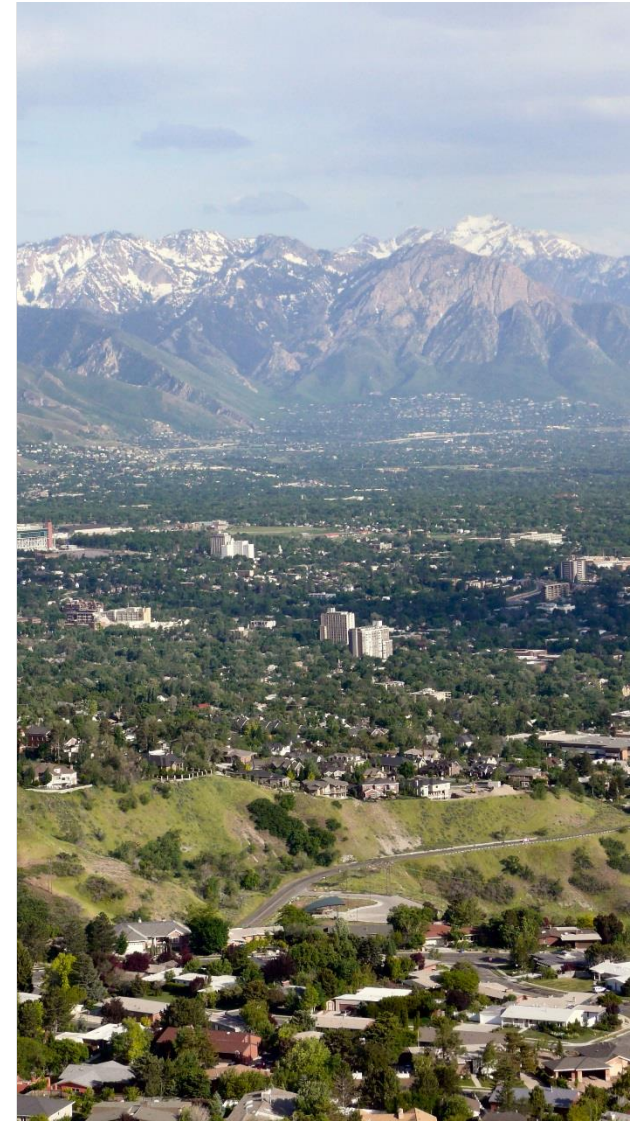


# 2023 Climate and Hydrology

Updated February 1, 2023

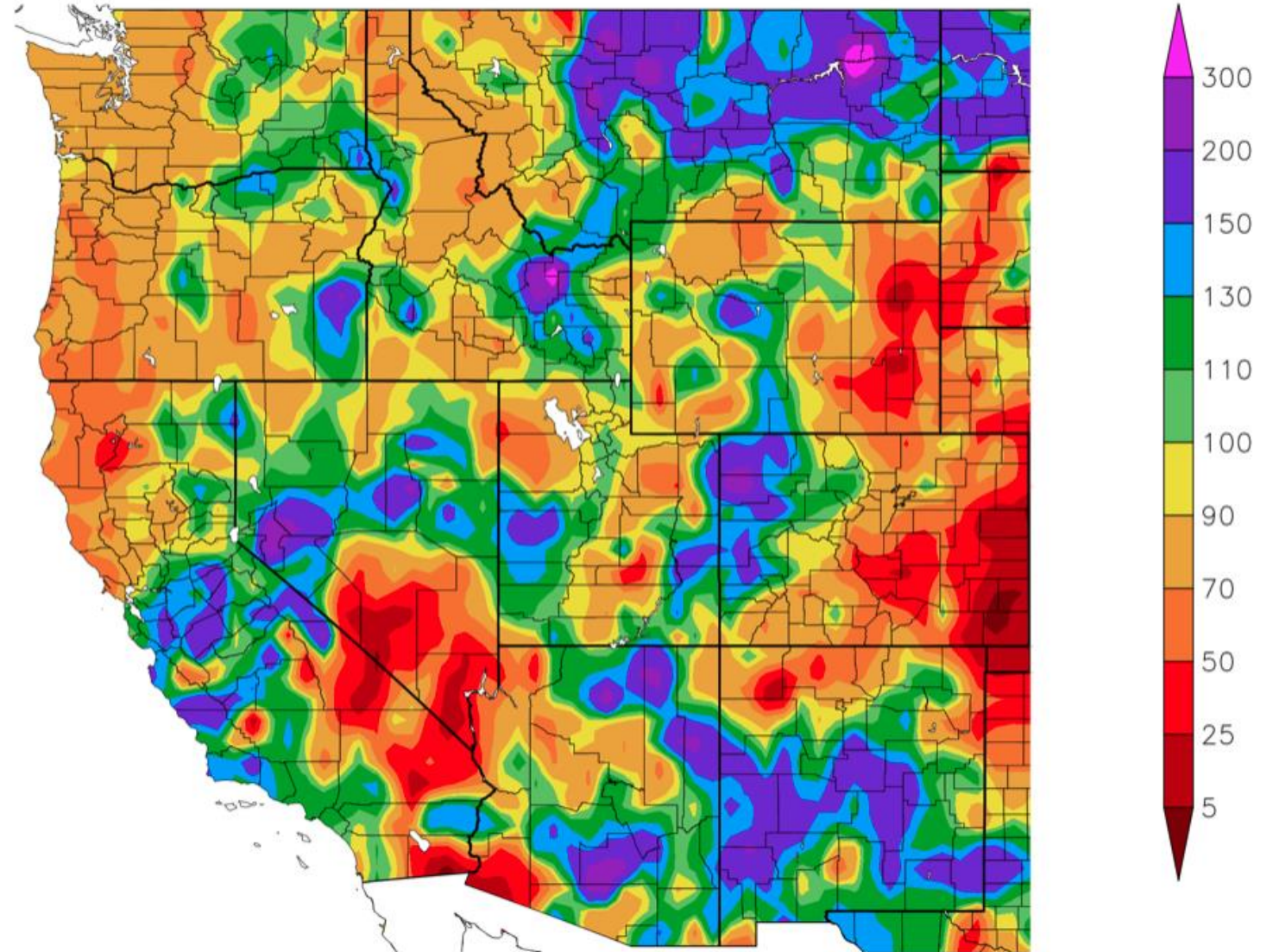
Presented by

Salt Lake County  
Flood Control Engineering  
& Watershed Planning  
and Restoration Program



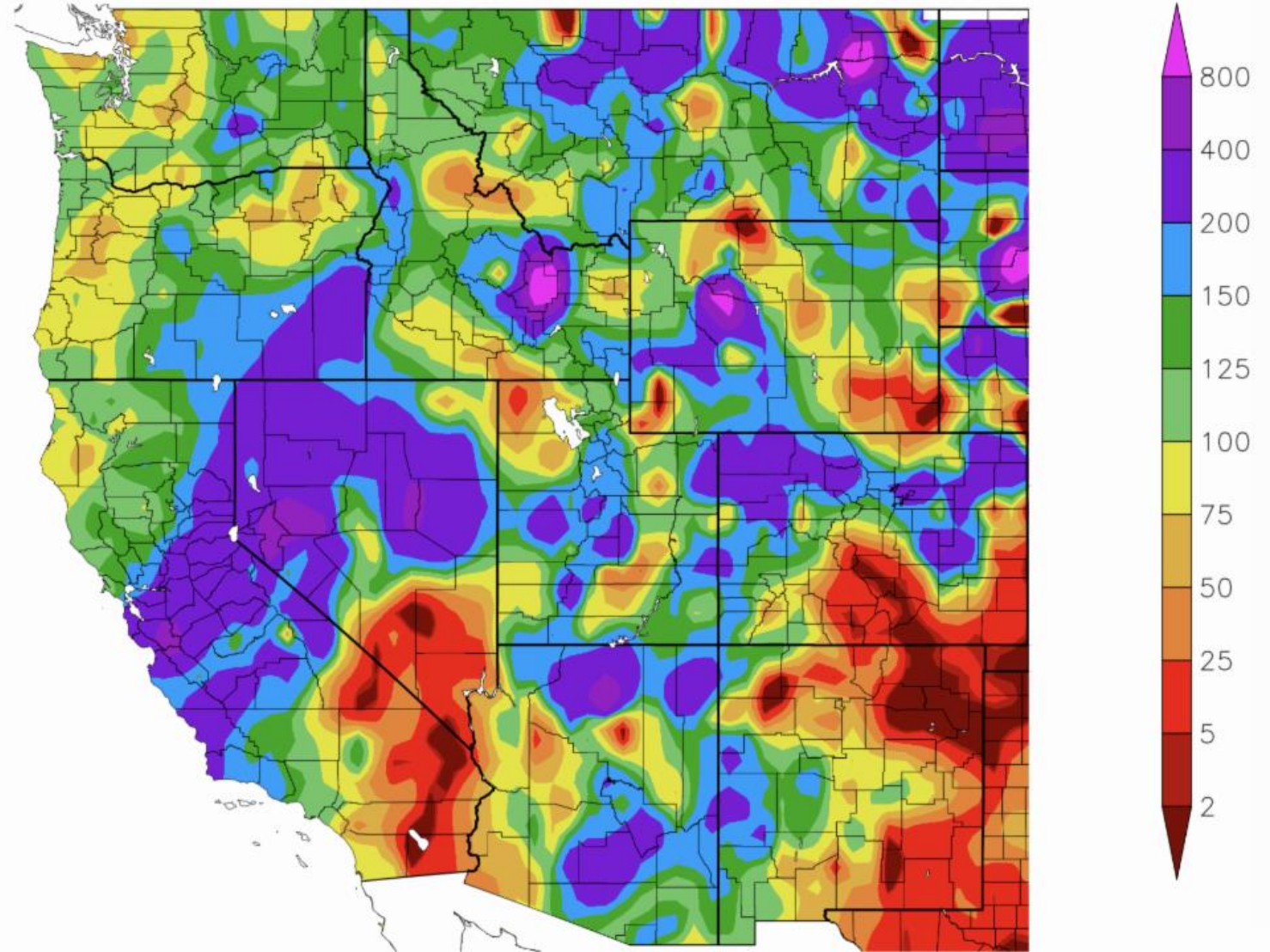
# Western United States: Precipitation WY

Percent of Normal Precipitation (%)  
10/1/2022 – 12/31/2022



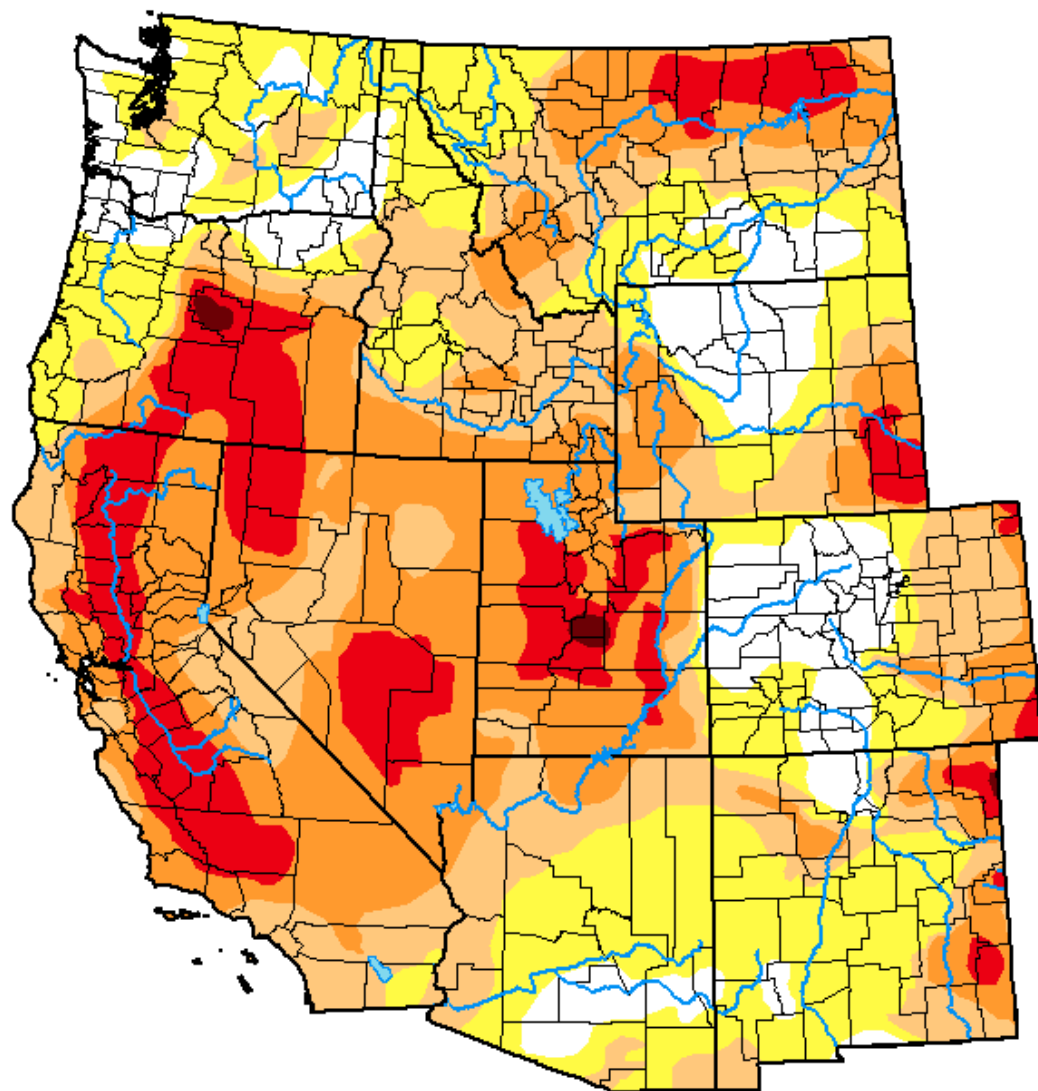
Western  
United  
States:  
Precipitation  
30 day

Percent of Normal Precipitation (%)  
12/1/2022 – 12/31/2022



# U.S. Drought Monitor Western U.S.

**January 3, 2023**  
(Released Thursday, Jan. 5, 2023)  
Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	12.08	87.92	62.42	38.84	12.41	0.27
<b>Last Week</b> 12-27-2022	8.44	91.56	64.25	43.80	14.08	1.27
<b>3 Months Ago</b> 10-04-2022	5.35	94.65	73.35	47.43	19.32	2.65
<b>Start of Calendar Year</b> 01-03-2023	12.08	87.92	62.42	38.84	12.41	0.27
<b>Start of Water Year</b> 09-27-2022	3.89	96.11	73.90	47.71	19.37	2.63
<b>One Year Ago</b> 01-04-2022	3.68	96.32	89.29	64.90	23.85	3.94

Intensity:



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 Pugh  
CPC/NOAA

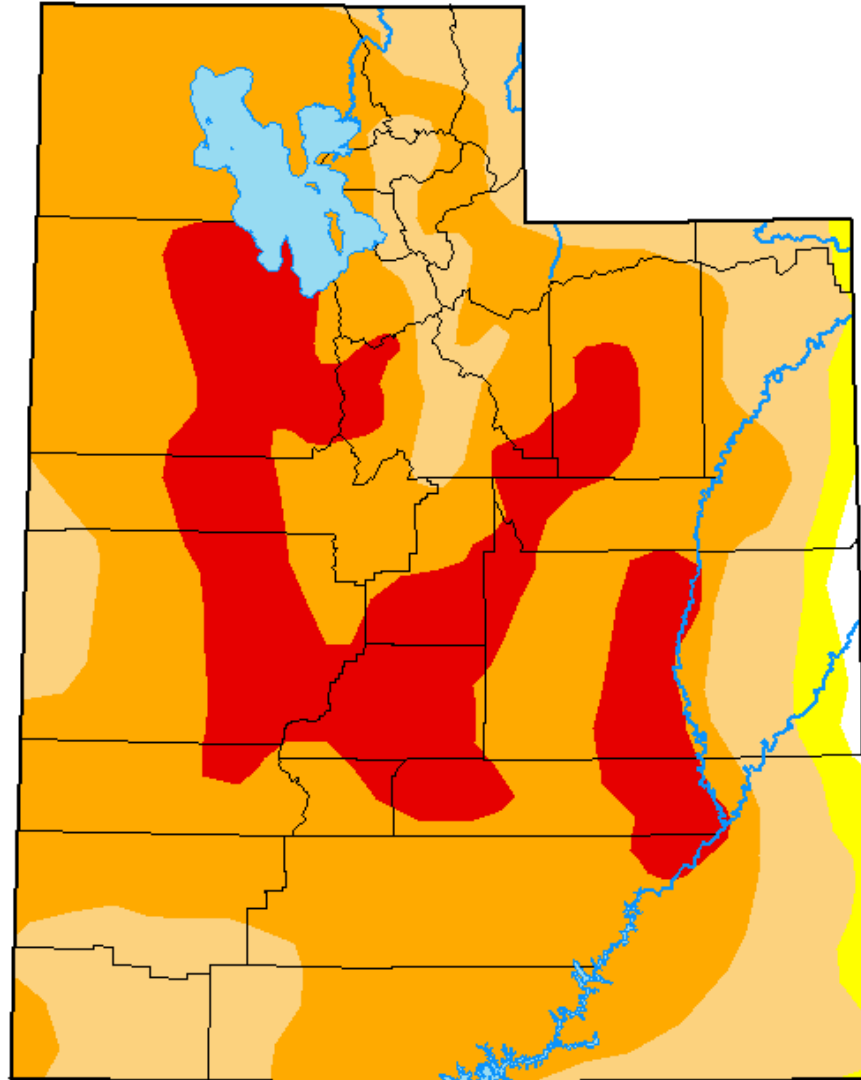


Western  
United  
States:  
Drought  
Monitor

# Utah: Drought Monitor

## U.S. Drought Monitor Utah

**January 24, 2023**  
(Released Thursday, Jan. 26, 2023)  
Valid 7 a.m. EST



*Drought Conditions (Percent Area)*

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	0.70	99.30	96.45	74.02	18.52	0.00
<b>Last Week</b> <i>01-17-2023</i>	0.70	99.30	96.45	77.15	19.77	0.00
<b>3 Months Ago</b> <i>10-25-2022</i>	0.00	100.00	100.00	94.44	51.72	1.91
<b>Start of Calendar Year</b> <i>01-03-2023</i>	0.77	99.23	96.89	86.75	27.59	1.91
<b>Start of Water Year</b> <i>09-27-2022</i>	0.00	100.00	100.00	95.73	56.39	3.63
<b>One Year Ago</b> <i>01-25-2022</i>	0.00	100.00	100.00	93.76	31.81	0.00

Intensity:



*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

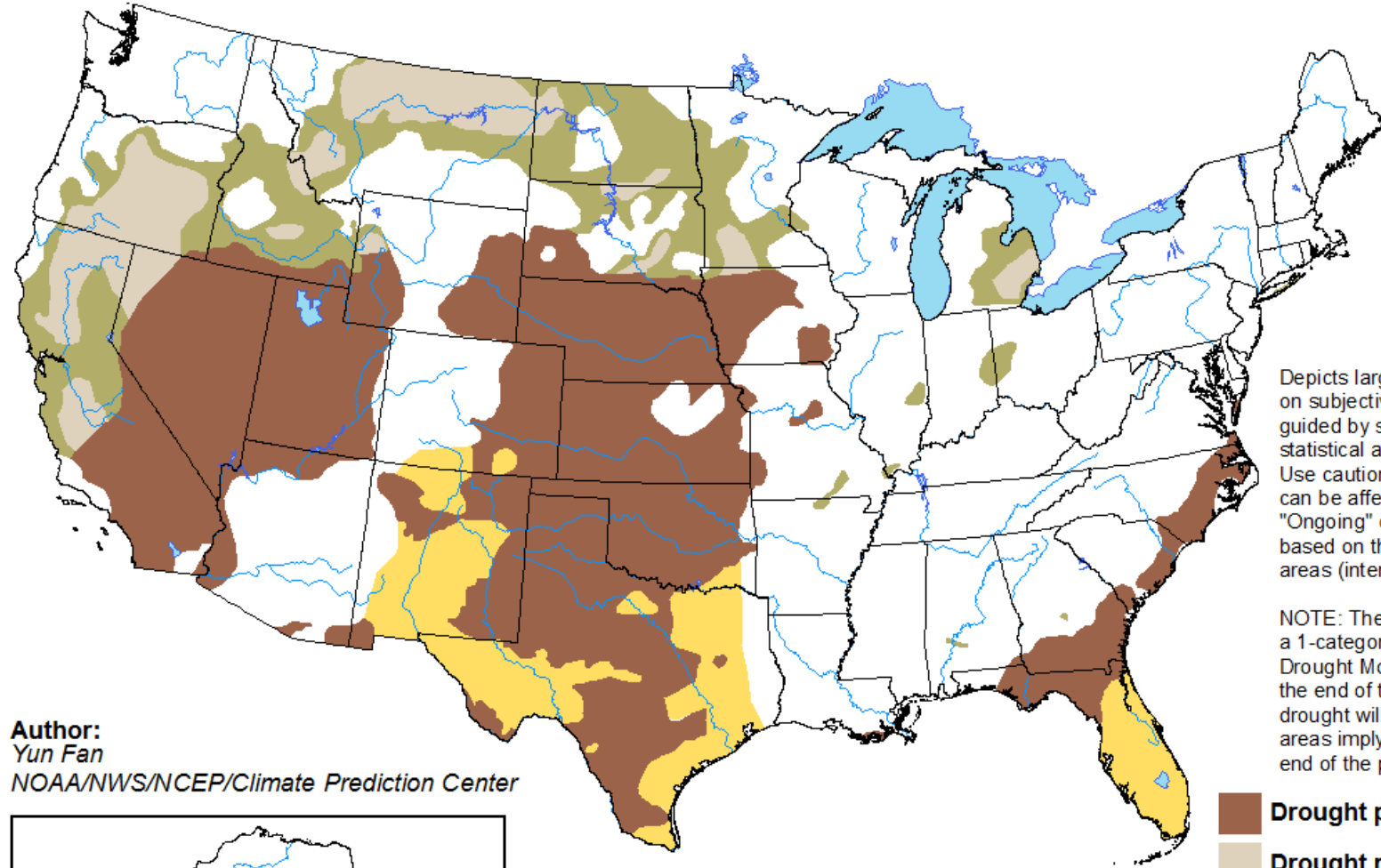


# U.S. Seasonal Drought Outlook

## Drought Tendency During the Valid Period

Valid for January 19 - April 30, 2023  
Released January 19

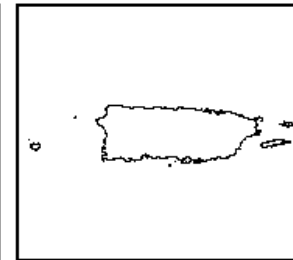
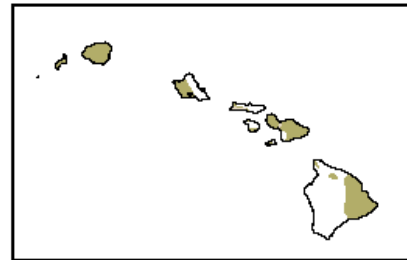
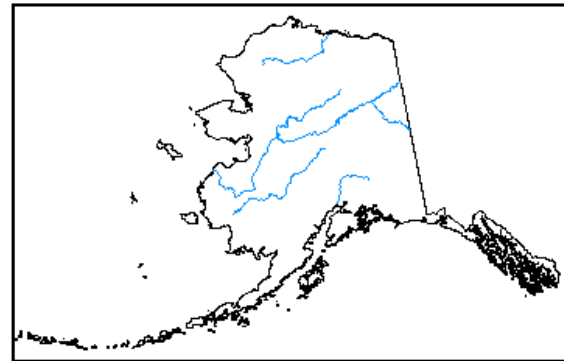
# Western United States: Drought Monitor







Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

Author:  
Yun Fan  
NOAA/NWS/NCEP/Climate Prediction Center

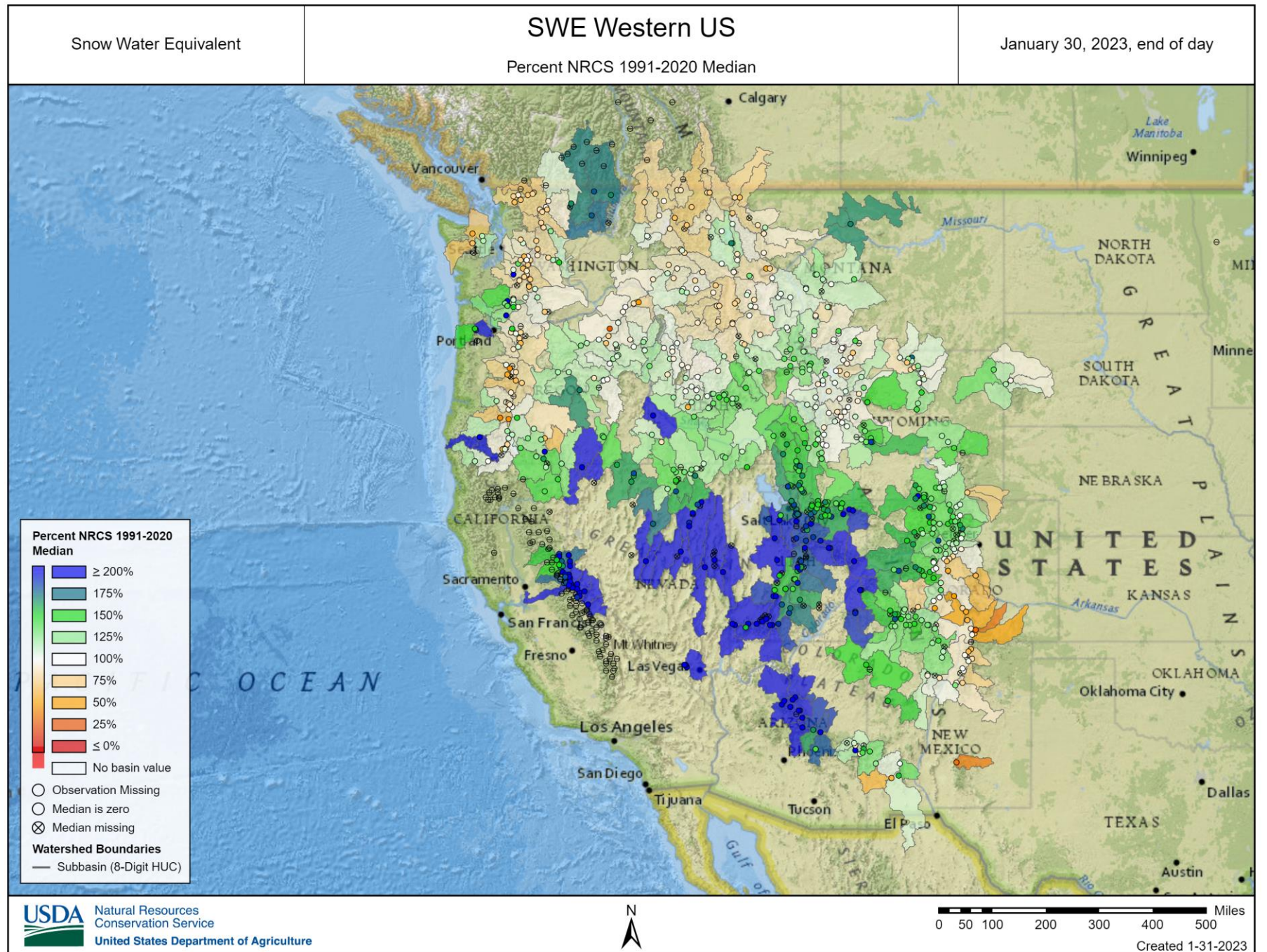


-  Drought persists
-  Drought remains but improves
-  Drought removal likely
-  Drought development likely

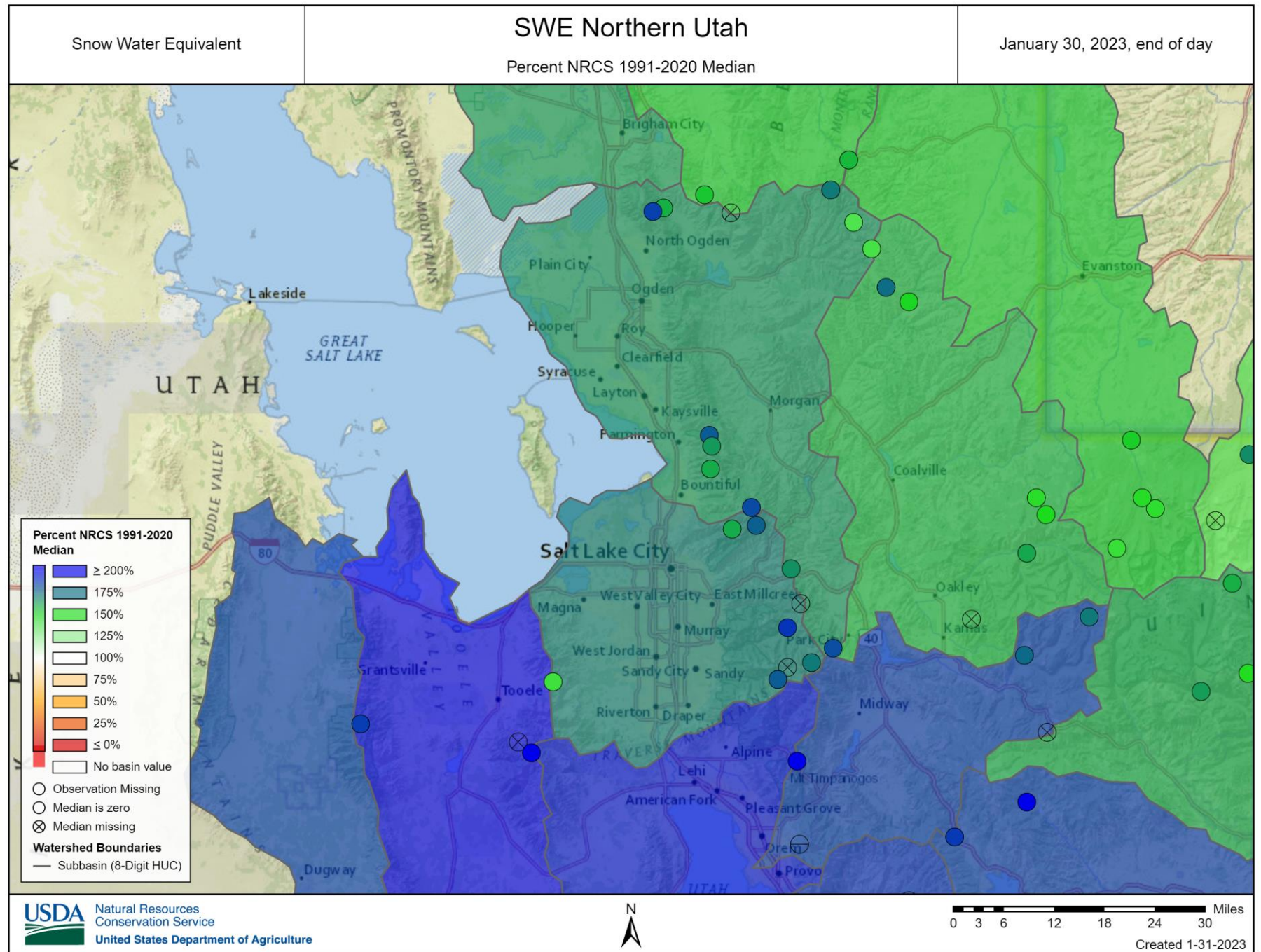


<http://go.usa.gov/3eZ73>

# Western United States: SWE



# Northern Utah Basins: Snow Water Equivalent (SWE)





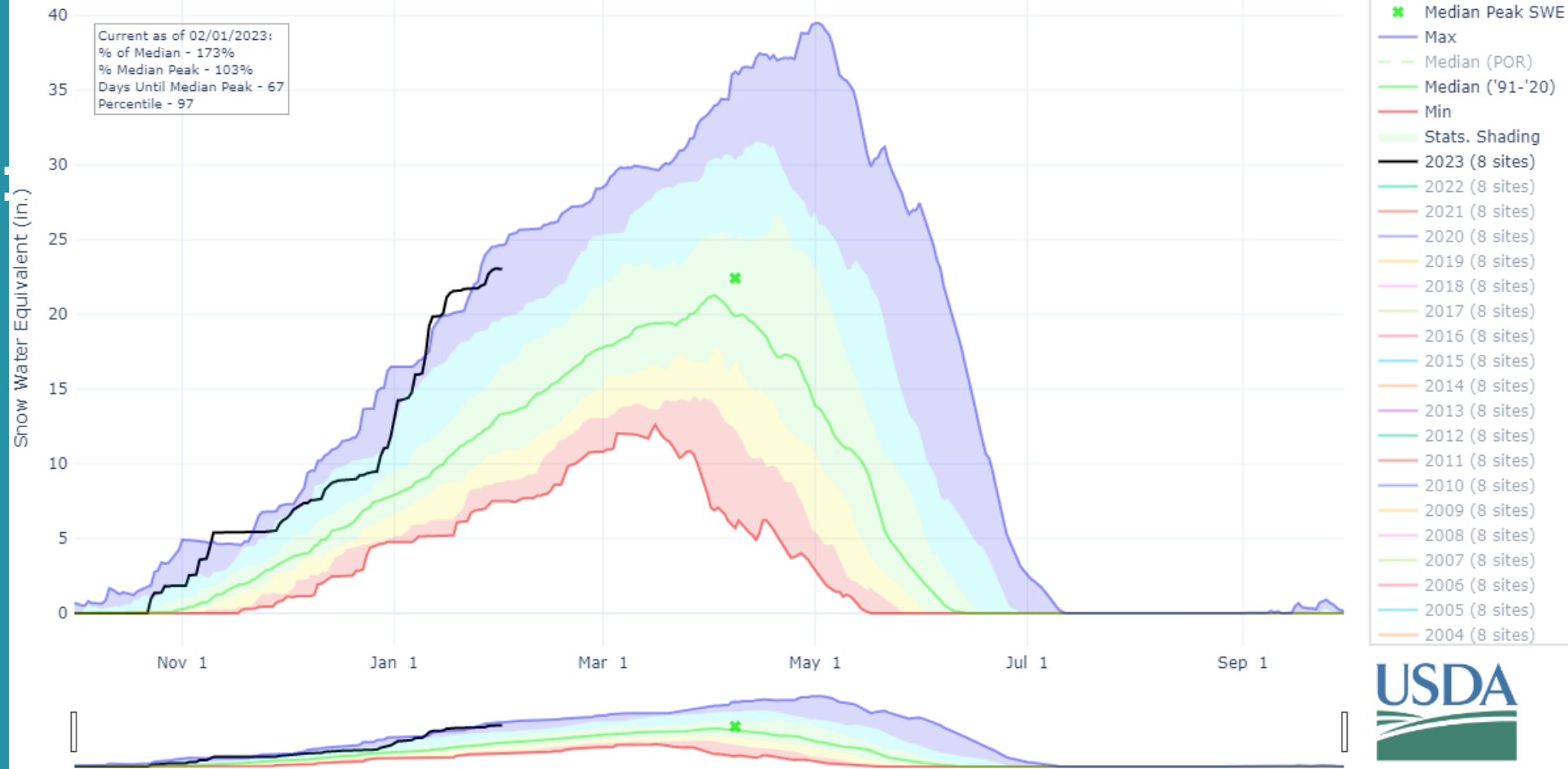
# Jordan Basin Snow Water Equivalent (SWE)

## SNOW WATER EQUIVALENT IN JORDAN

Reset Range

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

Station List

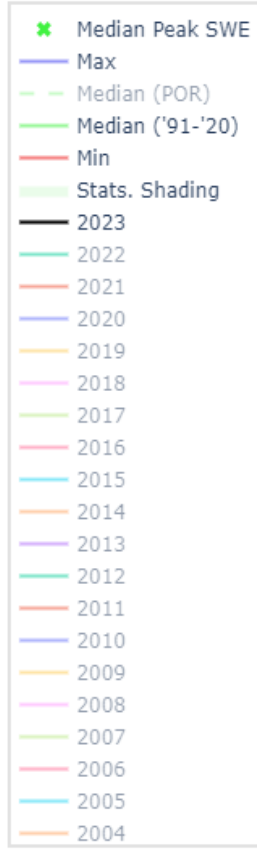
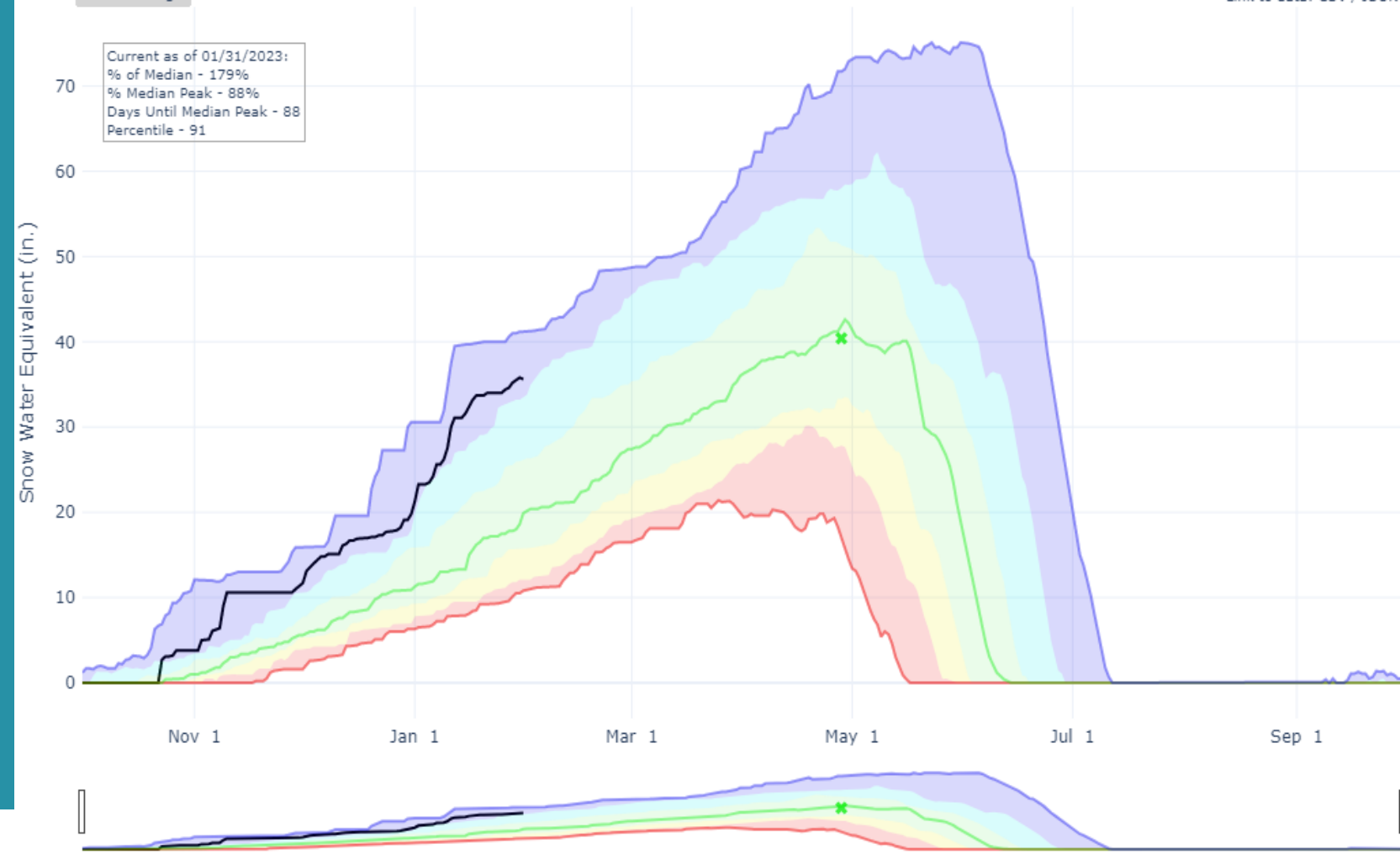


# Snowbird: Snow Water Equivalent (SWE)

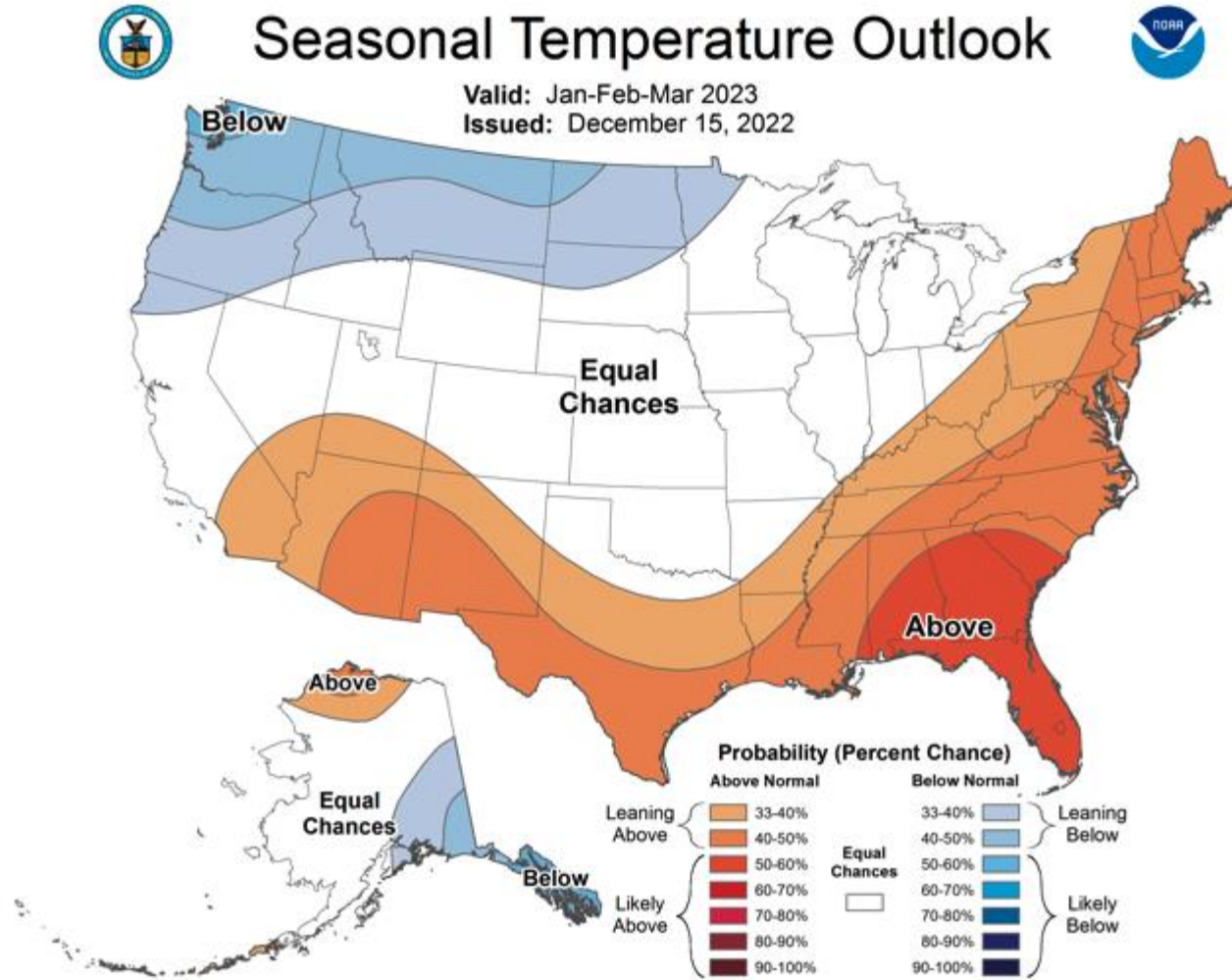
## SNOW WATER EQUIVALENT AT SNOWBIRD

Reset Range

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



# Seasonal Precipitation Forecast



# Seasonal Precipitation Forecast

