

2025 Runoff Ready Update

April 15, 2025

County Flood Control Authority

- Utah Code, Title 17 Chapter 8
- SLCo Code of Ordinances, Title 17

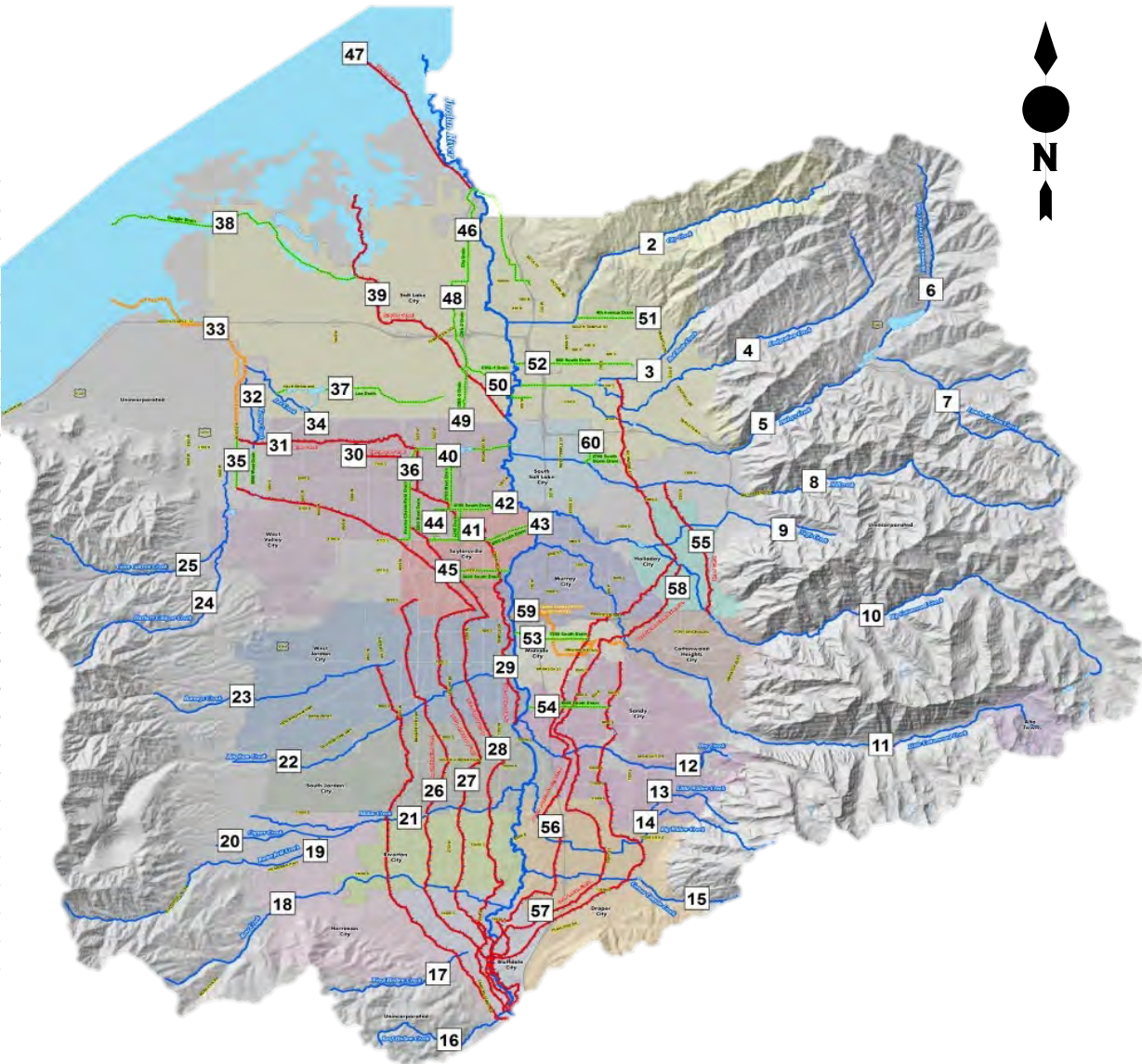


Flood Control Facilities

Creeks & River	No.	Canals	No.	Drains	No.
Barneys Creek	23	East Jordan Canal	57	4th Avenue Drain	51
Beef Hollow Creek	16	East Jordan Canal Extension	58	800 South Drain	52
Big Cottonwood Creek	10	Jordan & SLC Canal	56	1300 South Drain	3,4,5
Big Willow Creek	13	Kennecott Canal	30	2700 South Drain	60
Bingham Creek	22	North Jordan Canal	29	2700 West Drain	40
Butterfield Creek	19	Riter Canal	31	3200 West Drain	44
City Creek	2	Sewage Canal	47	4100 South Drain	42
Coon Canyon Creek	25	South Jordan Canal	28	4700 South Drain	43
Copper Creek	20	Surplus Canal	39	5400 South Drain	45
Corner Canyon Creek	15	Upper Canal	55	7200 South Drain	53
Dry Creek	12	Utah & Salt Lake	27	8000 West Drain	35
Emigration Creek	4	Utah Lake Distributing Company	26	9000 South Drain	54
Harkers Canyon Creek	24			City Drain West Branch	46
Jordan River	1			CWA 1 Drain	50
Kersey Creek	32			CWA 2 Drain	48
Lamb's Canyon Creek	7			CWA 3 Drain	49
Lee Creek	34			Goggin Drain	38
Little Cottonwood Creek	11			I-215 Drain	41
Little Willow Creek	14			Kearns Chesterfield Drain	36
Midas Creek	21			Lee Drain	37
Mill Creek	8				
Mountain Dell Canyon Creek	6				
Neff's Creek	9				
Parleys Canyon Creek	5				
Red Butte Creek	3				
Rose Creek	18				
Wood Hollow Creek	17				

- 310 Miles of Creeks
- 177 Miles of Canals
- 78 Miles of Piped Systems
- 18 Miles of levee systems
- 32 Detention Basins

- 9 Debris Basins
- 36 Gauging Sites
- 88 Debris Grates
- 100 Water Quality Sampling Sites



Flood Control Does Not Cover:

- Municipal Storm Drains (including Unincorporated County).
- Bridge or culvert crossings to build roads over Flood Control Facilities.
- The municipal functions of City's UPDES permits, including Unincorporated County.



Debris Management



Debris Management



2025 Snowpack Current Conditions

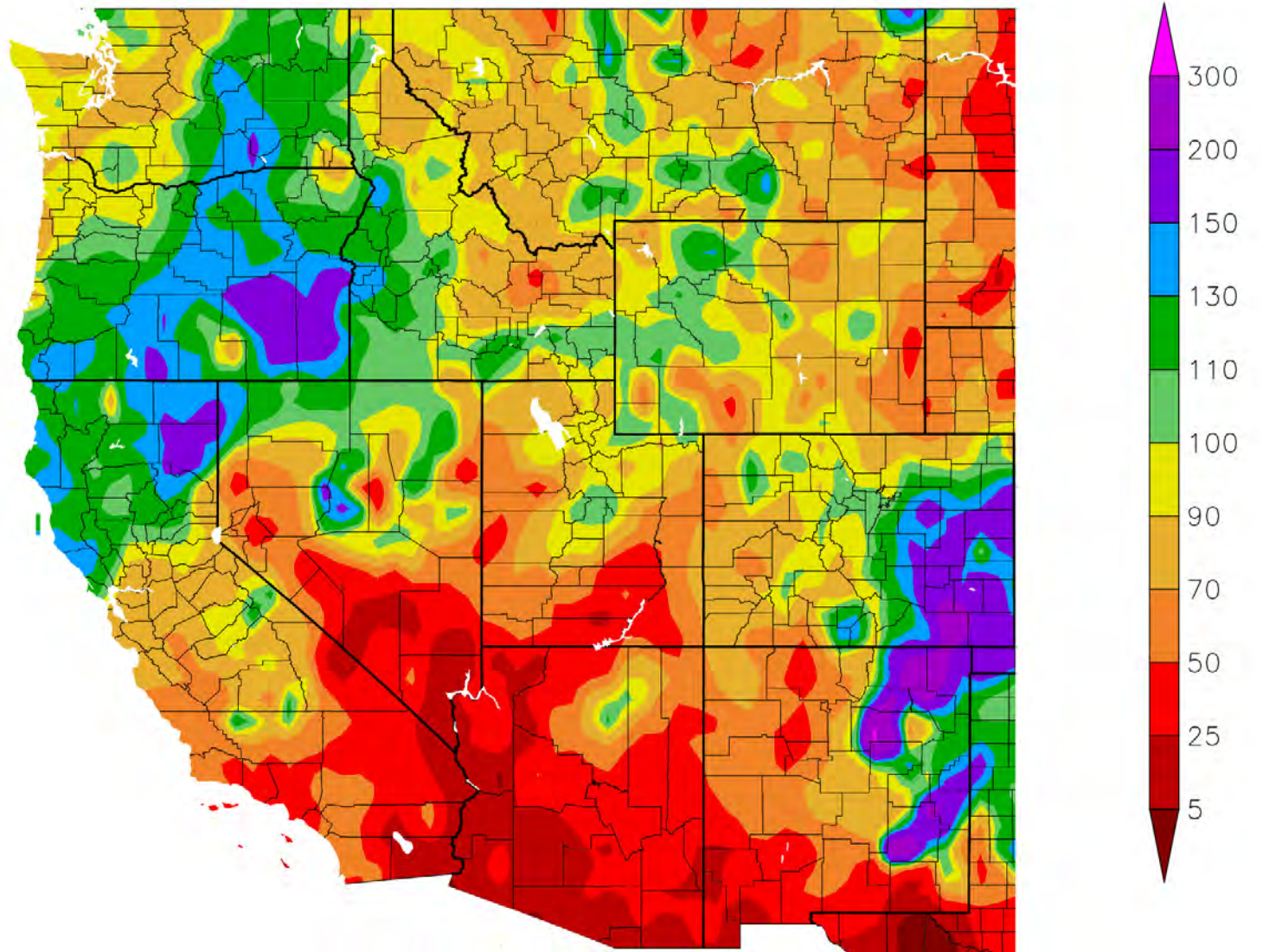
Released April 15, 2025

Robert Thompson, PG – Watershed Section Manager

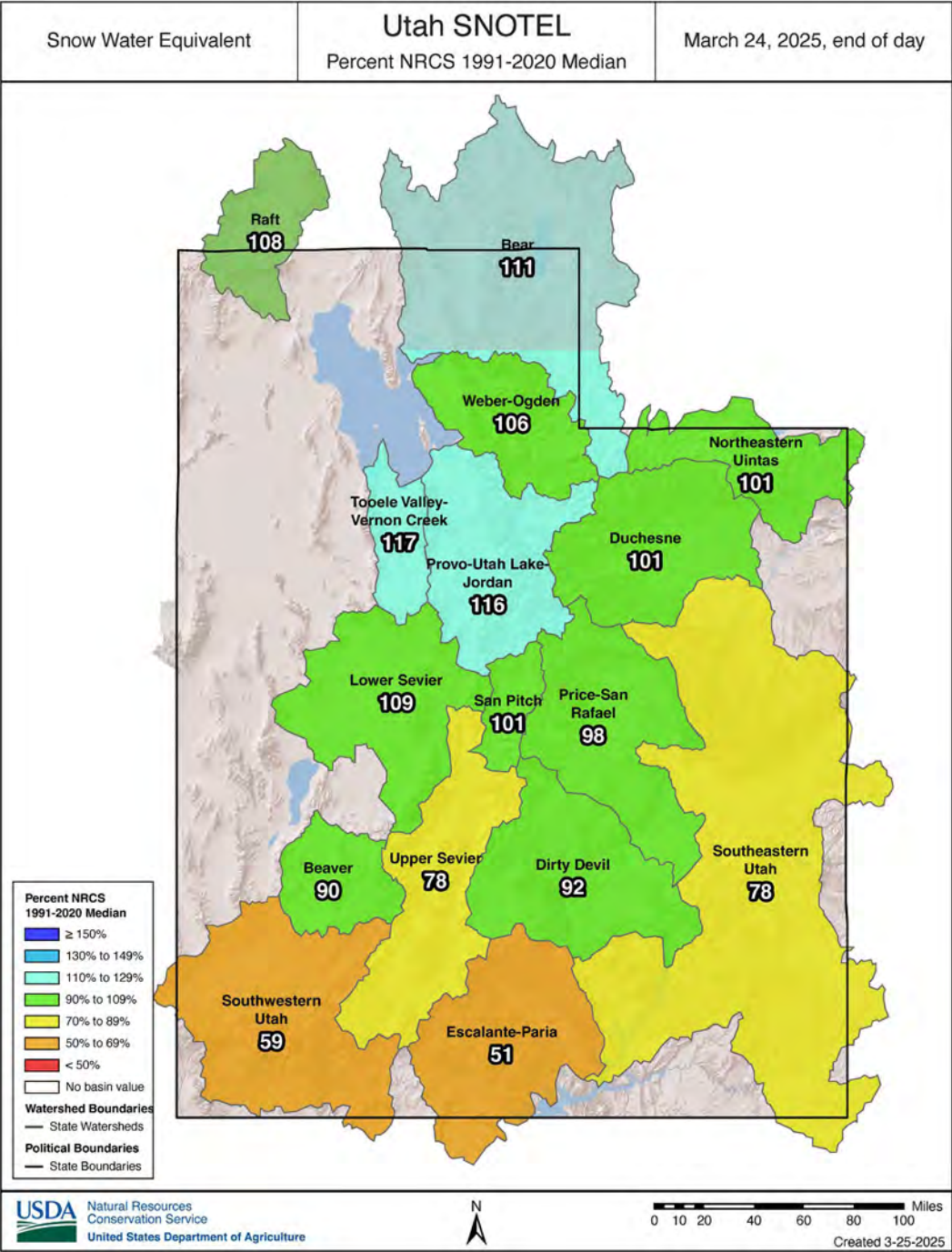


Western United States: Precipitation WY

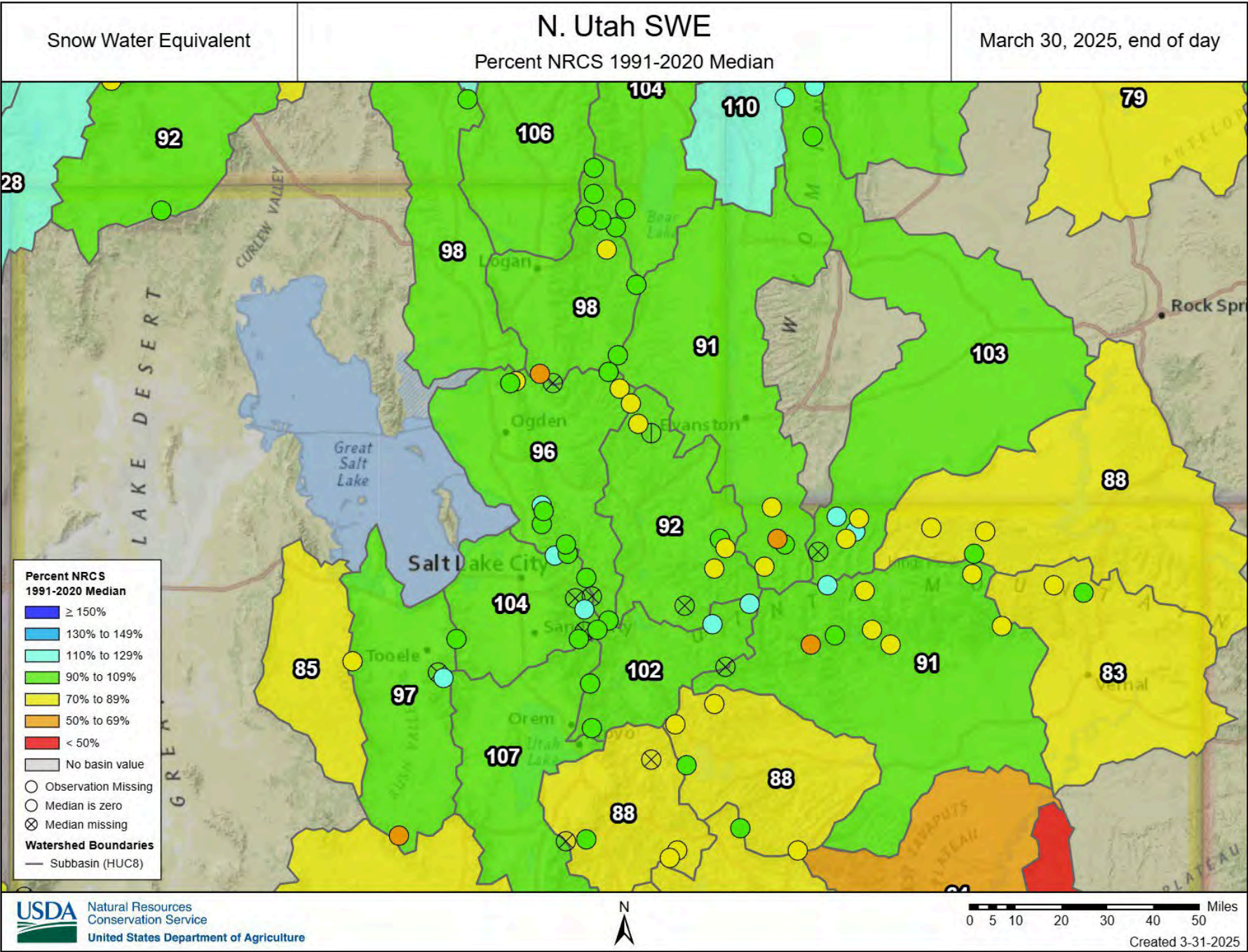
Percent of Normal Precipitation (%)
10/1/2024 – 3/30/2025



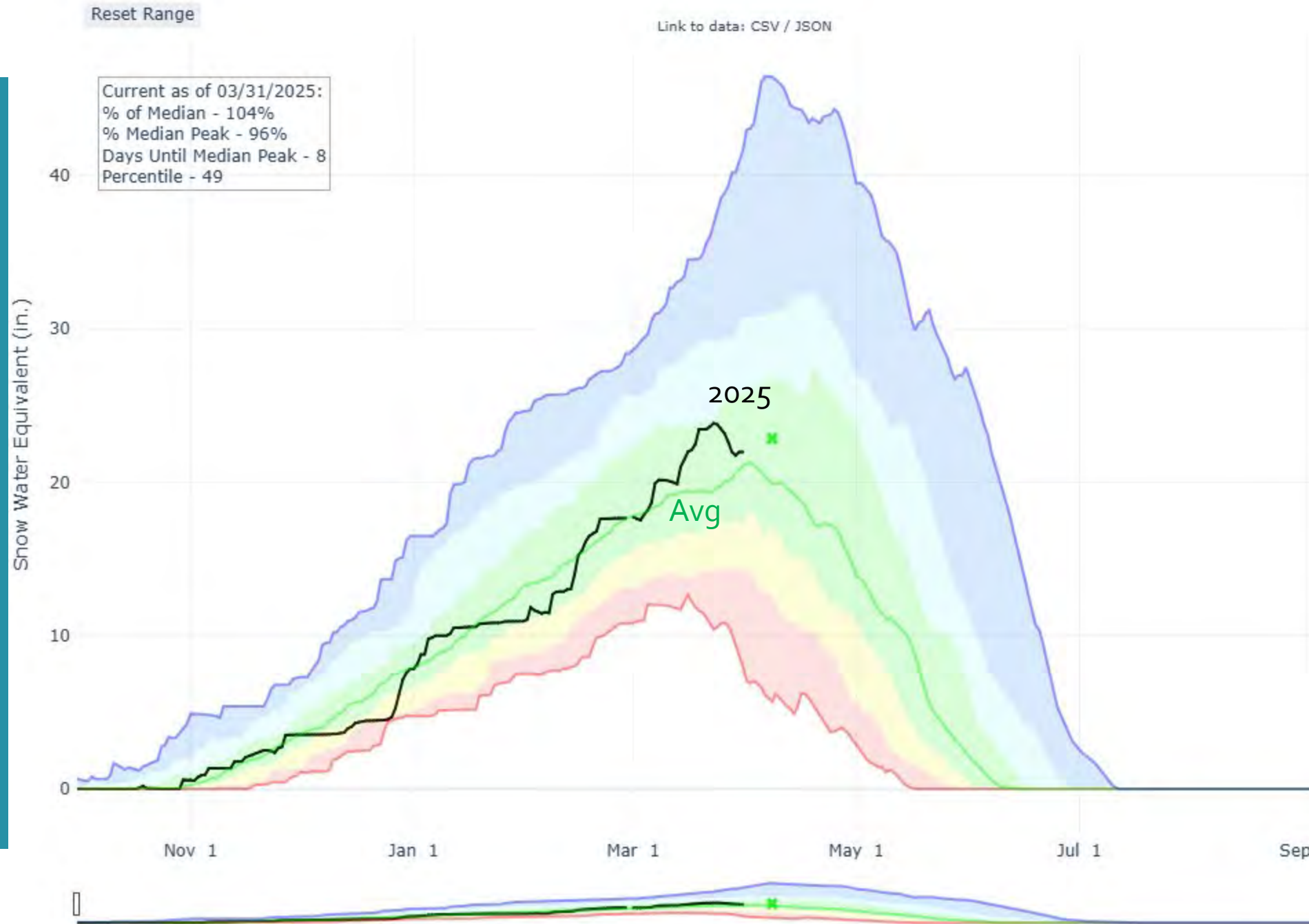
Utah: Snow Water Equivalent (SWE)



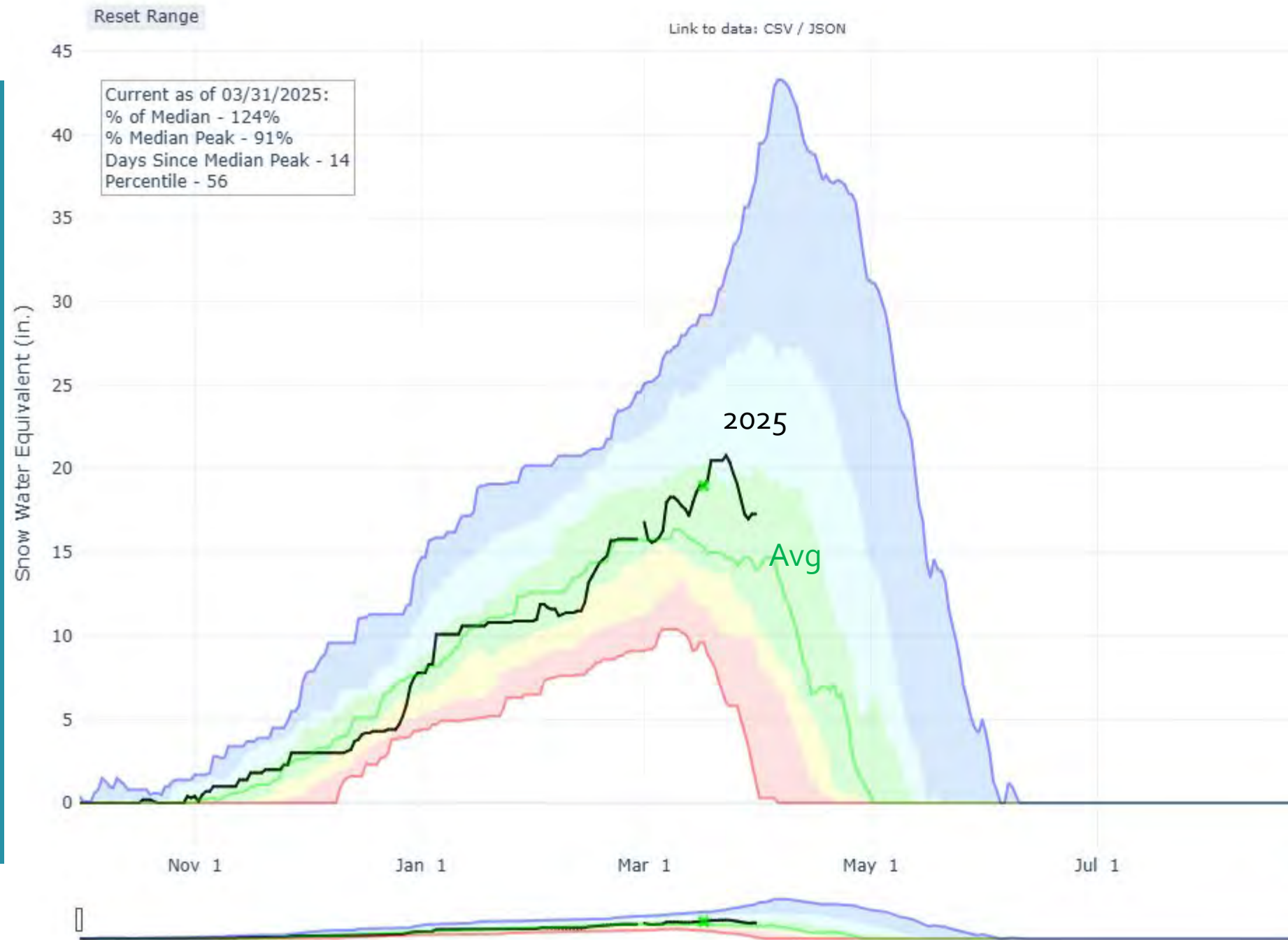
Northern Utah Basins: Snow Water Equivalent (SWE)



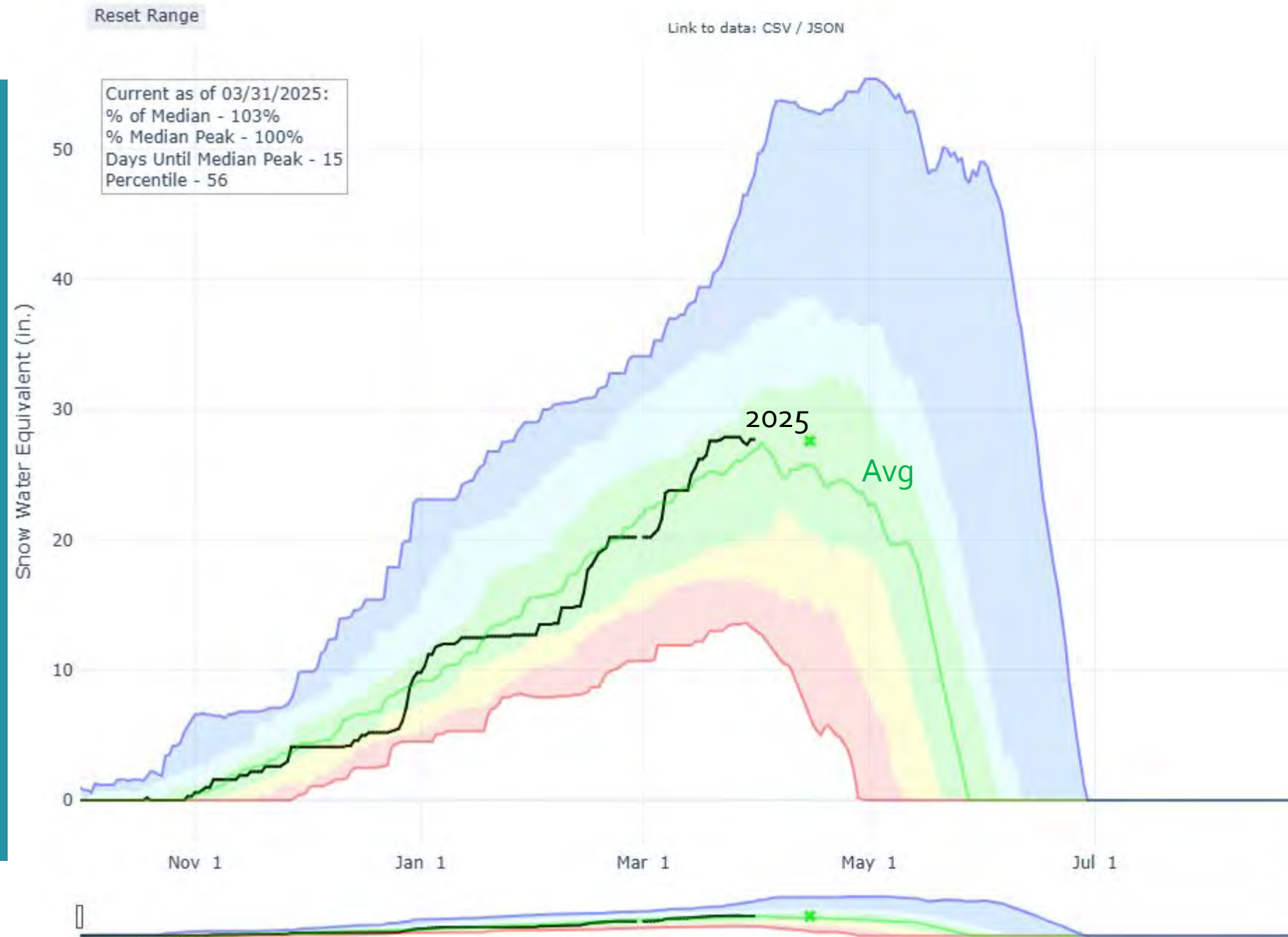
Jordan Basin: Snow Water Equivalent (SWE)



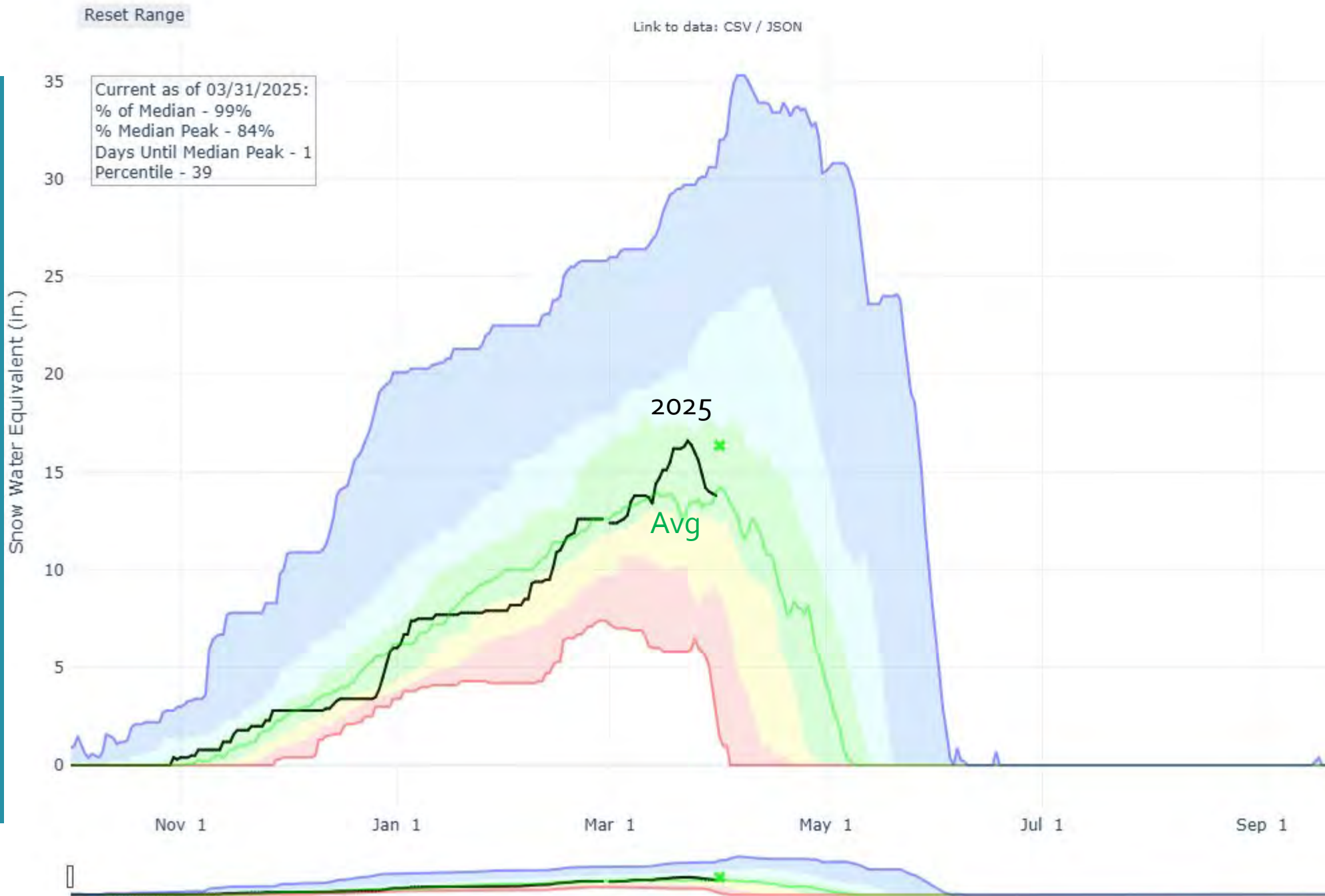
City Creek SWE at Louis Meadow



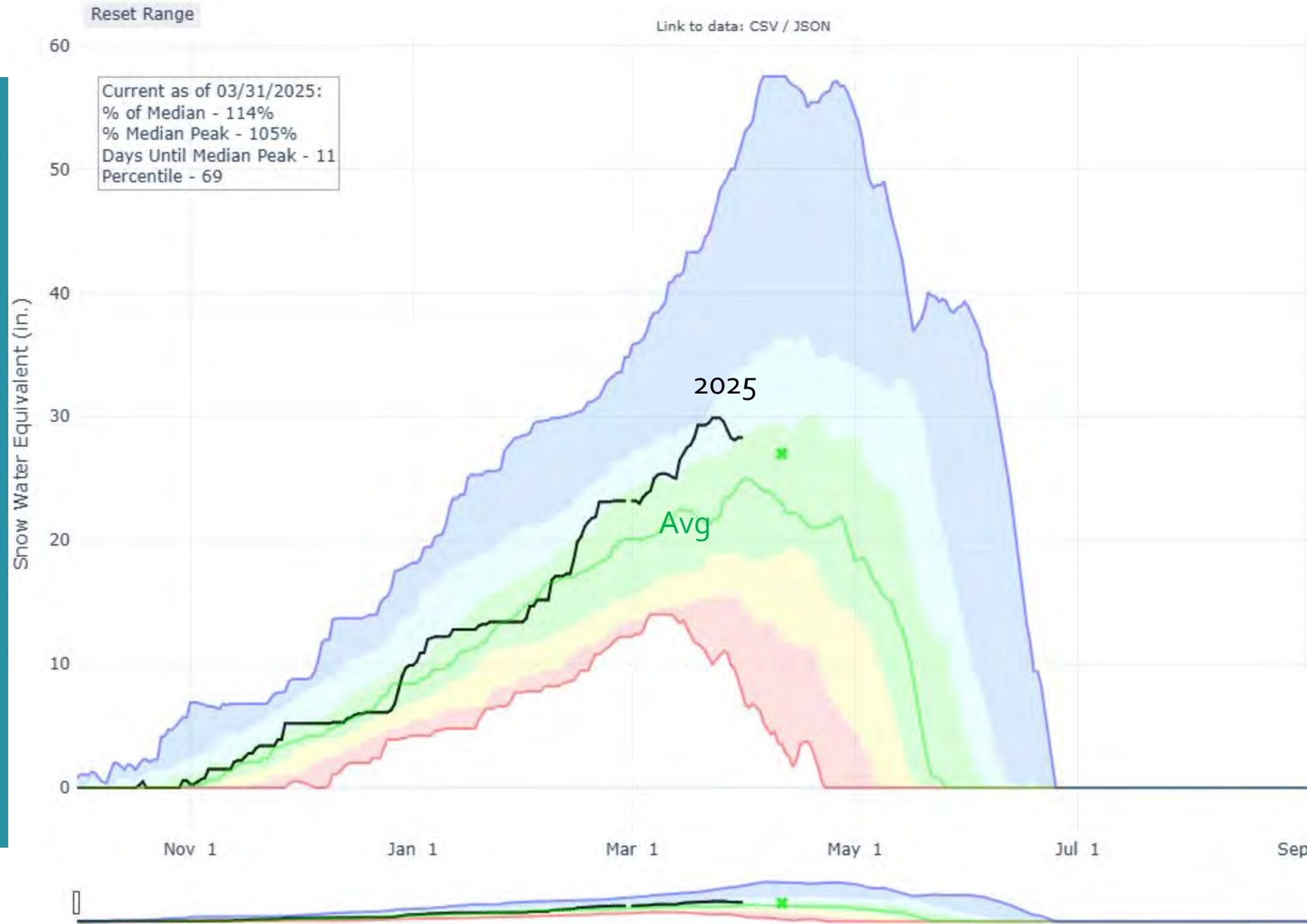
City Creek SWE at Lookout Peak



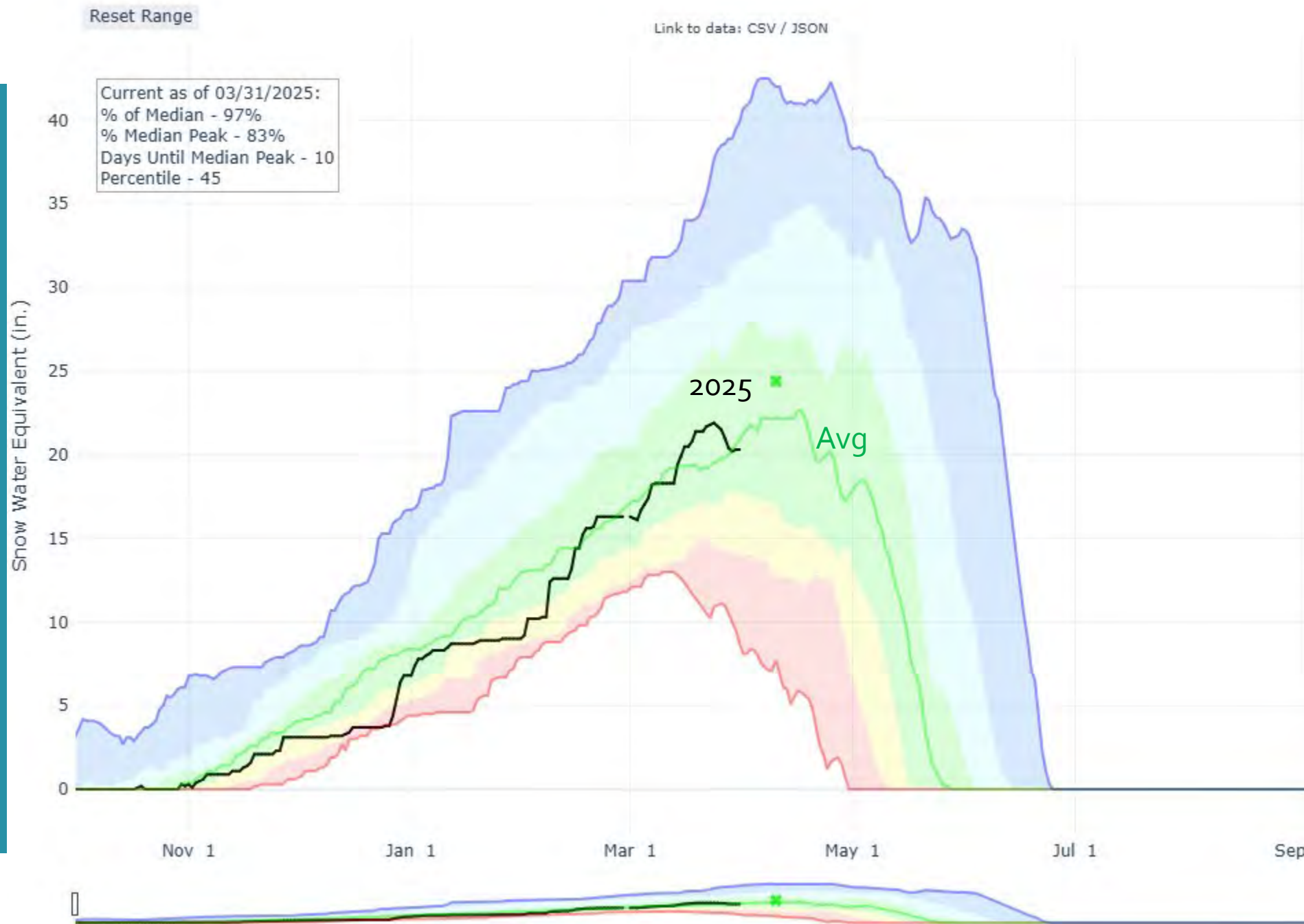
Parley's Creek SWE at Parley's Summit



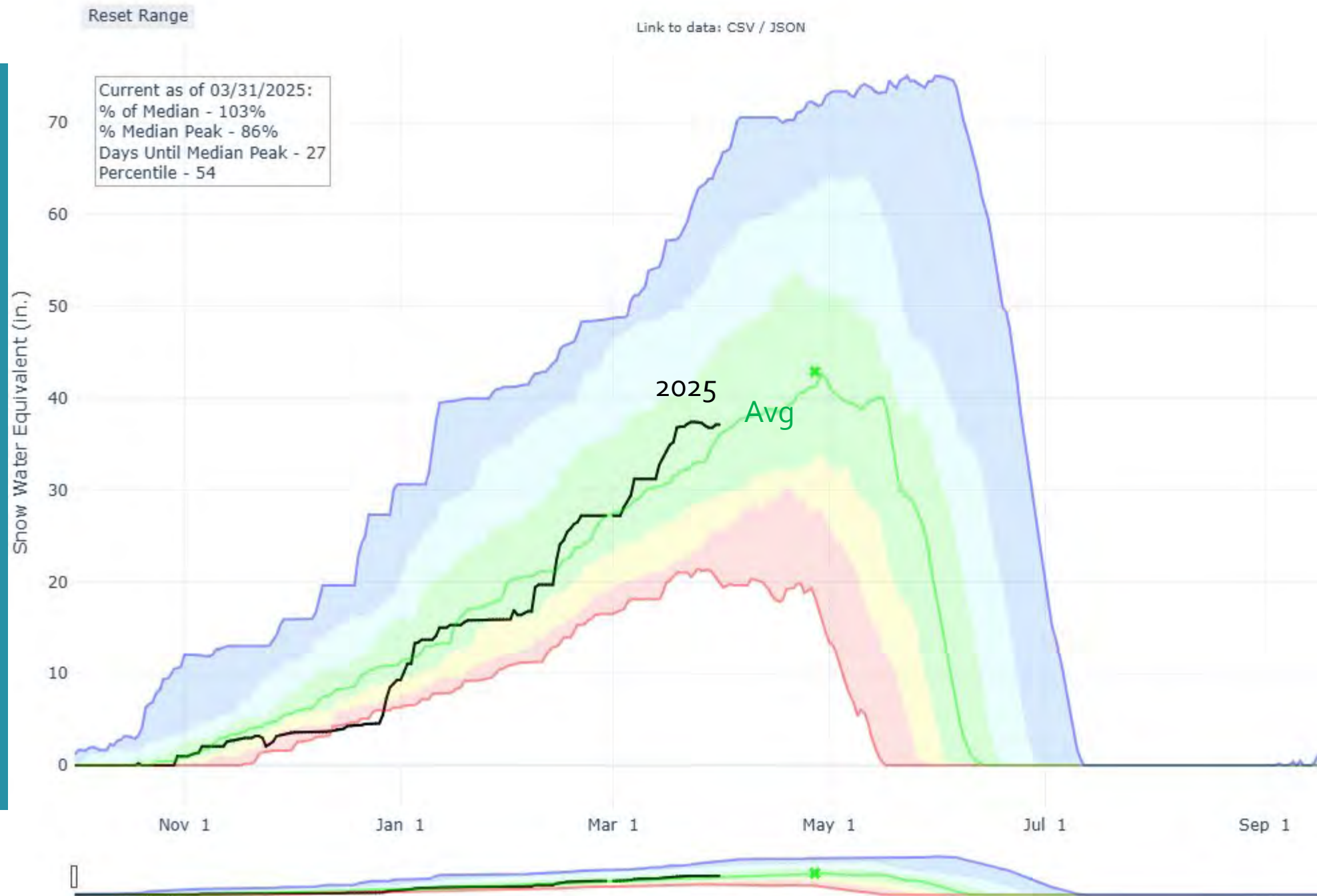
Big Cottonwood SWE at Mill D



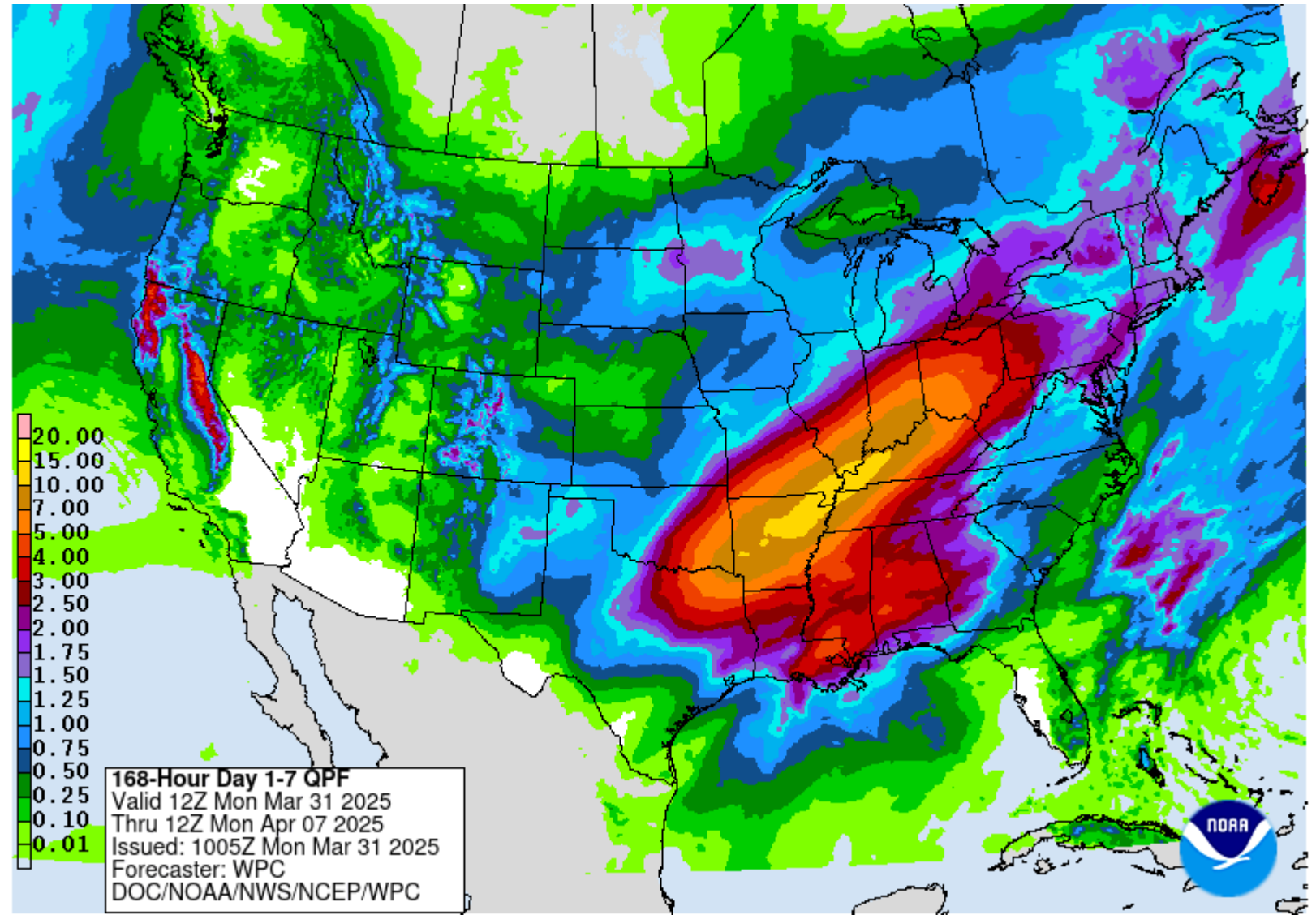
Big Cottonwood SWE at Brighton



Little Cottonwood SWE at Snowbird



7 day Precipitation Forecast





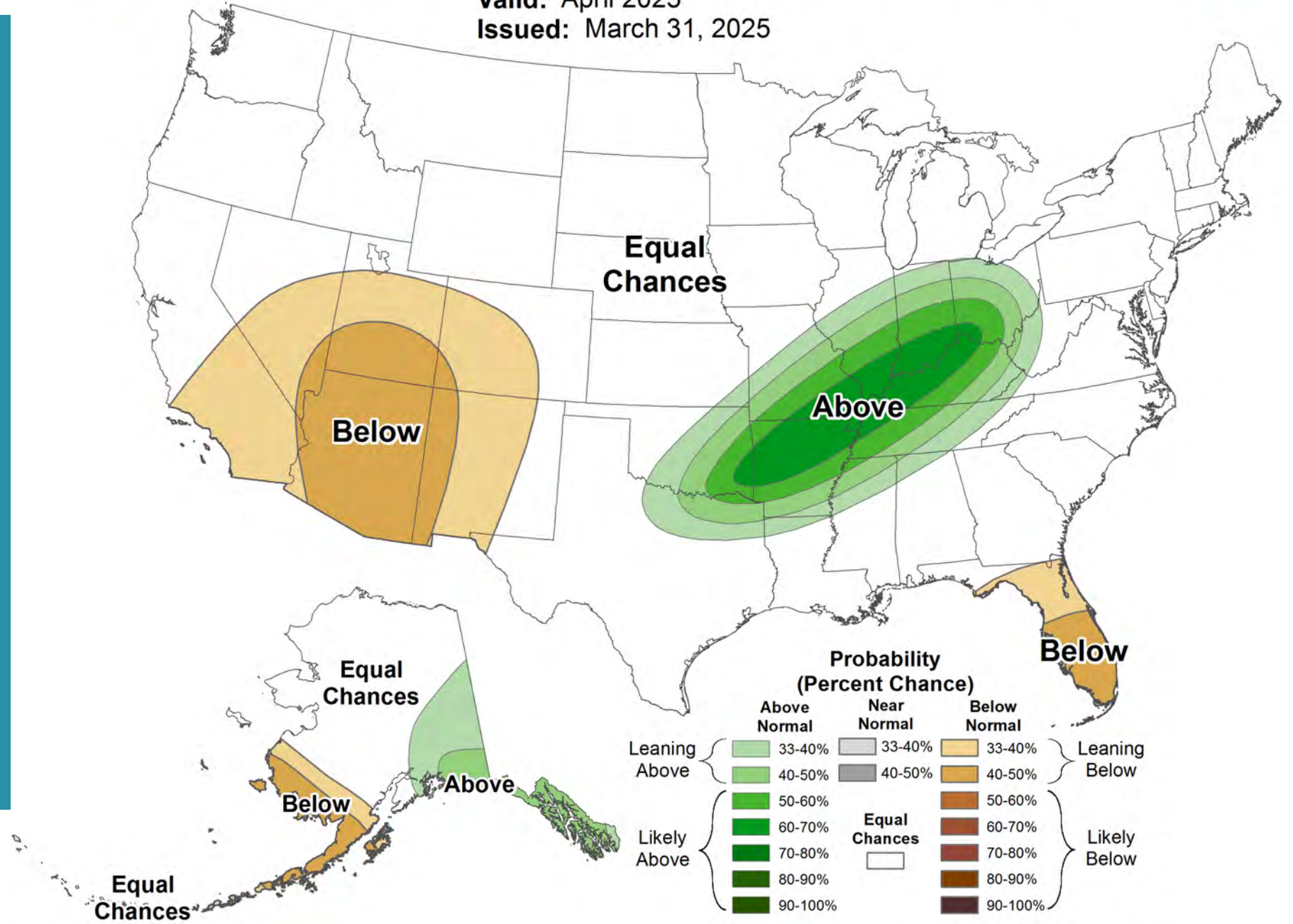
Monthly Precipitation Outlook



Valid: April 2025

Issued: March 31, 2025

Monthly Precipitation Forecast





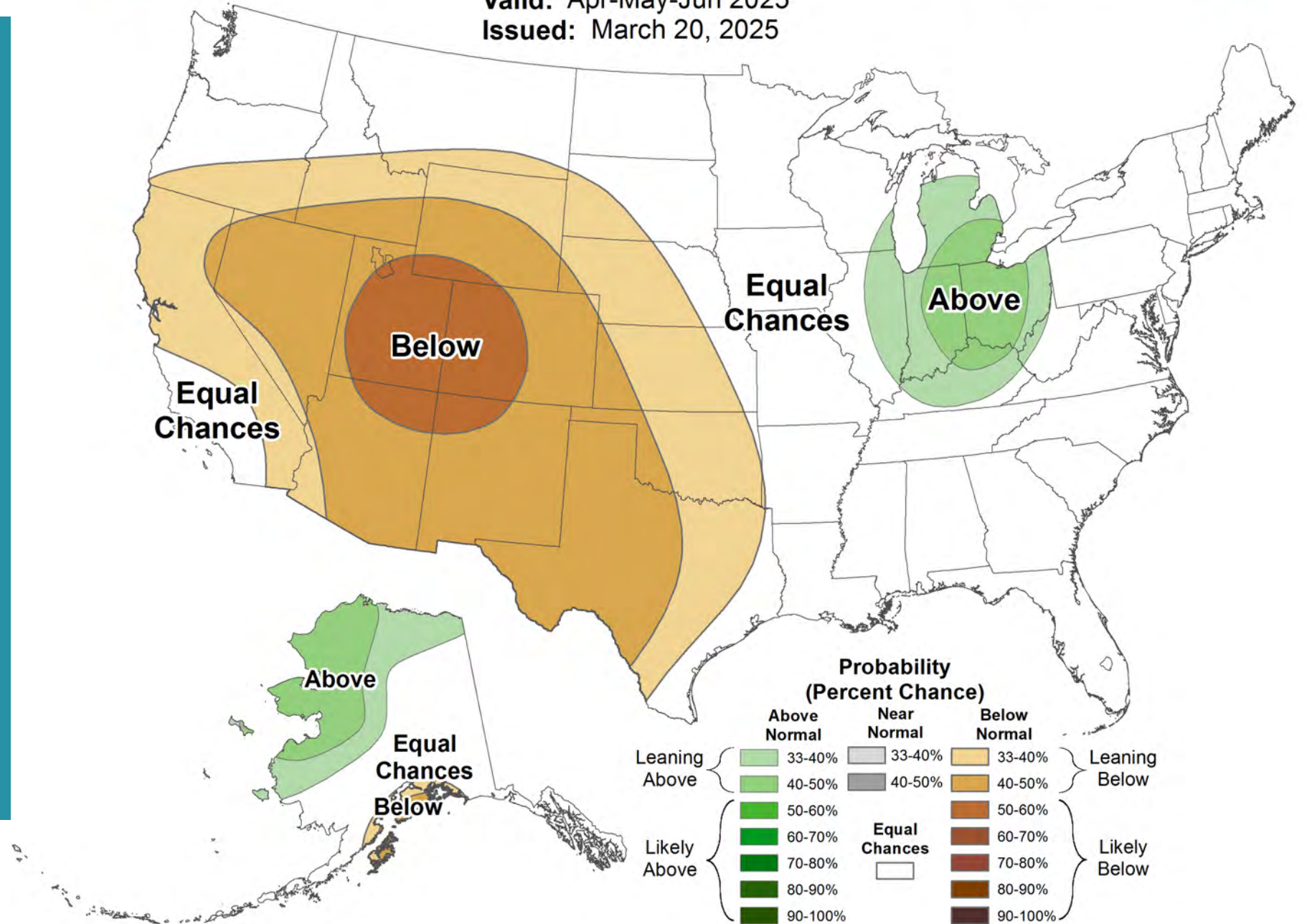
Seasonal Precipitation Outlook



Valid: Apr-May-Jun 2025

Issued: March 20, 2025

Seasonal Precipitation Forecast





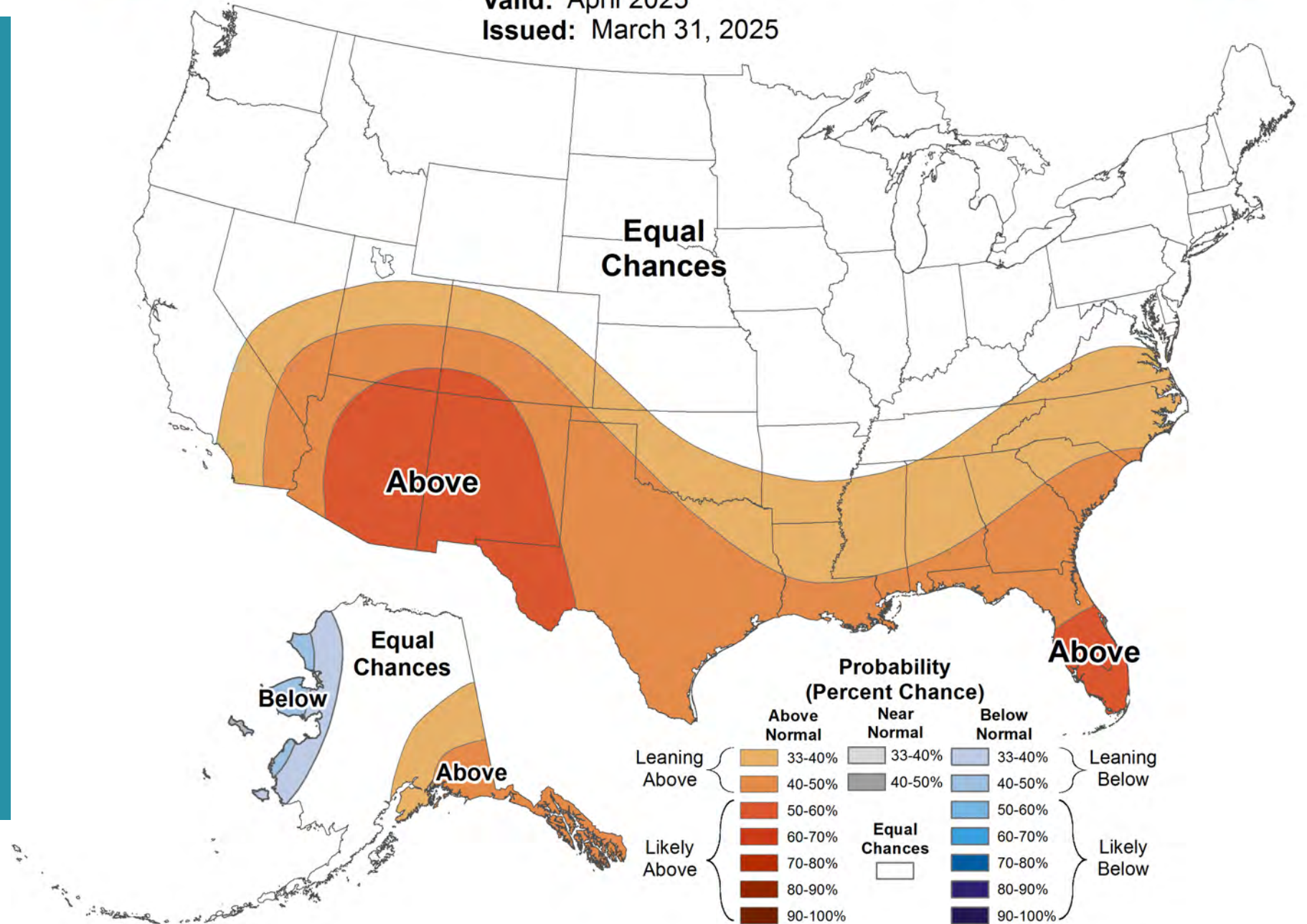
Monthly Temperature Outlook



Valid: April 2025

Issued: March 31, 2025

Monthly Temperature Forecast



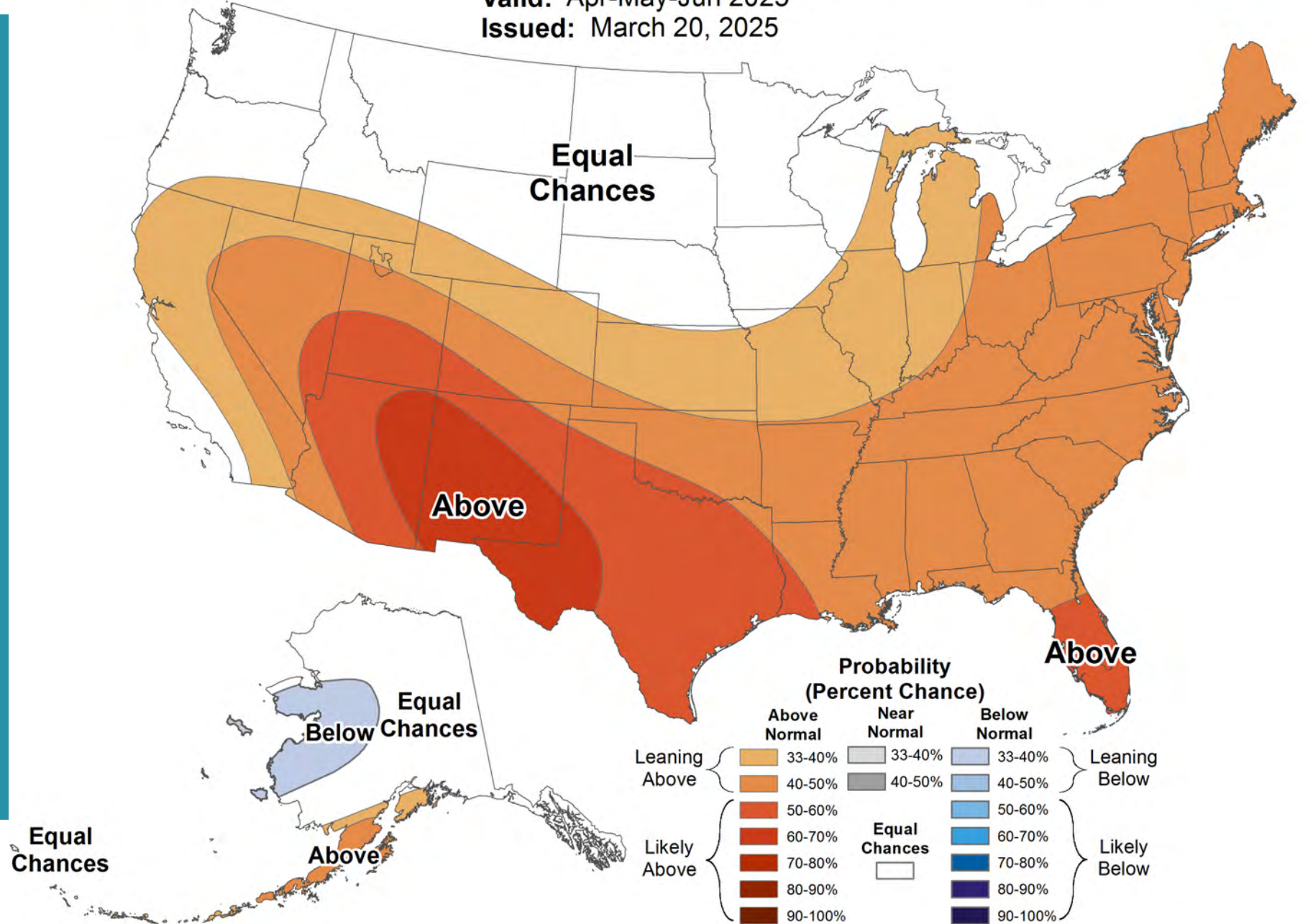


Seasonal Temperature Outlook



Valid: Apr-May-Jun 2025

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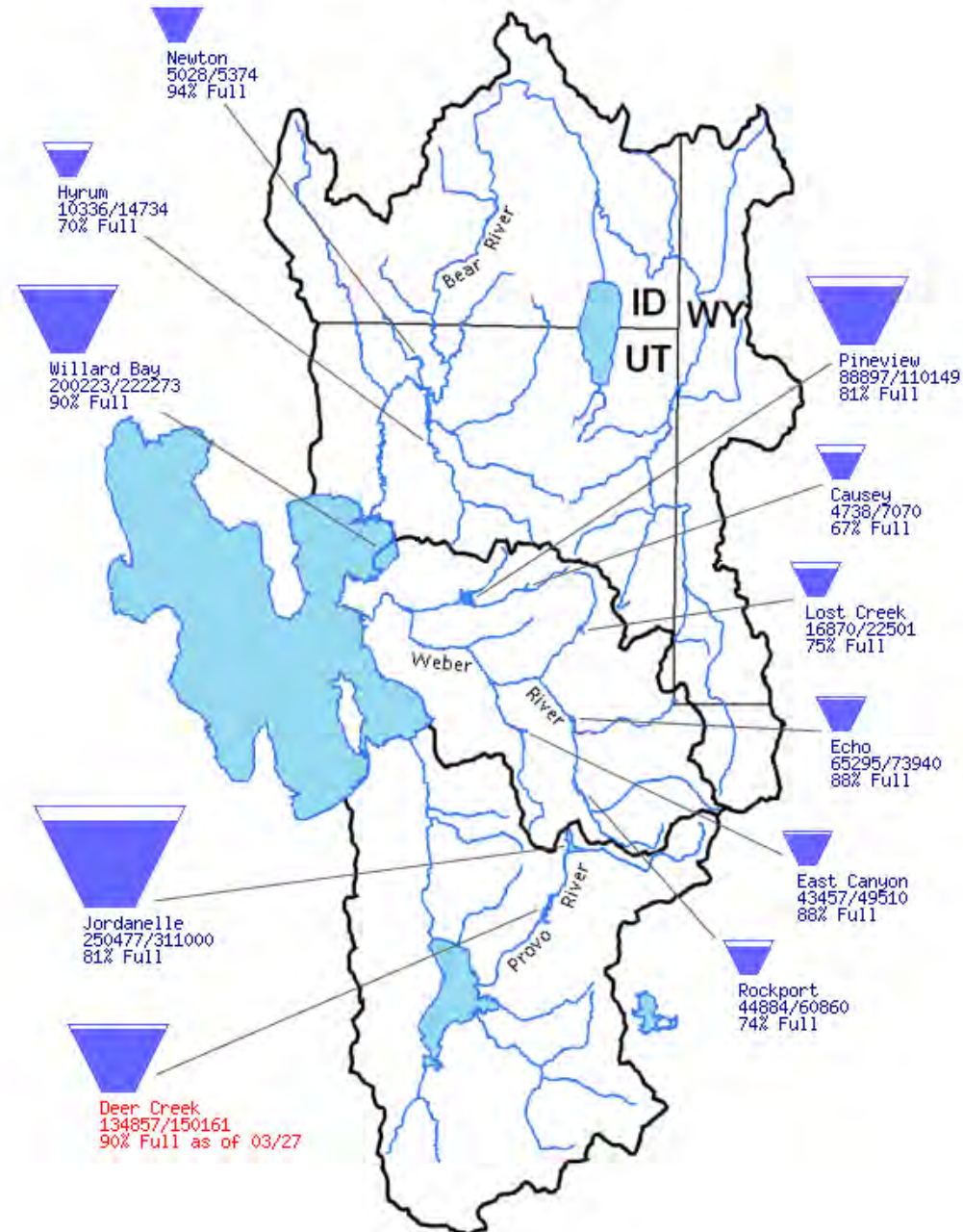


Seasonal
Temperature
Forecast

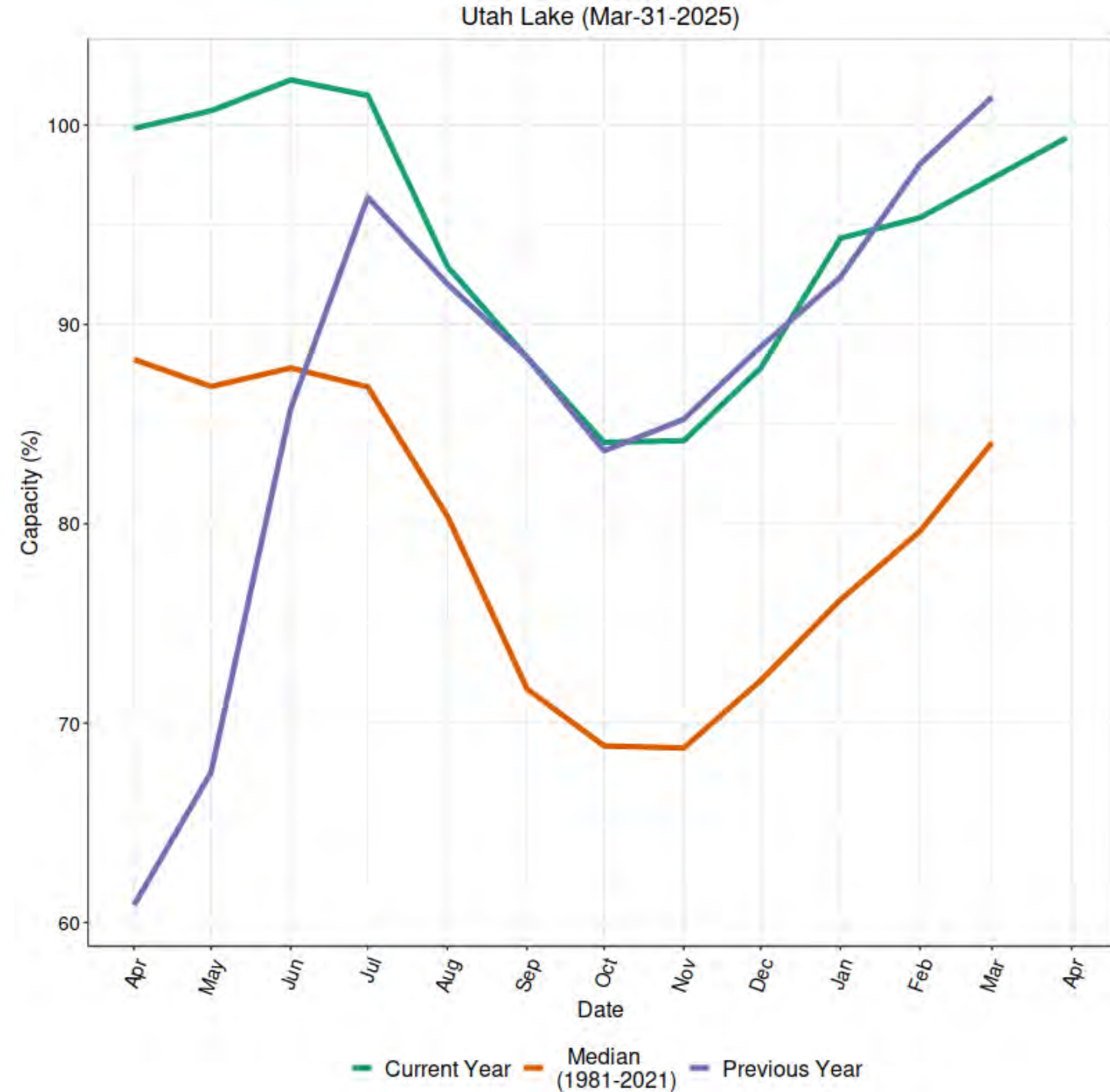
Wasatch Reservoirs: % full

Data Current as of:
03/30/2025

Bear, Weber, and Provo River Basins

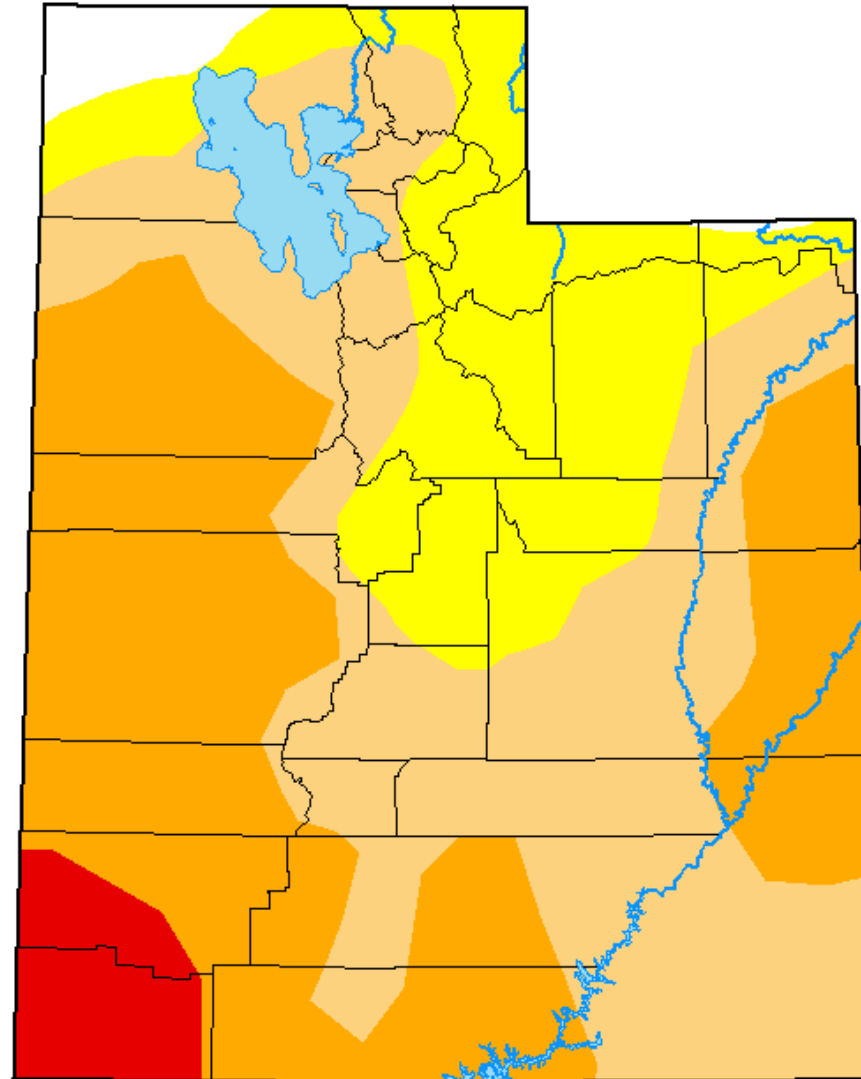


Utah Lake: % full



Utah: Drought Monitor

U.S. Drought Monitor Utah



March 25, 2025

(Released Thursday, Mar. 27, 2025)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	2.02	97.98	77.25	39.33	4.26	0.00
Last Week <i>03-18-2025</i>	1.94	98.06	77.67	39.33	4.26	0.00
3 Months Ago <i>12-24-2024</i>	14.17	85.83	19.50	1.56	0.00	0.00
Start of Calendar Year <i>01-07-2025</i>	10.74	89.26	17.17	1.56	0.00	0.00
Start of Water Year <i>10-01-2024</i>	18.31	81.69	9.48	0.00	0.00	0.00
One Year Ago <i>03-26-2024</i>	72.68	27.32	3.53	0.00	0.00	0.00

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate 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>

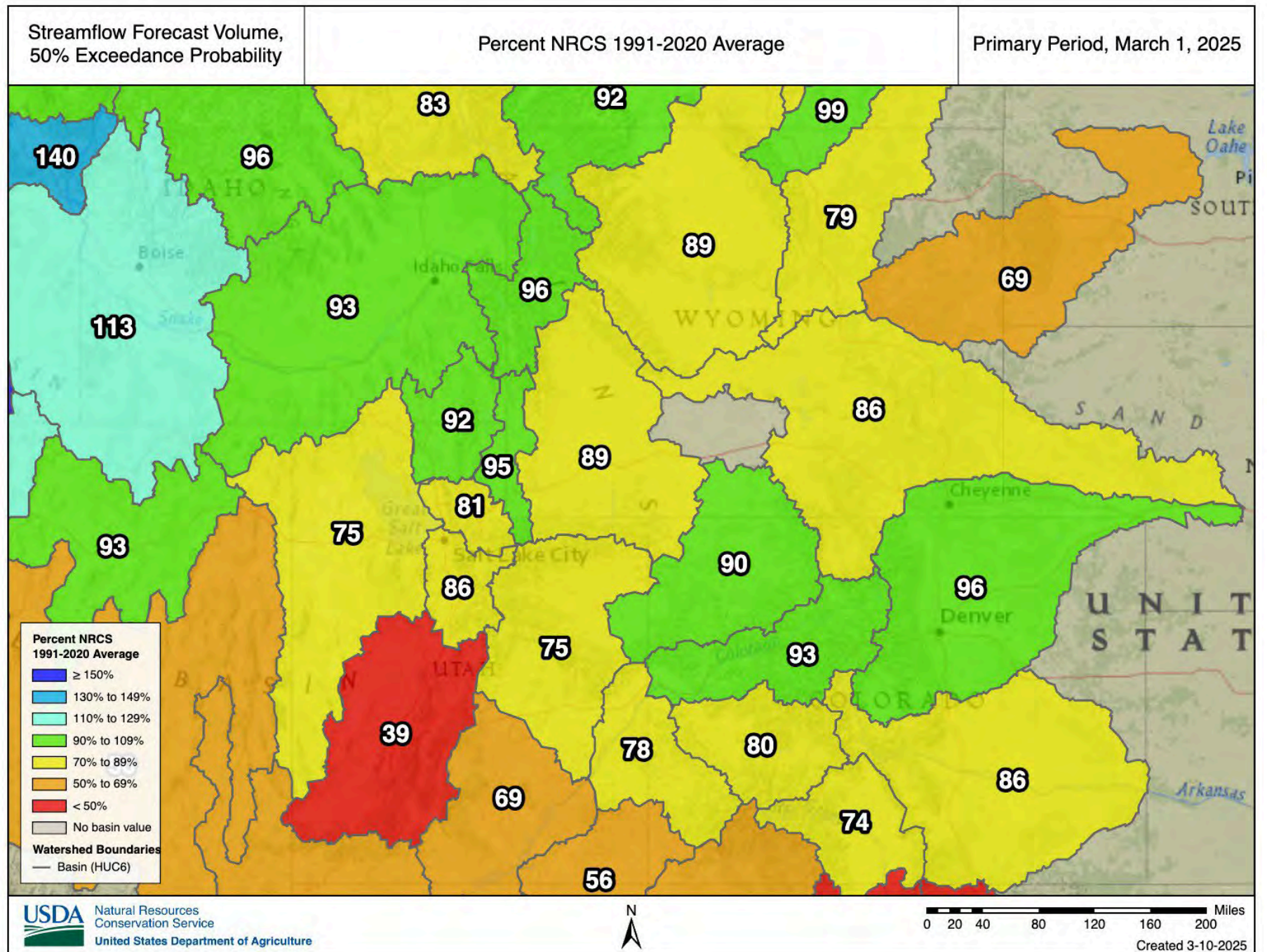
Author:

Brad Rippey
U.S. Department of Agriculture



droughtmonitor.unl.edu

Seasonal Streamflow Forecast

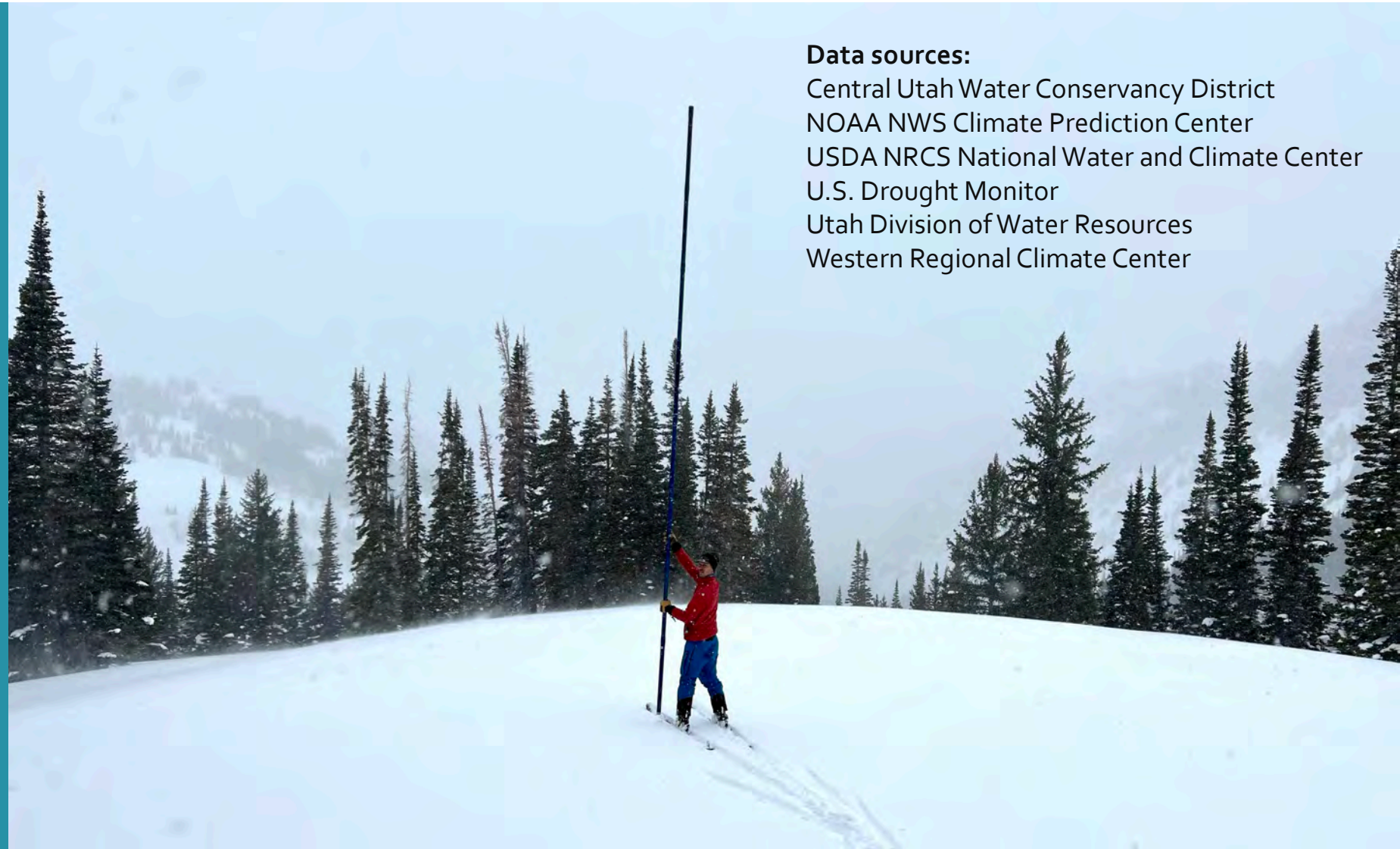


Contact:
Salt Lake County
Flood Control
(385) 468-6600



Data sources:

Central Utah Water Conservancy District
NOAA NWS Climate Prediction Center
USDA NRCS National Water and Climate Center
U.S. Drought Monitor
Utah Division of Water Resources
Western Regional Climate Center



<https://slco.to/runoffready>

2025 Runoff Ready Preparation

- Runoff Prep collaboration with cities and towns
- Public outreach and education program, including dedicated website and social media engagement
 - <https://slco.to/runoffready>
- Resource collaboration with municipalities
 - 15,000 filled sandbags and 823,000 unfilled sandbags
 - Two (2) Sandbagger Machines ready to go
 - FC Crews walking creeks for debris removal
 - Staging equipment on Emigration & Parley's Creeks
 - Coordinate all response with cities

2025 Runoff Ready Preparation (cont.)

- Flood Control & Watershed continuously monitor precipitation and snowpack data.
- Systems in place to retrieve real-time data Precipitation, SNOTEL, and Stream Flow information.
- Utilize data-driven decision-making process to prioritize equipment staging and resource allocation.

Typical Peak Runoff Date Ranges by Waterway

City Creek ----- May 15th to May 25th

Emigration Creek ----- April 15th to May 10th

Parley's Creek ----- April 10th to May 10th

Mill Creek ----- May 20th to June 10th

Big Cottonwood Creek ----- May 20th to June 25th

Little Cottonwood Creek ----- June 5th to June 25th



Current Status

1. Controlled releases from Utah Lake to the Jordan River
 - Additional 300 to 500 cfs through mid-June
2. May have ground water issues in the surrounding areas along the river
3. Emigration and Parley's Creeks are actively running off

Thank You

Questions?

<https://slco.to/runoffready>

