

ONE WATER



CONSERVE  
SOURCE & SUPPLY  
RECHARGE & REUSE

# Welcome Water Advisory Committee

Brooke MacNaughtan

Bob Tingey

Chris McCormick

David Tufte

Evan Vickers

Frank Nichols

Paul Briggs

Randy Carter

Rex Shipp

Rob Dotson

Tyler Melling

Zurl Thornock

Heidi Miller

Johnny MacLean

Jonathan Stathis

Lesle Dodge

Melynda Thorpe

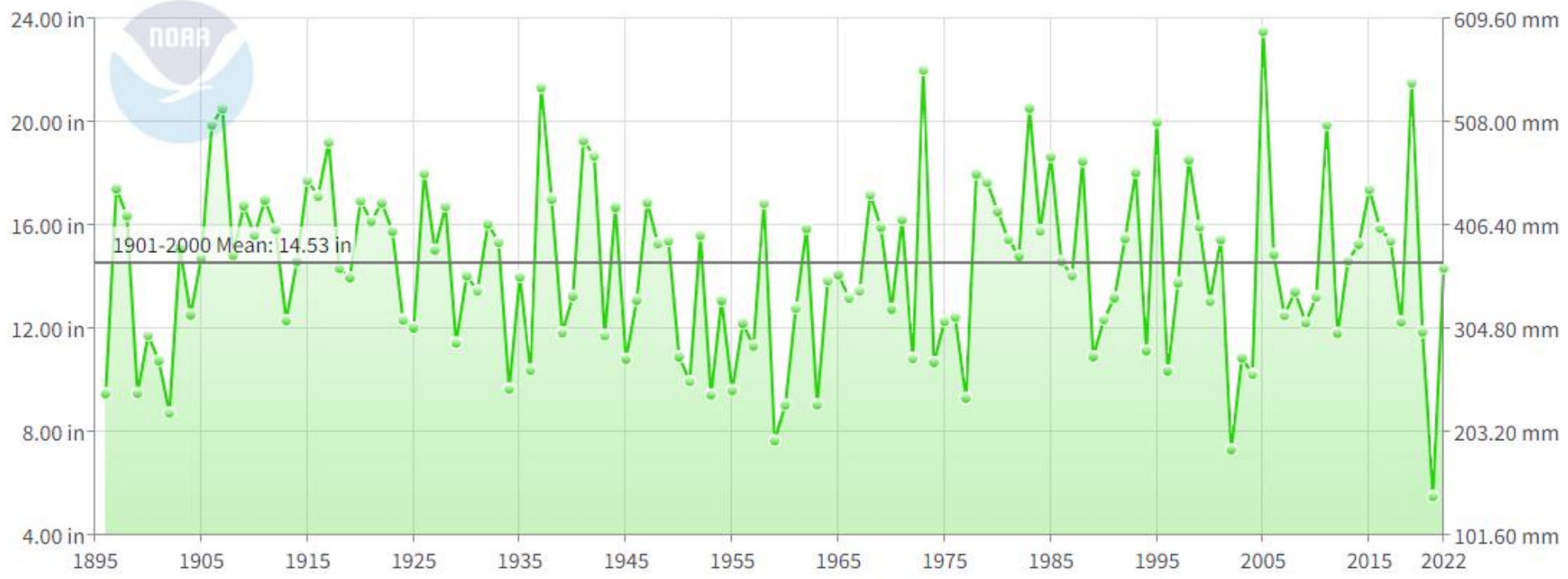
Mindy Benson

Paul Bittmenn

Sage Platt

# Iron County, Utah Precipitation

June-May



# 26th

wettest November on  
record, over the past 128  
years

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↑ 0.5

inches from normal

# 33rd

driest year to date over the  
past 128 years (January-  
November 2022)

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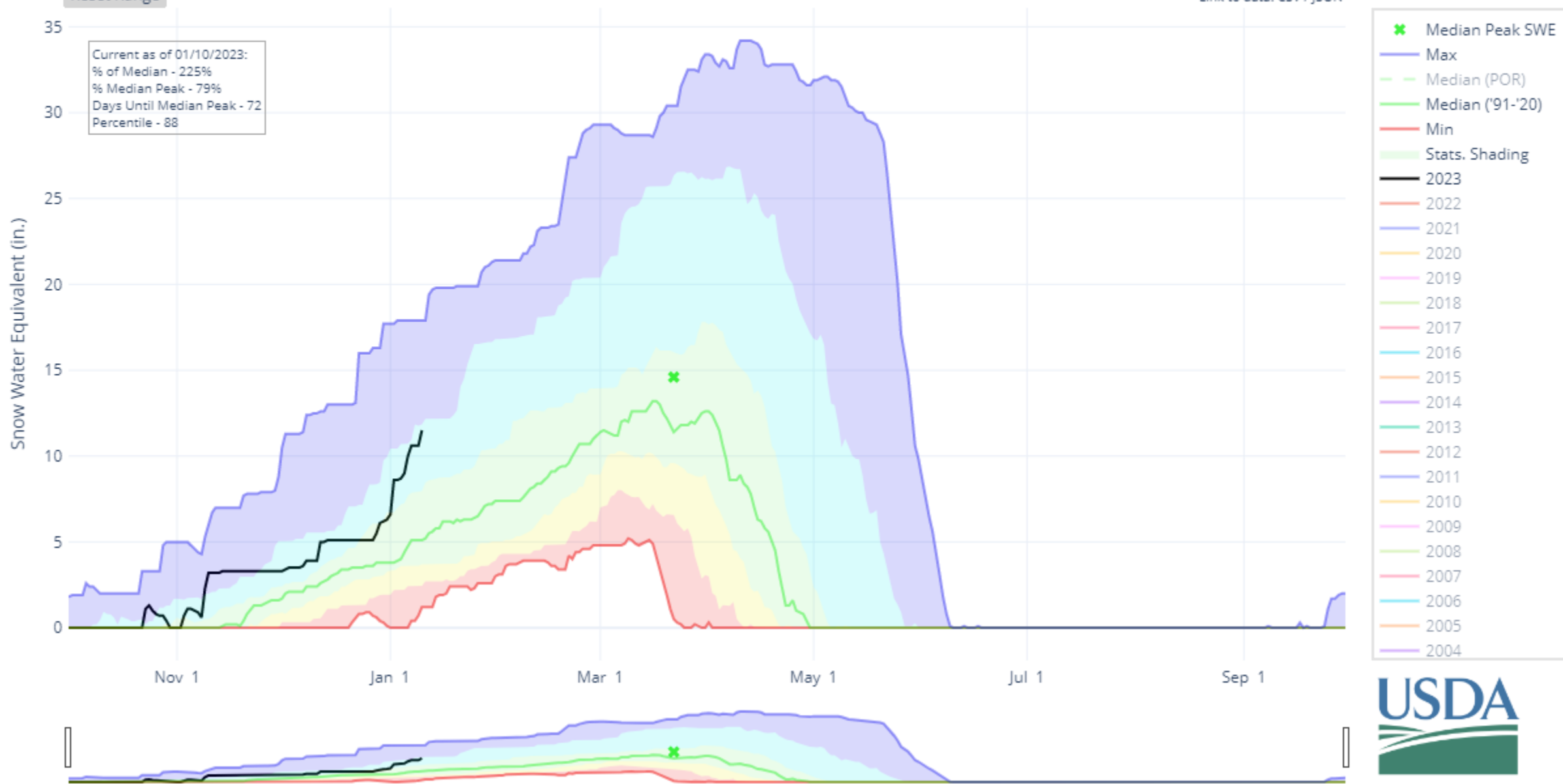
↓ 2.36

inches from normal

# SNOW WATER EQUIVALENT AT WEBSTER FLAT

Reset Range

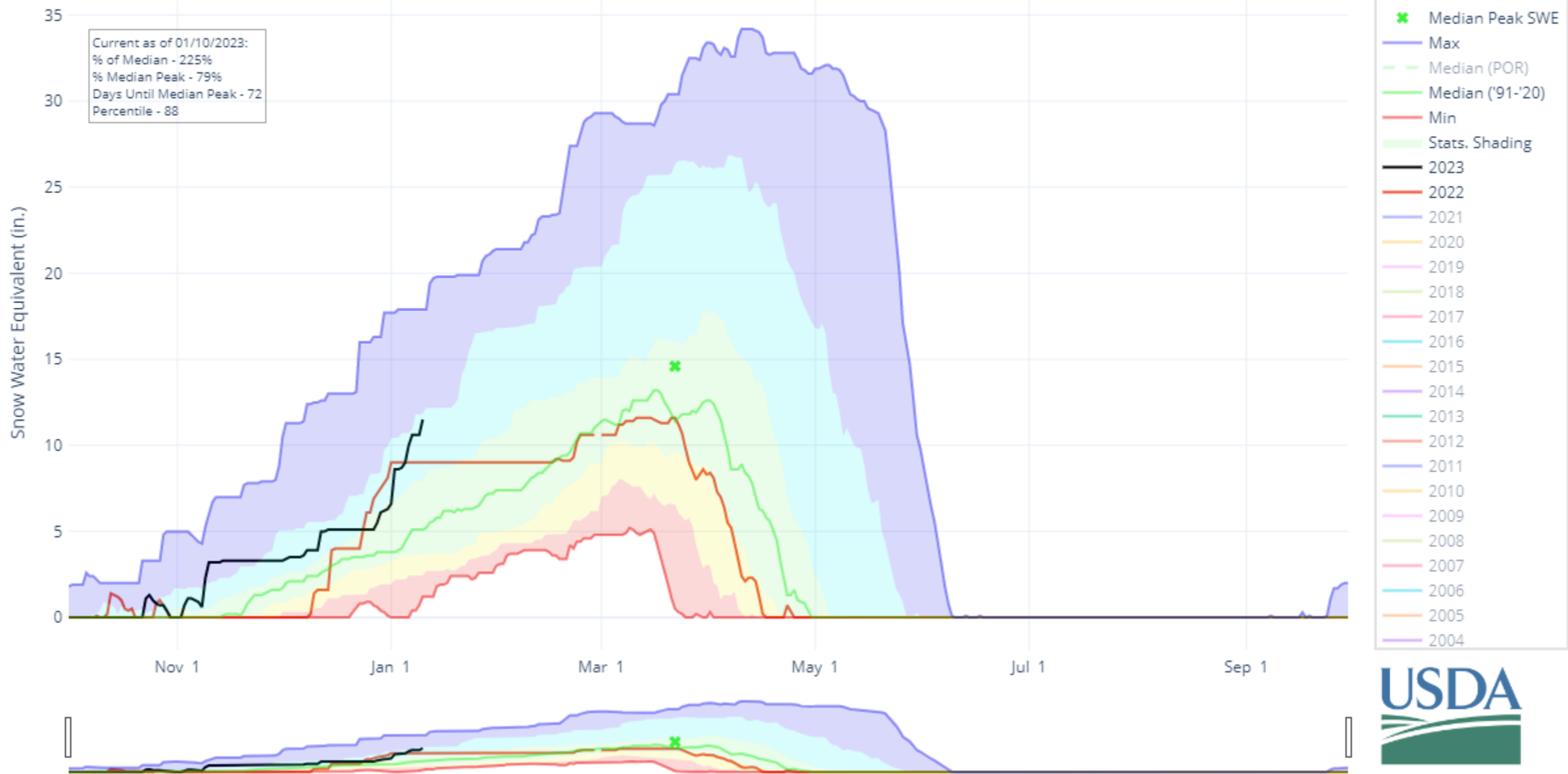
[Link to data: CSV / JSON](#)



# SNOW WATER EQUIVALENT AT WEBSTER FLAT

Reset Range

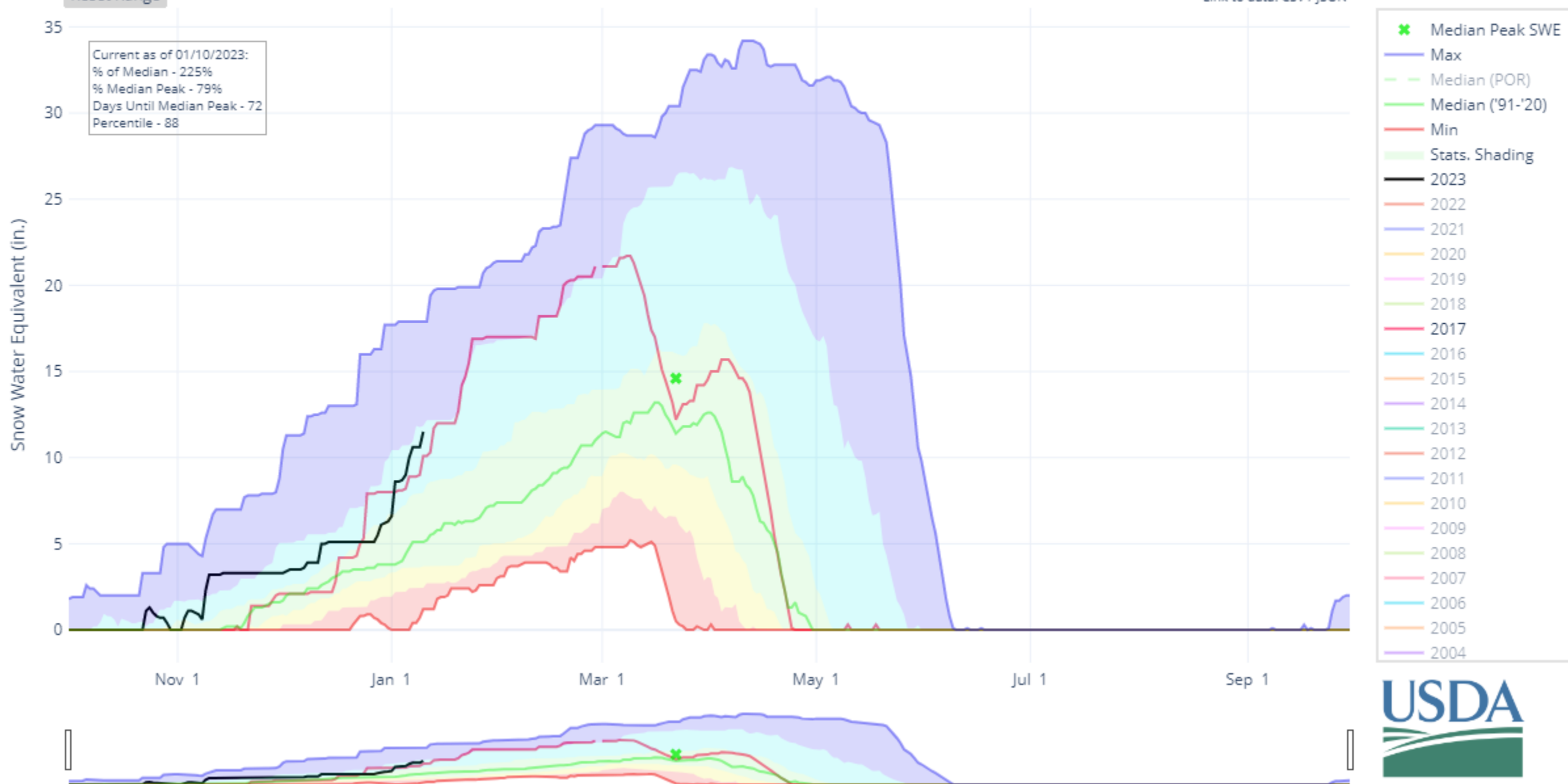
[Link to data: CSV / JSON](#)



# SNOW WATER EQUIVALENT AT WEBSTER FLAT

Reset Range

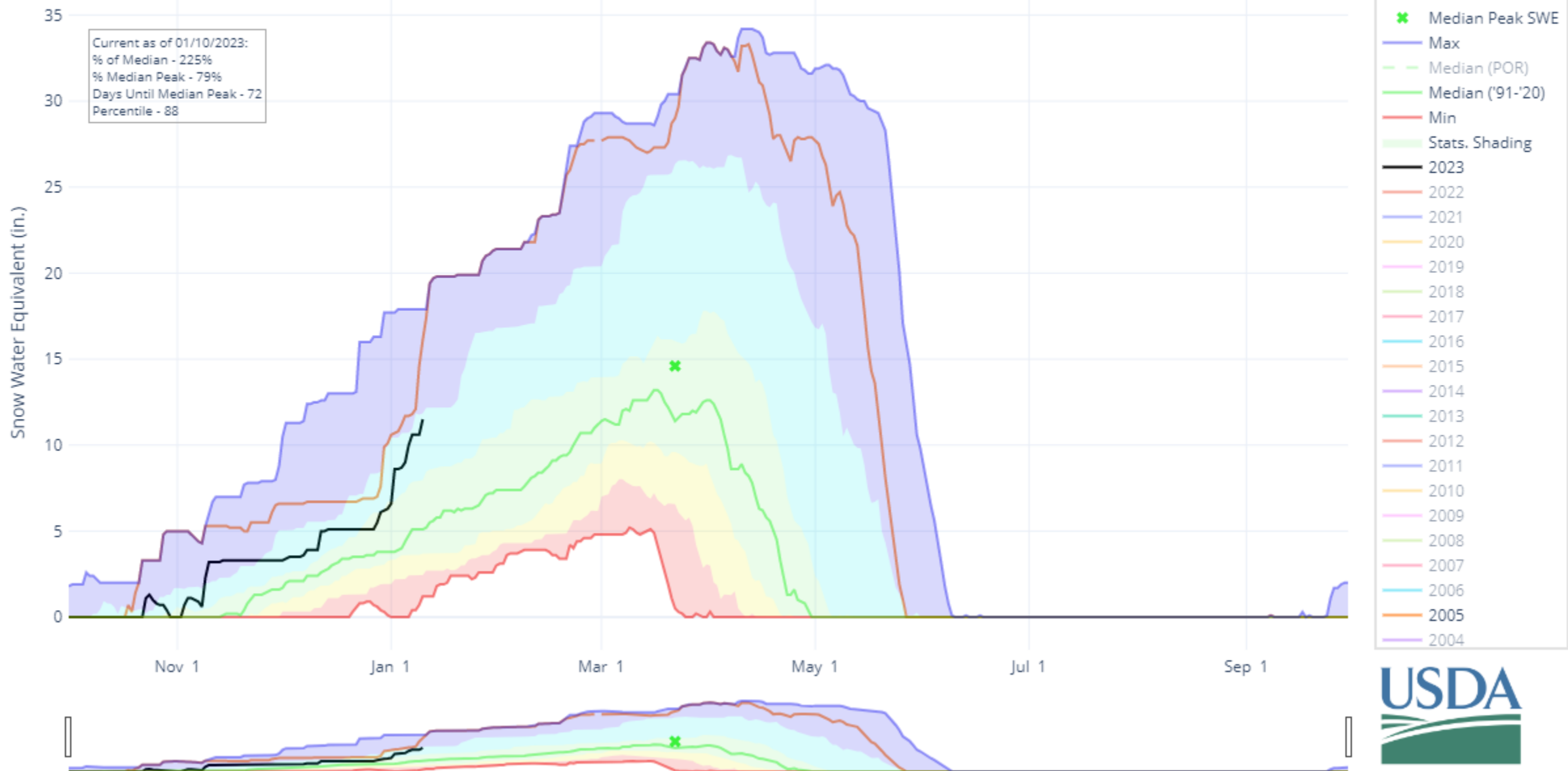
[Link to data: CSV / JSON](#)



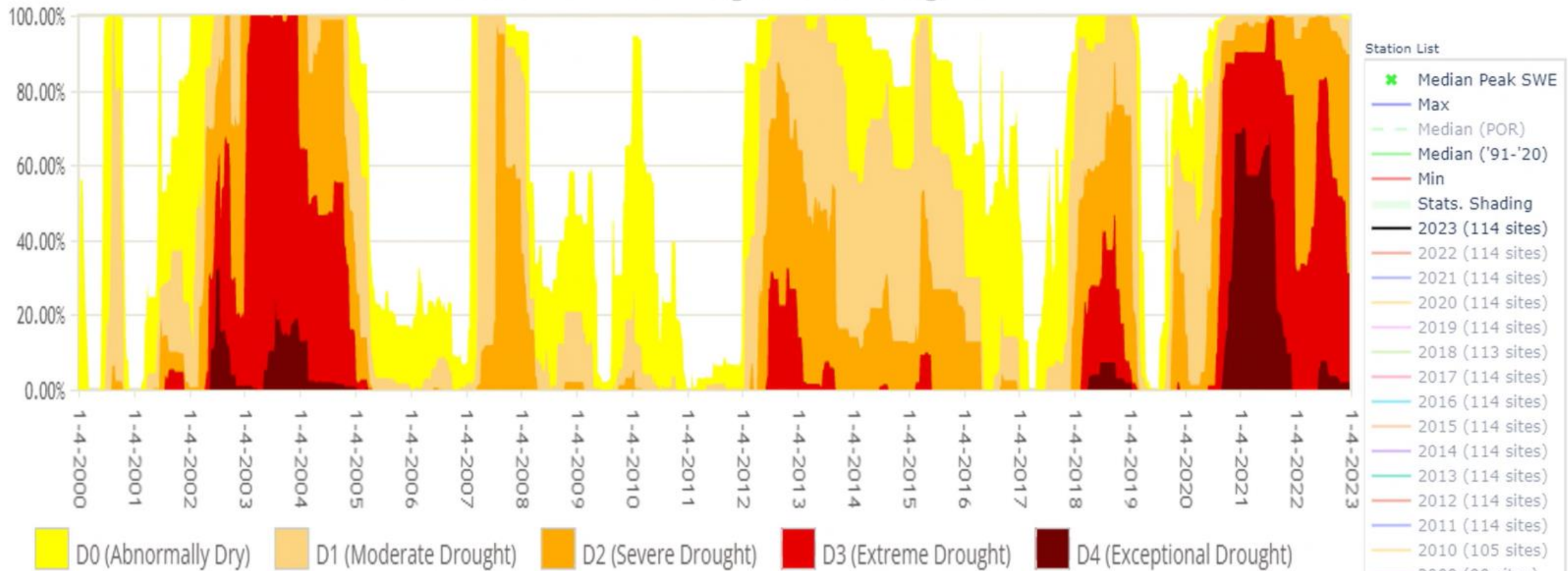
# SNOW WATER EQUIVALENT AT WEBSTER FLAT

Reset Range

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



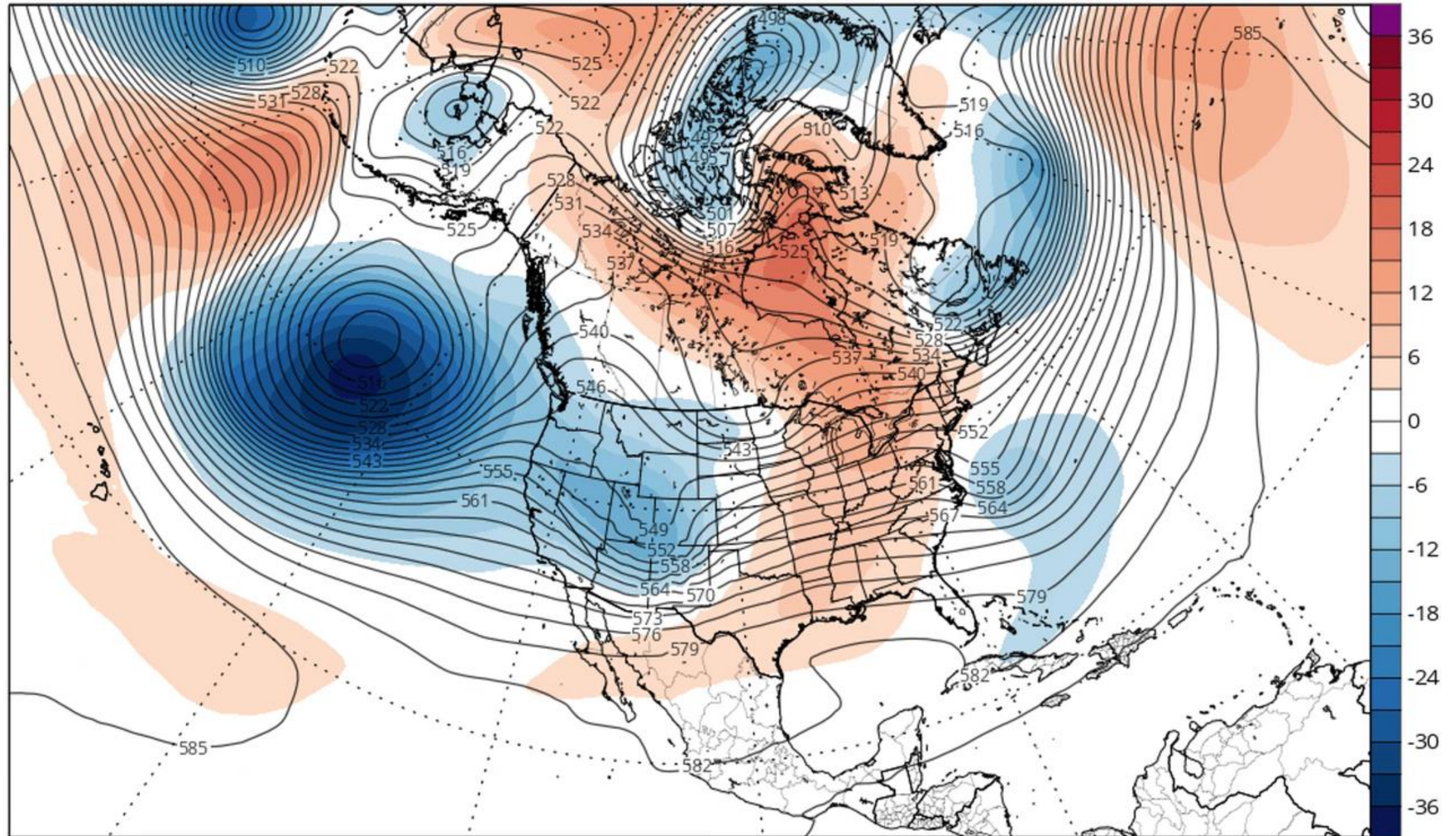
# Utah Percent Area in U.S. Drought Monitor Categories



# GEFS 500mb Geopotential Height & Anomaly (dam) (based on CFSR 1981-2010 Climatology)

Init: 12z Jan 09 2023 Forecast Hour: [48] valid at 12z Wed, Jan 11 2023

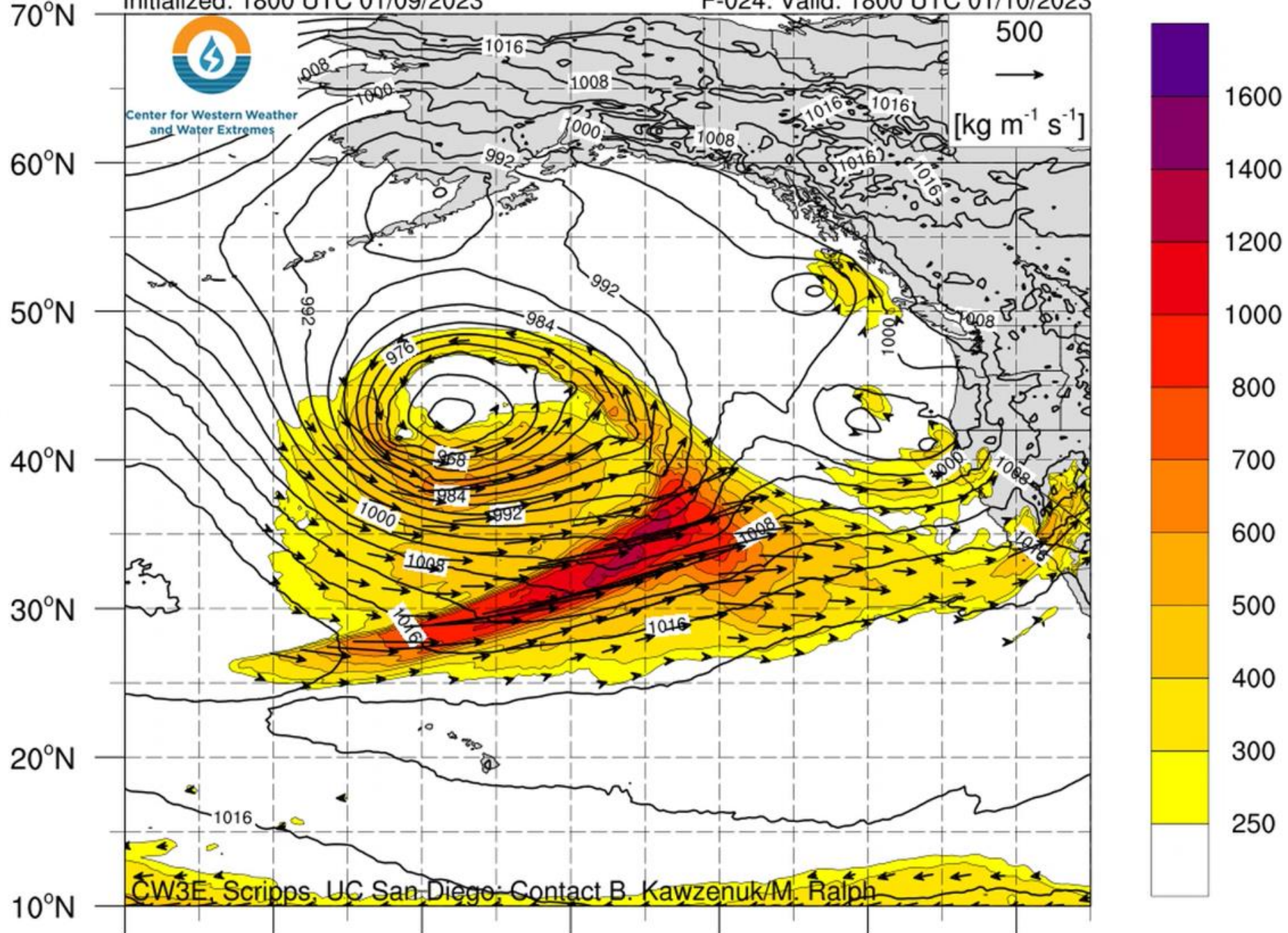
TROPICALTIDBITS.COM



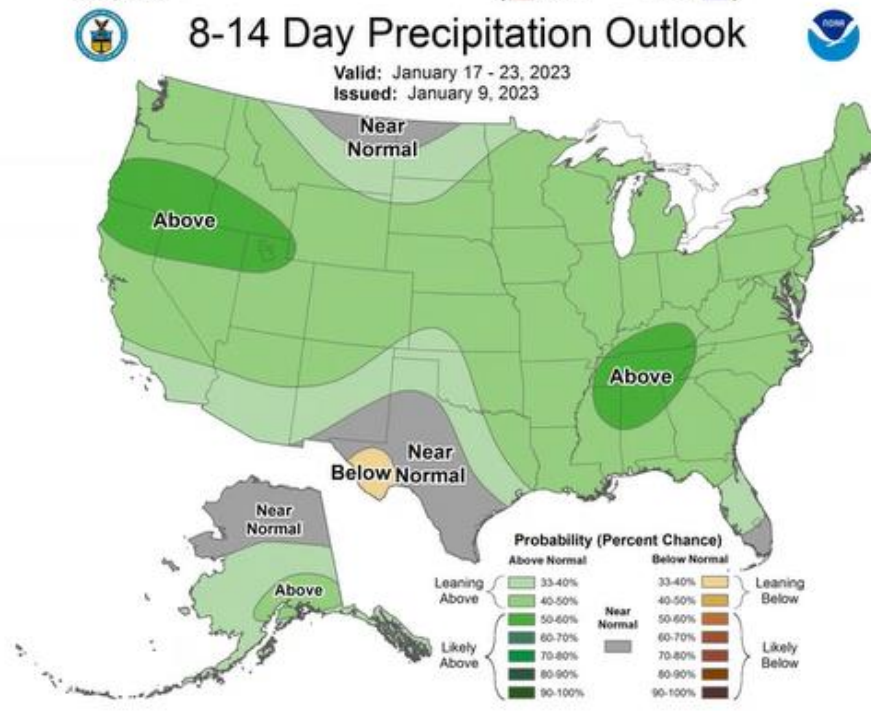
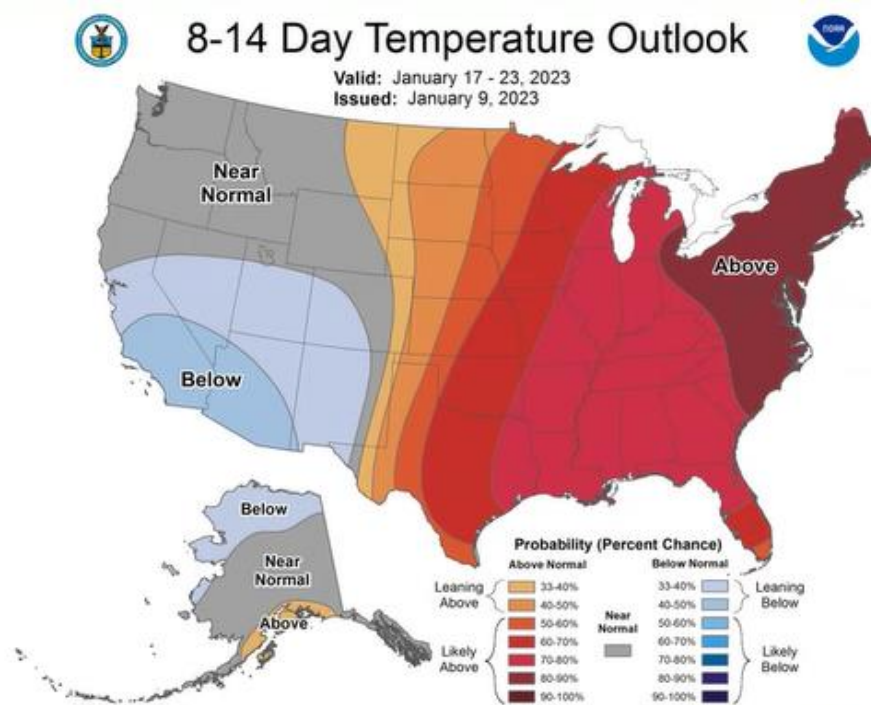
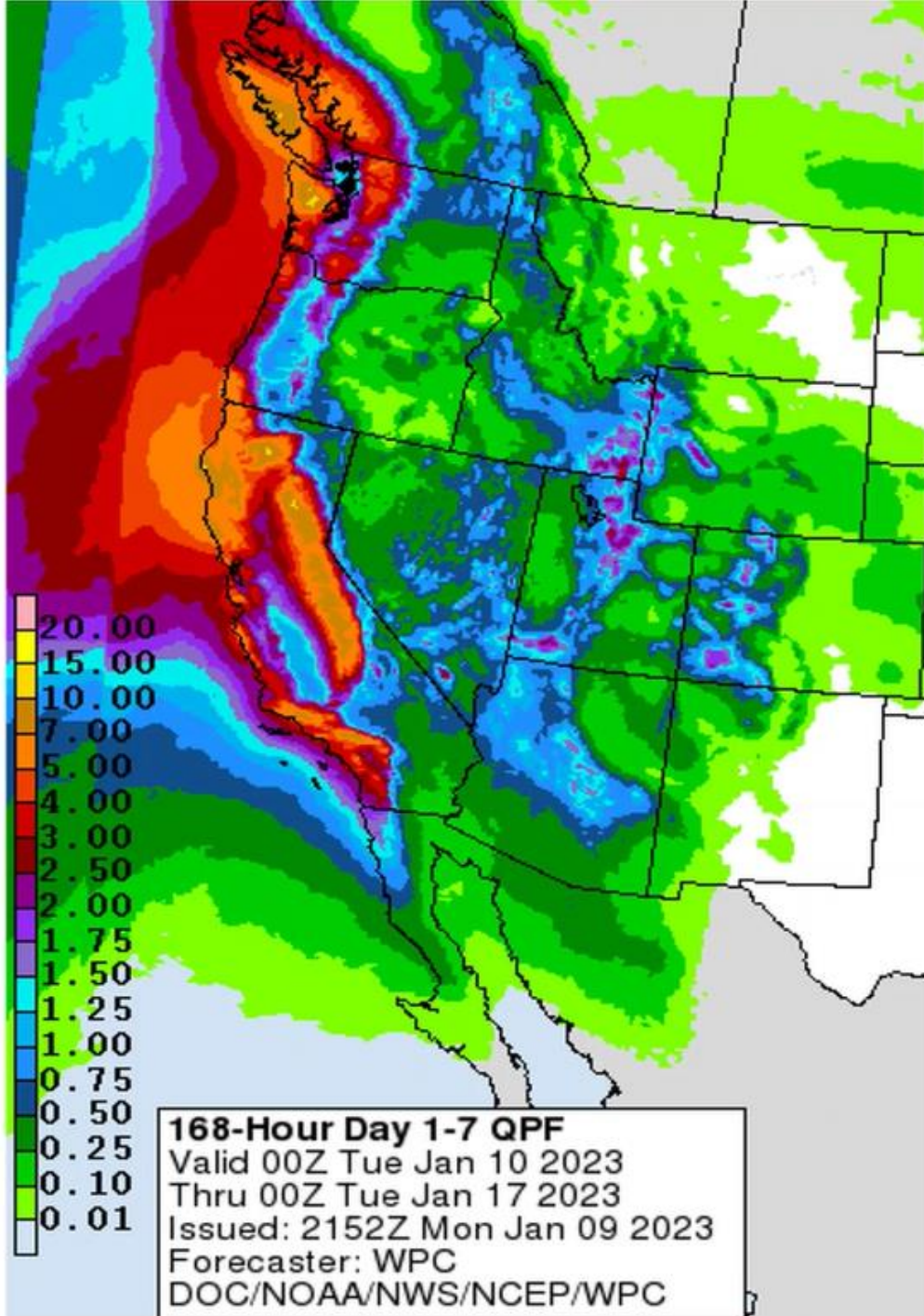
NCEP GFS IVT ( $\text{kg m}^{-1} \text{s}^{-1}$ ; shaded), IVT Vector, and SLP (hPa; contours)

Initialized: 1800 UTC 01/09/2023

F-024: Valid: 1800 UTC 01/10/2023



CW3E, Scripps, UC San Diego; Contact B. Kawzenuk/M. Ralph

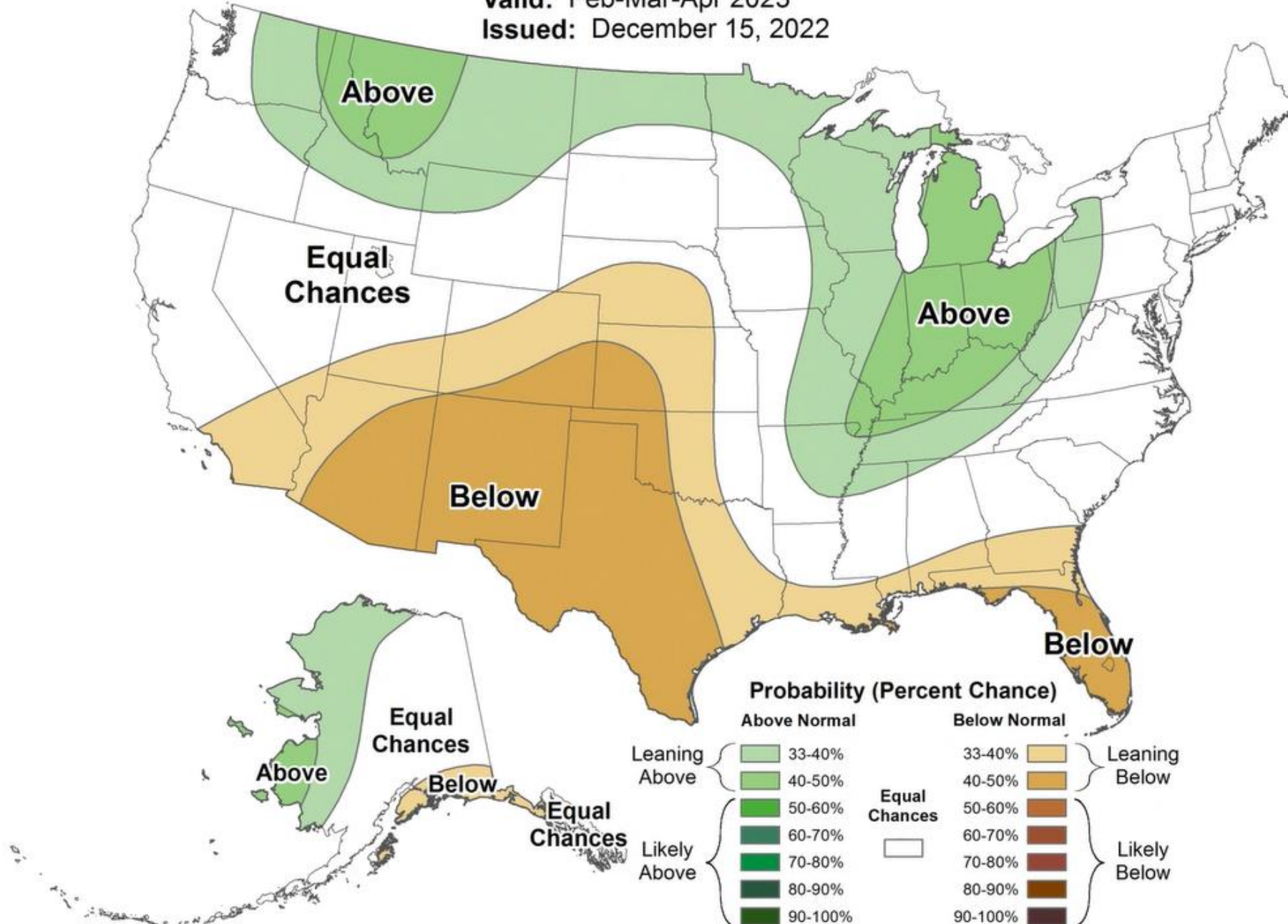




# Seasonal Precipitation Outlook



Valid: Feb-Mar-Apr 2023  
Issued: December 15, 2022

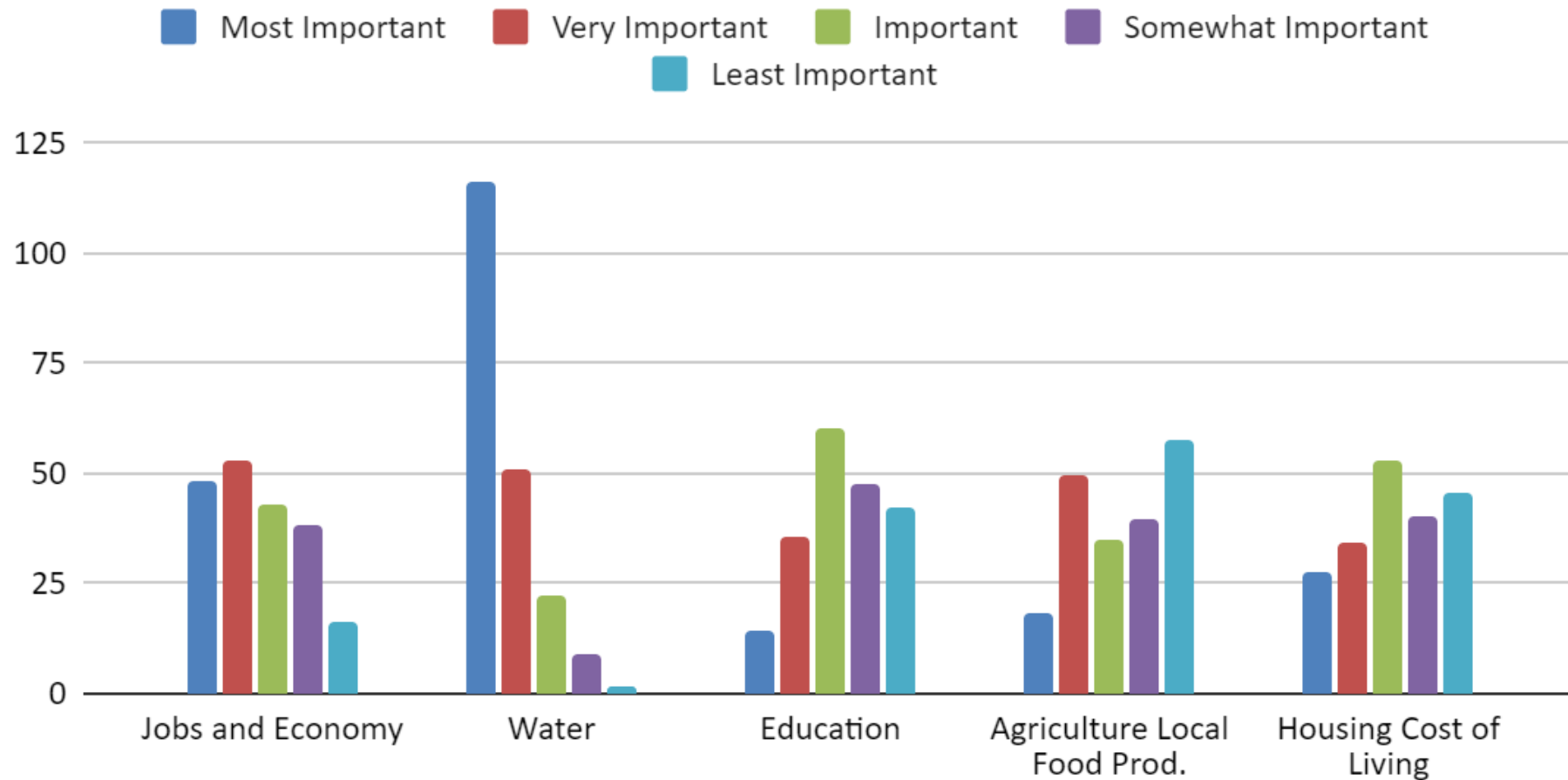




# Public Information & Education



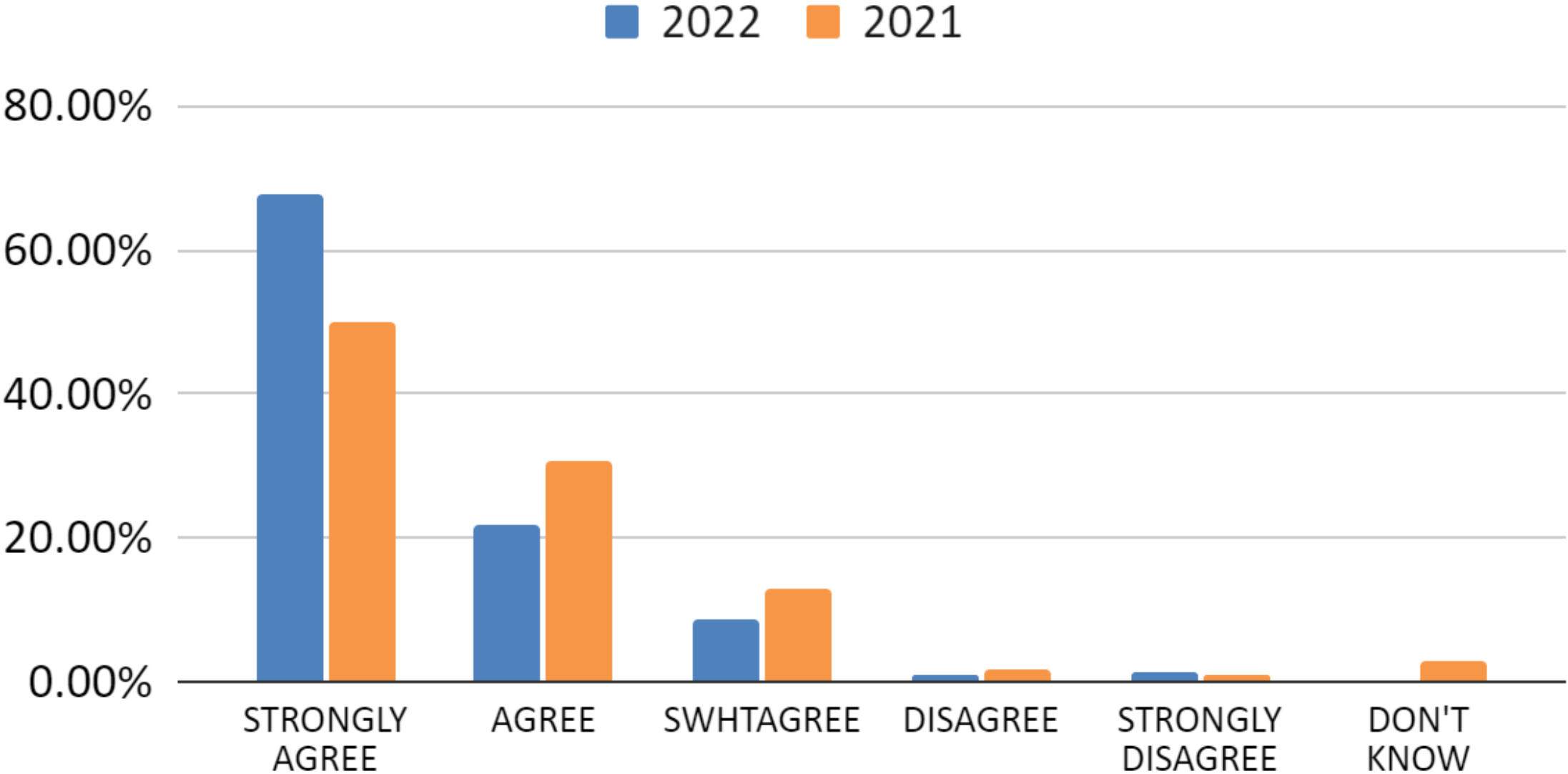
# Public Information & Education



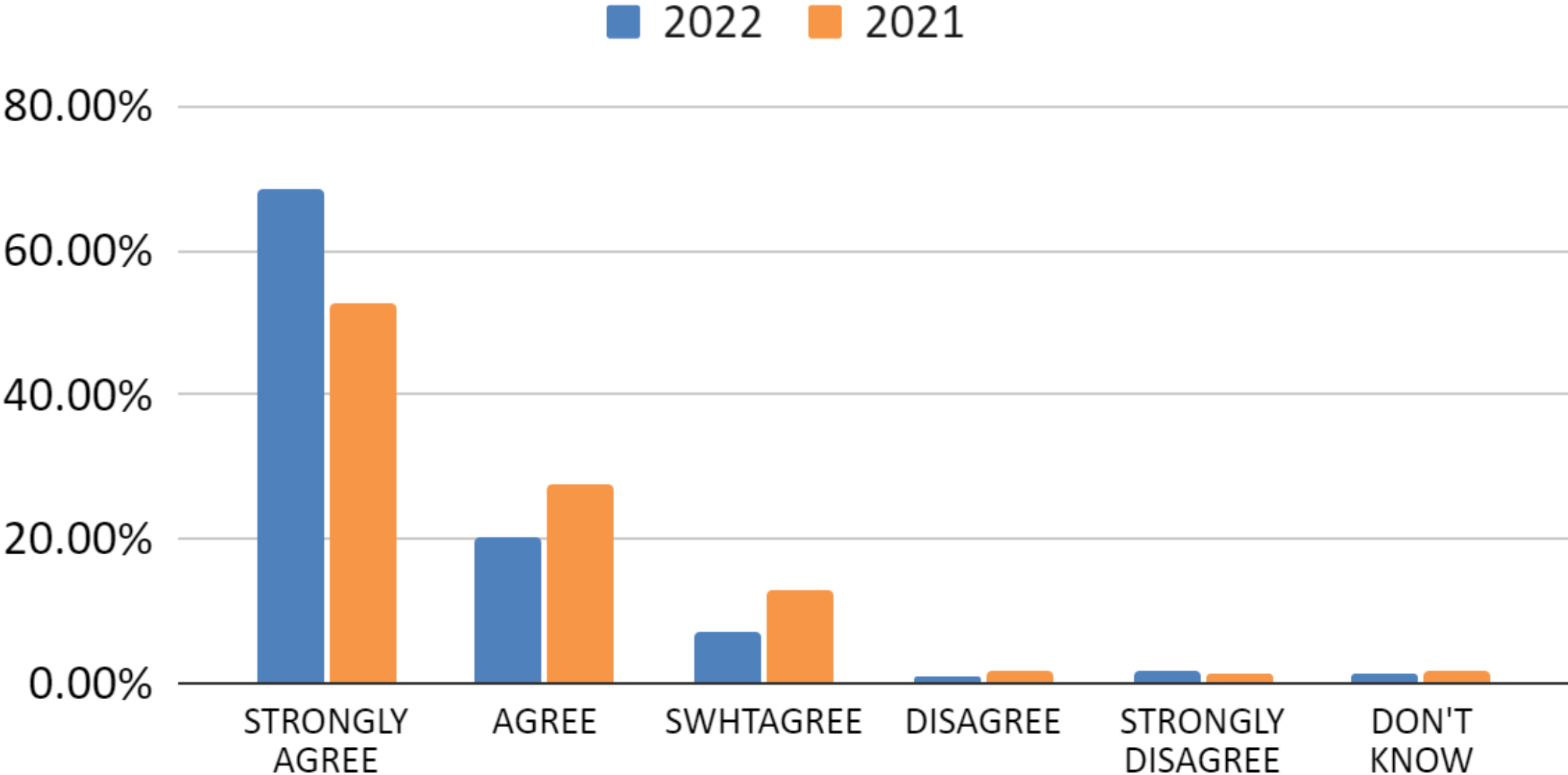
“Rank the following topics in range of importance”

[2021 & 2022 Combined Survey Results]

# Investment is needed now to ensure we have a reliable, safe water supply for the future



# Iron County must take strong action now to address drought and future water needs



# Public Information & Education



Public Relations Society  
of America – Las Vegas

Pinnacle Award for  
Reputation and Brand  
Management

Iron Spyke Method, Cottonwood Media  
Group, Central Iron County Water  
Conservancy District

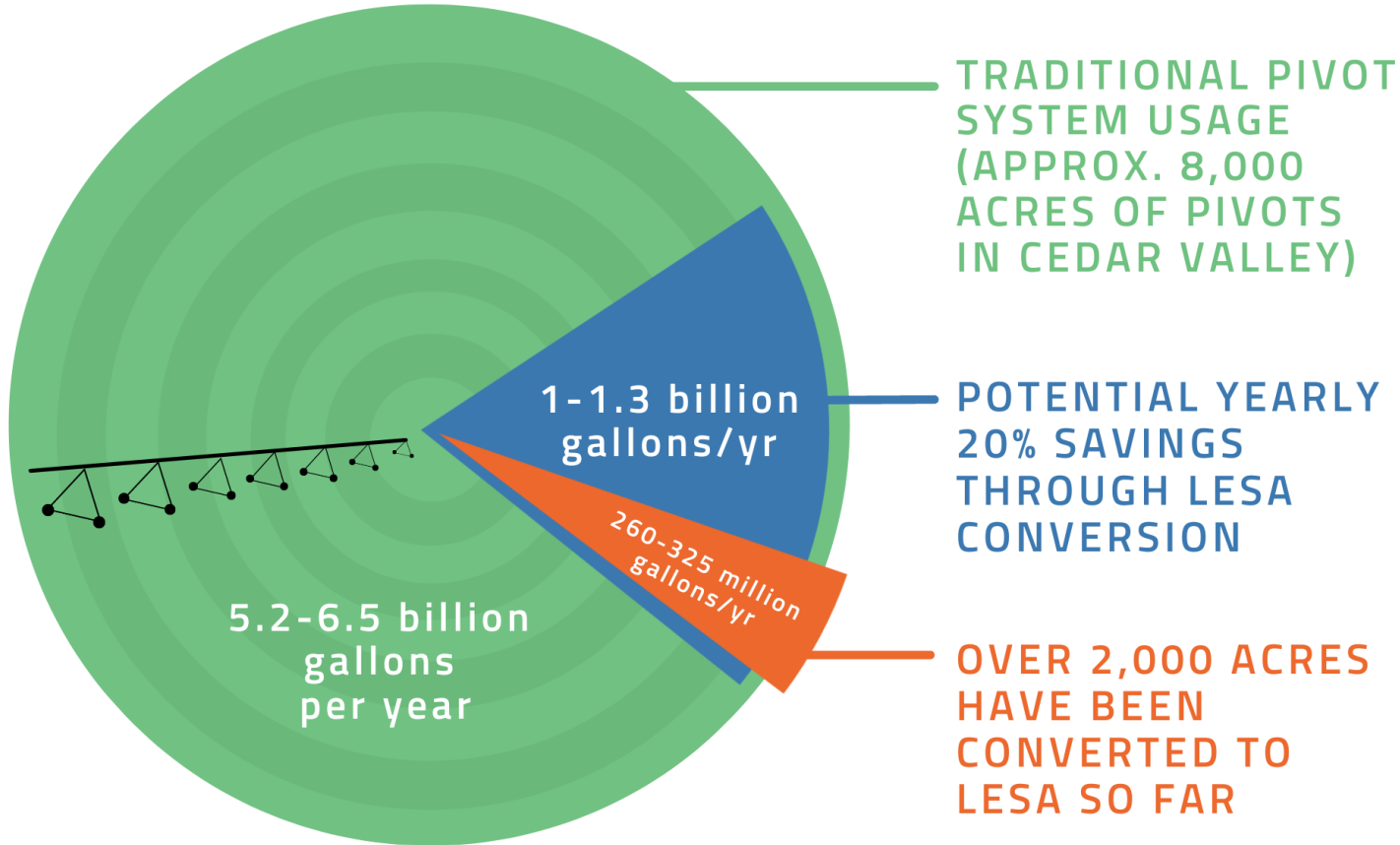
# Residential Conservation

<b>Water Usage Totals - Summer (May through October)</b>			
	<b>Total Usage</b>	<b># of Connections</b>	<b>Gallons per Connection</b>
2020	<b>198,558,840</b>	1234	160,907
2021	<b>172,669,962</b>	1331	129,729
2022	<b>174,548,144</b>	1475	118,338

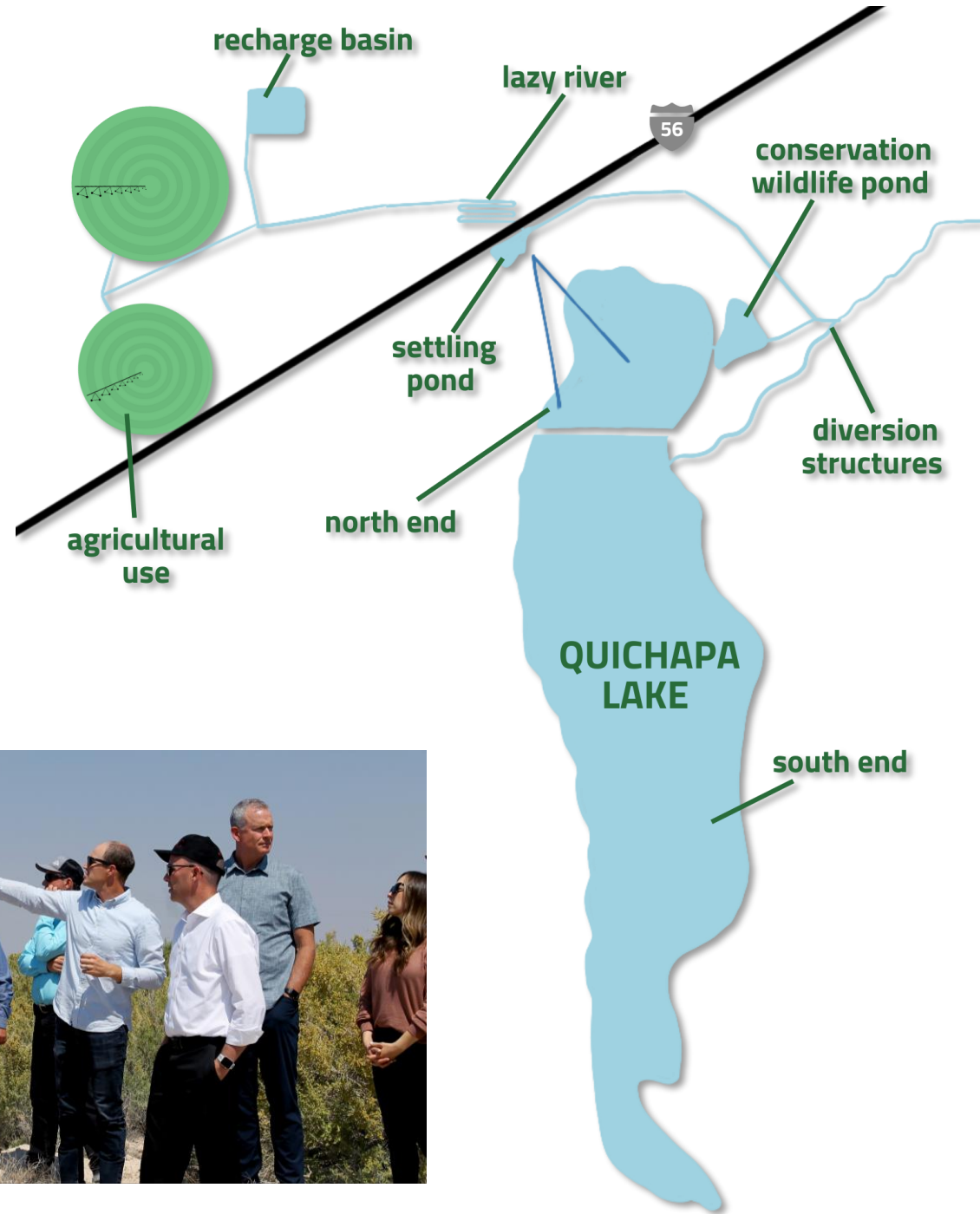
**24 Million Gallons Saved in 2022 vs. 2020**



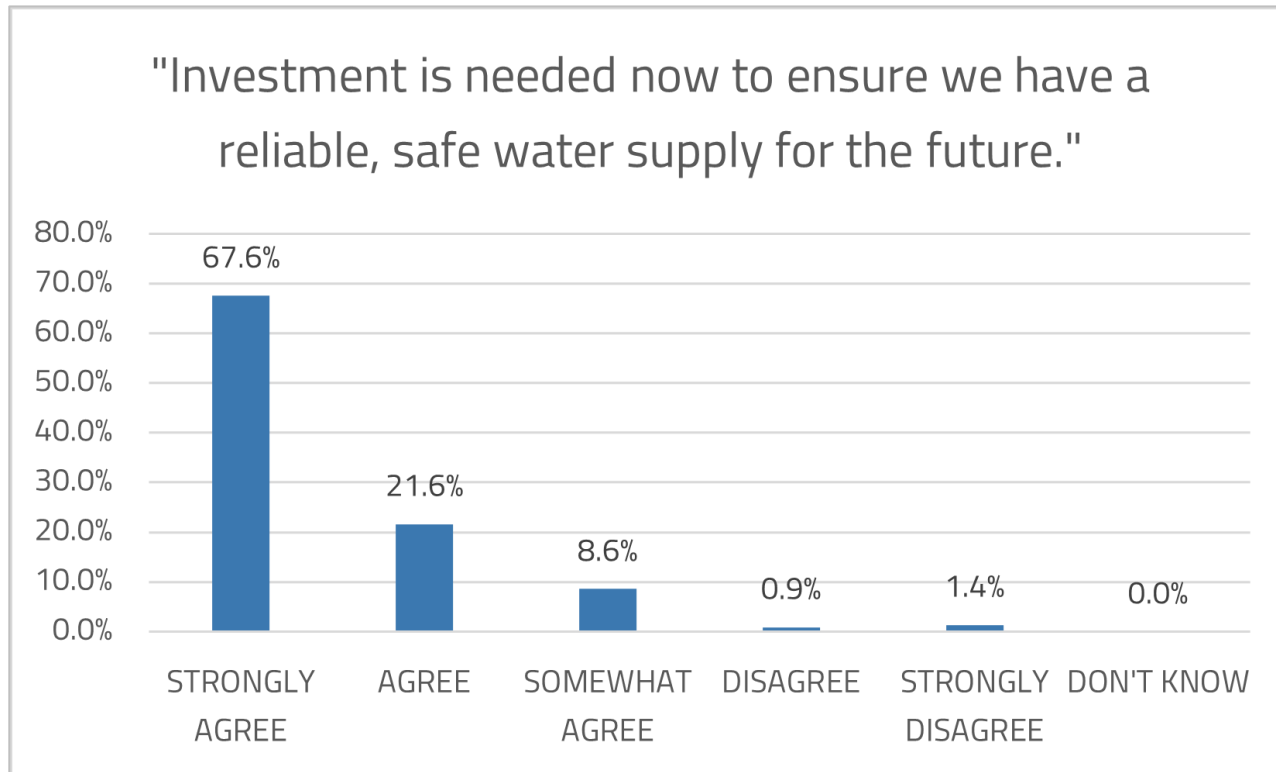
# Agriculture and Irrigation



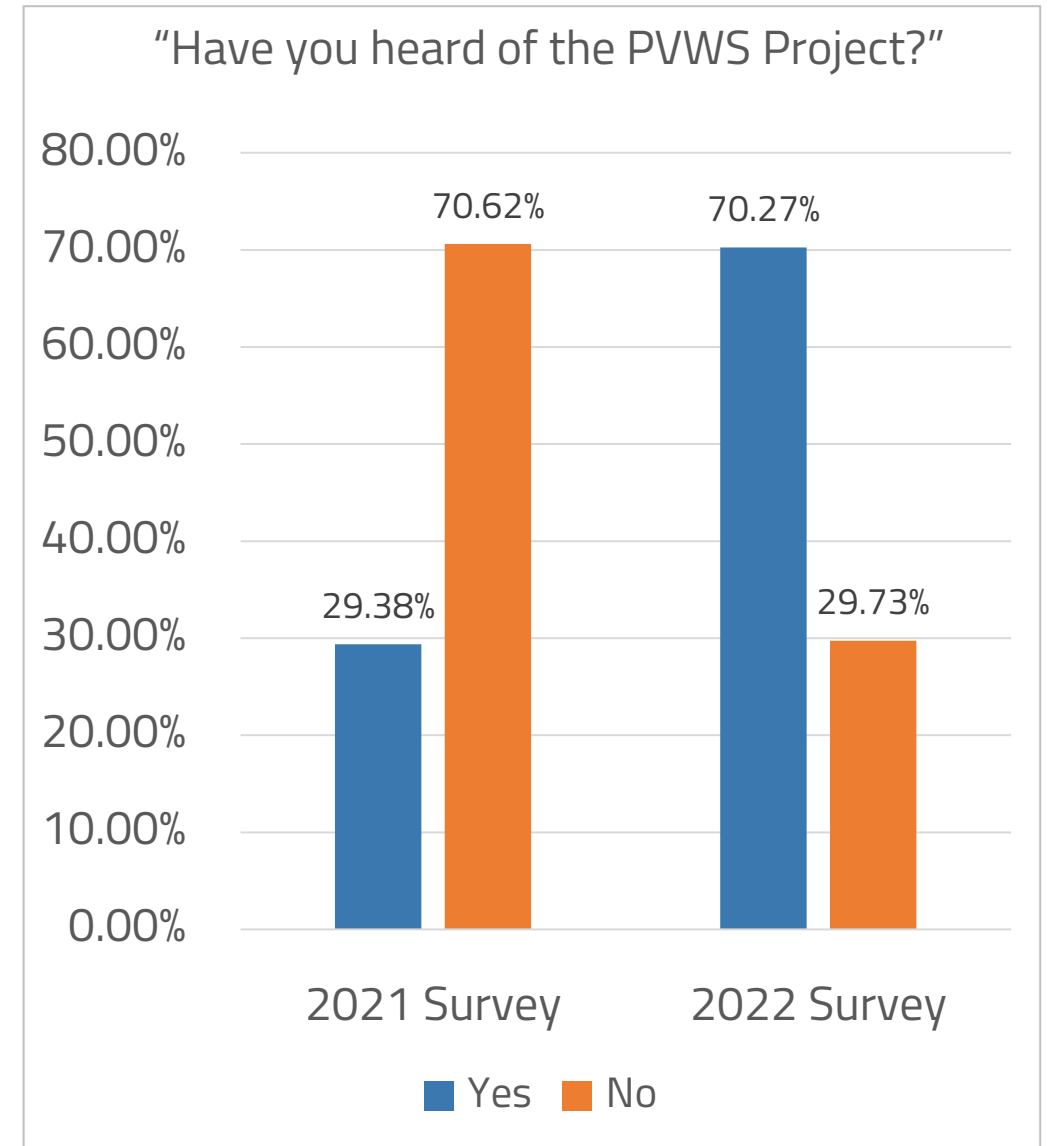
# Recharge, Reservoirs, [ & Reuse ]



# Extending our Reach



(2022 Community Survey Results)



# Cedar Valley Water Rights

## GROUNDWATER MANAGEMENT PLAN (GMP)

The State's 2021 GMP for Cedar Valley will cut water rights to safe yield of 21,000 AF.



## COST OF WATER RIGHTS

The cost of water rights has increased almost 350% in Cedar Valley since 2019.



# Environmental Aspects & New Science



# Committee Feedback?

