



Water Conditions Monitoring Committee Meeting August 27th, 2024

NRCS Snow Survey and Water Supply Forecasting
Program

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<http://www.nrcs.usda.gov/wps/portal/nrcs/main/co/snow/>

Snow: It's happening! Stay calm..stay calm!

Lizard Head Pass (586)
Colorado SNOTEL Site - 10193 ft
Reporting Frequency: Hourly; Date Range: 2024-08-20 08:00 to 2024-08-27 07:00

(As of: Tue Aug 27 07:55:39 GMT-08:00 2024)
 Provisional data, subject to revision

Date ^	Snow Water Equivalent (in) ↕	Snow Depth (in) ↕	Precipitation Accumulation (in) ↕	Air Temperature Observed (degF) ↕
2024-08-27 07:00	0.0		25.2	46.2
2024-08-27 06:00	0.0		25.2	36.7
2024-08-27 05:00	0.0		25.2	33.8
2024-08-27 04:00	0.0		25.2	33.3
2024-08-27 03:00	0.0	0	25.2	33.4
2024-08-27 02:00	0.0		25.2	34.7
2024-08-27 01:00	0.0	0	25.2	34.9
2024-08-27 00:00	0.0		25.2	35.6
2024-08-26 23:00	0.0		25.2	36.1
2024-08-26 22:00	0.0	0	25.2	37.6
2024-08-26 21:00		0	25.2	38.7
2024-08-26 20:00		0	25.2	40.1
2024-08-26 19:00		1	25.2	43.2
2024-08-26 18:00		1	25.2	47.3
2024-08-26 17:00		0	25.2	56.8
2024-08-26 16:00		0	25.2	55.4
2024-08-26 15:00		0	25.2	56.7
2024-08-26 14:00		0	25.2	57.9
2024-08-26 13:00		1	25.2	60.3





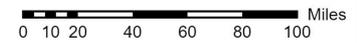
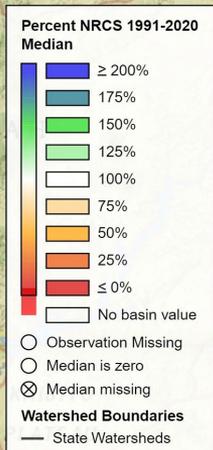
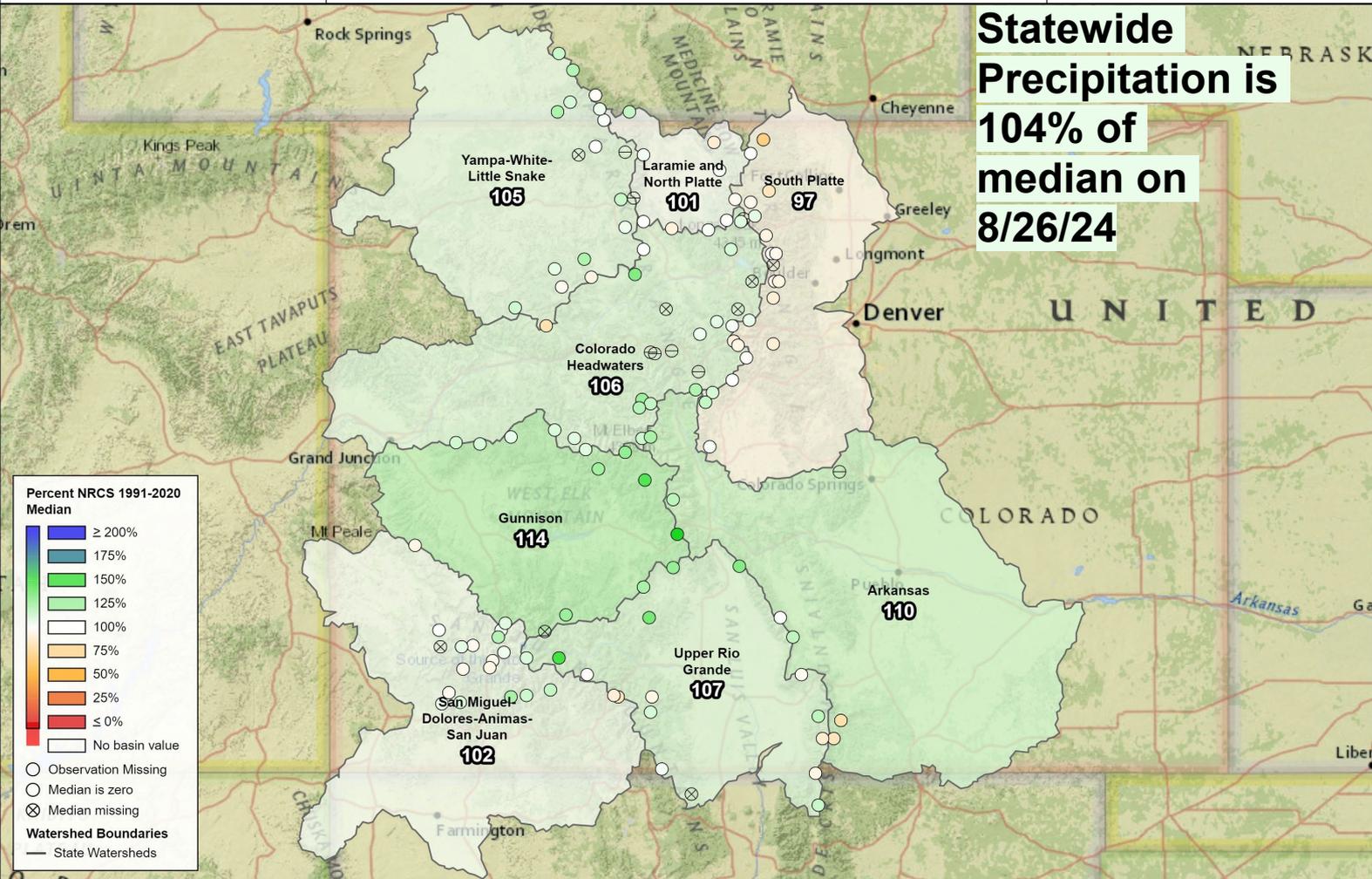
Water Year to Date Precipitation

CO YTD Precipitation

Percent NRCS 1991-2020 Median

October 1, 2023 -
August 25, 2024

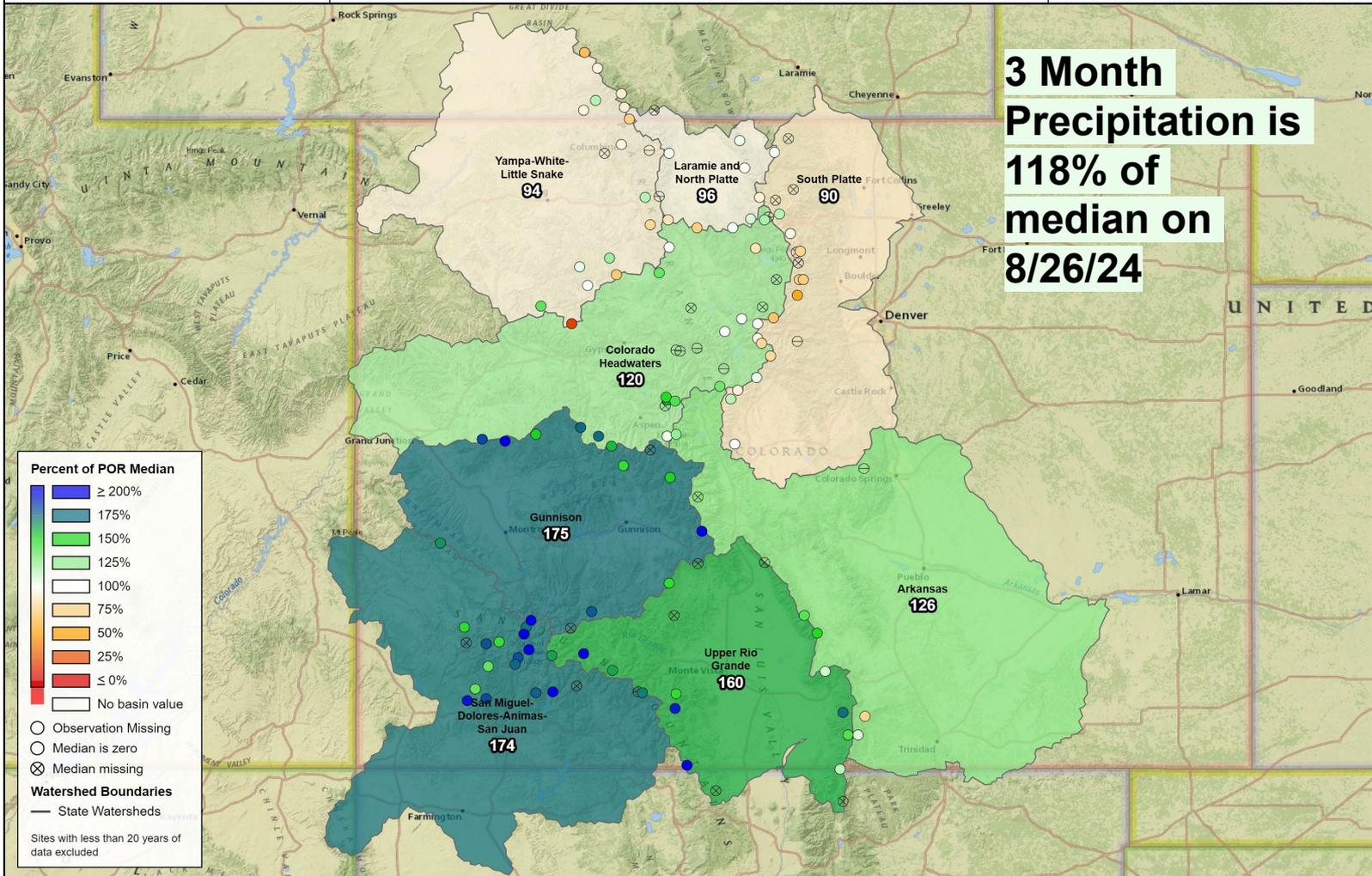
**Statewide
Precipitation is
104% of
median on
8/26/24**



90 day Precipitation

CO 3 Month Precipitation
Percent of POR Median

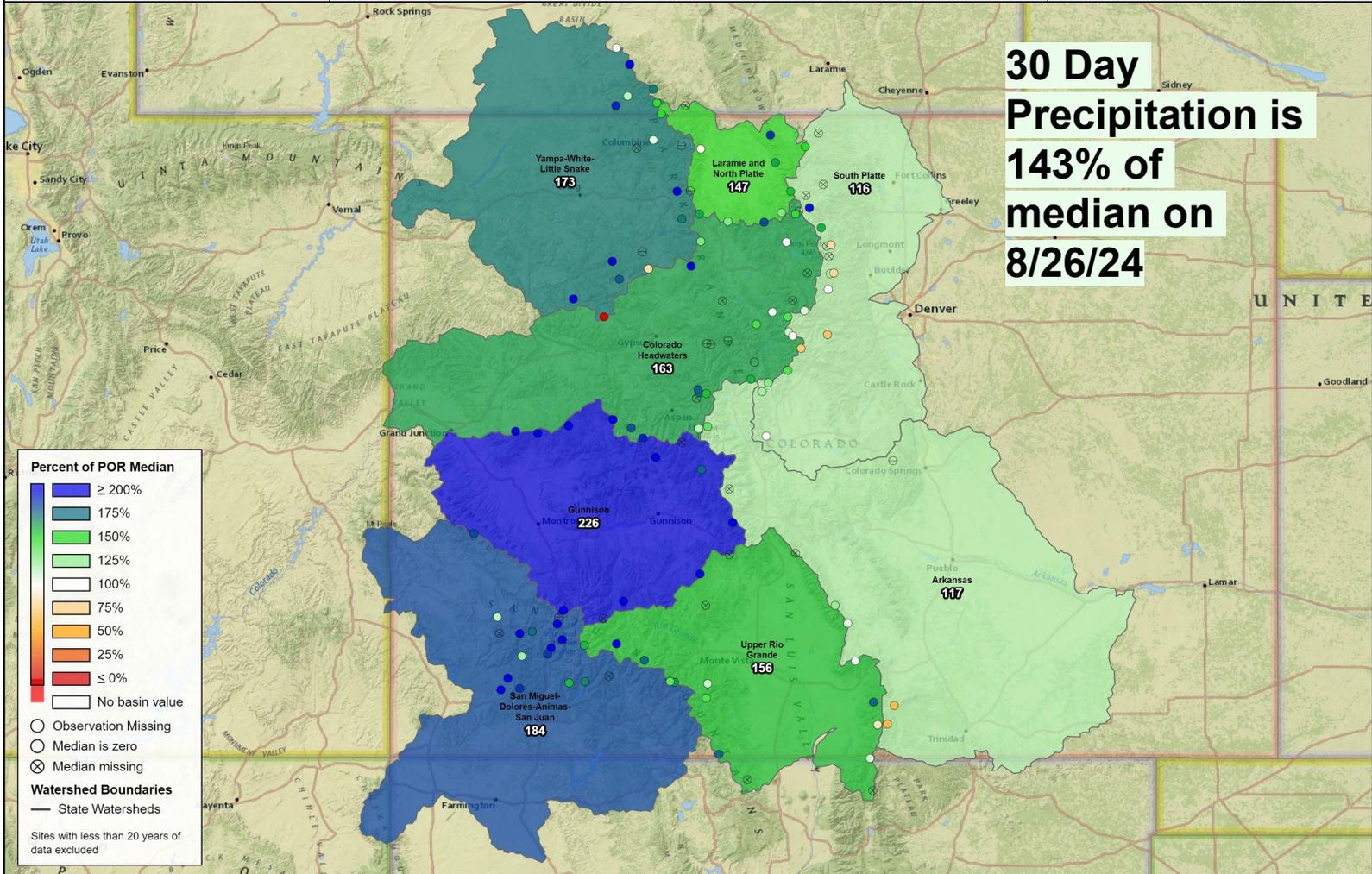
May 28, 2024 - August 25, 2024



30 day Precipitation

CO 30 Days Precipitation
Percent of POR Median

July 27, 2024 - August 25, 2024



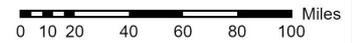
Percent of POR Median

- ≥ 200%
- 175%
- 150%
- 125%
- 100%
- 75%
- 50%
- 25%
- ≤ 0%
- No basin value

○ Observation Missing
○ Median is zero
⊗ Median missing

Watershed Boundaries
— State Watersheds

Sites with less than 20 years of data excluded

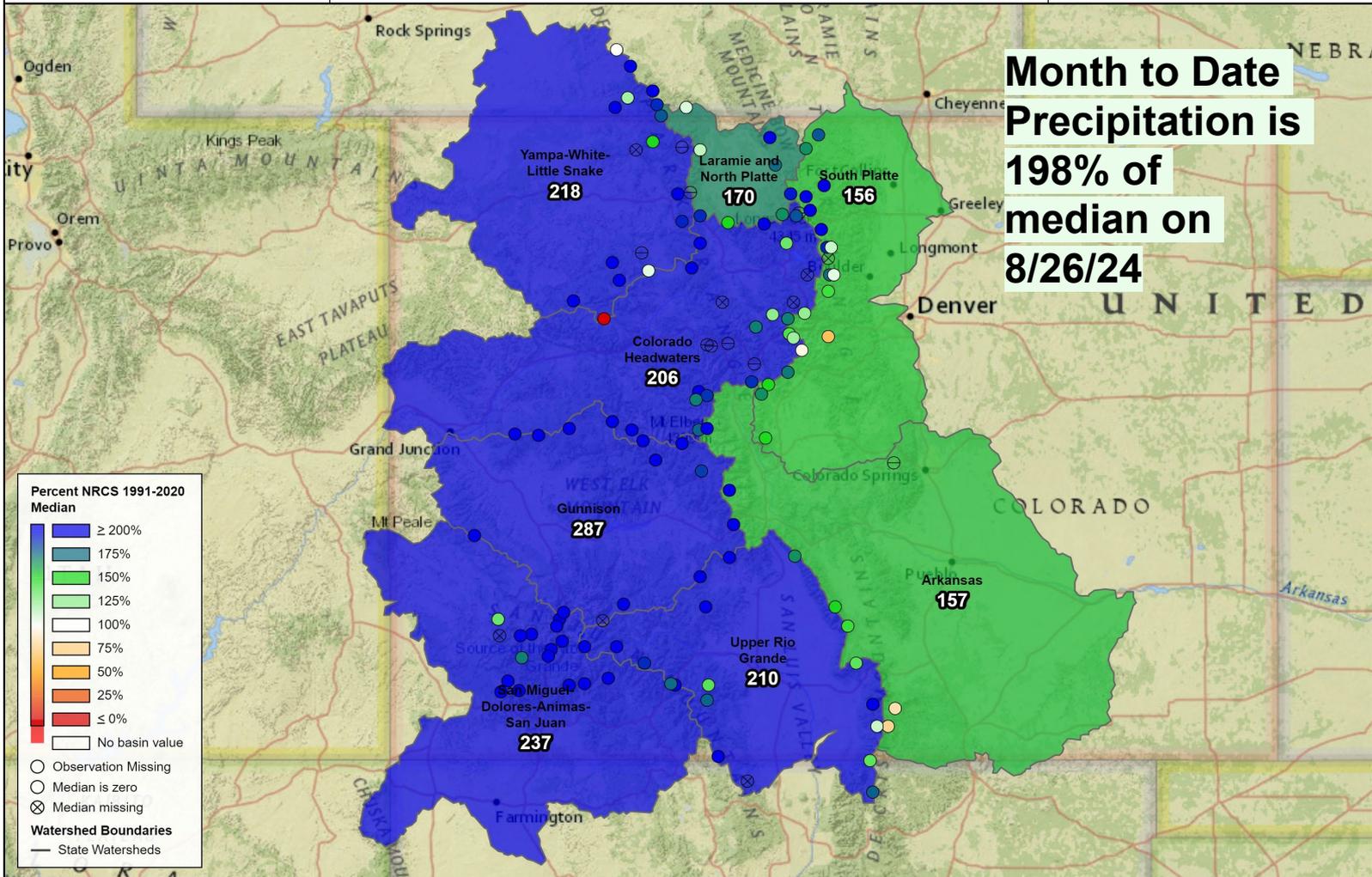


Month to Date Precipitation

CO MTD Precipitation
Percent NRCS 1991-2020 Median

August 1, 2024 -
August 25, 2024

**Month to Date
Precipitation is
198% of
median on
8/26/24**



Percent NRCS 1991-2020 Median

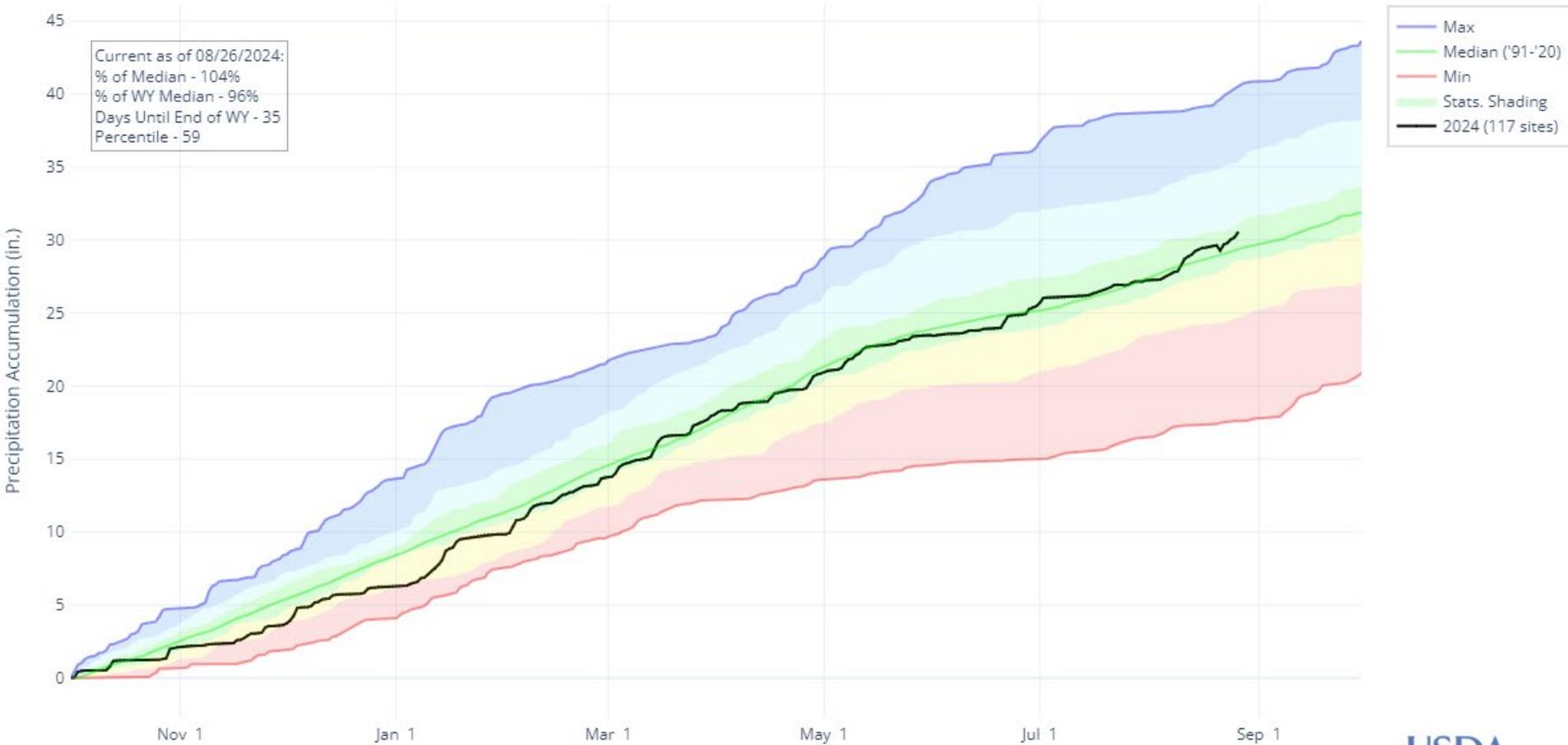
- ≥ 200%
- 175%
- 150%
- 125%
- 100%
- 75%
- 50%
- 25%
- ≤ 0%
- No basin value

○ Observation Missing
○ Median is zero
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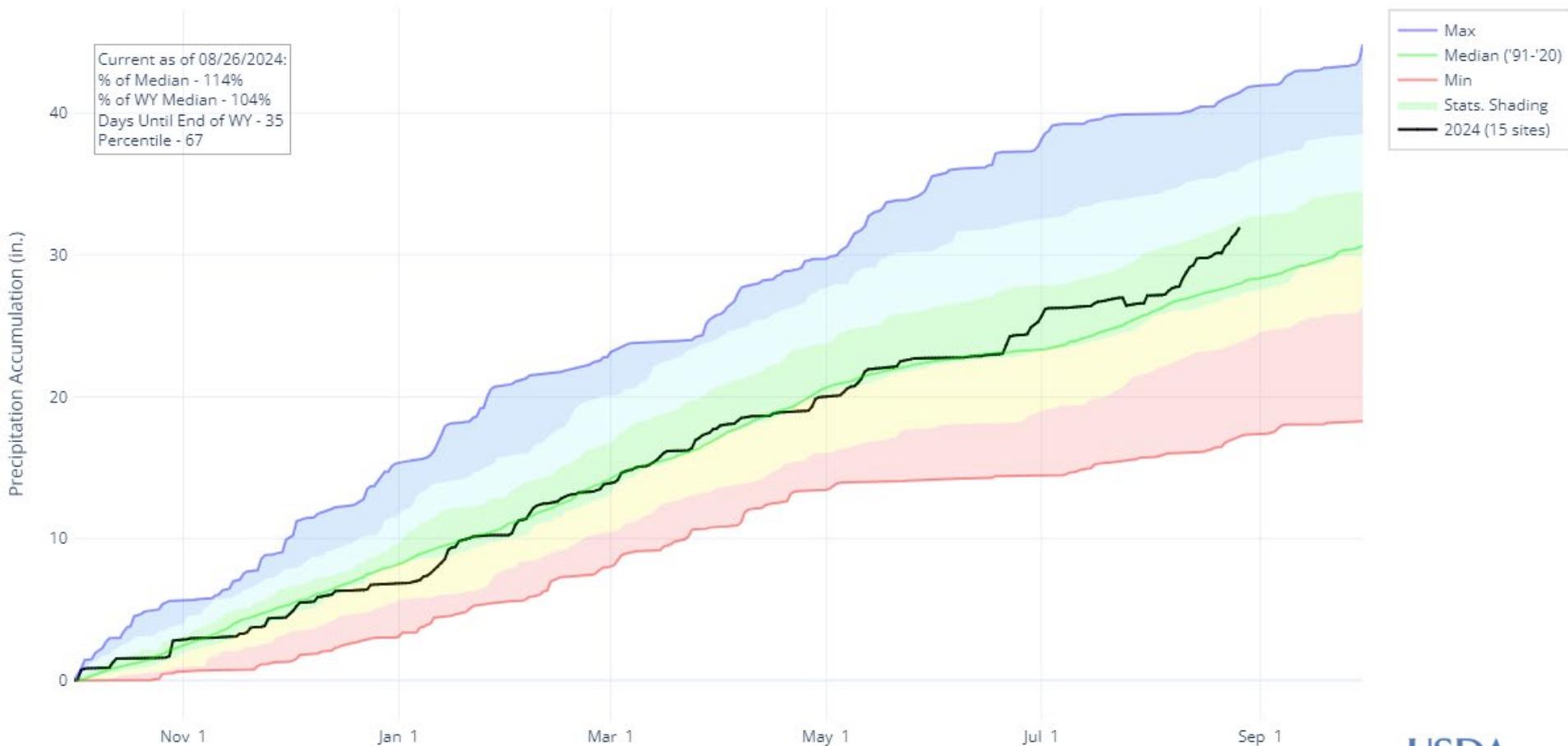
Watershed Boundaries
— State Watersheds



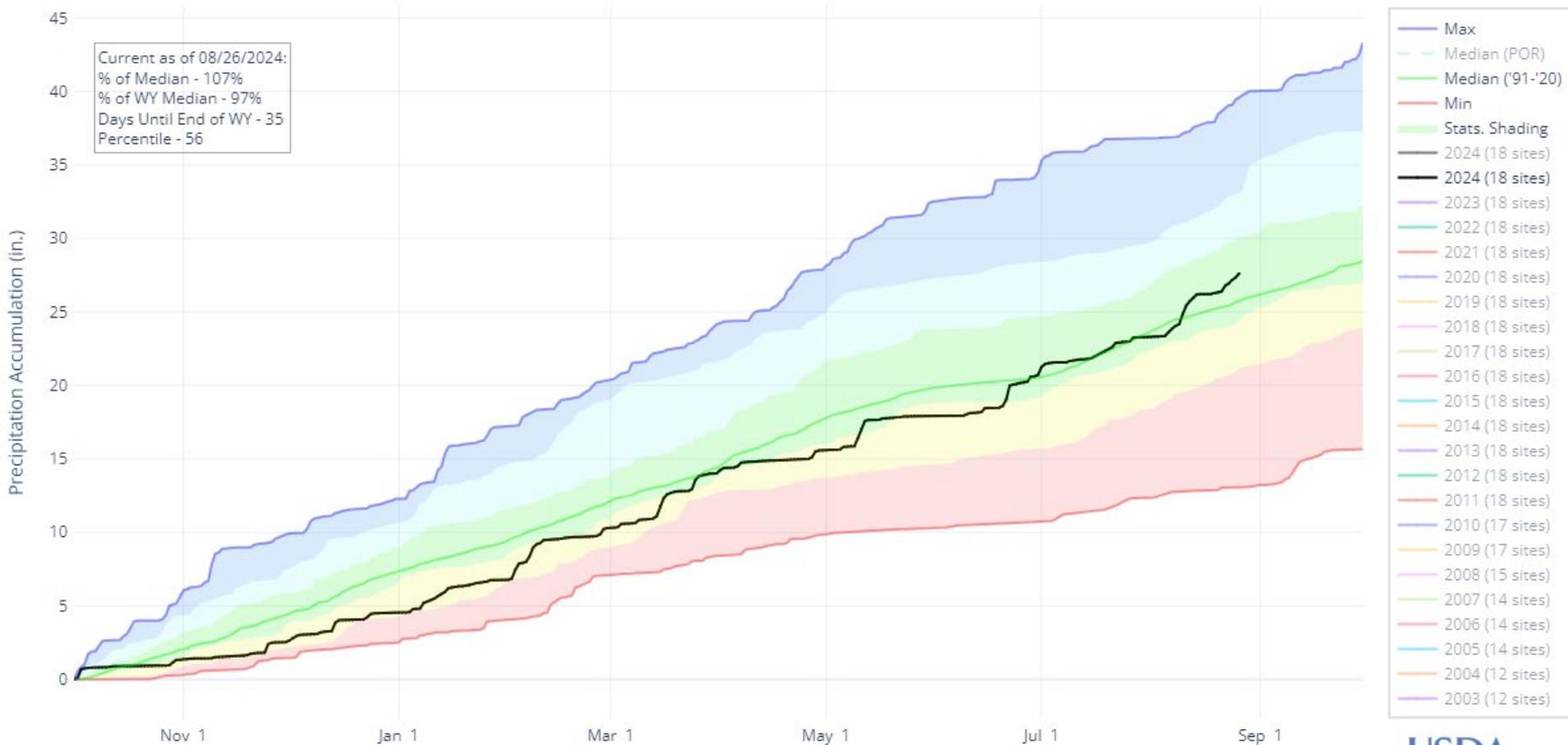
PRECIPITATION ACCUMULATION IN STATE OF COLORADO



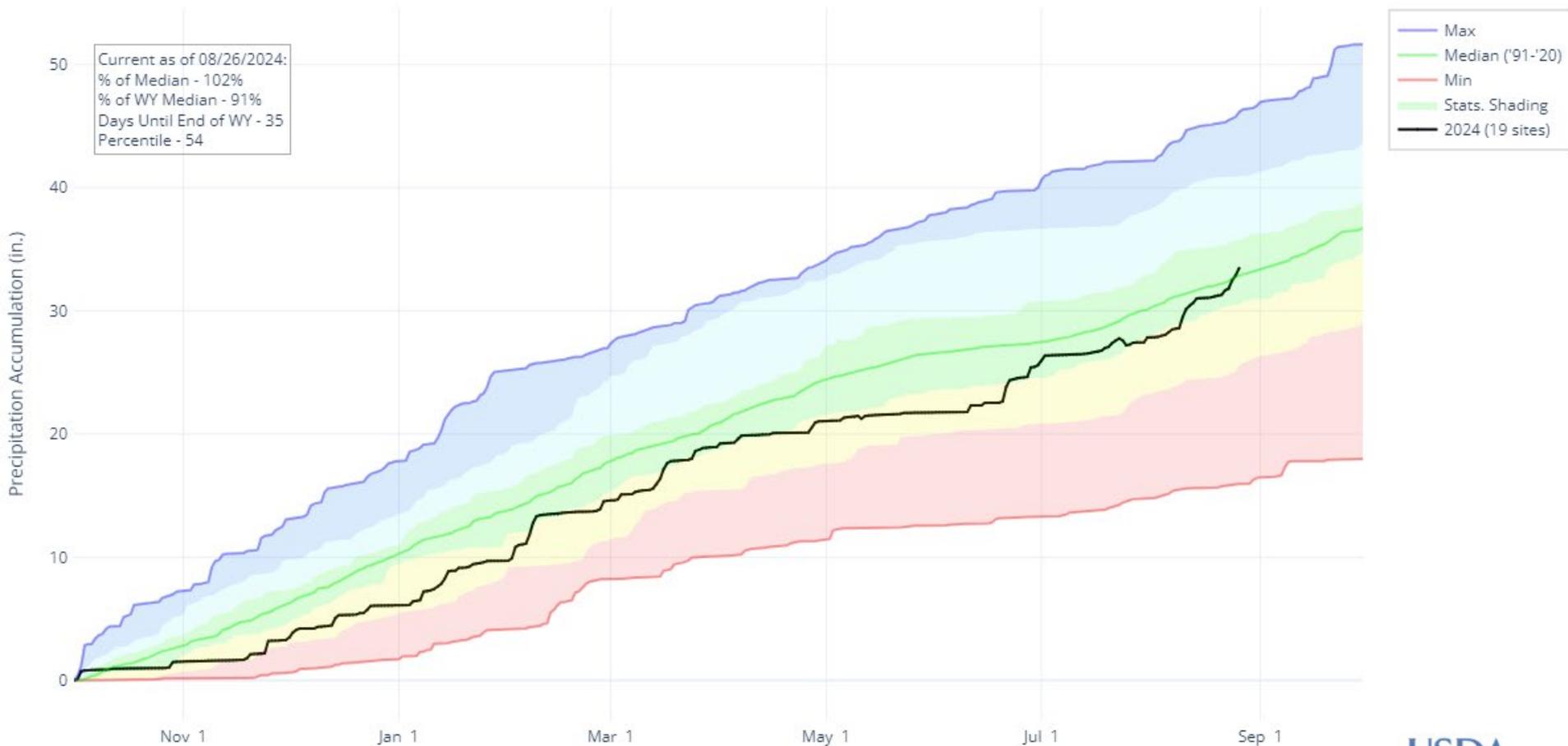
PRECIPITATION ACCUMULATION IN GUNNISON



PRECIPITATION ACCUMULATION IN UPPER RIO GRANDE

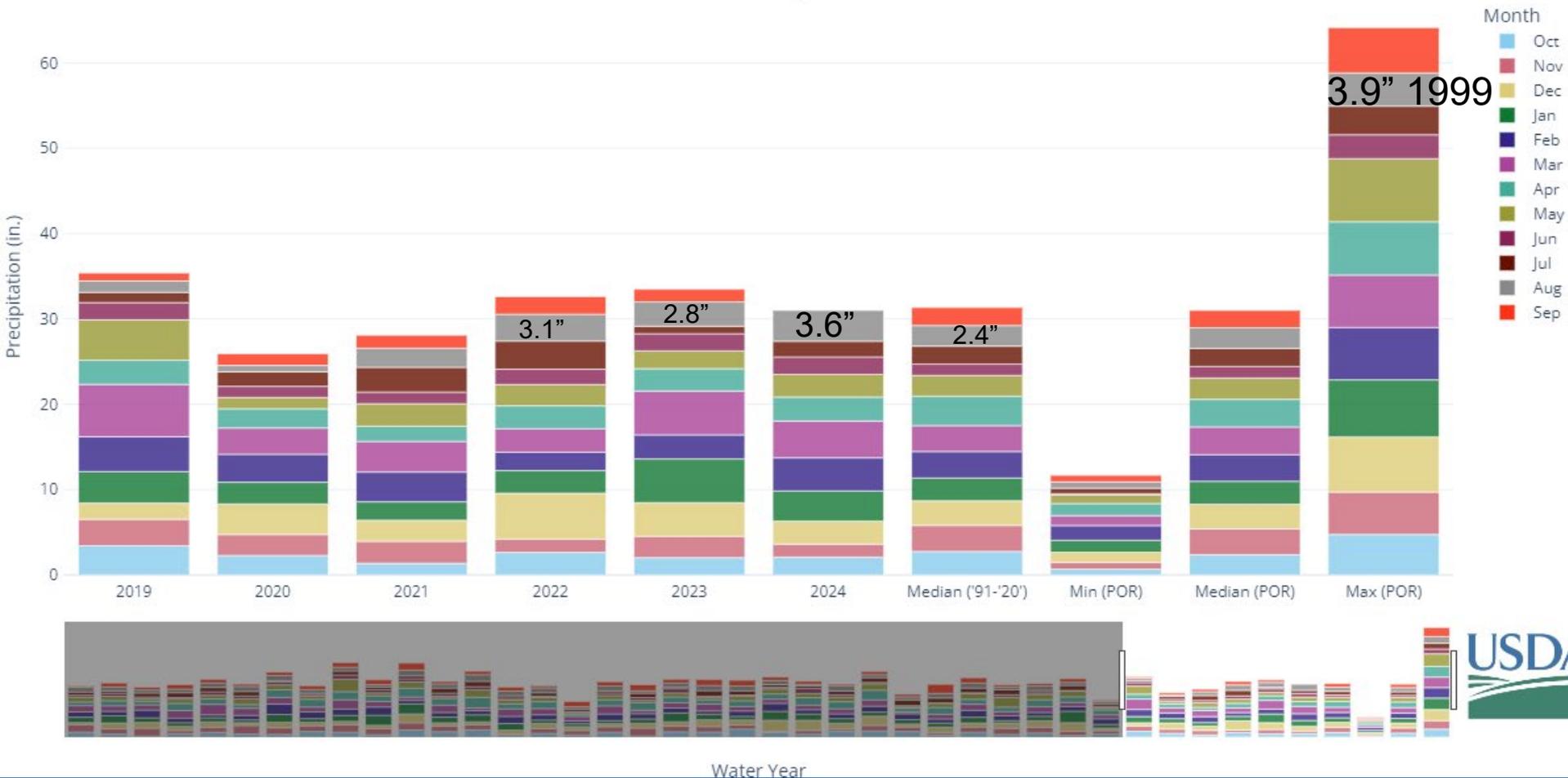


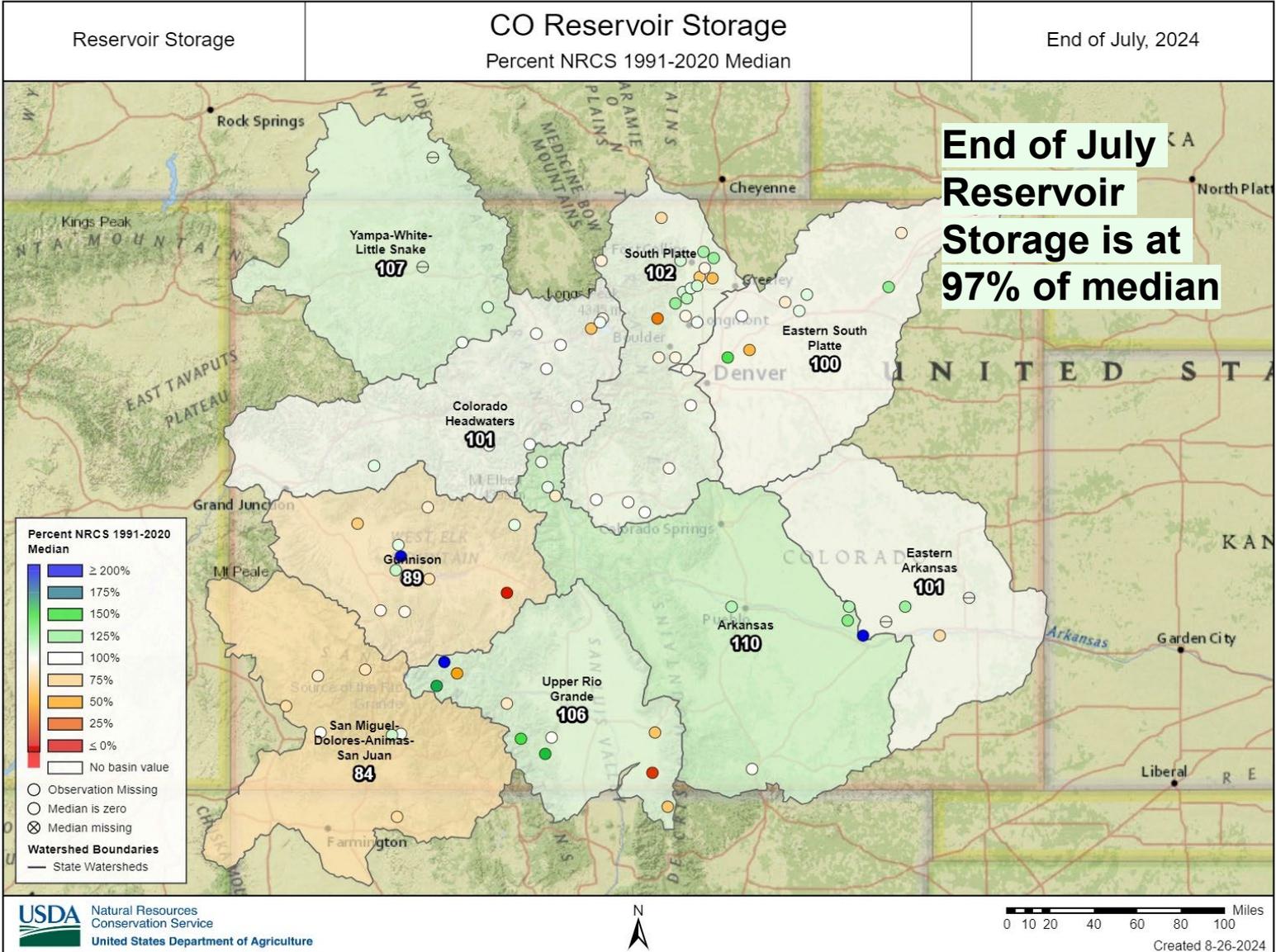
PRECIPITATION ACCUMULATION IN SAN MIGUEL-DOLORES-ANIMAS-SAN JUAN



STATE OF COLORADO MONTHLY PRECIPITATION SUMMARY

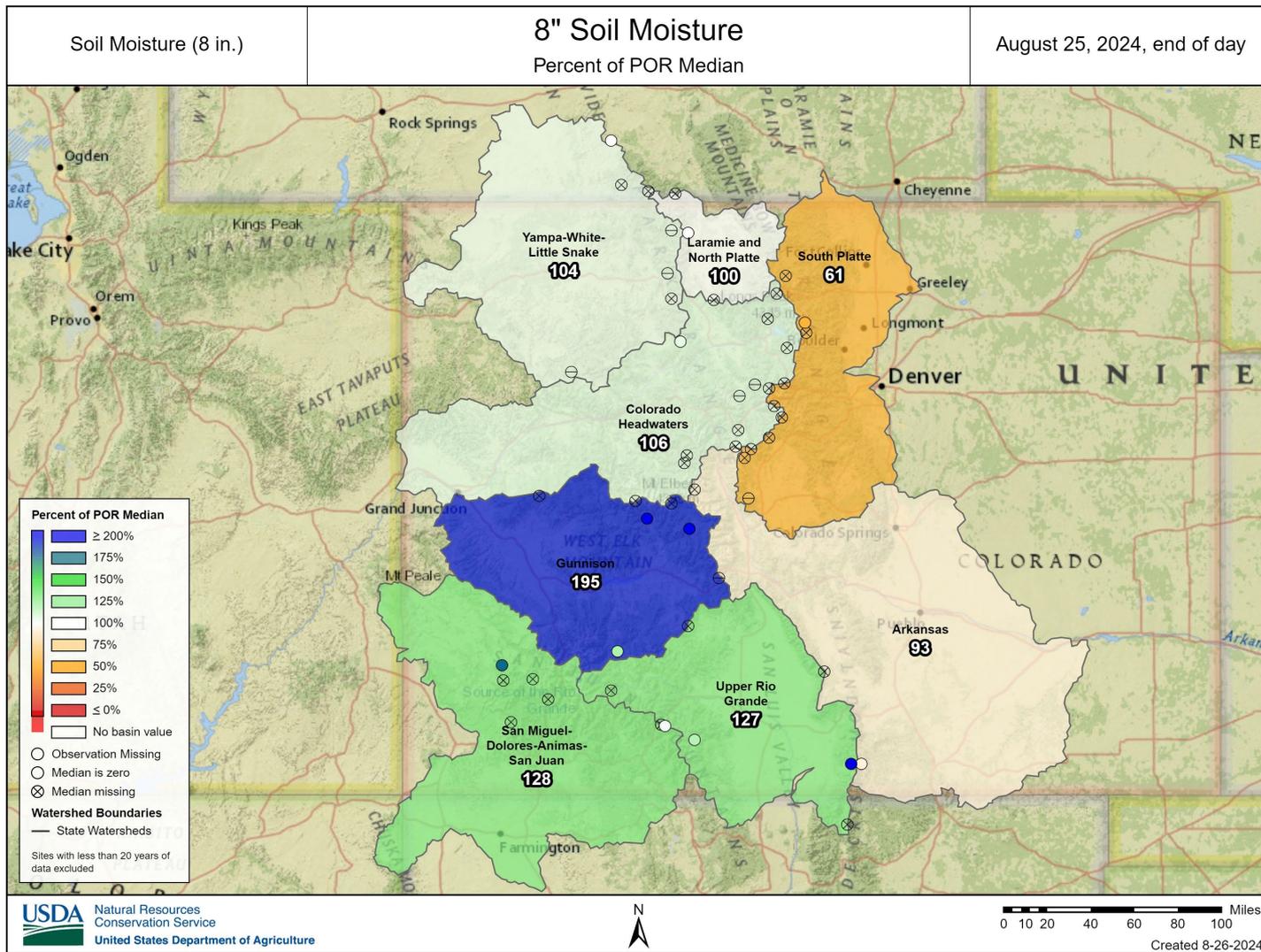
[Link to data: CSV / JSON](#)





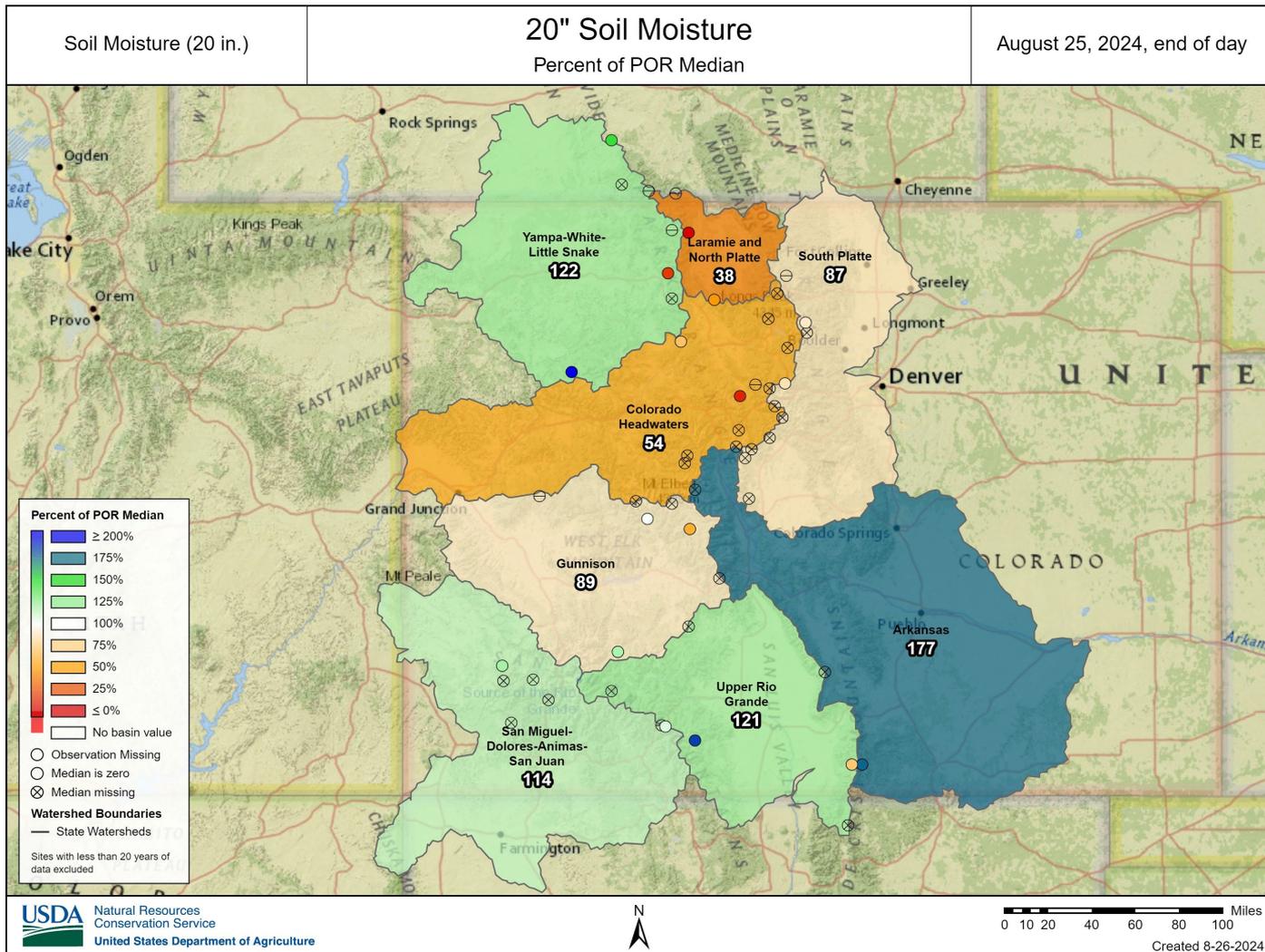


8 inch soil moisture





20 inch soil moisture



Summary

- Monsoonal flow has provided substantial rainfall across southern and southwestern Colorado, especially benefiting the San Miguel, Dolores, Animas, San Juan and Gunnison basins
- Statewide precipitation is 104% of median. Ranging from 97% in the South Platte to 114% in the Gunnison.
- Statewide reservoir storage is at 97% of median up 2% from June.
- The mean soil moisture across all stations for 8 inch depths is around 20.4% and 17.5% for 20 inch sensors showing improvements from earlier in the year



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