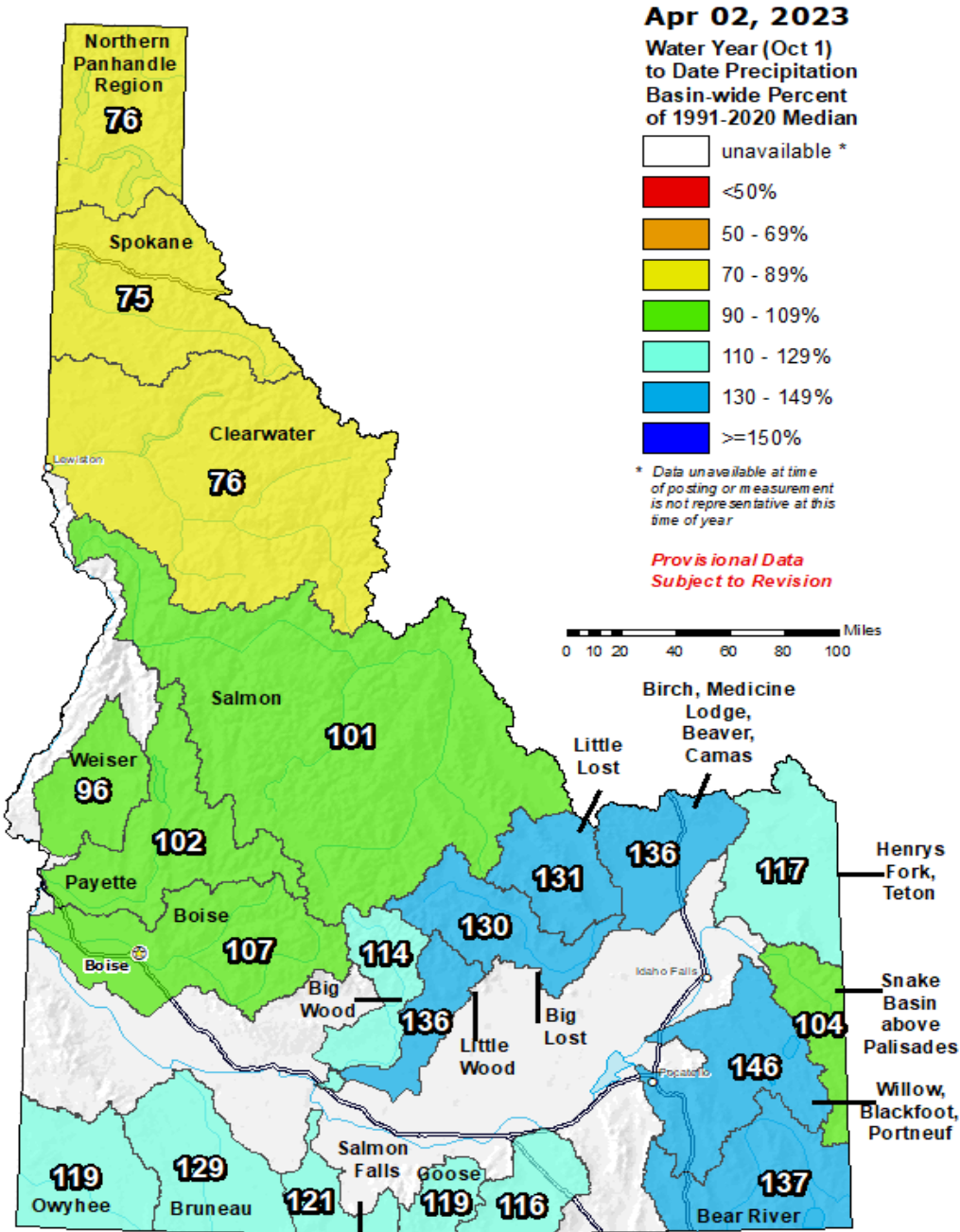
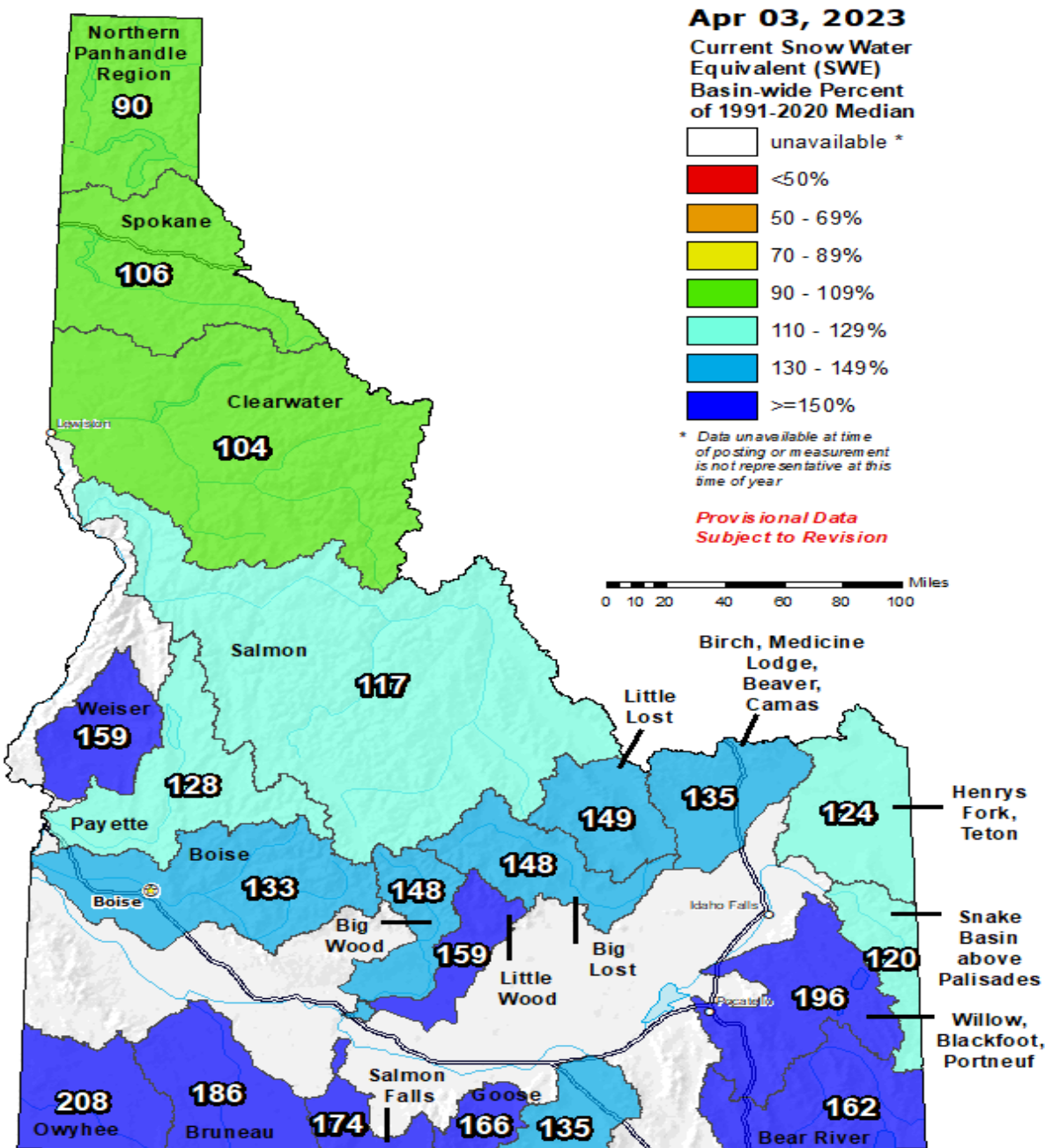


Idaho SNOTEL Water Year (Oct 1) to Date Precipitation % of Normal



Idaho SNOTEL Current Snow Water Equivalent (SWE) % of Normal



# SNOW WATER EQUIVALENT IN OWYHEE

Reset Range

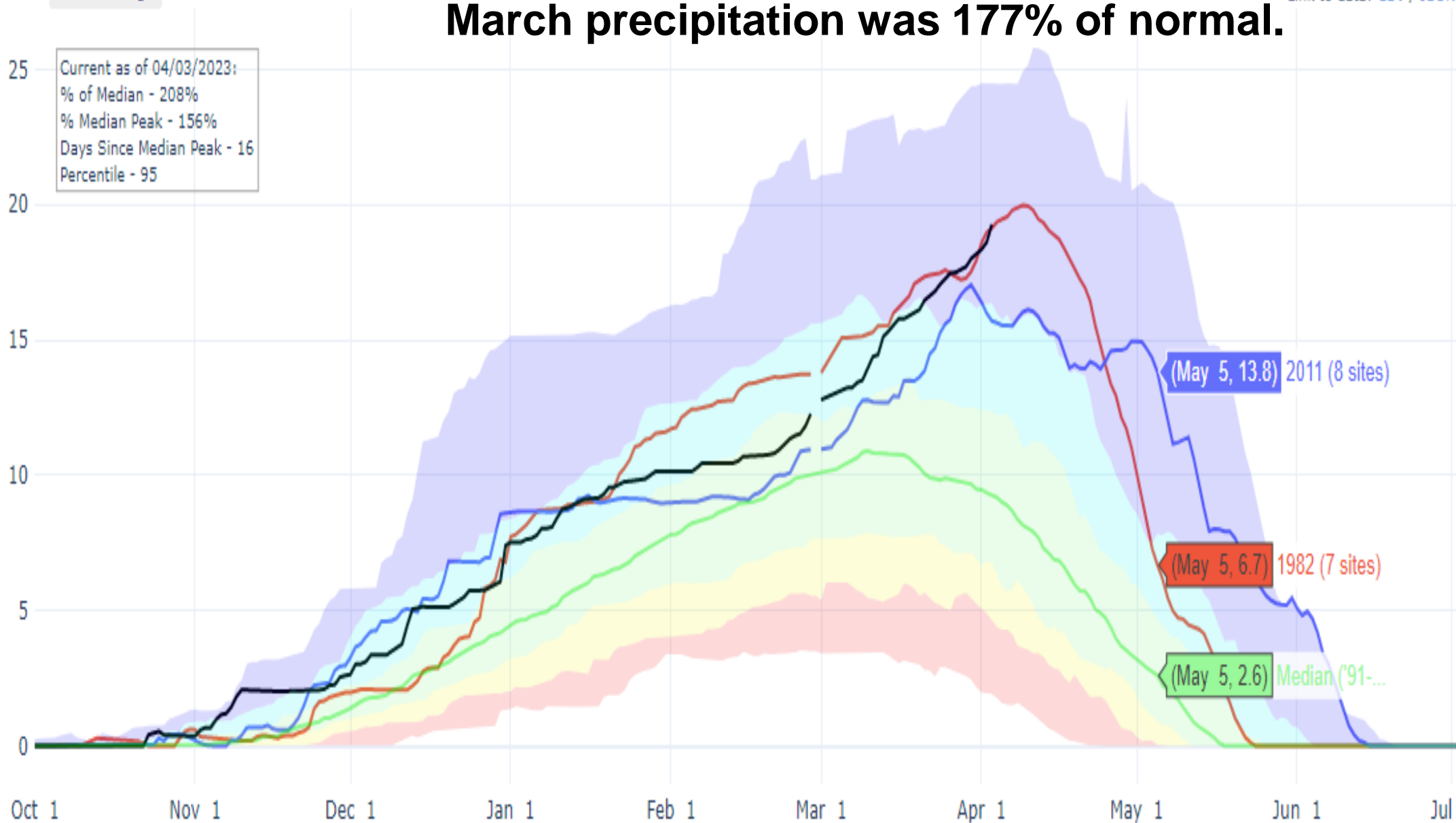
Owyhee Basin snow is twice **normal**, better than **2011** and still tracking **1982** because March precipitation was 177% of normal.

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

[Station List](#)

Current as of 04/03/2023:  
% of Median - 208%  
% Median Peak - 156%  
Days Since Median Peak - 16  
Percentile - 95

Snow Water Equivalent (in.)



- Median ('91-'20)
- Min
- Stats. Shading
- 2023 (8 sites)
- 2022 (8 sites)
- 2021 (8 sites)
- 2020 (8 sites)
- 2019 (8 sites)
- 2018 (8 sites)
- 2017 (8 sites)
- 2016 (8 sites)
- 2015 (8 sites)
- 2014 (8 sites)
- 2013 (8 sites)
- 2012 (8 sites)
- 2011 (8 sites)
- 2010 (8 sites)
- 2009 (7 sites)
- 2008 (7 sites)

# SNOW WATER EQUIVALENT AT MUD FLAT

Reset Range

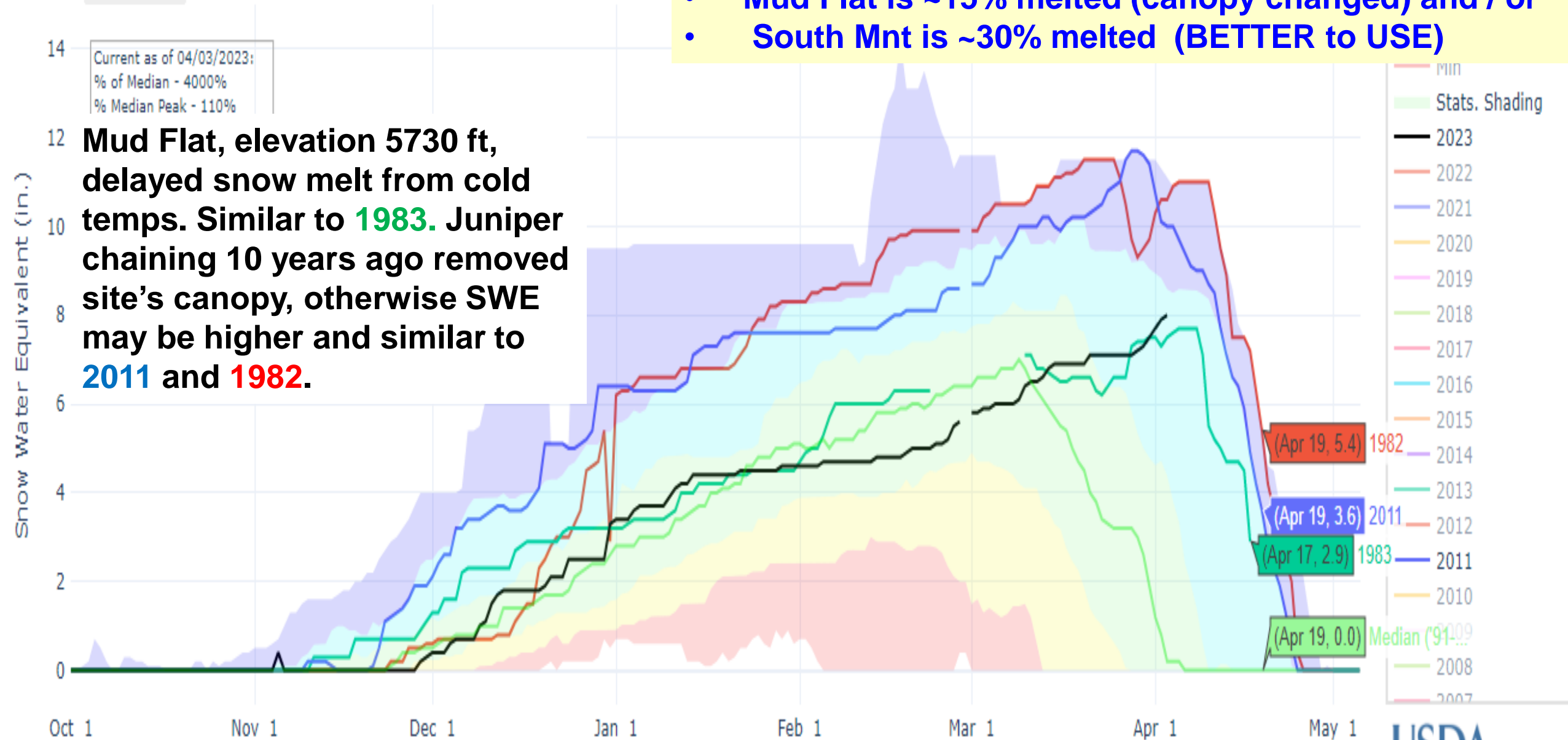
Current as of 04/03/2023:  
% of Median - 4000%  
% Median Peak - 110%

## From Kara Ferguson BSU

Owyhee River snowmelt peak occurs when:

- Mud Flat is ~15% melted (canopy changed) and / or
- South Mnt is ~30% melted (BETTER to USE)

**Mud Flat, elevation 5730 ft, delayed snow melt from cold temps. Similar to 1983. Juniper chaining 10 years ago removed site's canopy, otherwise SWE may be higher and similar to 2011 and 1982.**



## SNOW WATER EQUIVALENT AT SOUTH MTN.

Reset Range

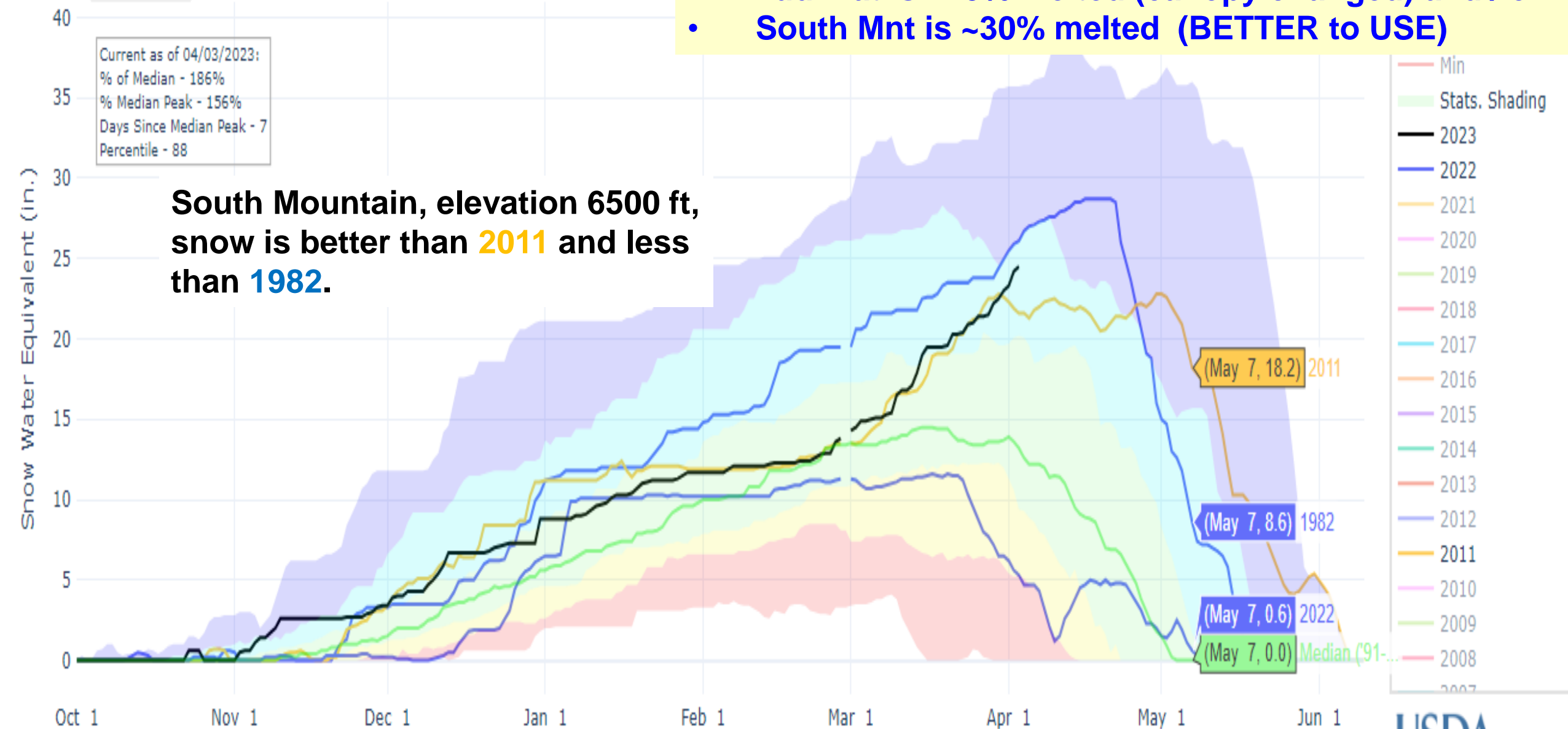
Current as of 04/03/2023:  
% of Median - 186%  
% Median Peak - 156%  
Days Since Median Peak - 7  
Percentile - 88

**South Mountain, elevation 6500 ft,  
snow is better than **2011** and less  
than **1982**.**

## From Kara Ferguson BSU

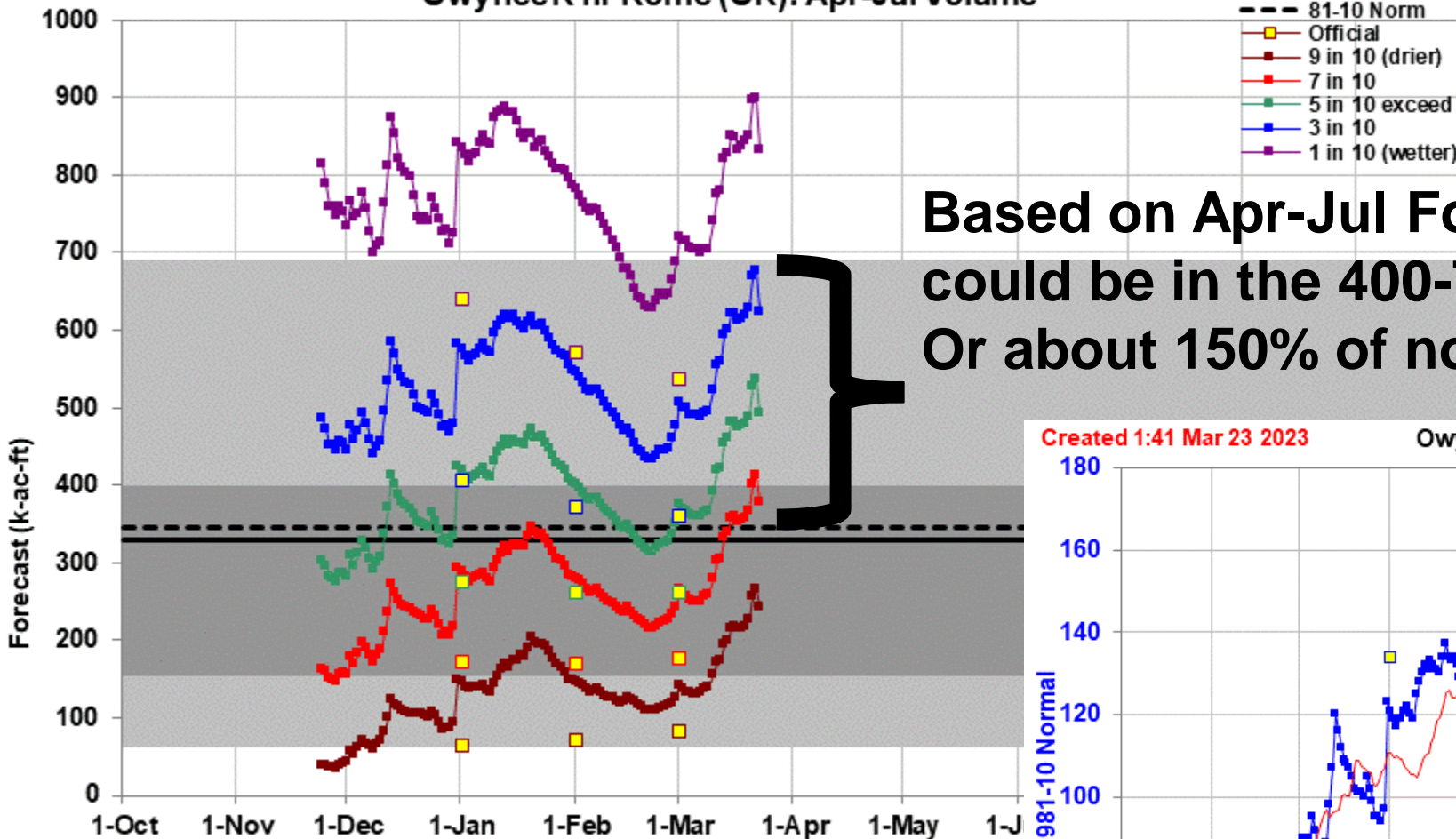
**Owyhee River snowmelt peak occurs when:**

- **Mud Flat is ~15% melted (canopy changed) and / or**
- **South Mnt is ~30% melted (BETTER to USE)**





Owyhee R nr Rome (OR): Apr-Jul Volume



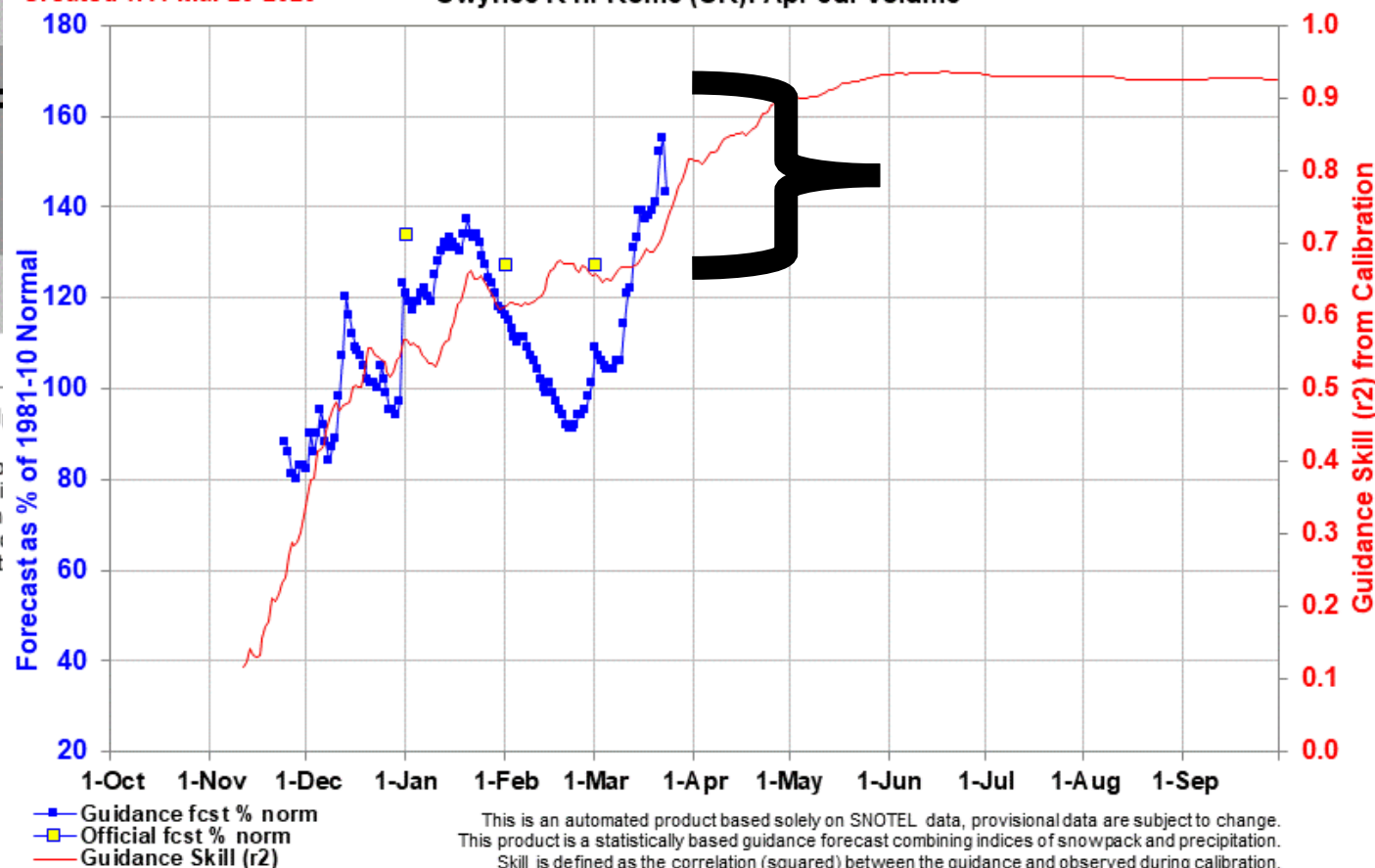
Based on Apr-Jul Forecasts, runoff volumes could be in the 400-700 KAF range. Or about 150% of normal.

Created 1:41 Mar 23 2023

This is an automated product based solely on SNOTEL data, p  
 This product is a statistically based guidance forecast combining i  
 Yellow squares are the official outlooks. Gray background is th  
 This product does not consider climate information such as El Niño  
 a variety of other factors considered in the official forecast

Created 1:41 Mar 23 2023

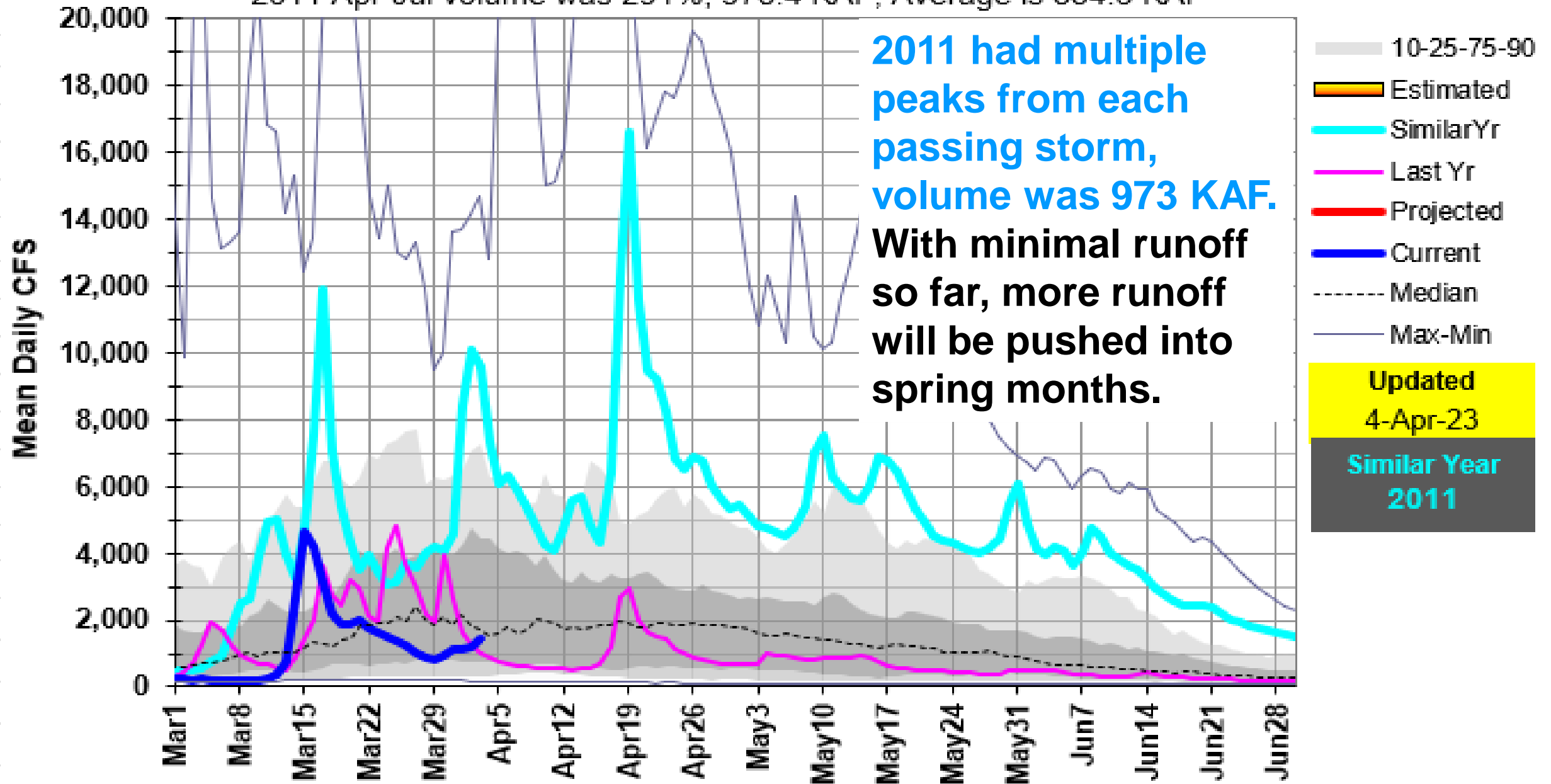
Owyhee R nr Rome (OR): Apr-Jul Volume



This is an automated product based solely on SNOTEL data, provisional data are subject to change.  
 This product is a statistically based guidance forecast combining indices of snowpack and precipitation.  
 Skill is defined as the correlation (squared) between the guidance and observed during calibration.  
 This product does not consider climate information such as El Niño or short range weather forecasts, or

# 13181000: Owyhee R near Rome, OR

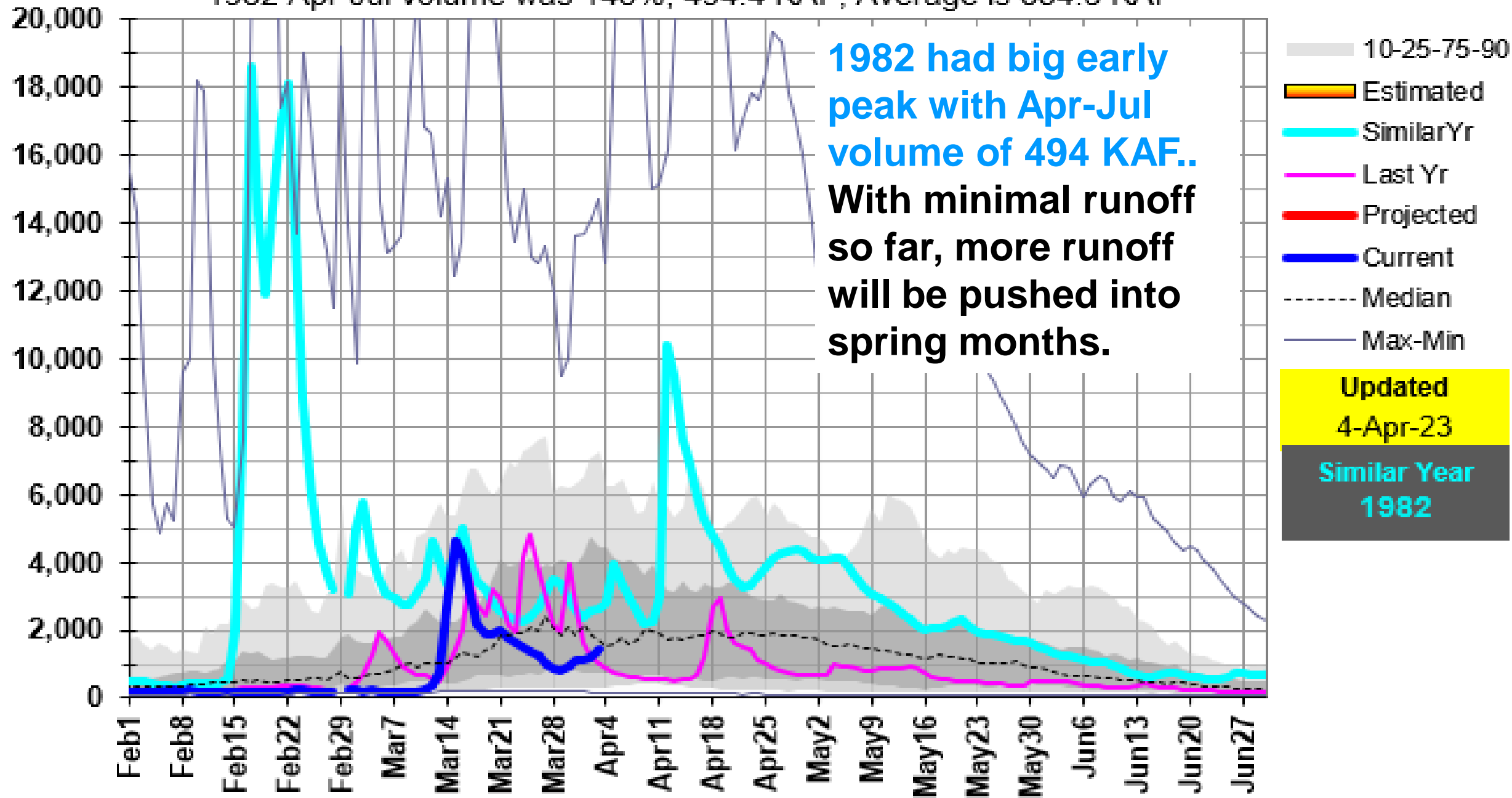
2011 Apr-Jul volume was 291%, 973.4 KAF, Average is 334.5 KAF



# 13181000: Owyhee R near Rome, OR

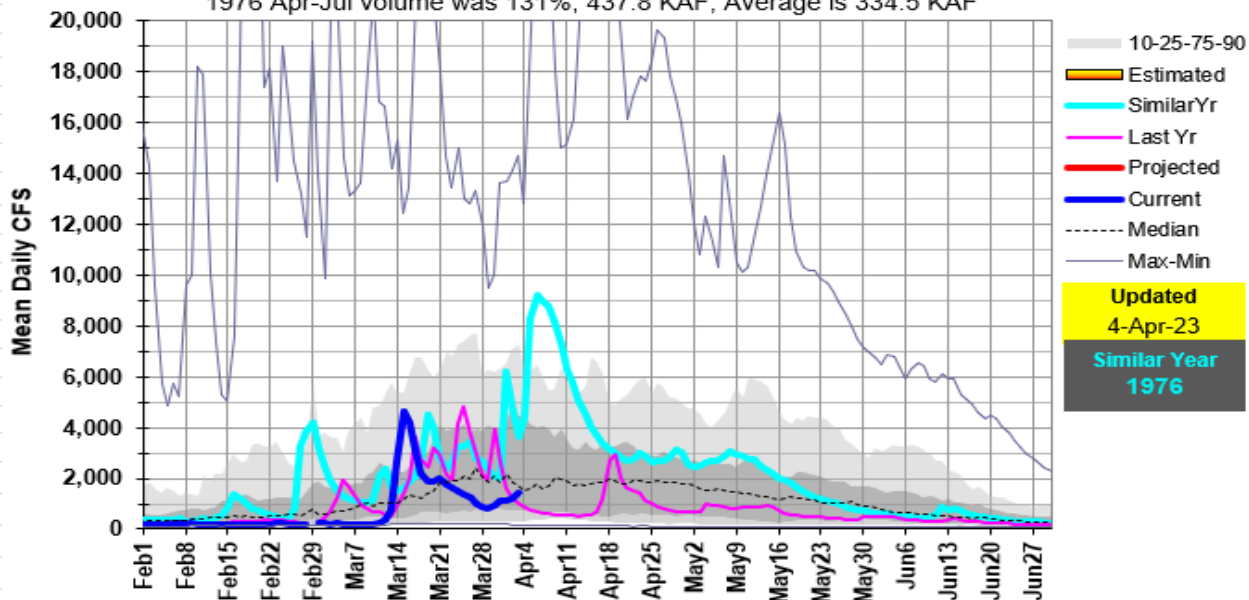
1982 Apr-Jul volume was 148%, 494.4 KAF, Average is 334.5 KAF

Mean Daily CFS



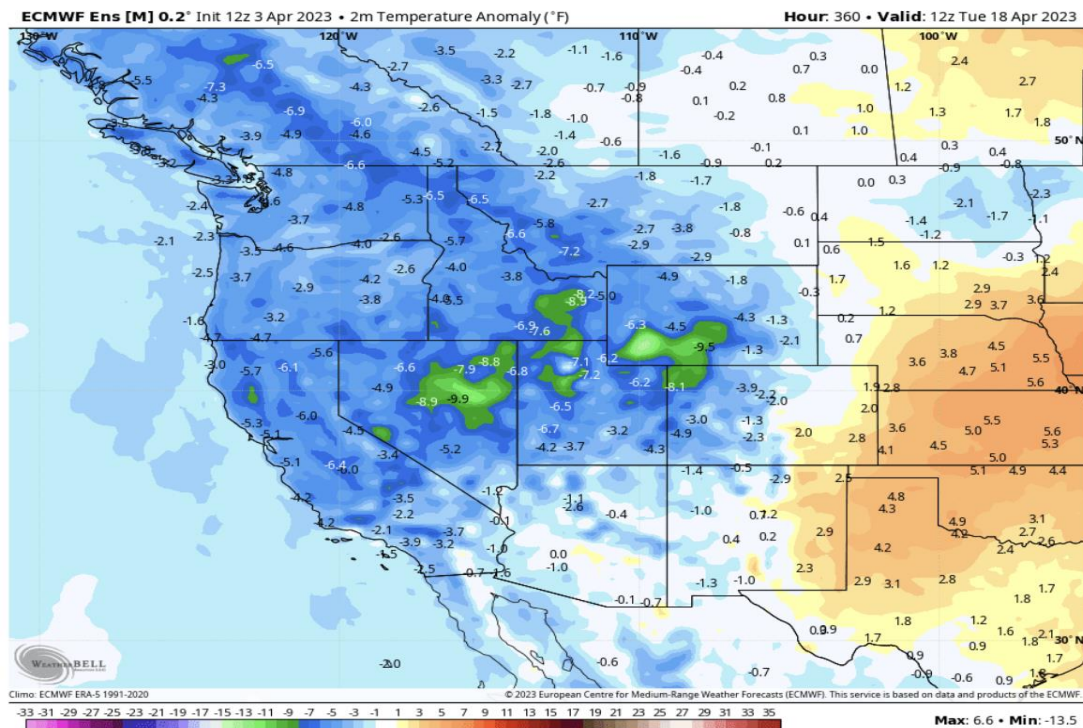
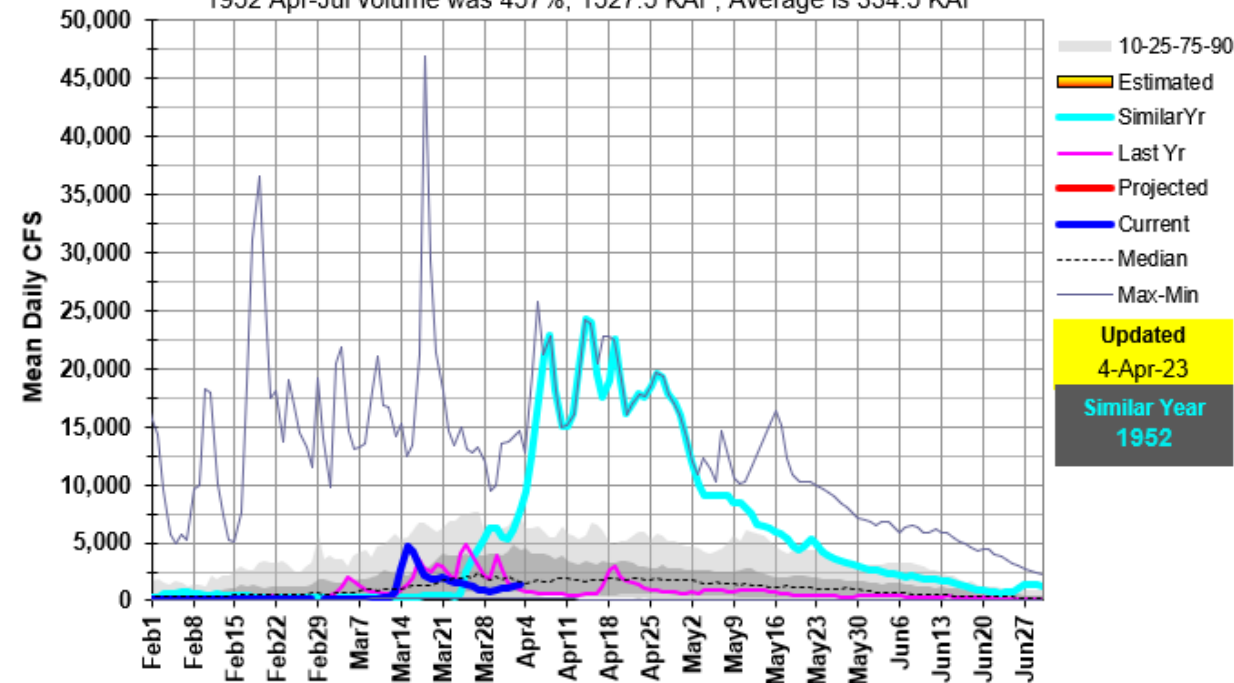
# 13181000: Owyhee R near Rome, OR

1976 Apr-Jul volume was 131%, 437.8 KAF, Average is 334.5 KAF



# 13181000: Owyhee R near Rome, OR

1952 Apr-Jul volume was 457%, 1527.5 KAF, Average is 334.5 KAF



We know we have a good Owyhee snowpack. We'll see a flow increase this week.

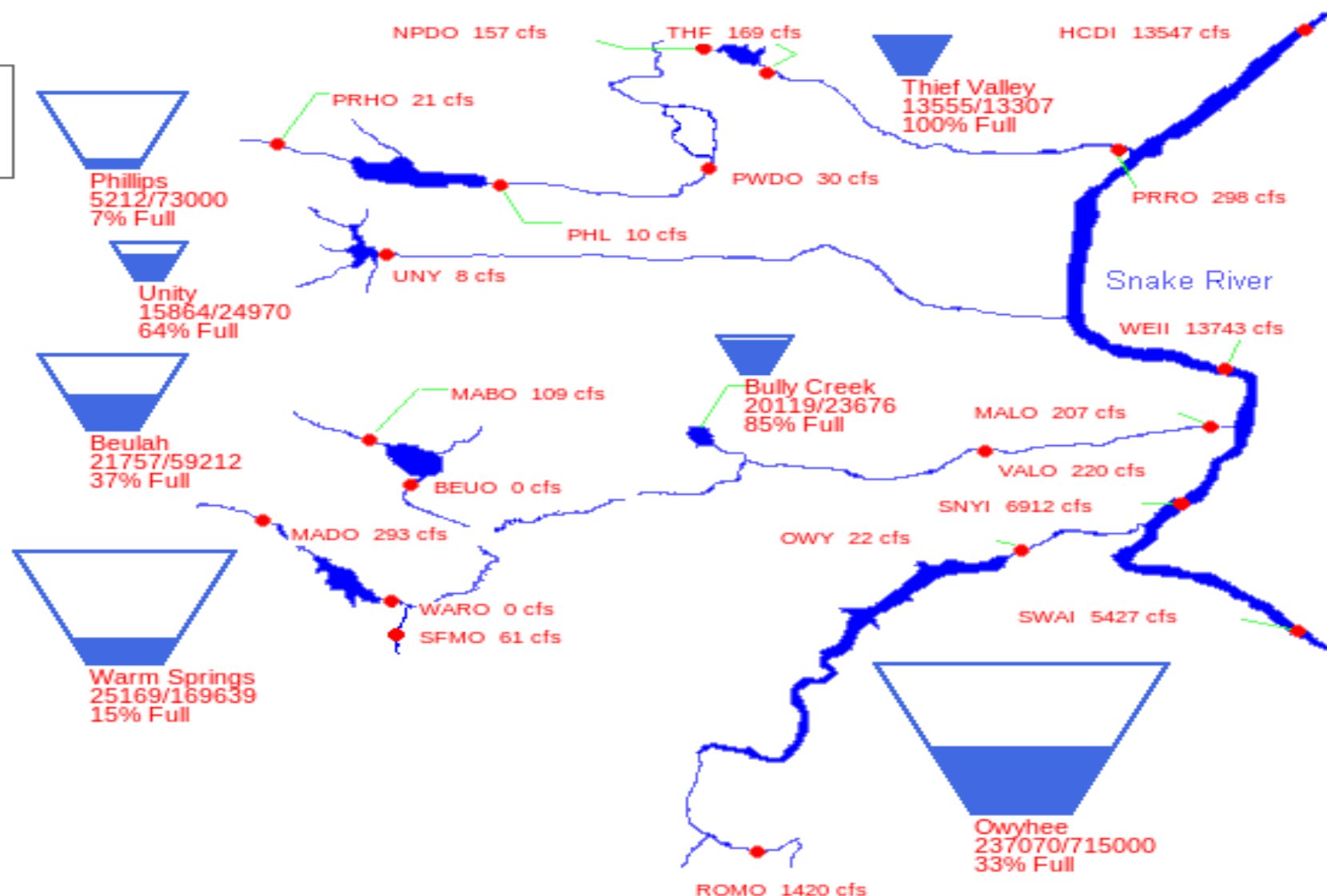
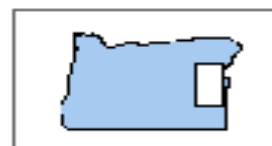
Overall, temps remain below normal thru April 18.

Future streamflow peaks will be determined by spring temperatures and/or spring rain.



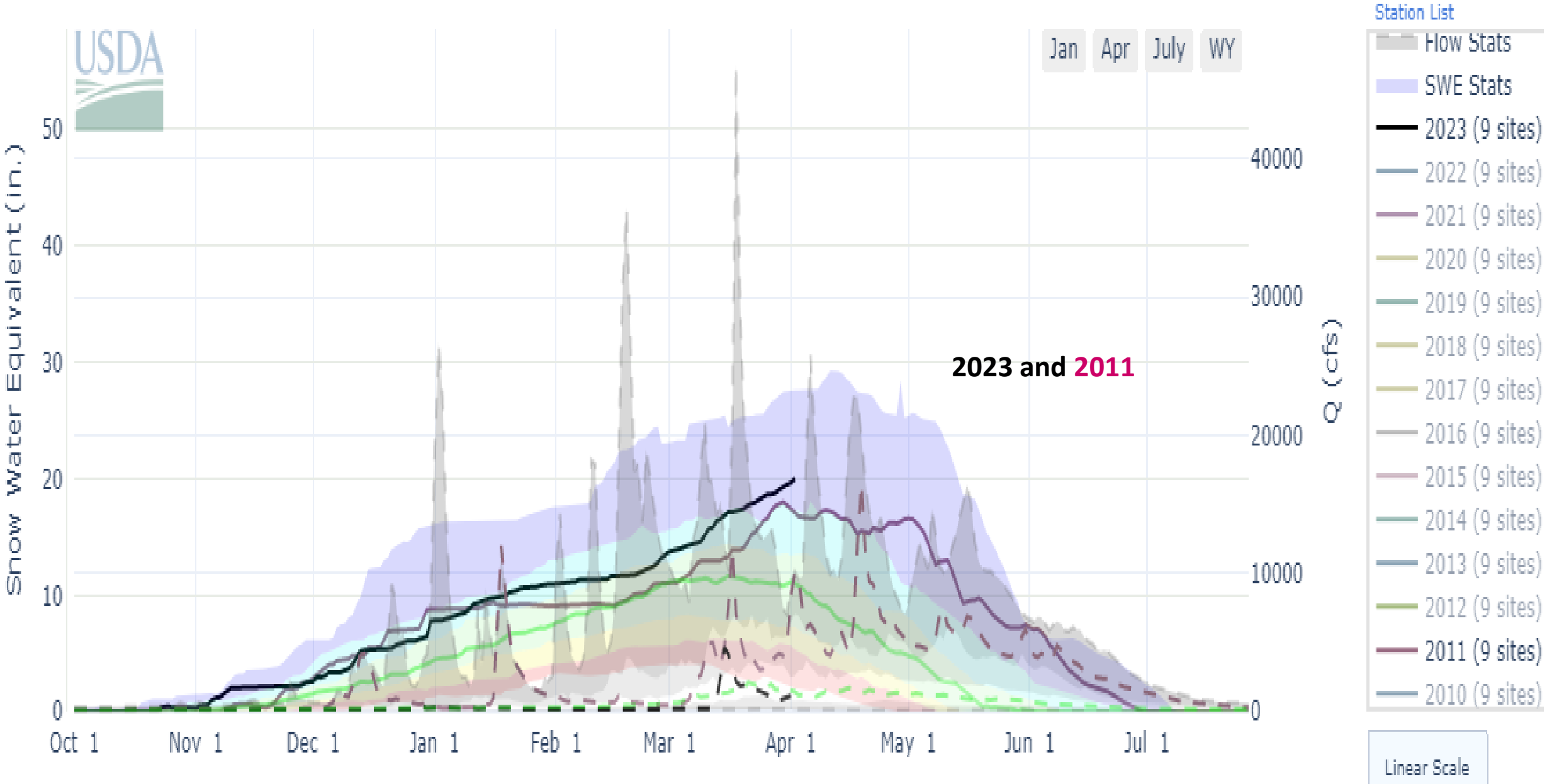
# Major Storage Reservoirs in Southeastern Oregon

04/03/2023



Graphic does not depict 400,000 acre-feet of water that is maintained in Owyhee

# Snow to Flow Relationship for Owyhee R nr Rome



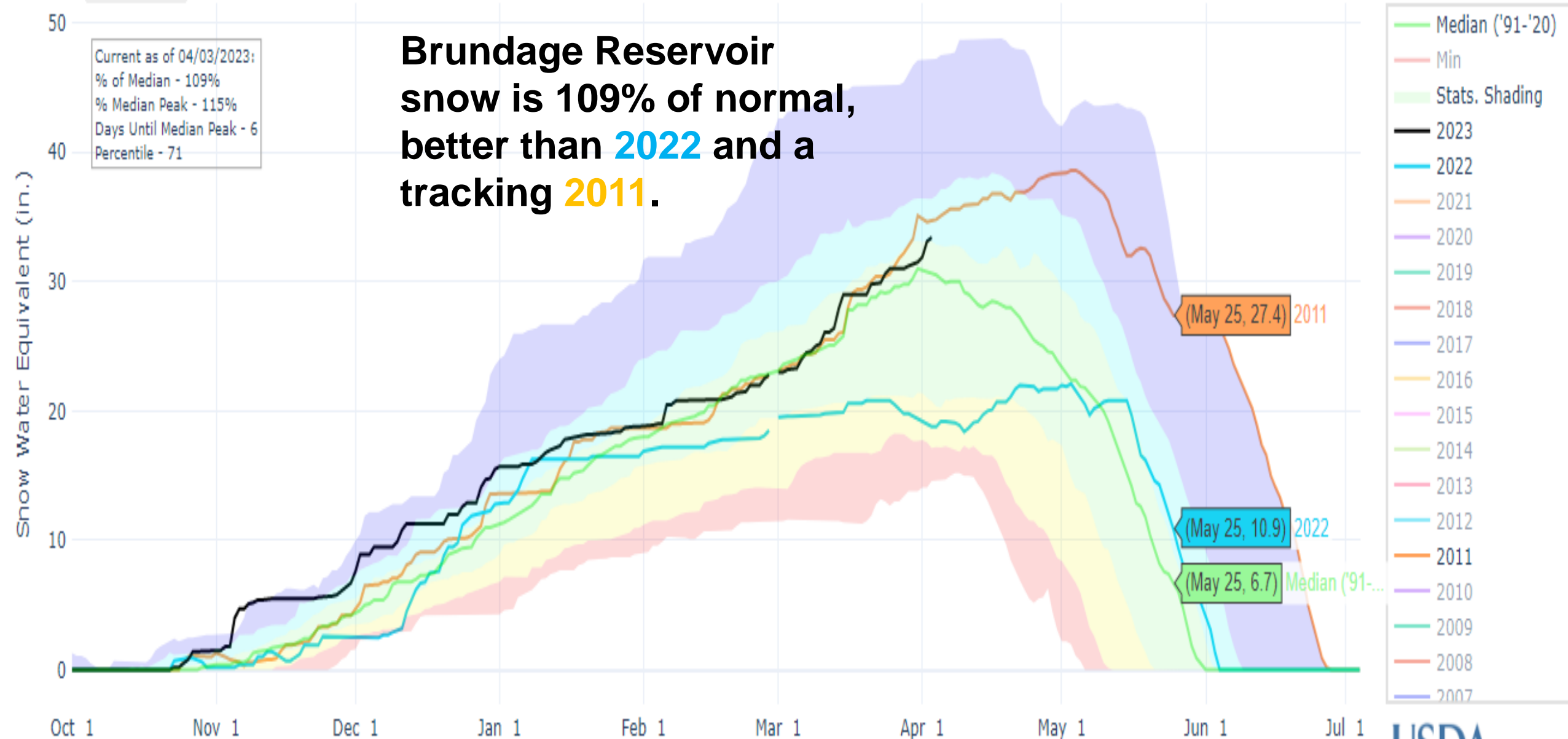
# SNOW WATER EQUIVALENT AT BRUNDAGE RESERVOIR

Reset Range

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

Current as of 04/03/2023:  
% of Median - 109%  
% Median Peak - 115%  
Days Until Median Peak - 6  
Percentile - 71

**Brundage Reservoir  
snow is 109% of normal,  
better than 2022 and a  
tracking 2011.**



### Reset Range

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

## Station List

Median ('91-'20)  
 Min  
 Stats. Shading  
 2023 (12 sites)  
 2022 (12 sites)  
 2021 (12 sites)  
 2020 (12 sites)  
 2019 (12 sites)  
 2018 (12 sites)  
 2017 (12 sites)  
 2016 (12 sites)  
 2015 (12 sites)  
 2014 (12 sites)  
 2013 (12 sites)  
 2012 (12 sites)  
 2011 (12 sites)  
 2010 (12 sites)  
 2009 (12 sites)  
 2008 (12 sites)  
 2007 (12 sites)

(May 23, 28.5) 1982 (8 sites)

(May 23, 20.7) 2011 (12 sit...)

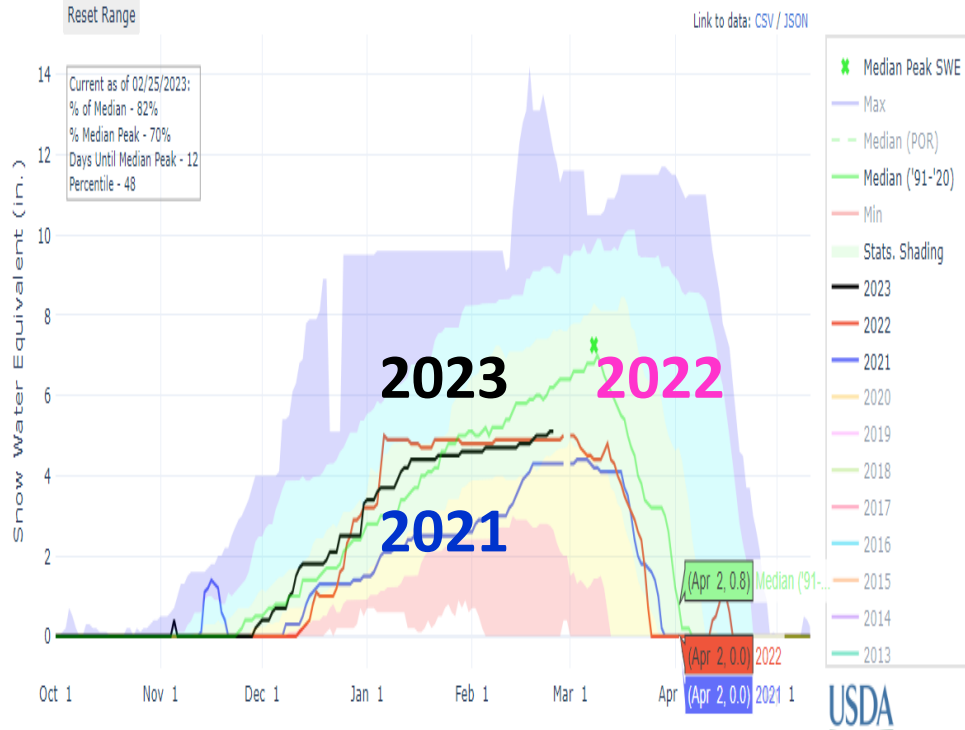
(May 23, 11.7) 2022 (12 sit...

(May 23, 6.8) Median ('91-...

USDA



## SNOW WATER EQUIVALENT AT MUD FLAT

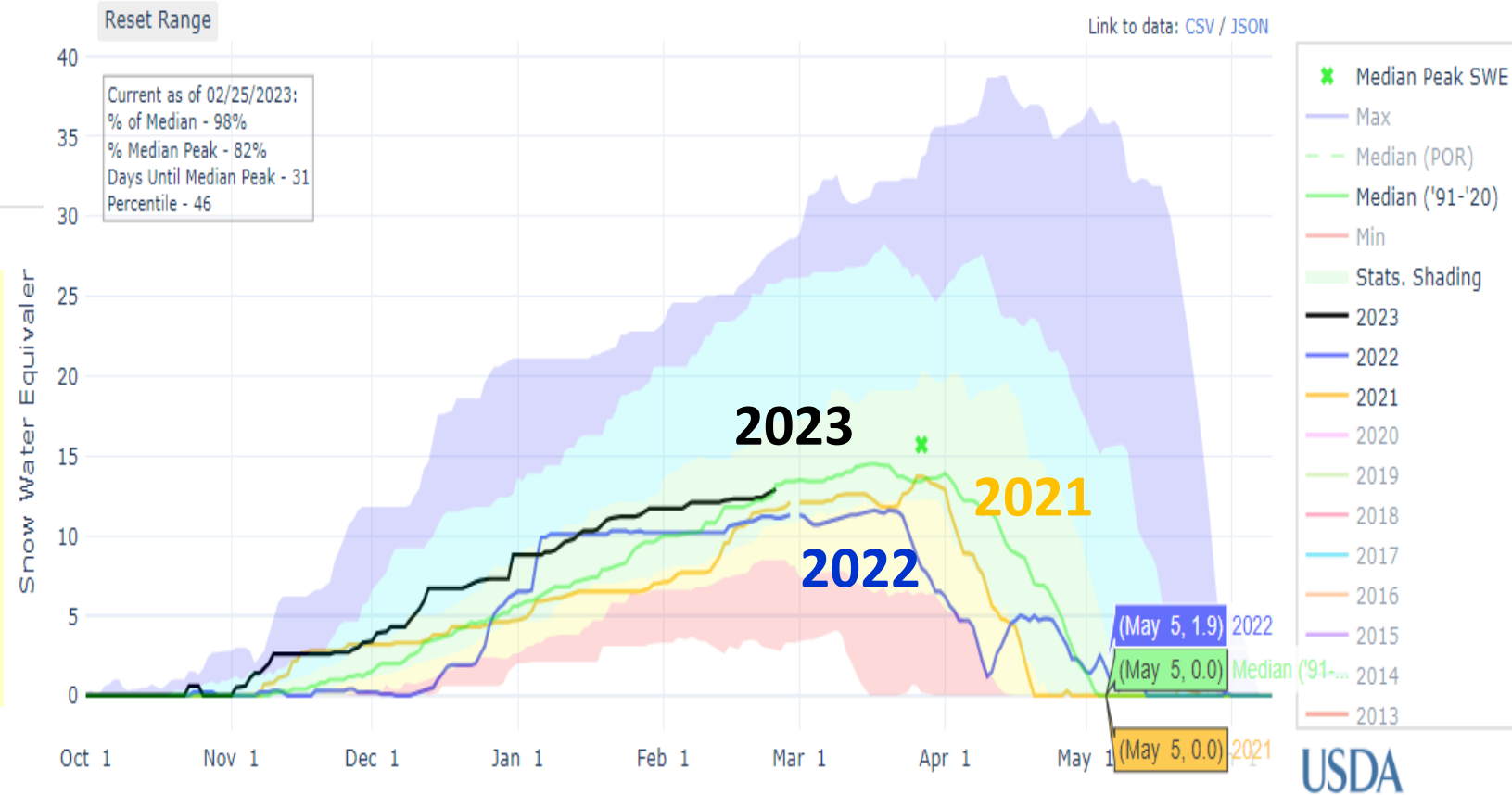


## From Kara Ferguson BSU Thesis

Owyhee River snowmelt peak occurs when:

- Mud Flat is ~15% melted (canopy changed) and / or
- South Mnt is ~30% melted (BETTER to USE)

## SNOW WATER EQUIVALENT AT SOUTH MTN.



**Basin is ready to flow:**  
Cold temps has kept all snow in place. When warm temps arrive, it could melt fast producing rapid flow increases like last year. Adding rain, will extend high water season.