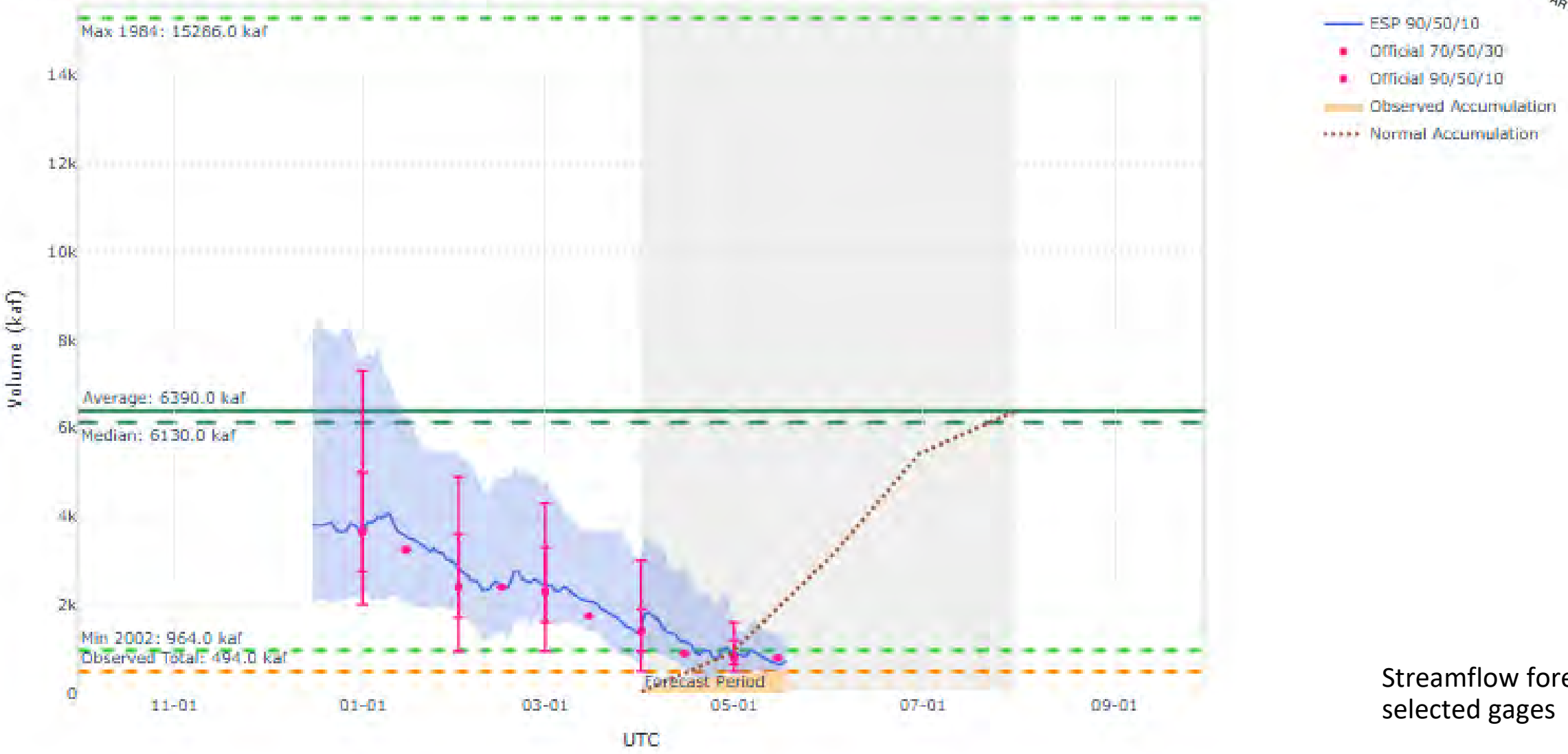
ESP is Unregulated and No Precipitation Forecast Included
Official 50% Fcst (2026-05-01): 40 kaf (42% Avg, 48% Med), (4% of Yrs Below Fcst, 59 Highest Flow / 61 Tot Yrs)
ESP 50% Fcst (2026-05-15): 45 kaf (46% Avg, 53% Med), (4% of Yrs Below Fcst, 59 Highest Flow / 61 Tot Yrs)
Observed Volume: 25 kaf (26% Average, 29% Median)



Streamflow forecast at selected gages

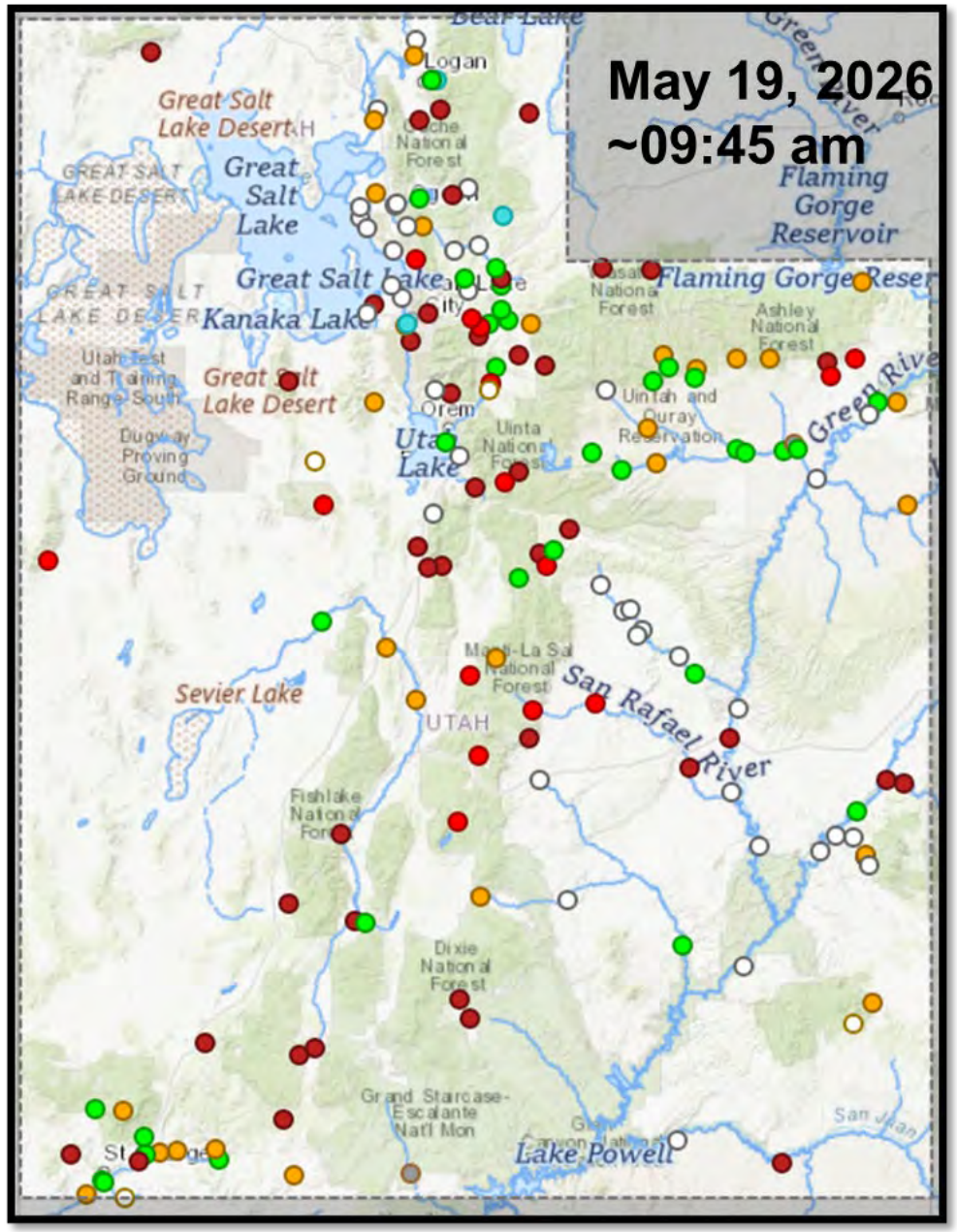
2026 Water Supply Forecast - Colorado - Lake Powell, Glen Cyn Dam, At (GLDA3)

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 (2026-05-18): 739 kaf (12% Avg, 12% Med), (0% of Yrs Below Fcst, 63 Highest Flow / 62 Tot Yrs)
Observed Volume: 494 kaf (8% Average, 8% Median)



Streamflow forecast at selected gages

Current Streamflows



National Water Dashboard

Percentage of Gages

Day-of-Year Status	May 5	May 19
All-time high for this day-of-year	0.0%	0.0%
Much above normal for this day-of-year	0.6%	0.0%
Above normal for this day-of-year	2.4%	1.8%
Normal for this day-of-year	24.4%	20.2%
Below normal for this day-of-year	16.1%	17.3%
Much below normal for this day-of-year	19.6%	25.0%
All-time low for this day-of-year	11.3%	8.9%
Not ranked - insufficient record	23.2%	23.2%
Not ranked - no measurement	0.6%	1.2%
Not ranked - stream not flowing	1.8%	2.4%

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	

Provisional data, subject to revision

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

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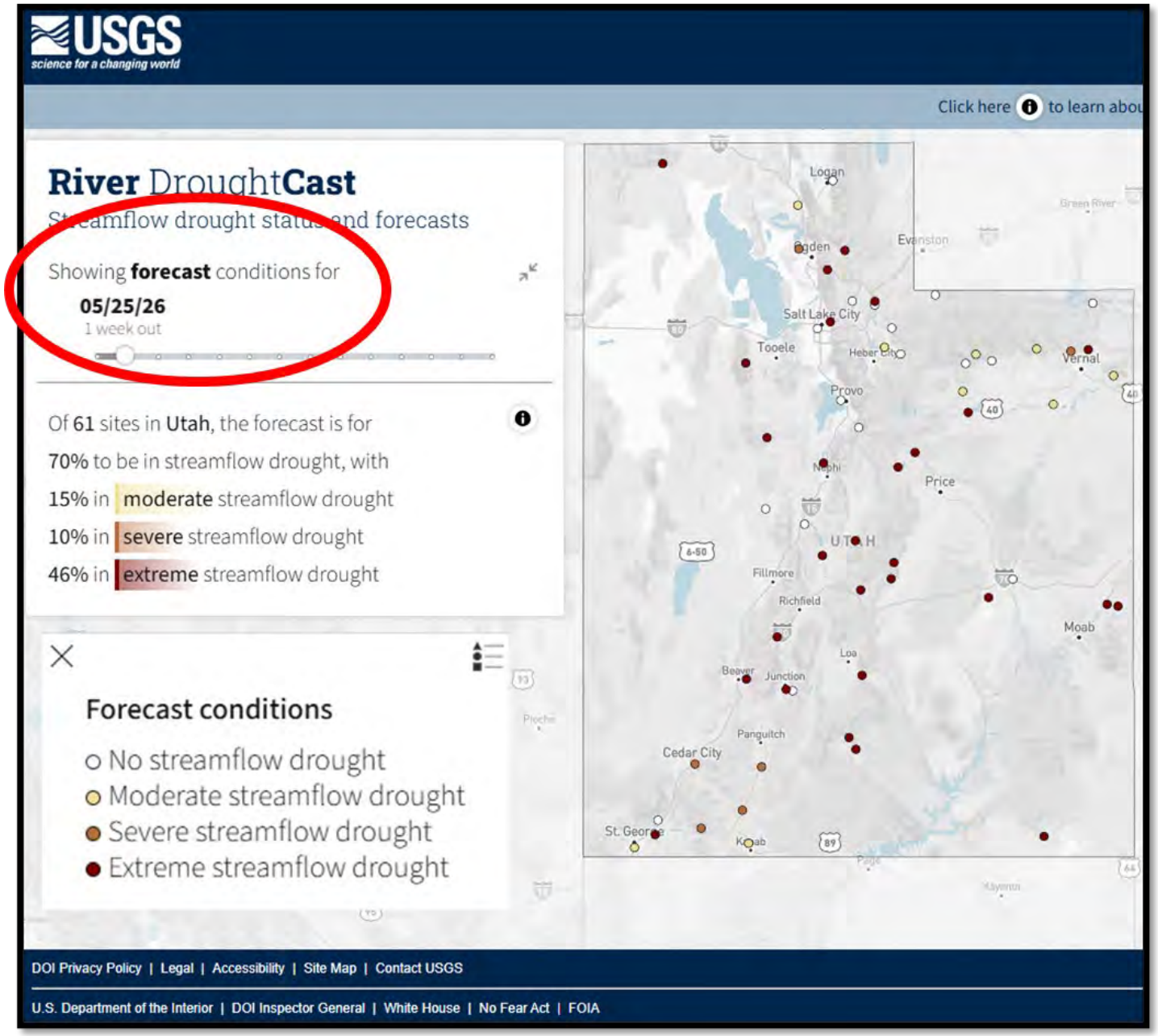
USGS River DroughtCast: Streamflow drought status and forecasts



- **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**

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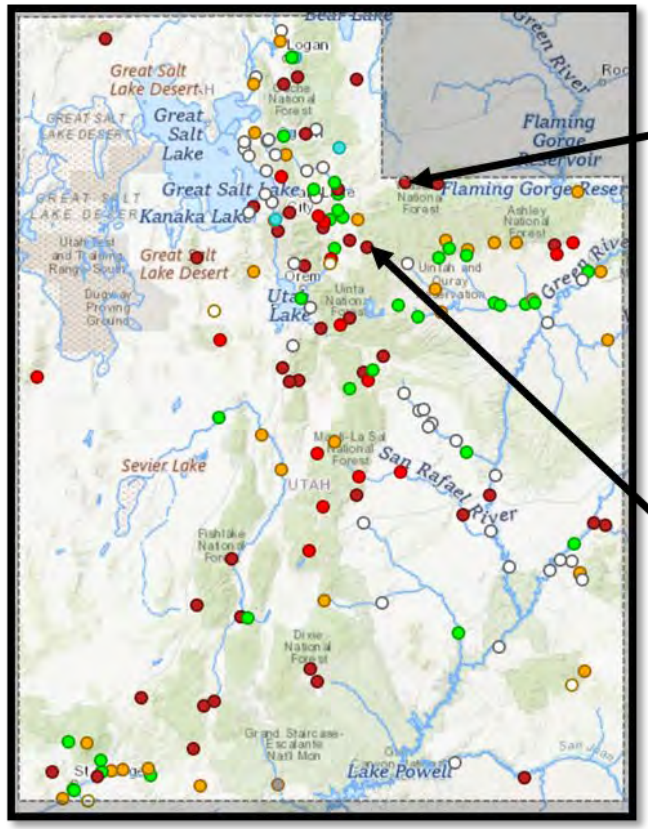
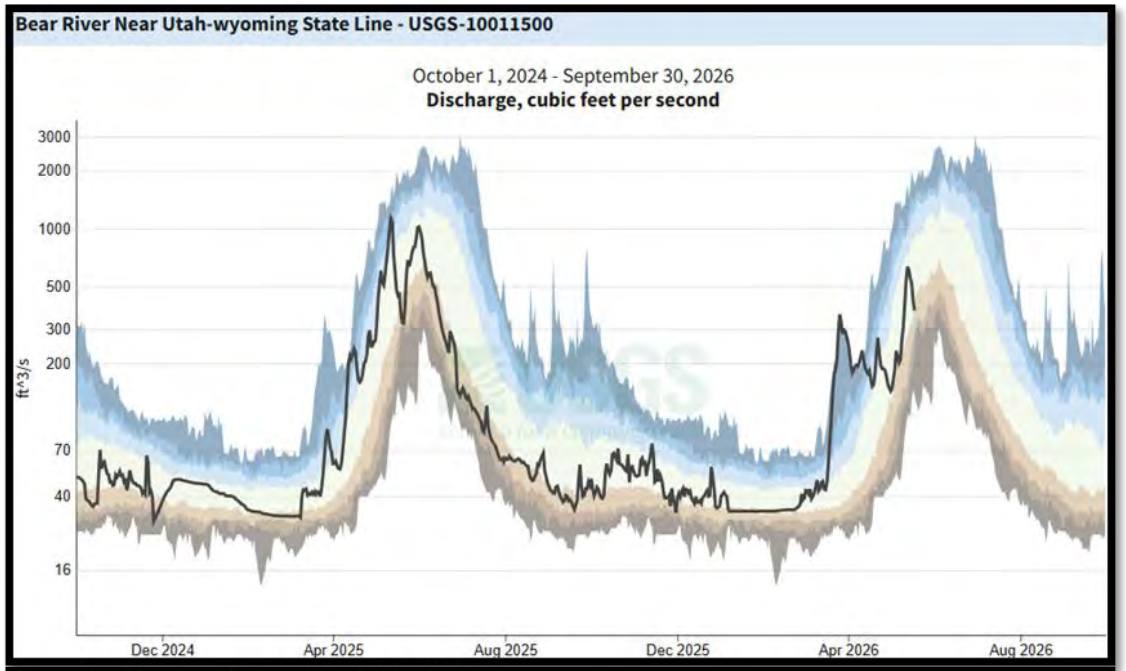
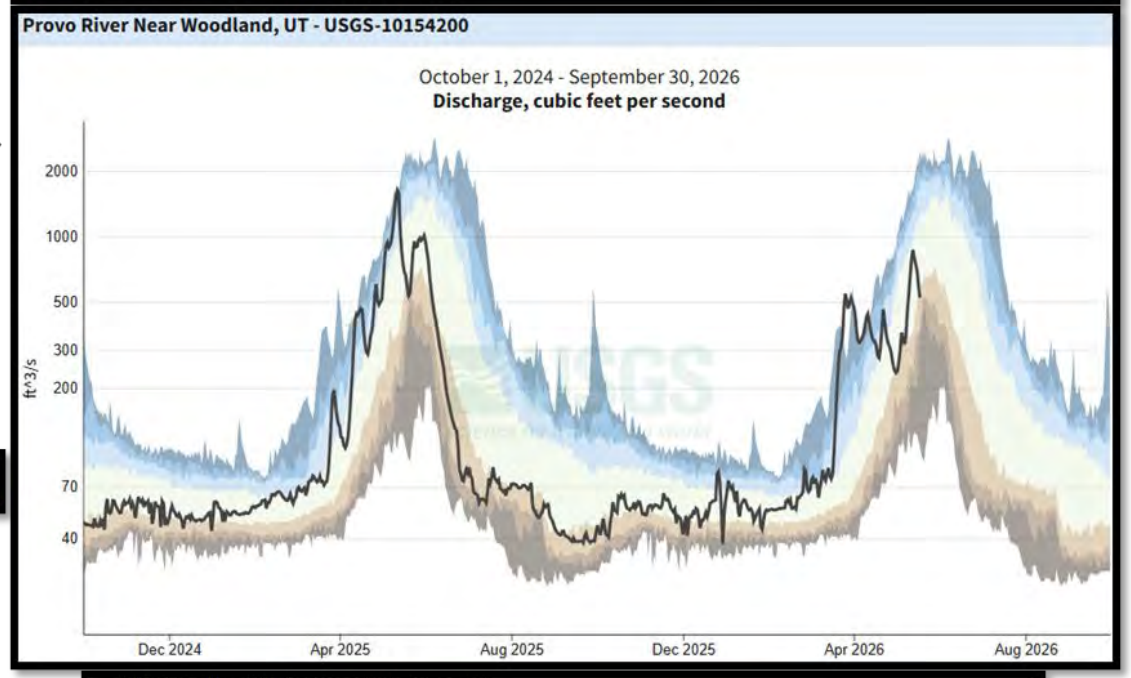
Streamflows at Selected Gages







IMPORTANT Data may be provisional

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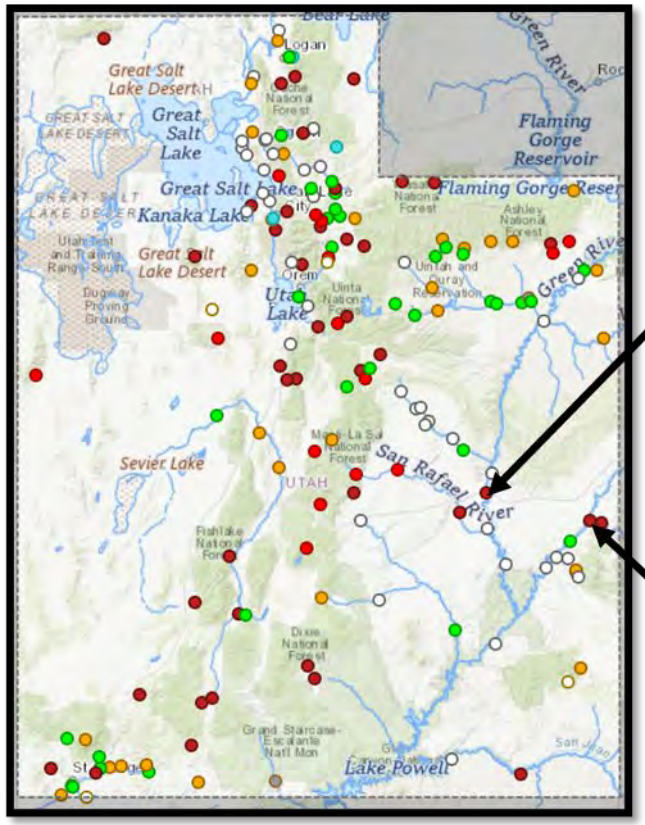
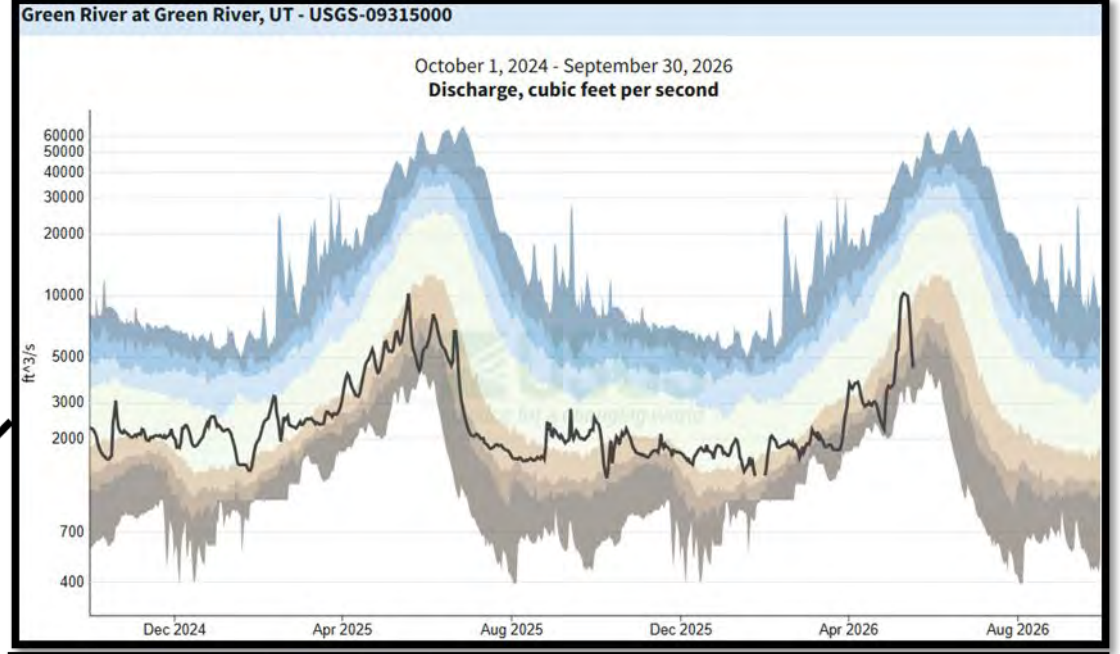
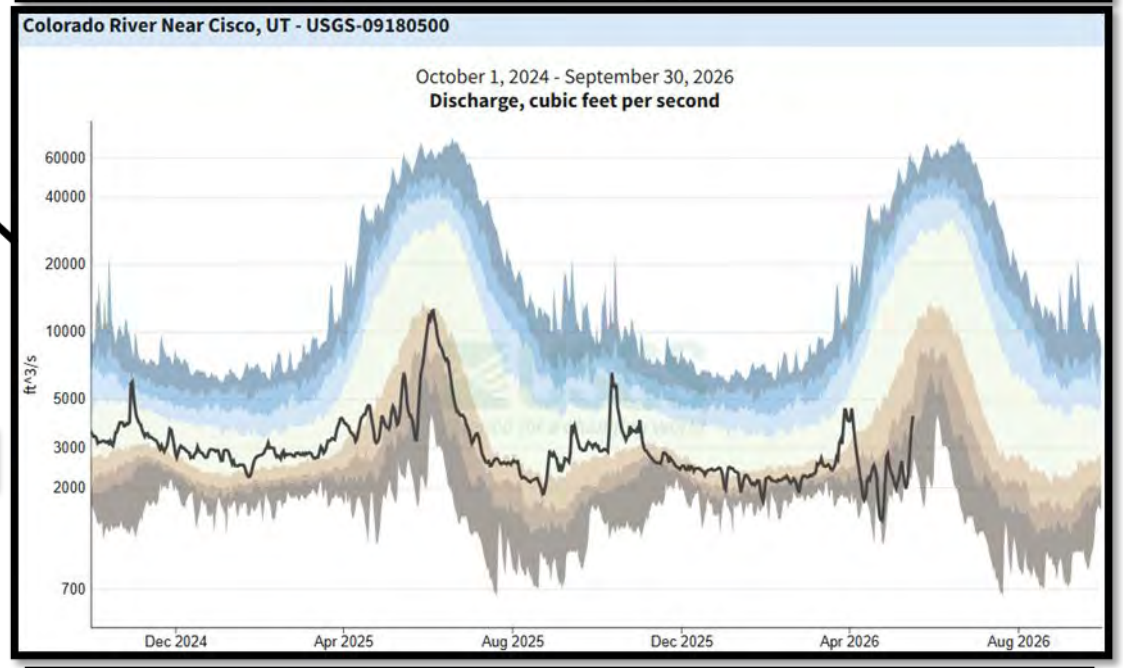
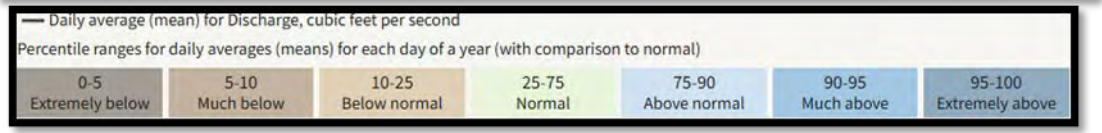
Streamflows at Selected Gages







IMPORTANT Data may be provisional



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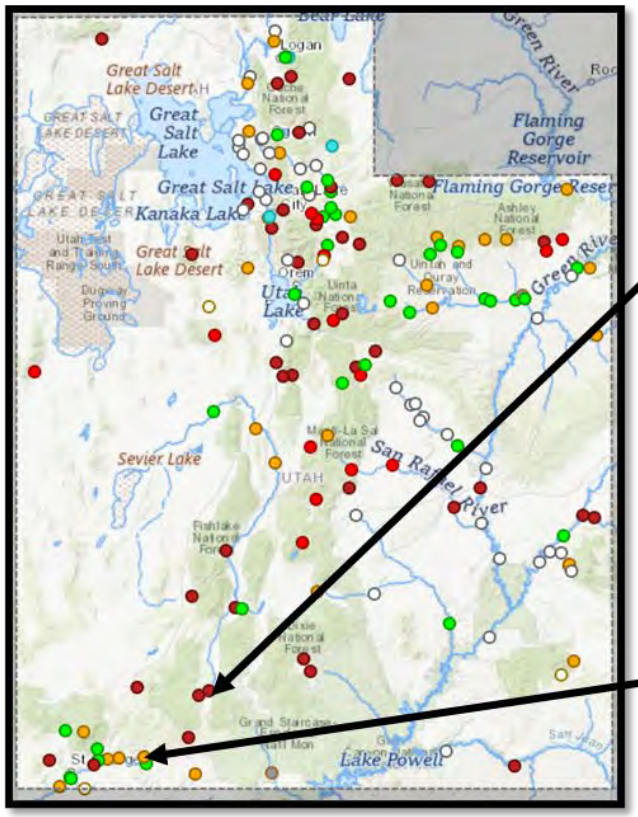
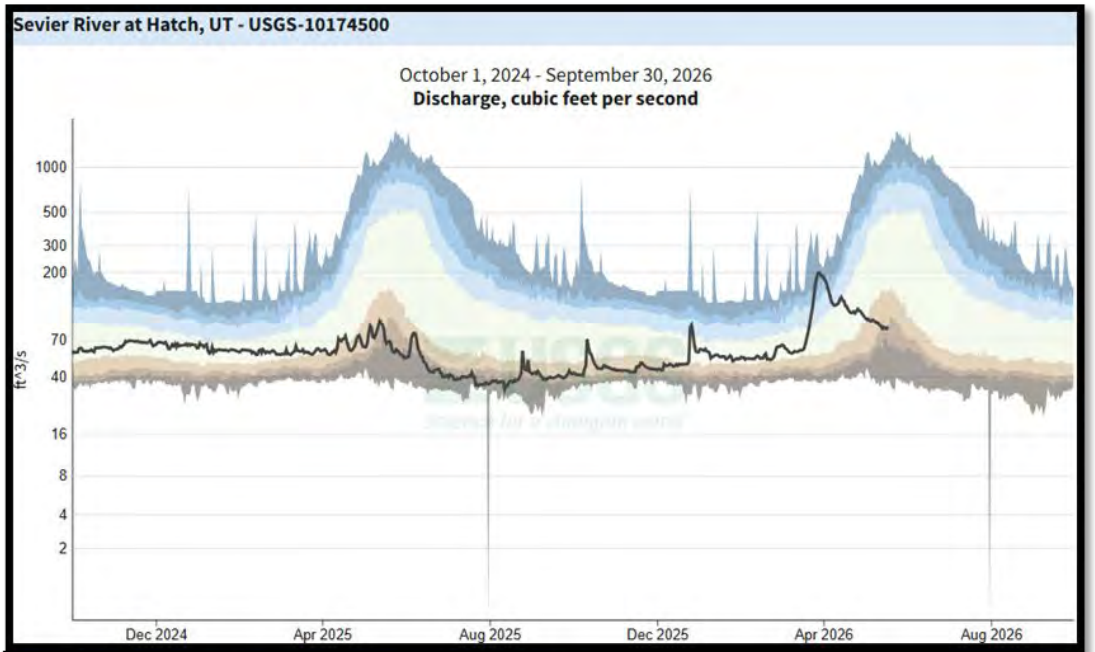
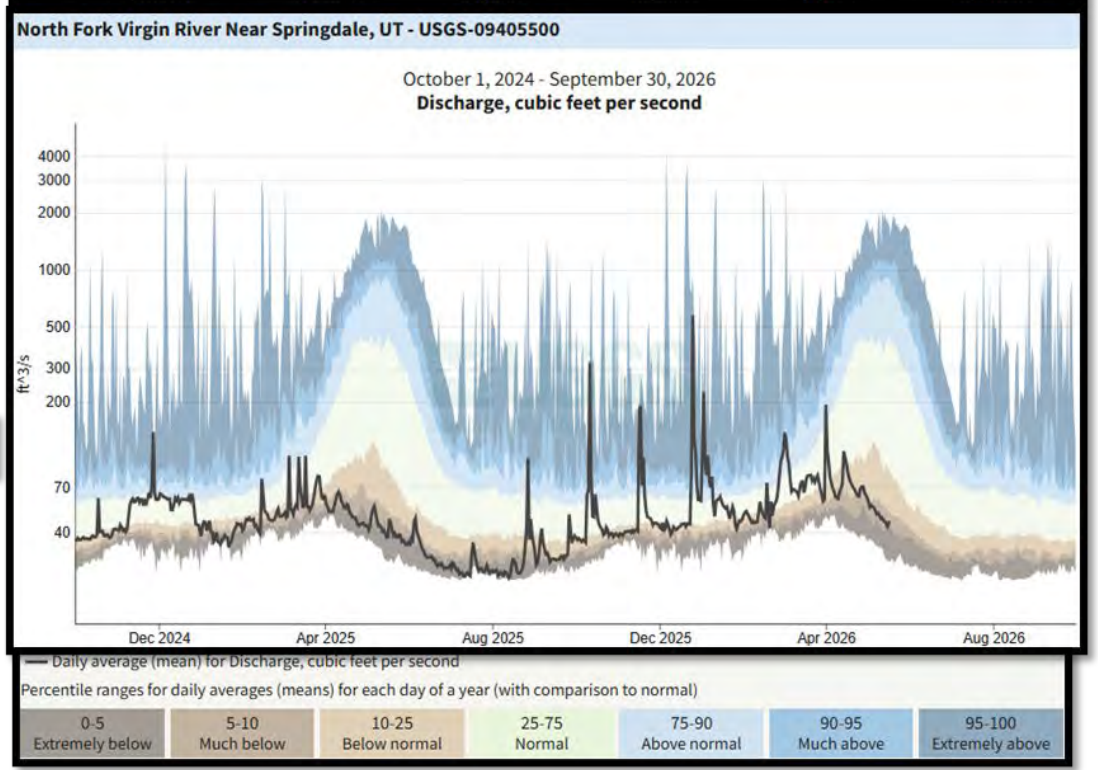
Streamflows at Selected Gages



IMPORTANT Data may be provisional





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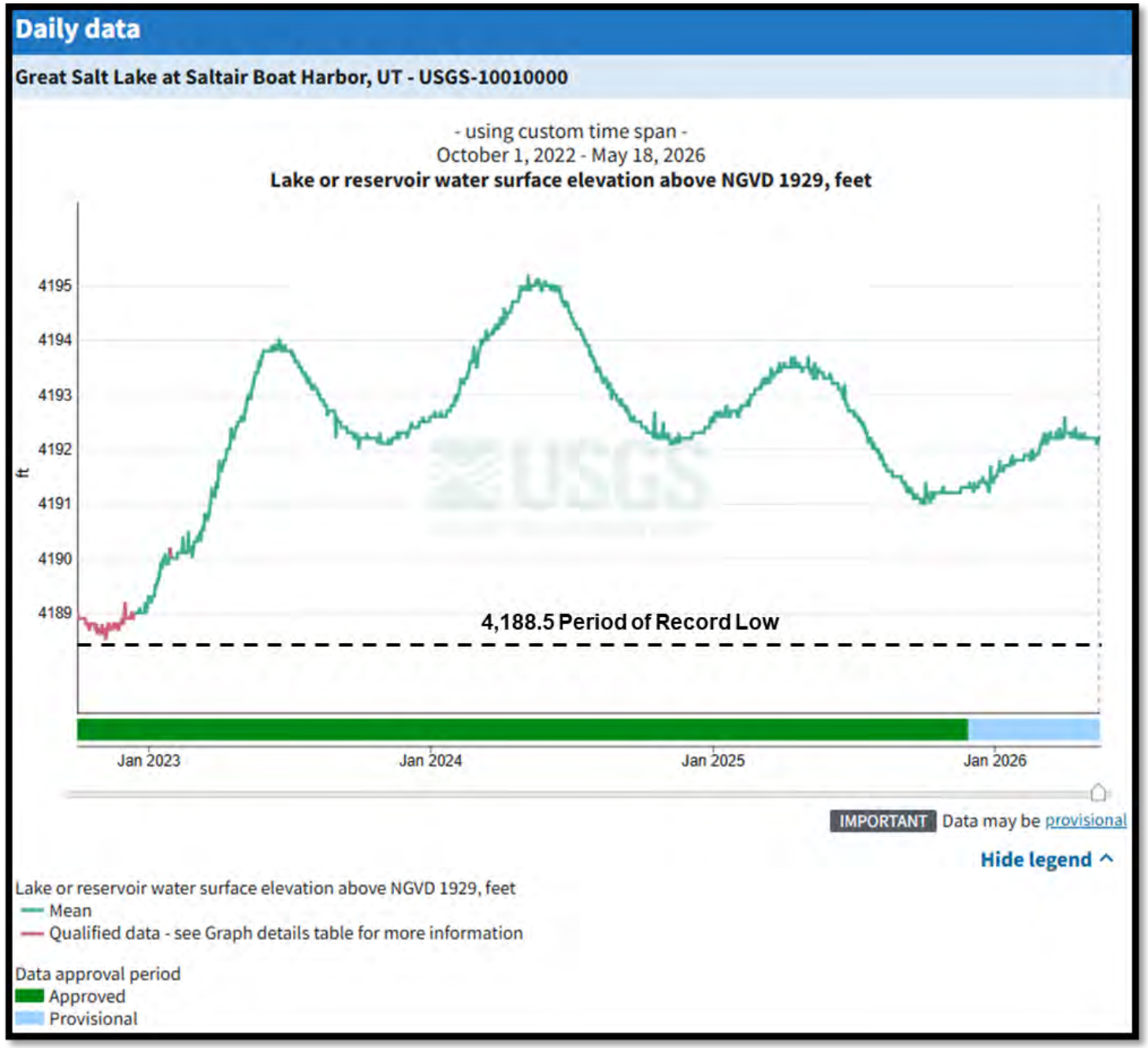
Great Salt Lake Water Surface Elevations



Daily Values 05/18/2026

South Arm (Saltair gage): 4192.2’

North Arm (Saline gage, not shown on plot): 4,191.4’

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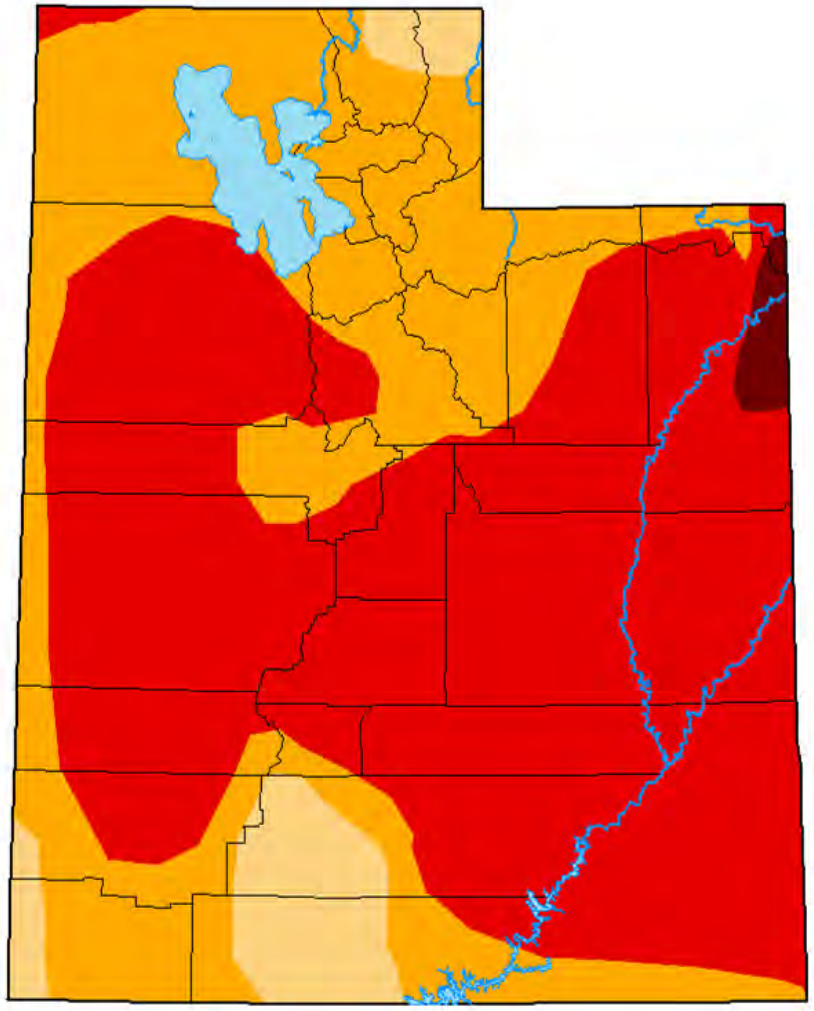
U.S. Drought Monitor Map - Utah

May 12, 2026

(Released May 14, 2026)

Valid 8 a.m. EST



Intensity:

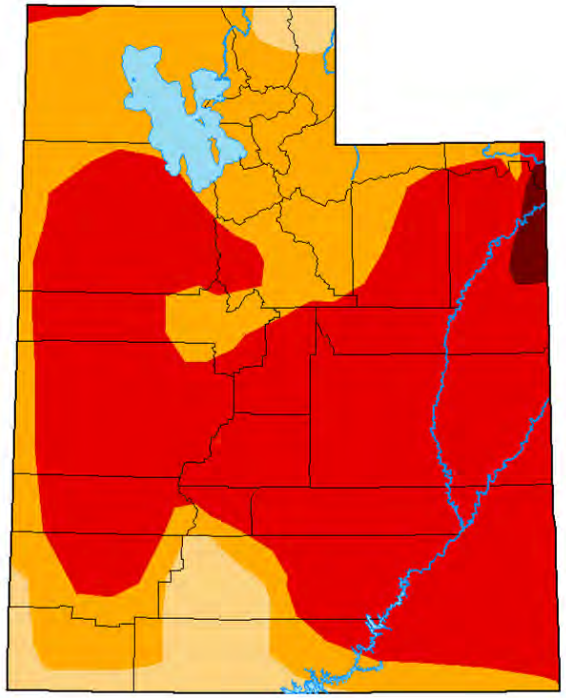
- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

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

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