



Water Conditions Monitoring Committee Meeting

June 17th, 2025

NRCS Snow Survey and Water Supply Forecasting Program

Brian Domonkos

Hydrologist

Brian.Domonkos@usda.gov

720-544-2853

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

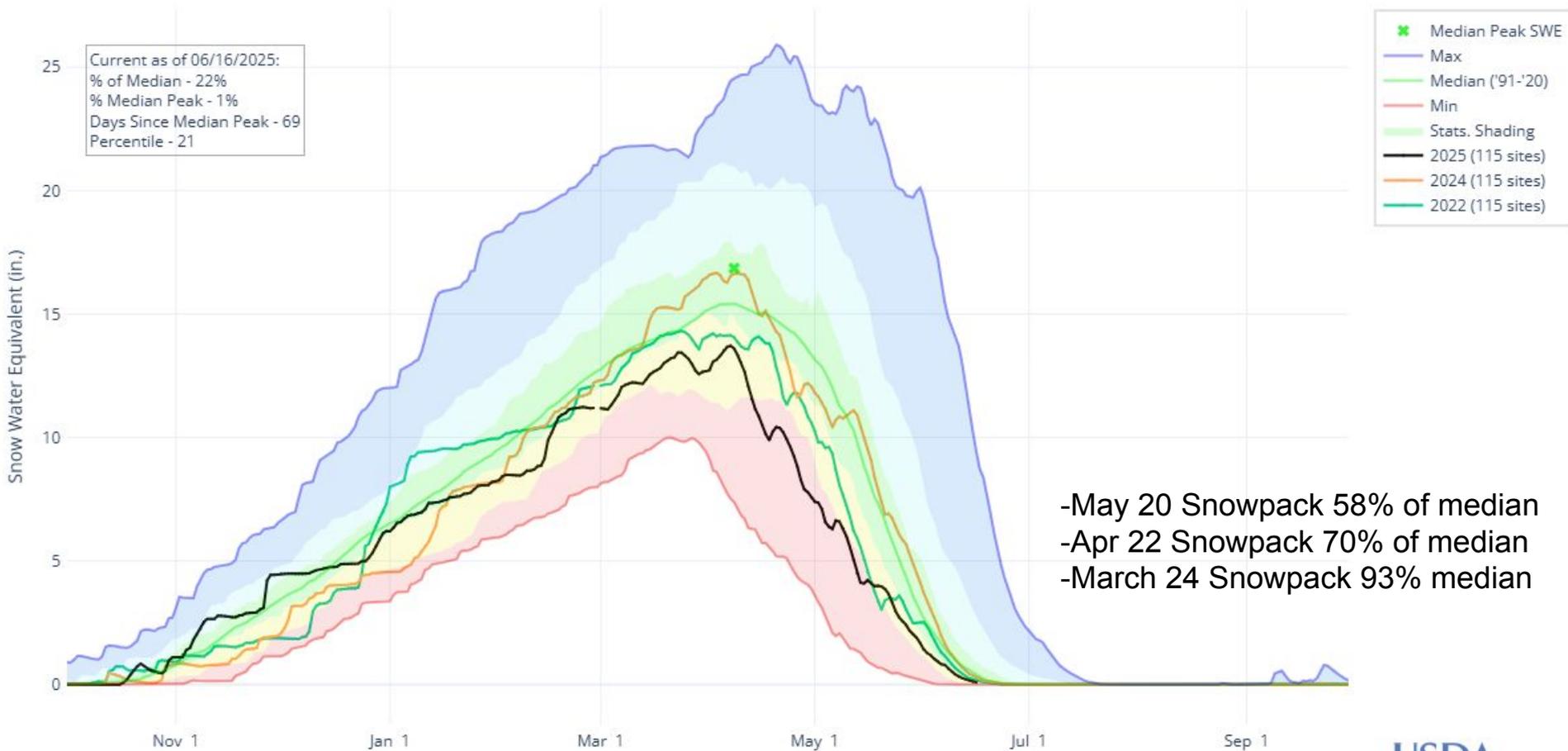


United States Department of Agriculture

Colorado Snow Surveys

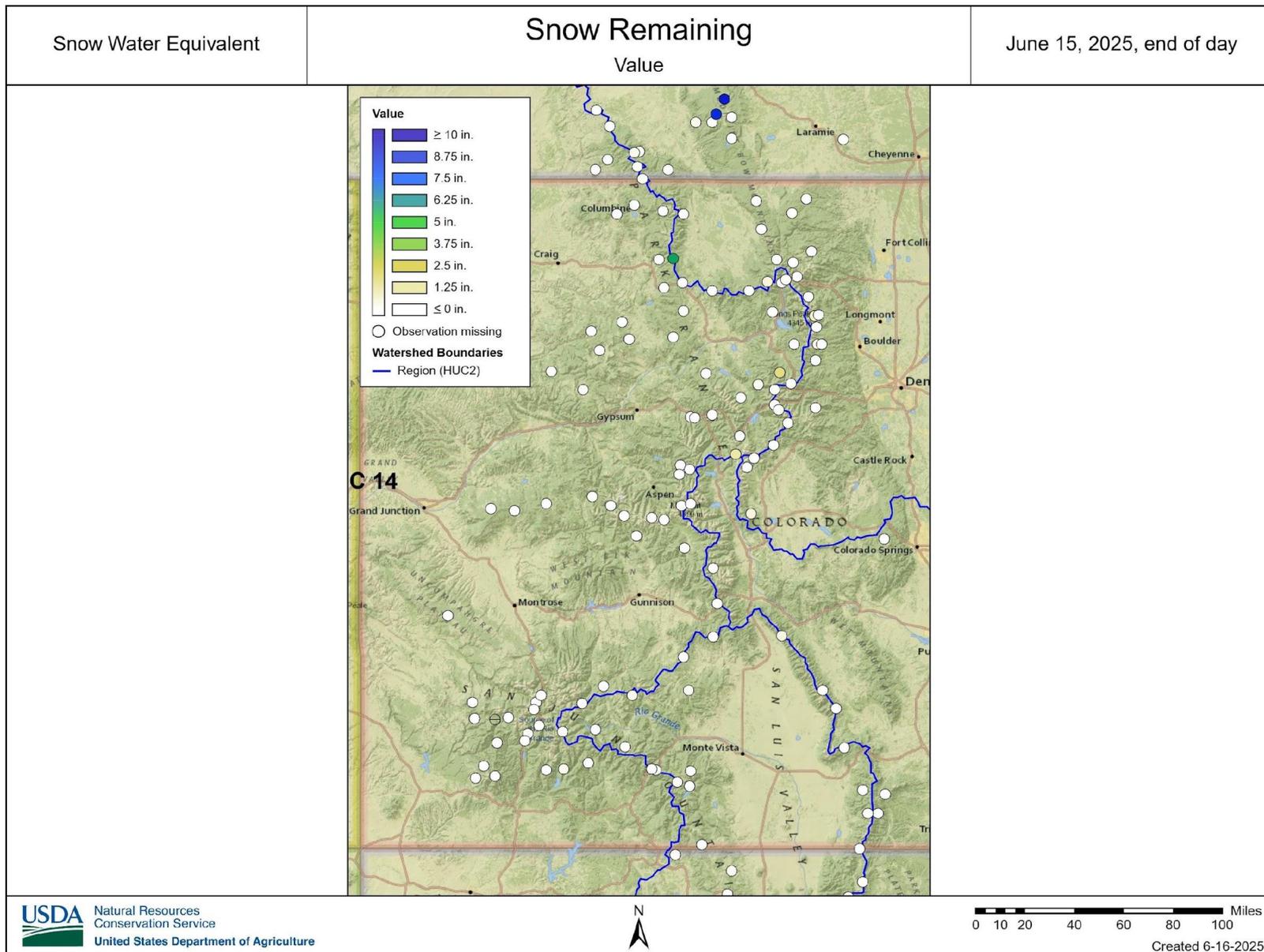
Snowpack

SNOW WATER EQUIVALENT IN STATE OF COLORADO



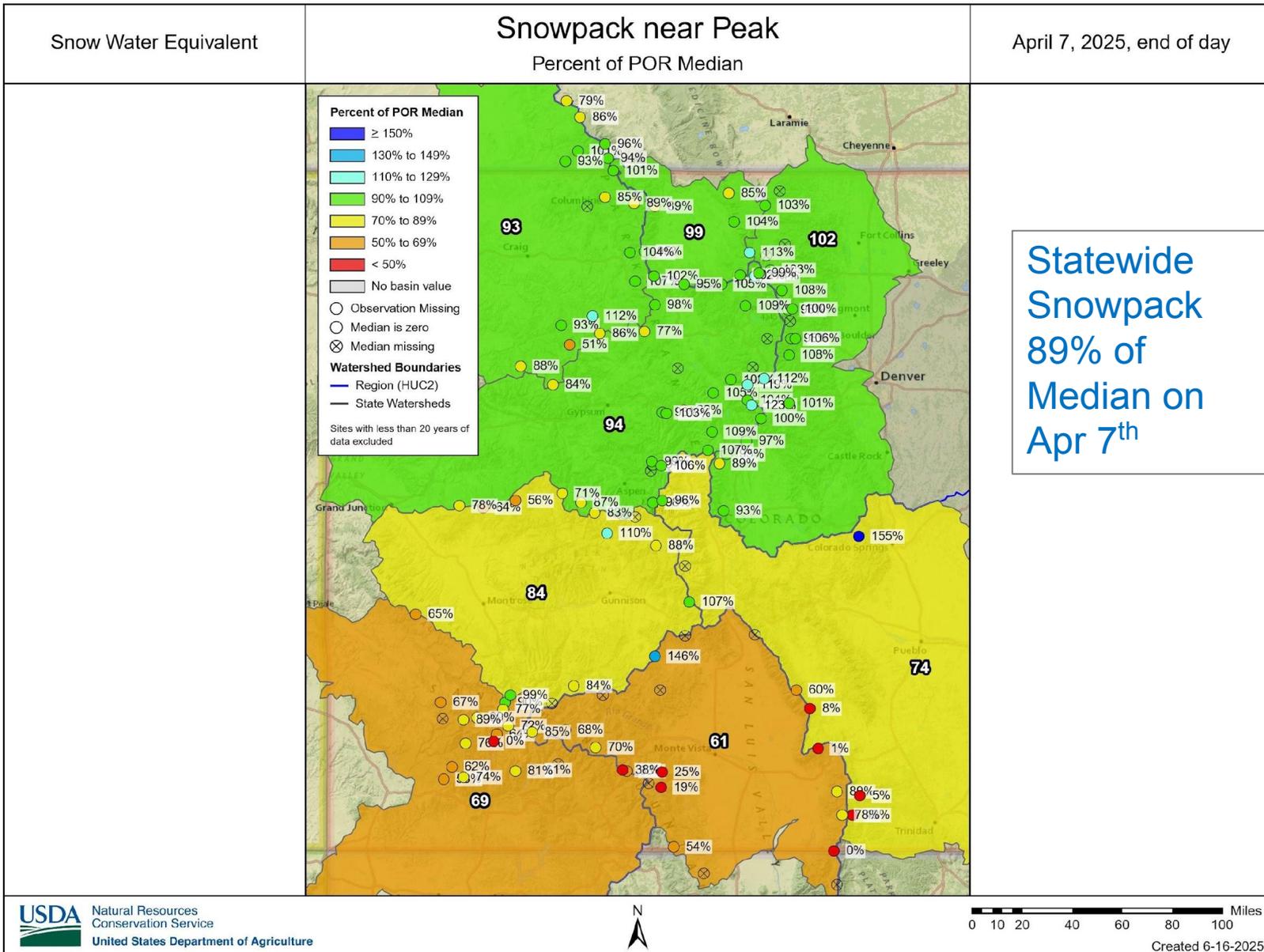


Snowpack Remaining as of Today



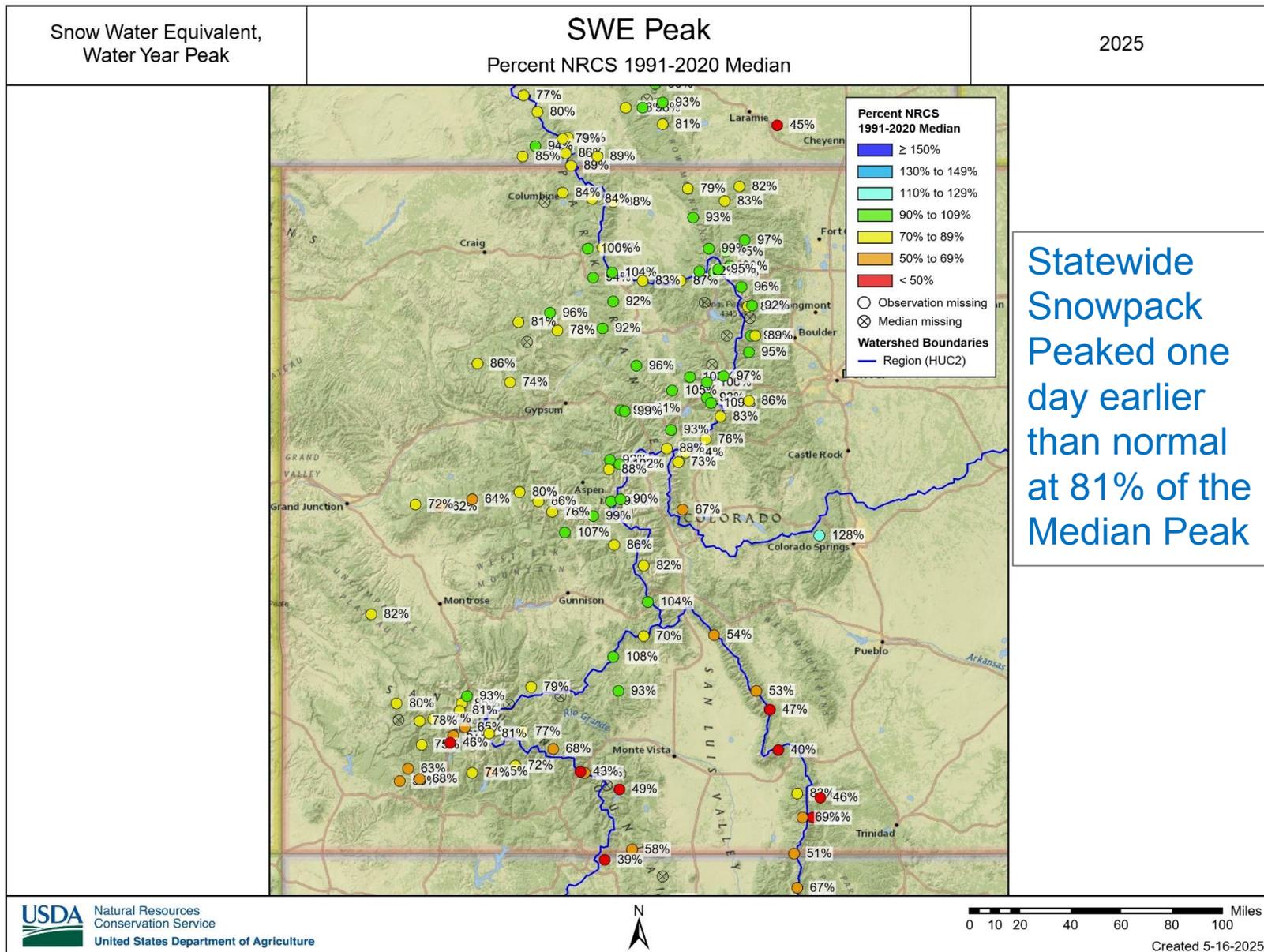


Snowpack as of Apr 7th





Snowpack as Percent of Median Peak



Statewide Snowpack Peaked one day earlier than normal at 81% of the Median Peak

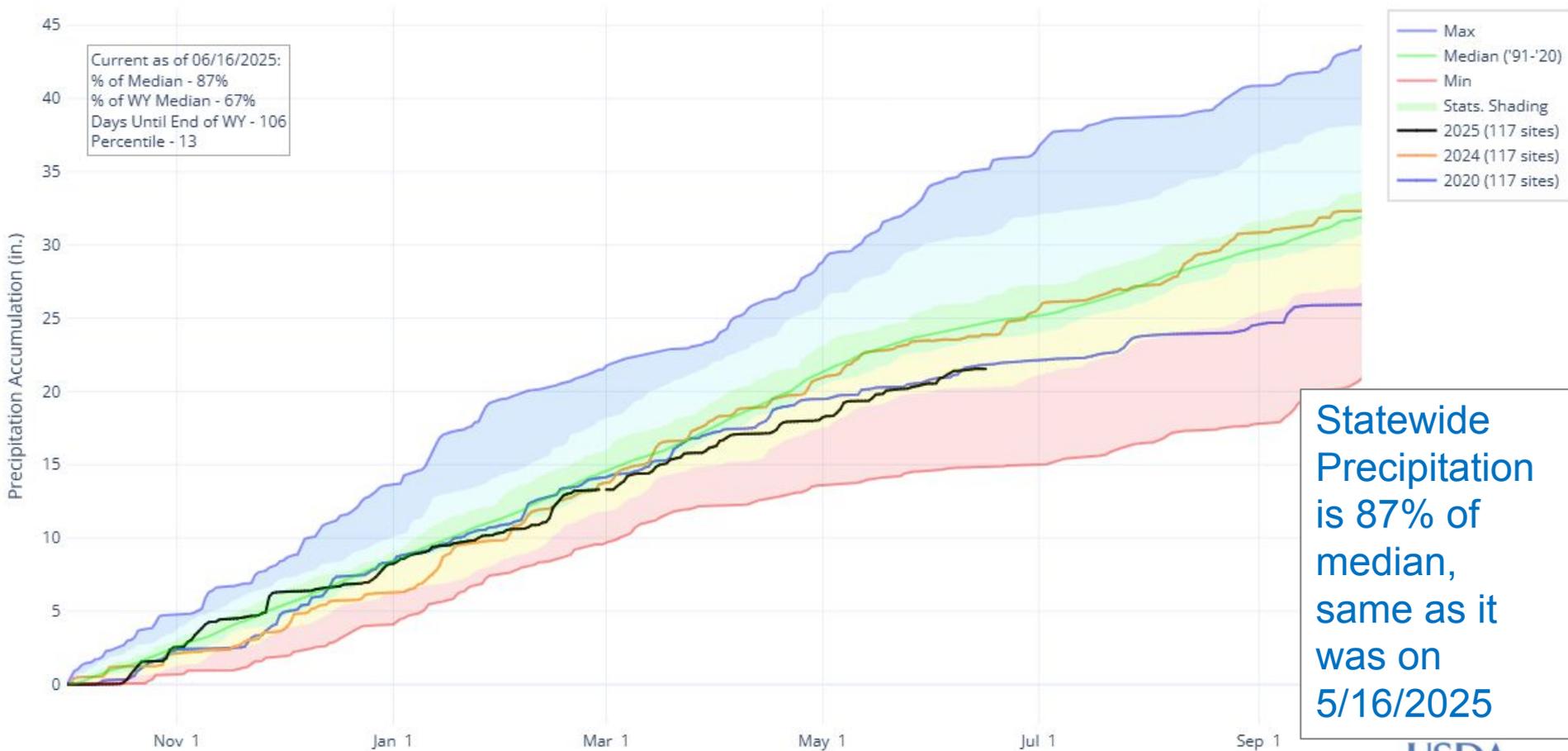


United States Department of Agriculture

Colorado Snow Surveys

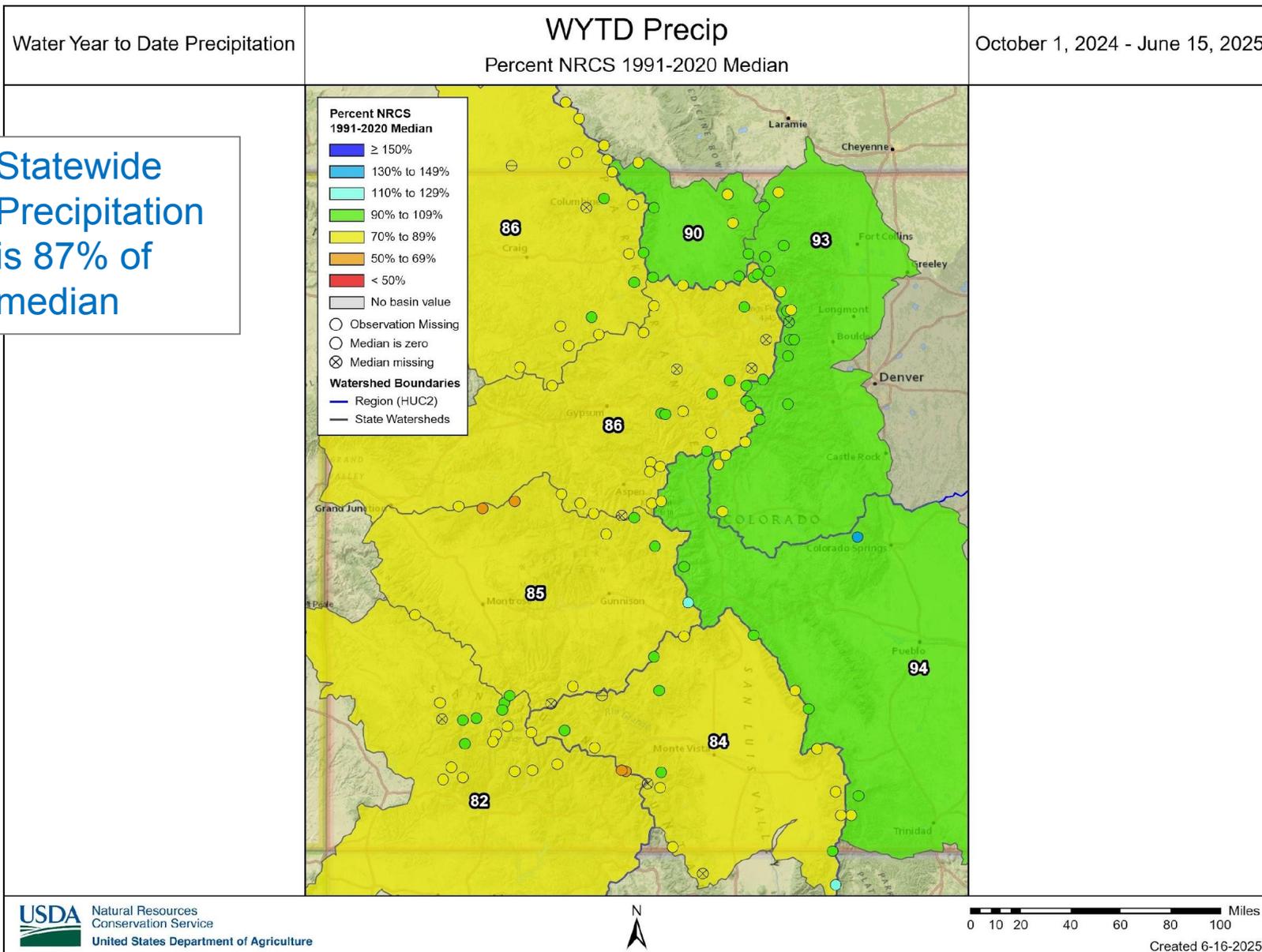
Precipitation

PRECIPITATION ACCUMULATION IN STATE OF COLORADO



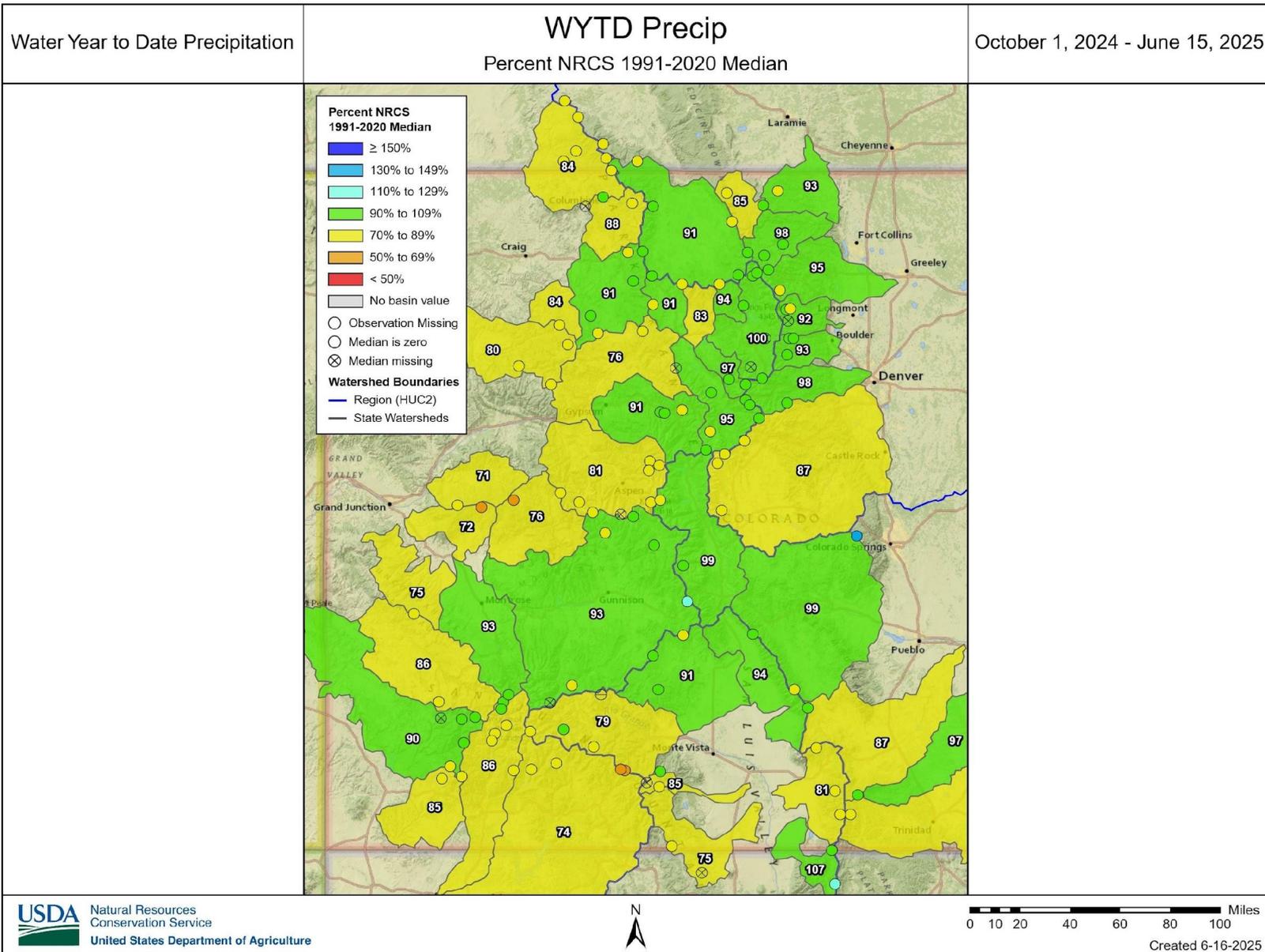
WY25 Precipitation to Date

Statewide
Precipitation
is 87% of
median





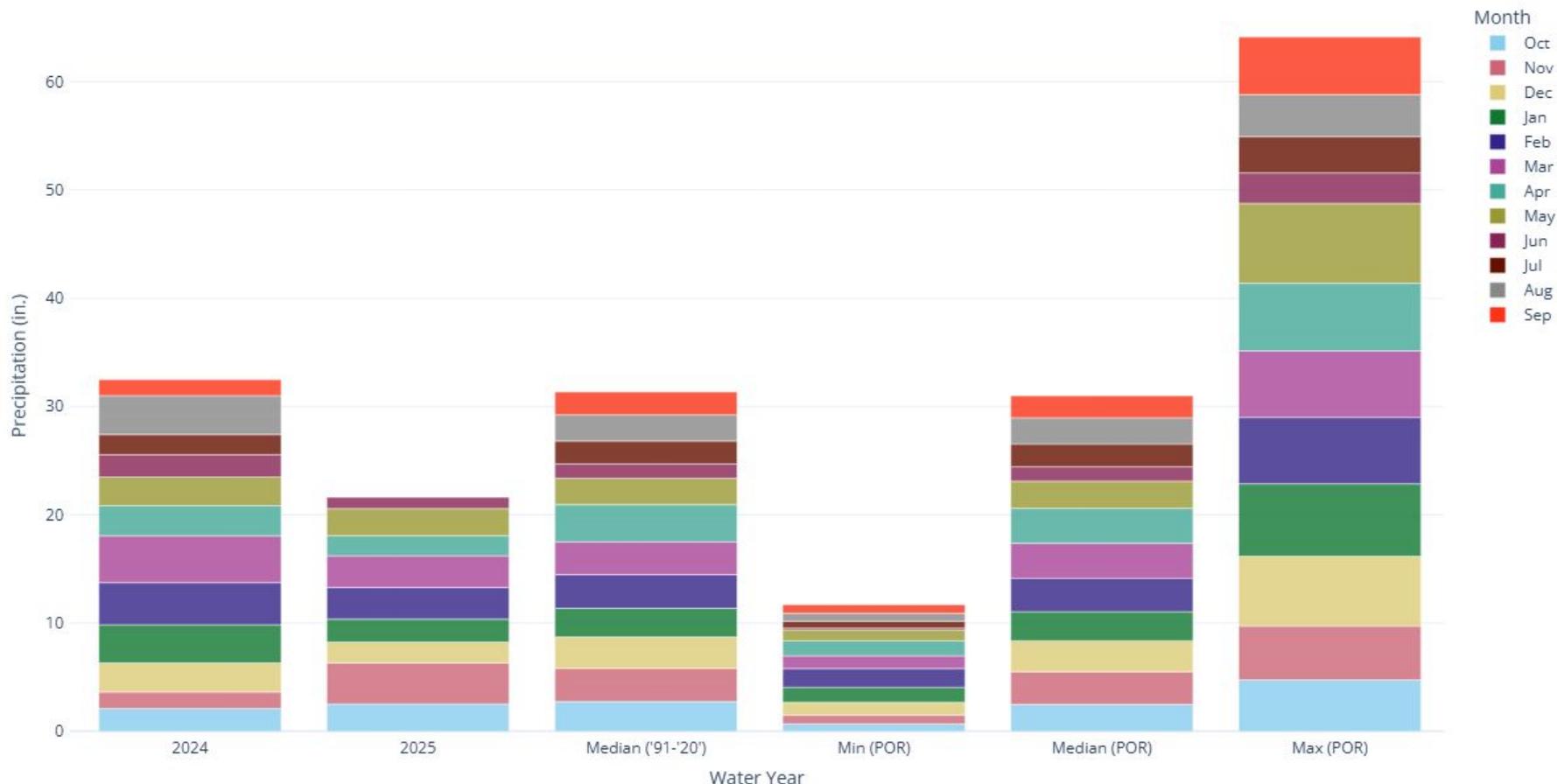
WY25 Precipitation to Date





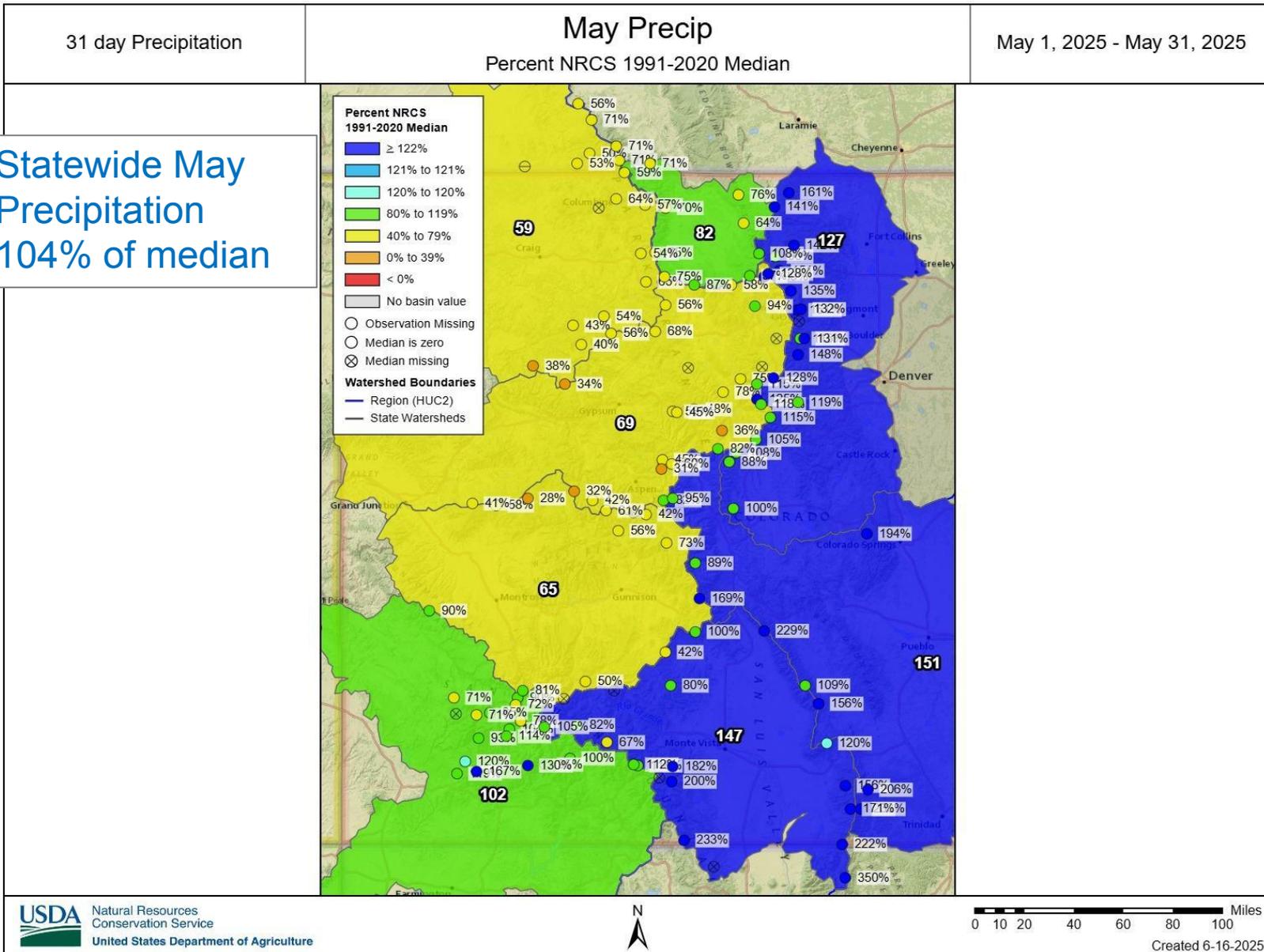
May Precipitation

STATE OF COLORADO MONTHLY PRECIPITATION SUMMARY



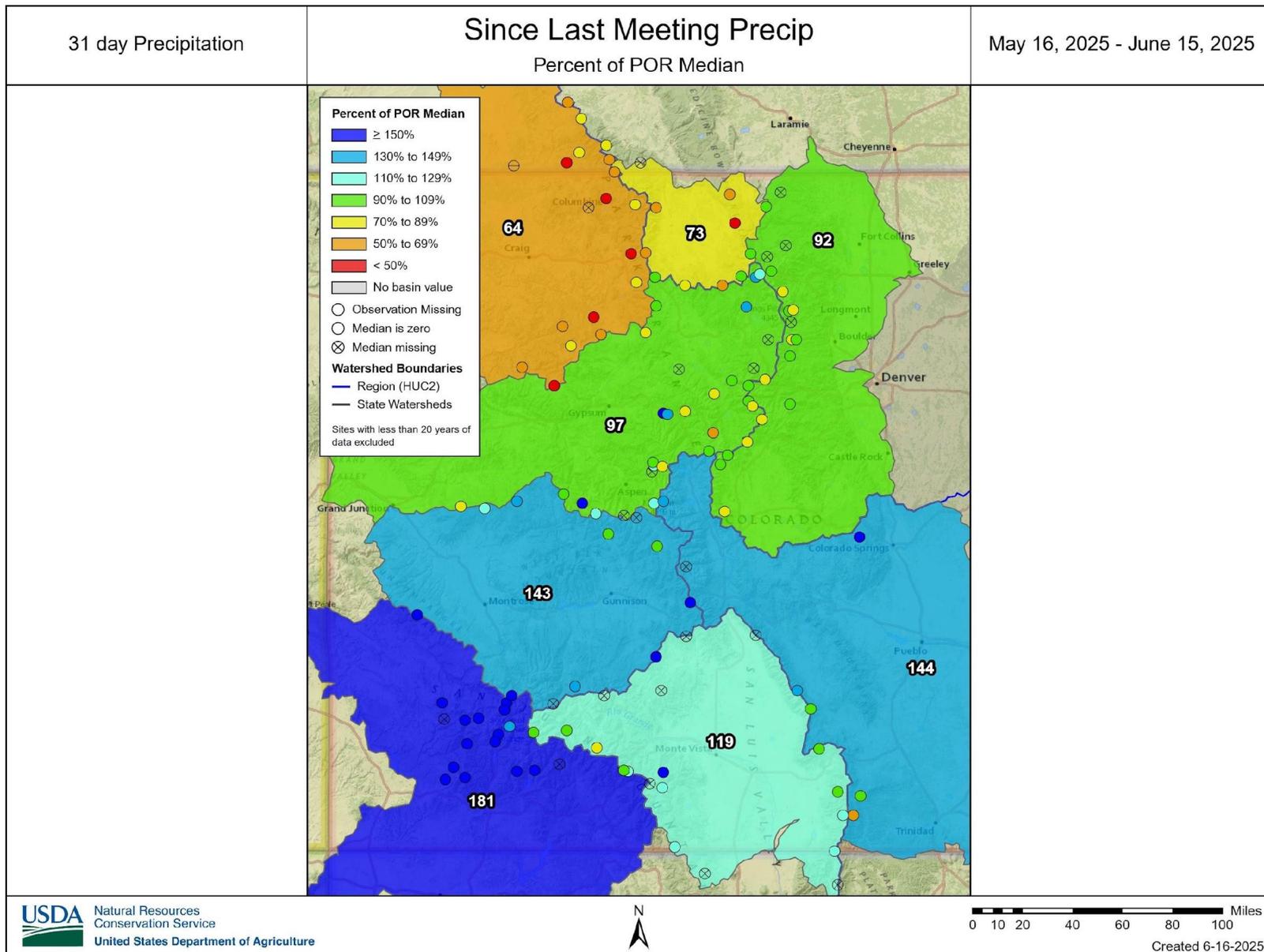
May Precipitation

Statewide May Precipitation
104% of median



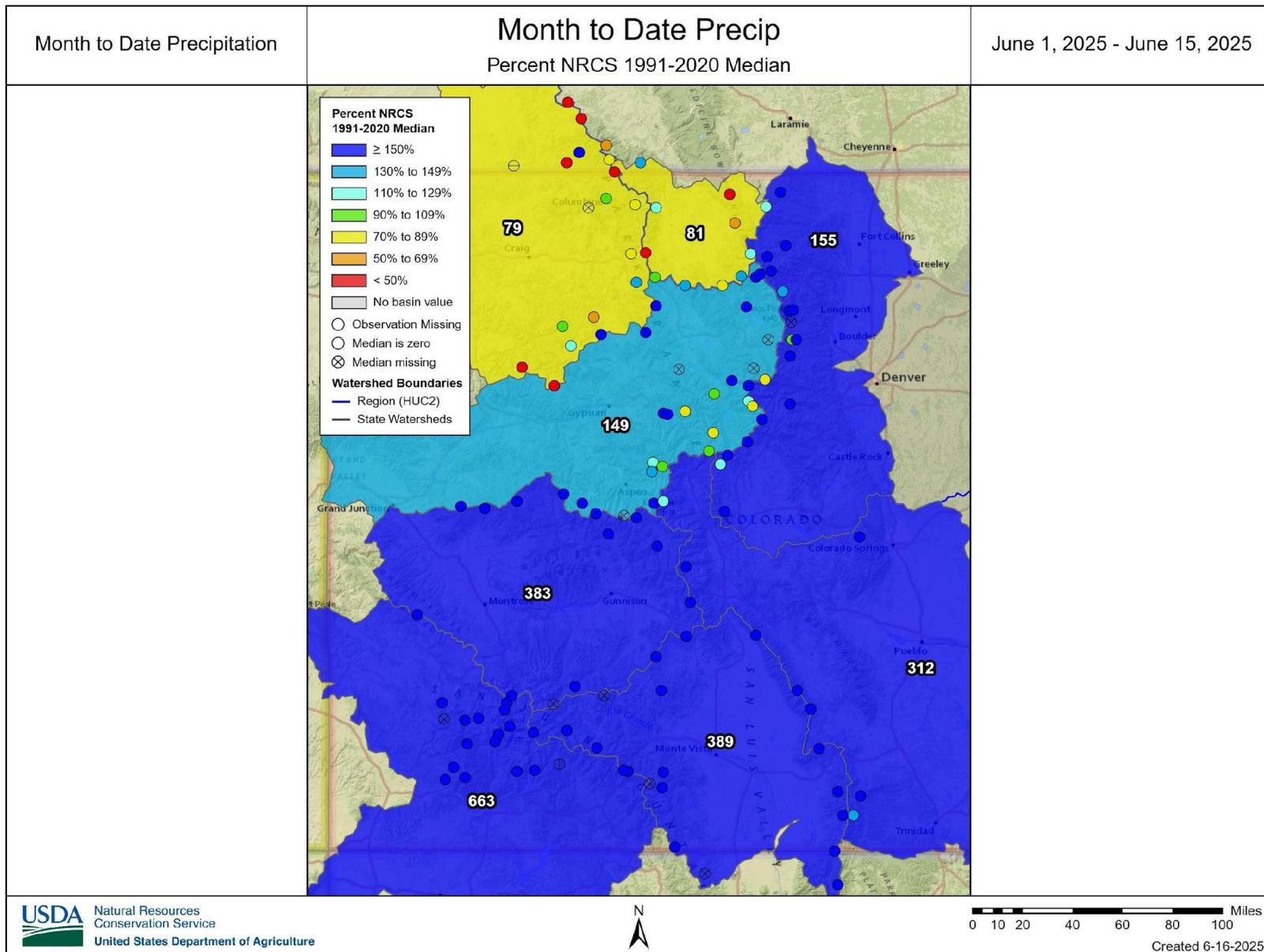


Precipitation Accumulation Since Last Meeting

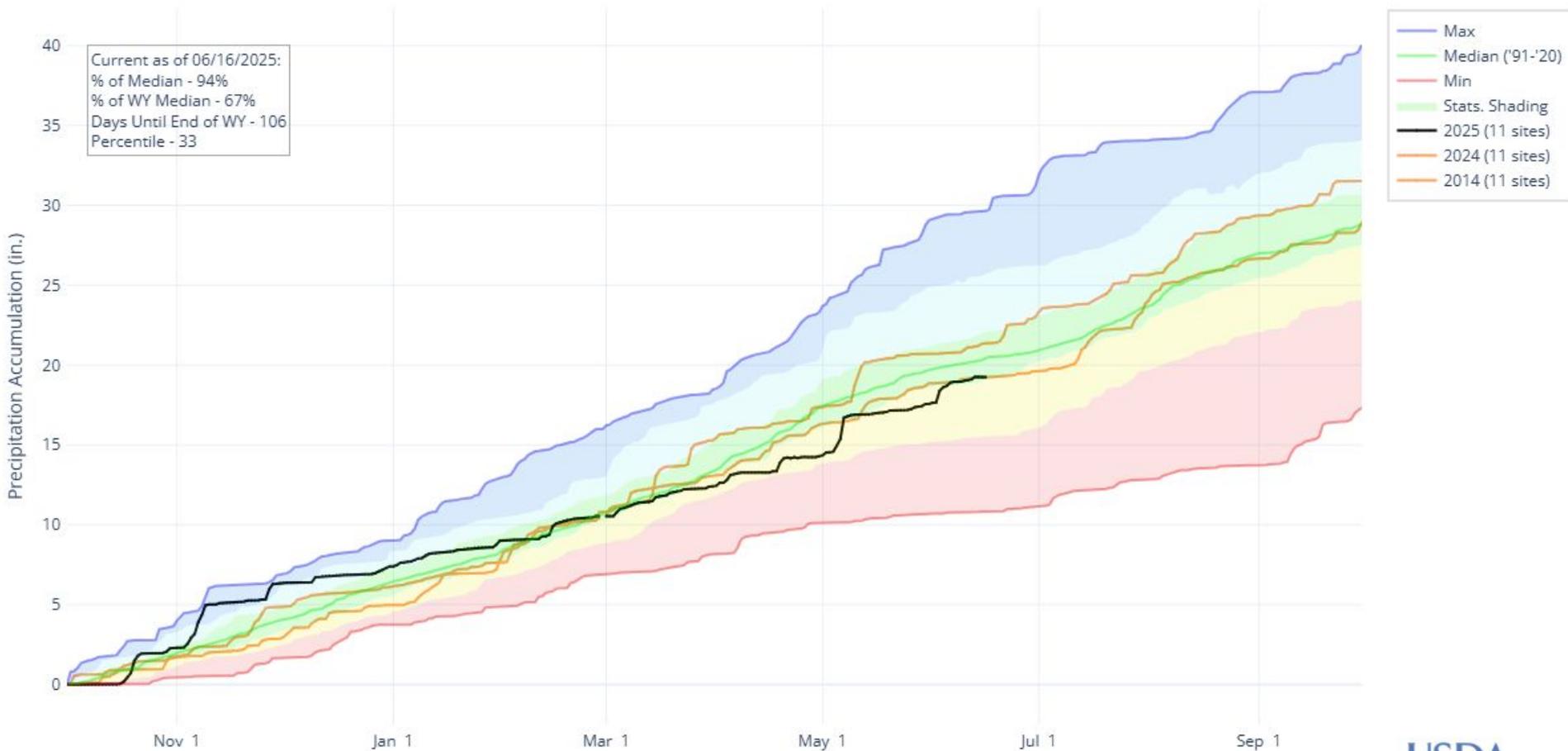




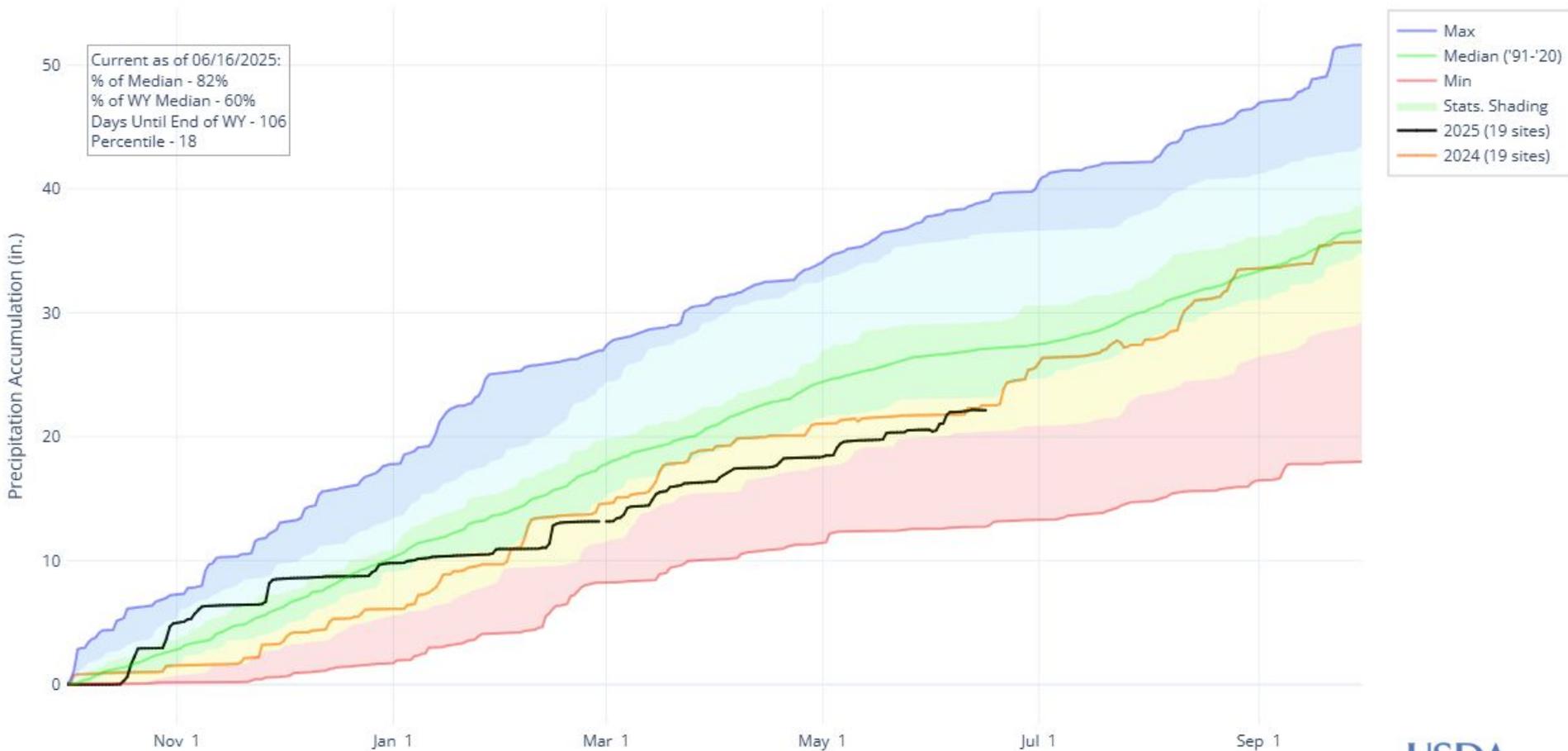
June Precipitation Accumulation to Date



PRECIPITATION ACCUMULATION IN ARKANSAS



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



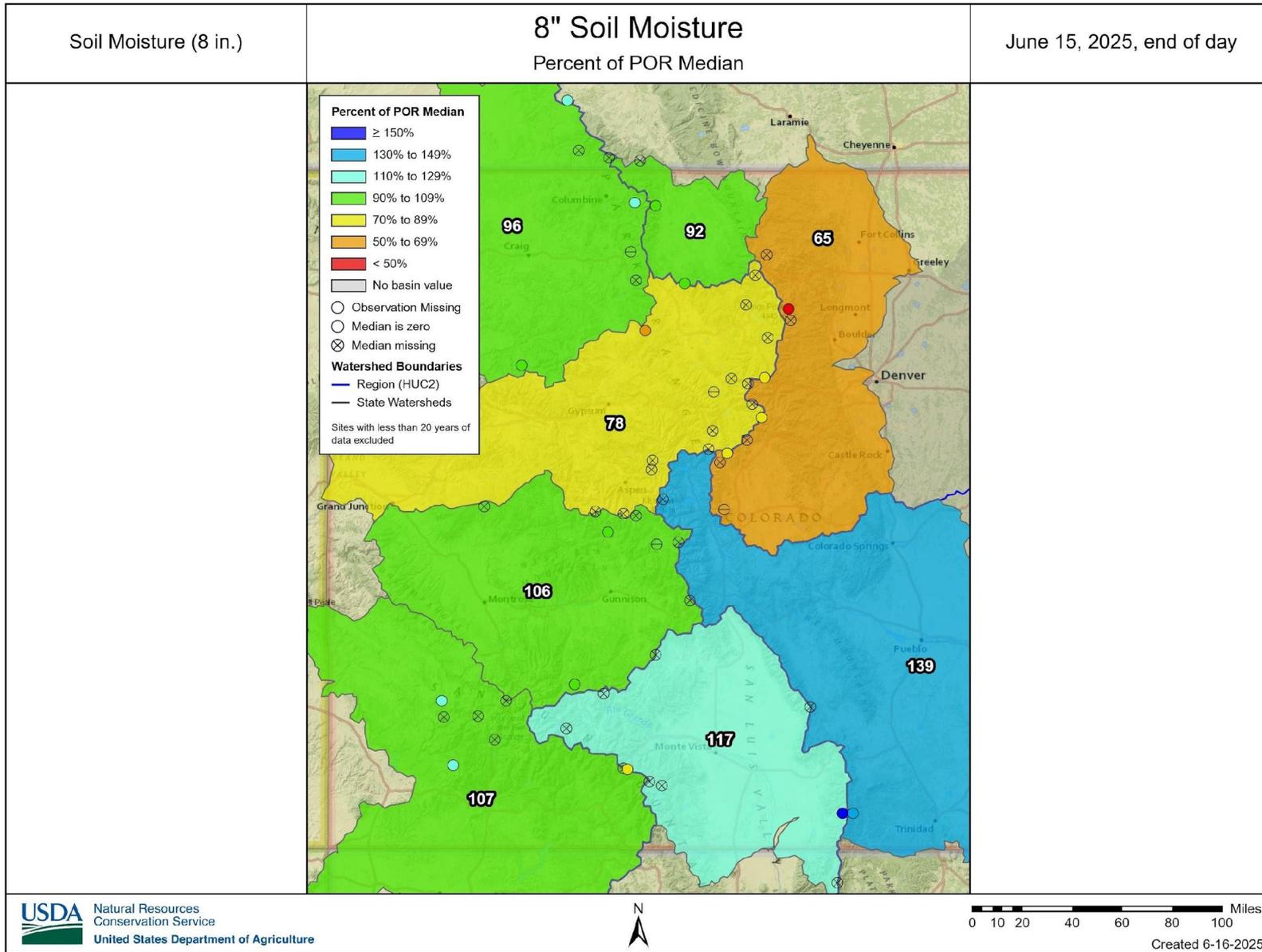


United States Department of Agriculture

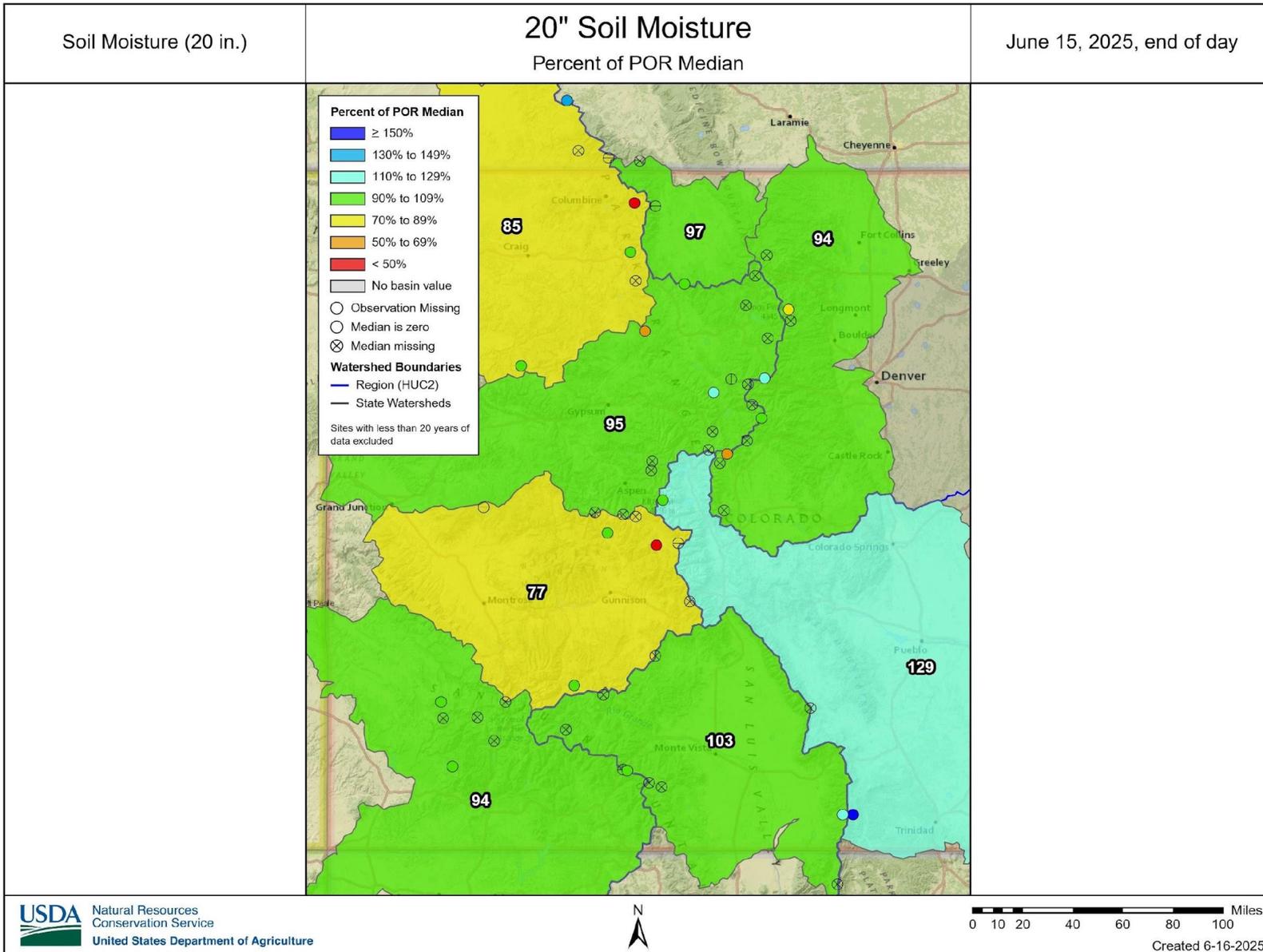
Colorado Snow Surveys

Soil Moisture

Soil Moisture – 8” Sensors



Soil Moisture – 20” Sensors

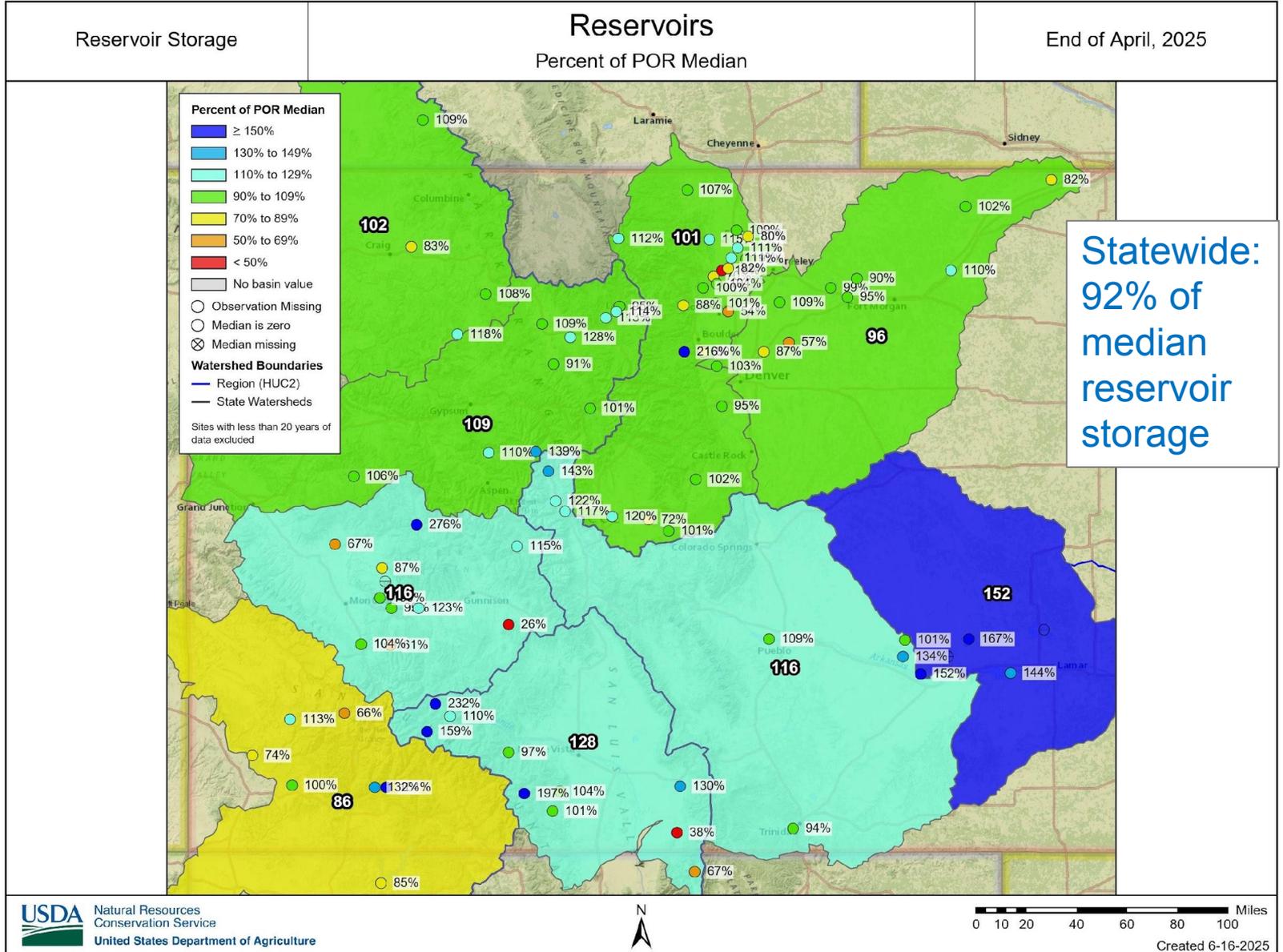


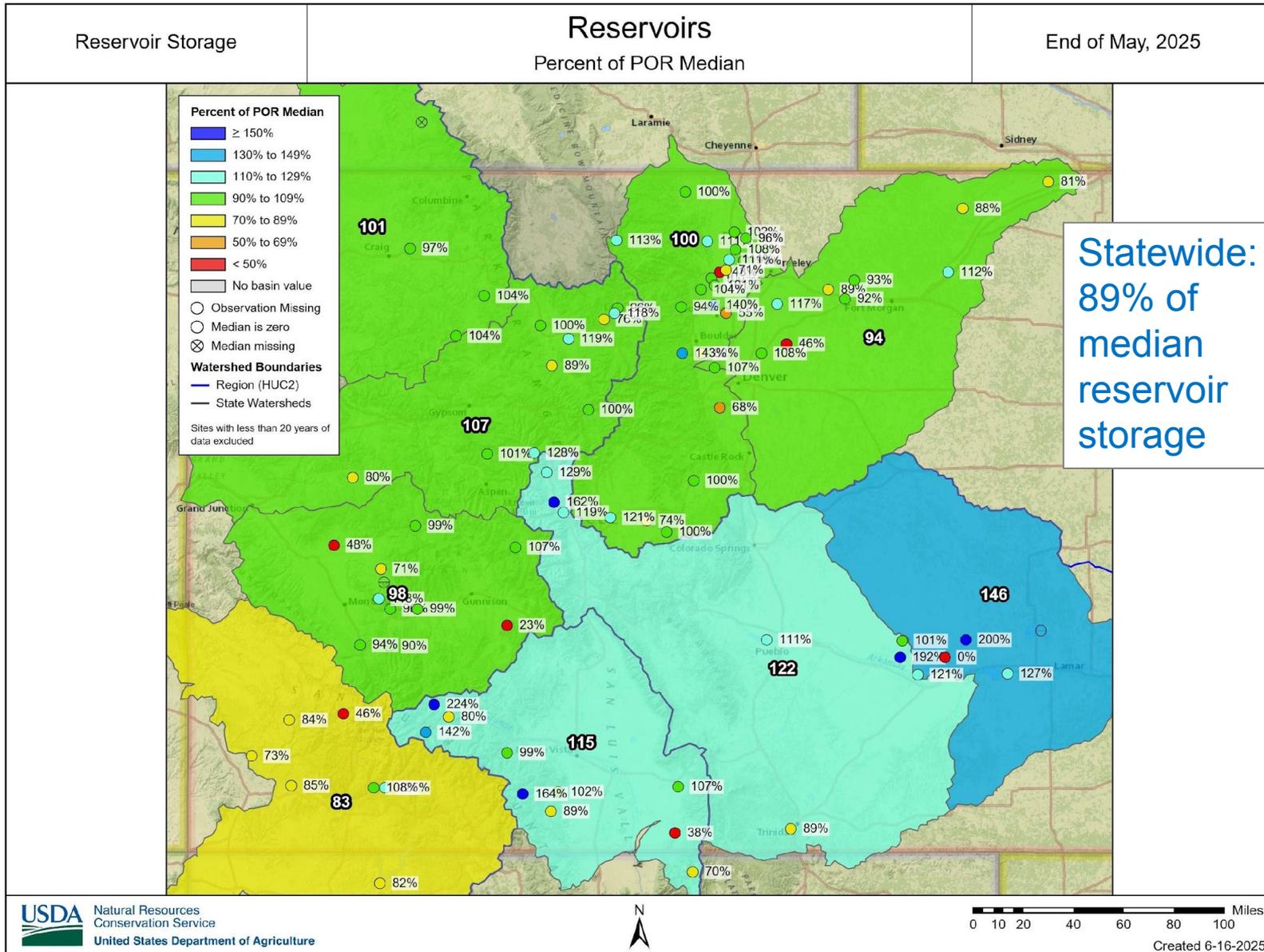


United States Department of Agriculture

Colorado Snow Surveys

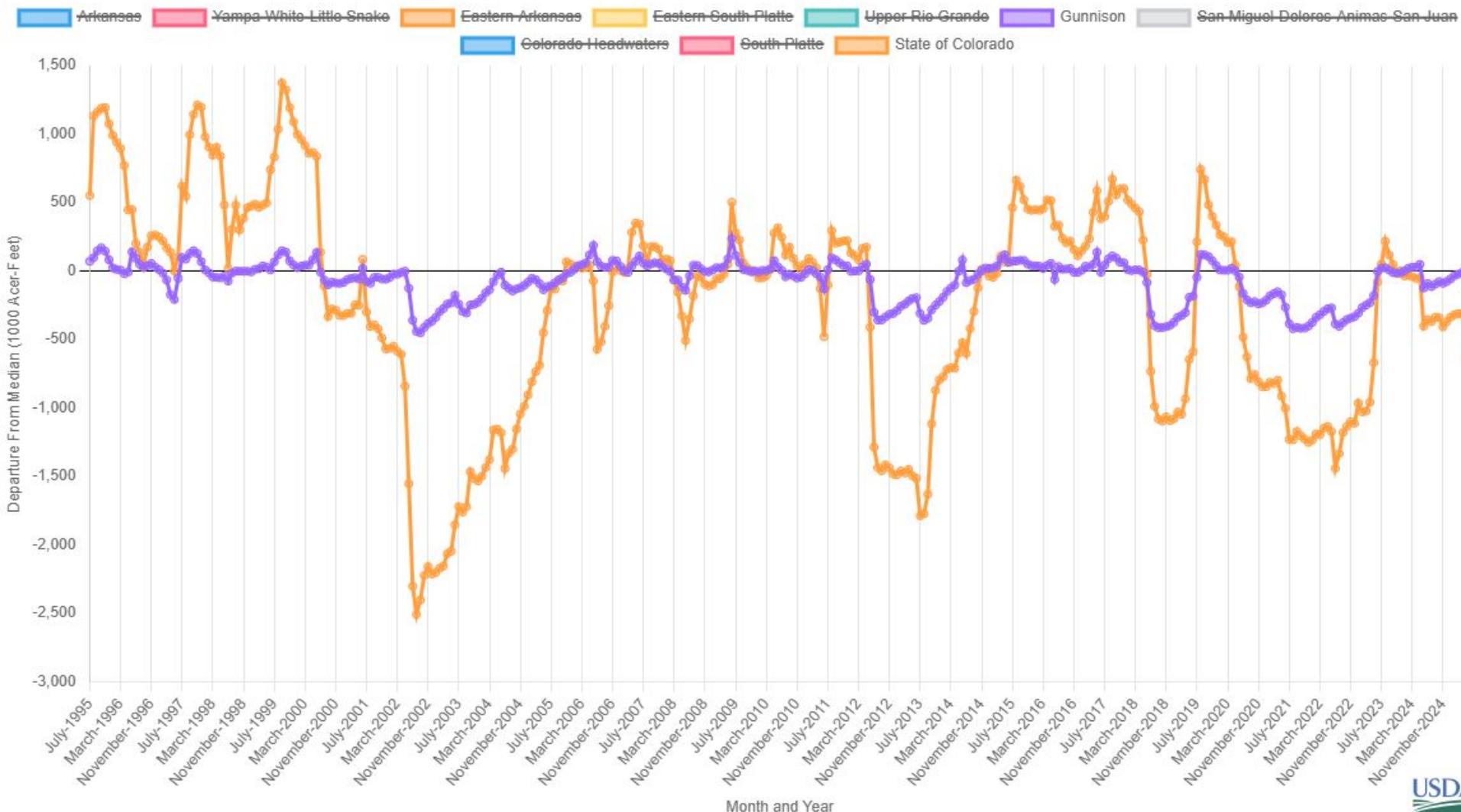
Reservoirs





Colorado Statewide Reservoir Storage

Colorado Departure From Median Timeseries Plot





United States Department of Agriculture

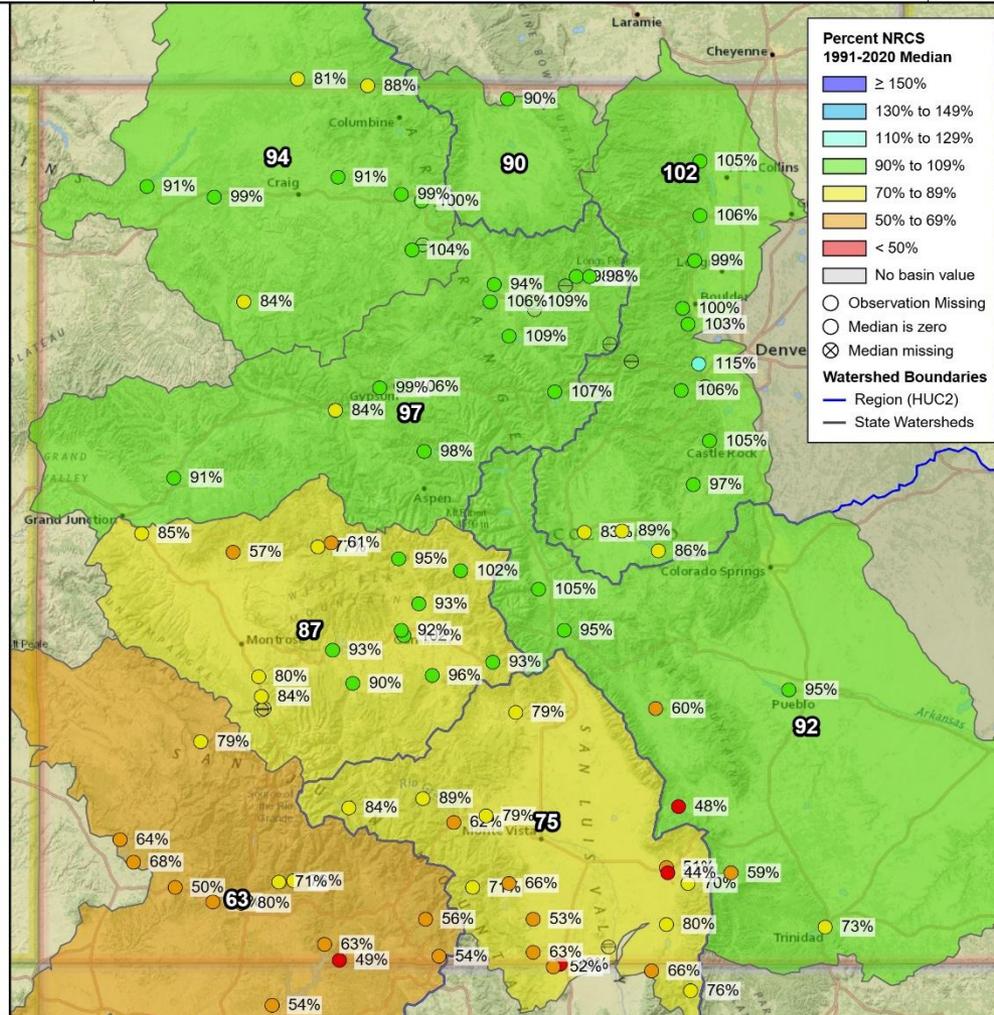
Colorado Snow Surveys

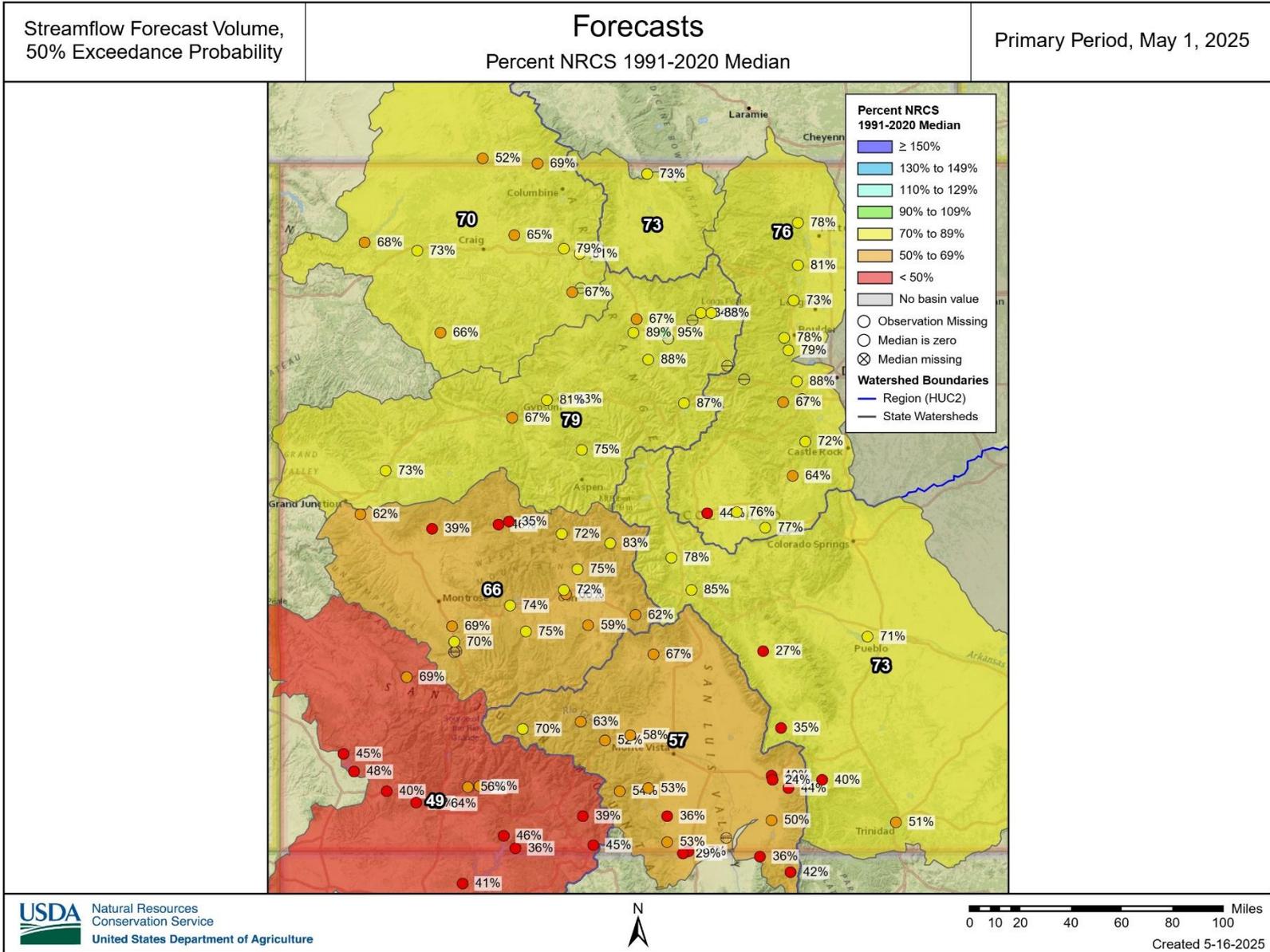
Streamflow Forecasts

Streamflow Forecast Volume,
50% Exceedance Probability

Colorado Mar 1 Fcsts Percent NRCS 1991-2020 Median

Primary Period, March 1, 2025





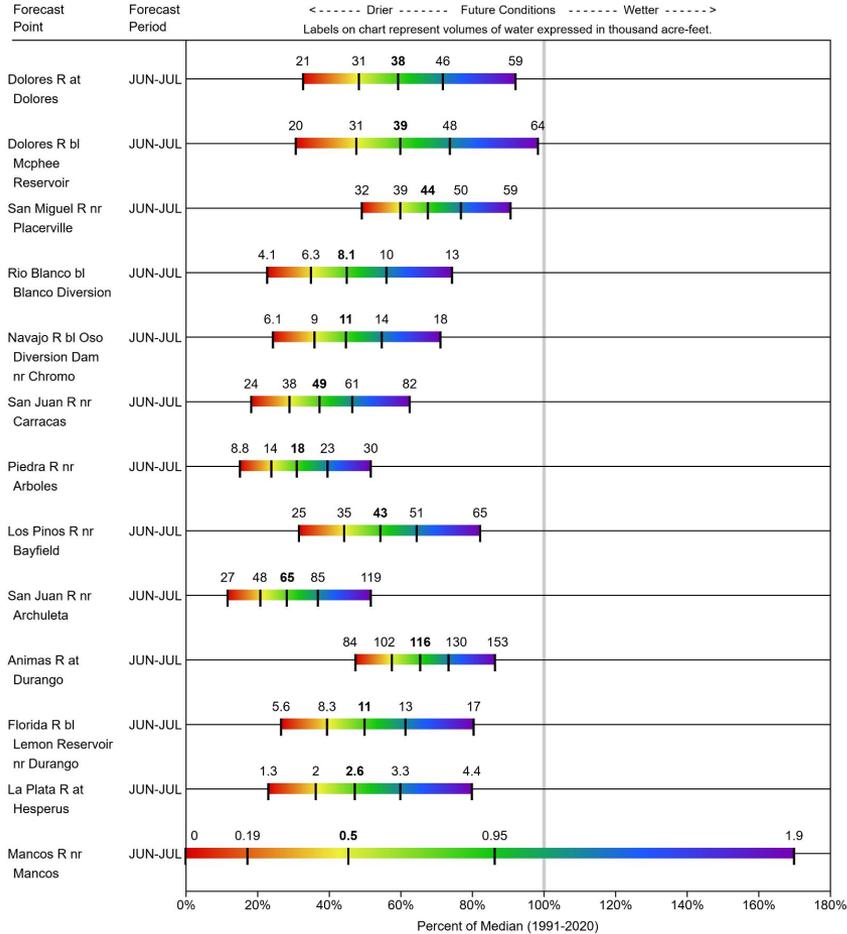


SAN MIGUEL-DOLORES-ANIMAS-SAN JUAN

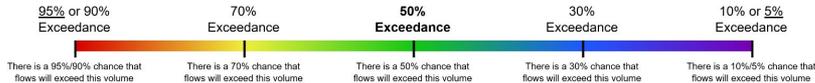
Water Supply Forecasts

June 1, 2025

Forecast Exceedance Probabilities



Legend



When selected, the following historic streamflow values and statistics will be shown.

■ *Period of Record Minimum Streamflow KAF (Year)*
 ■ *1991-2020 Normal Streamflow KAF*
 ■ *Observed Streamflow KAF*
 ■ *Period of Record Maximum Streamflow KAF (Year)*

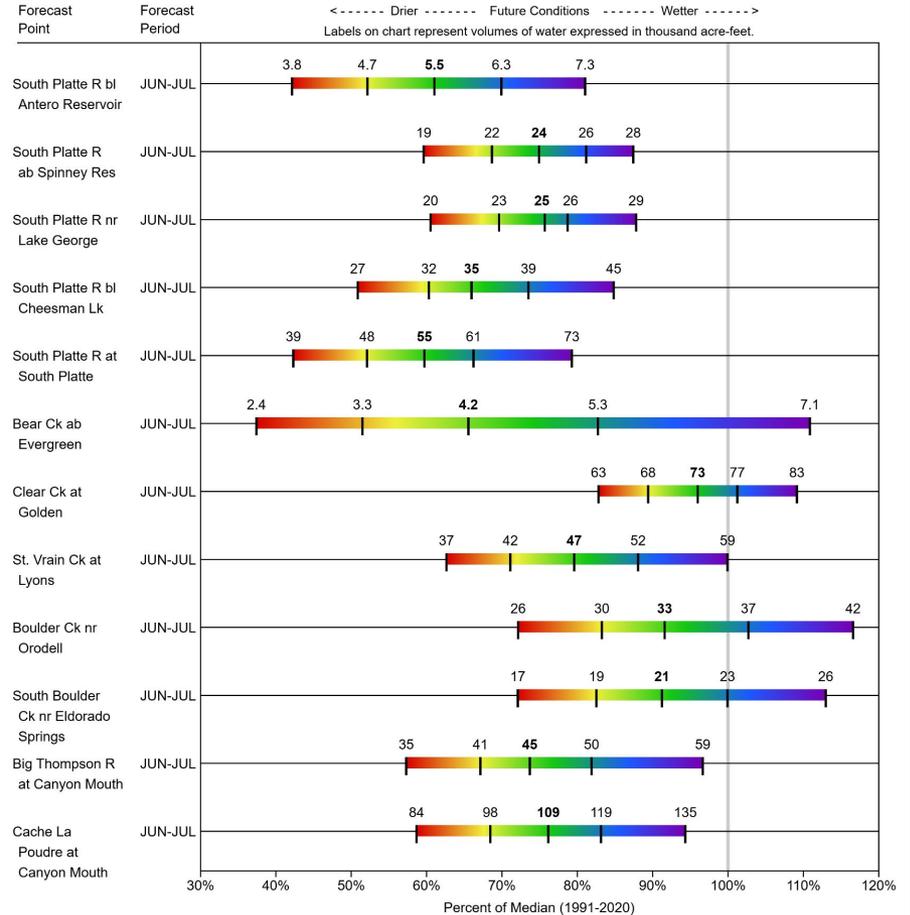
Some forecasts may be for volumes that are regulated or influenced by diversions and water management.

SOUTH PLATTE

Water Supply Forecasts

June 1, 2025

Forecast Exceedance Probabilities



Legend



When selected, the following historic streamflow values and statistics will be shown.

■ *Period of Record Minimum Streamflow KAF (Year)*
 ■ *1991-2020 Normal Streamflow KAF*
 ■ *Observed Streamflow KAF*
 ■ *Period of Record Maximum Streamflow KAF (Year)*

Some forecasts may be for volumes that are regulated or influenced by diversions and water management.

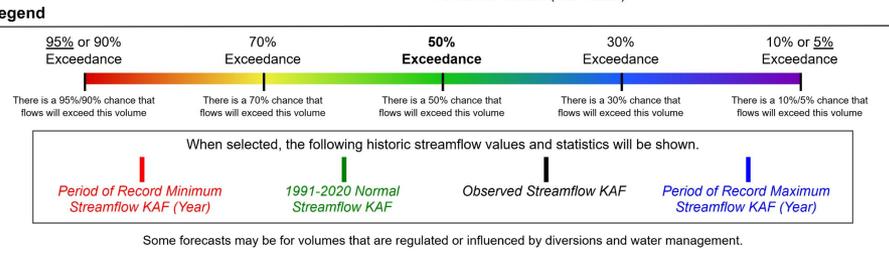
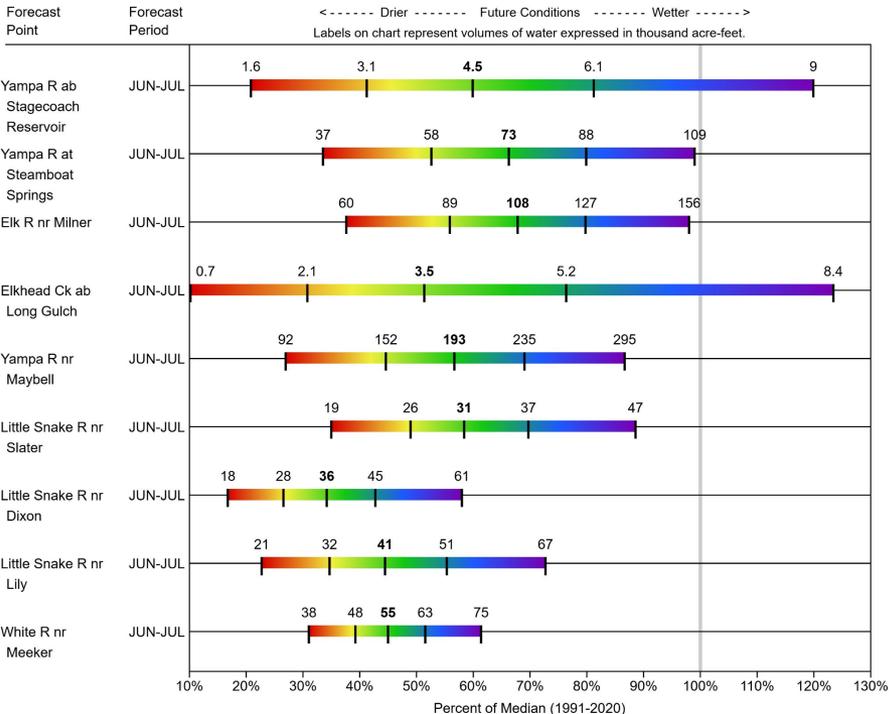


YAMPA-WHITE-LITTLE SNAKE

Water Supply Forecasts

June 1, 2025

Forecast Exceedance Probabilities

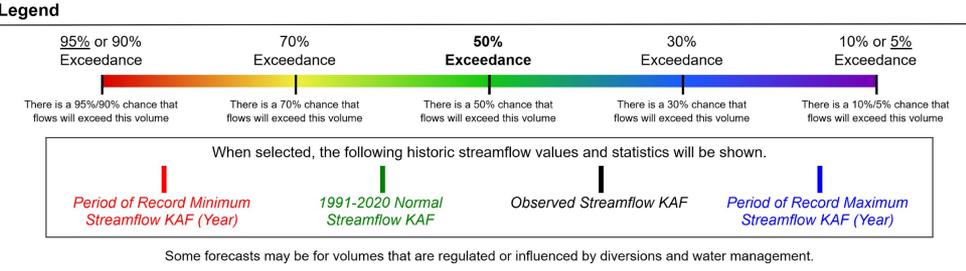
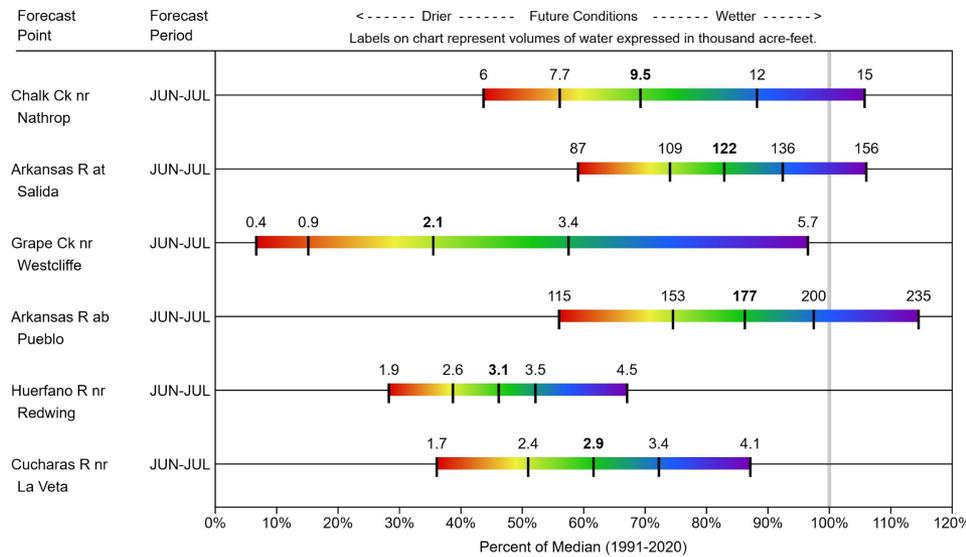


ARKANSAS

Water Supply Forecasts

June 1, 2025

Forecast Exceedance Probabilities





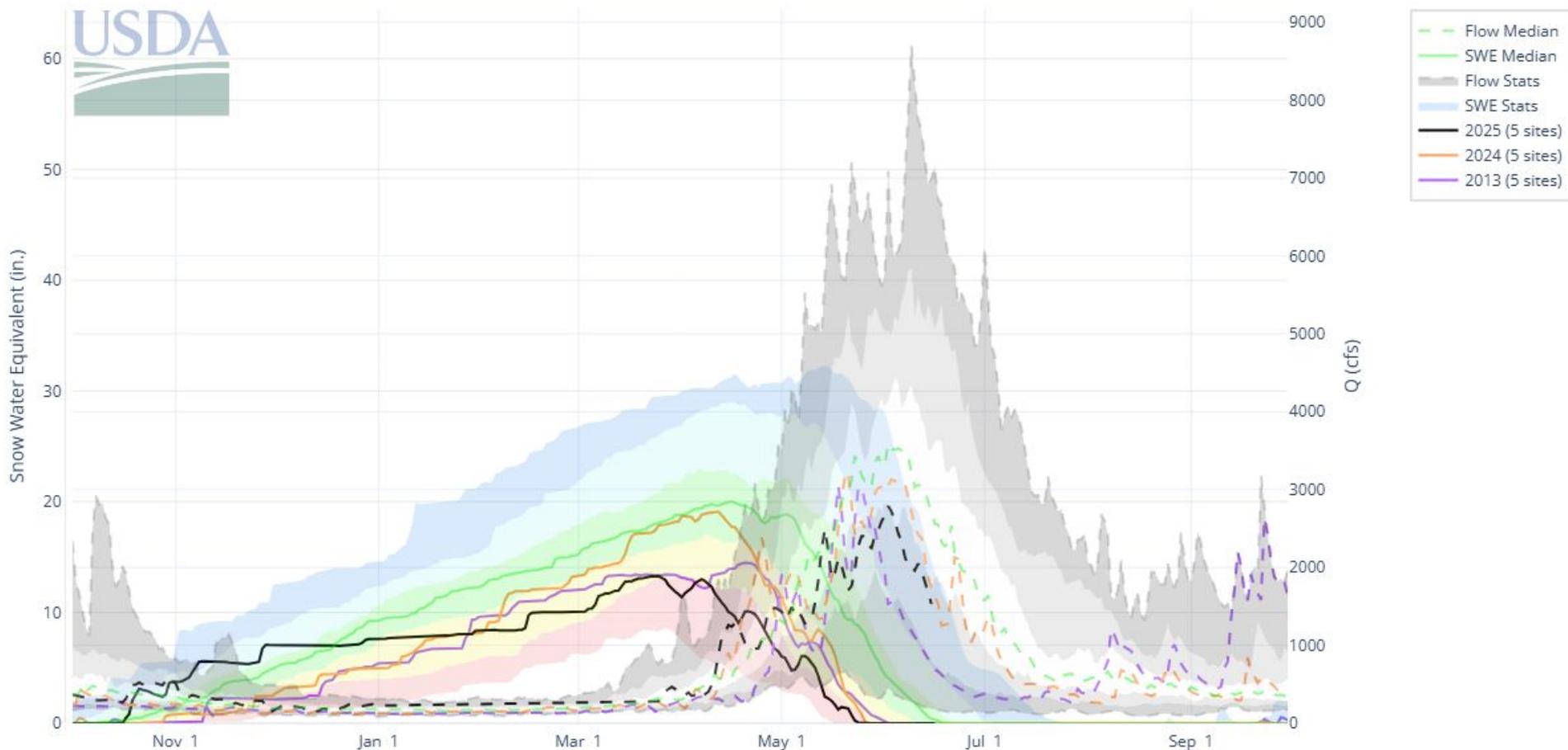
United States Department of Agriculture

Colorado Snow Surveys

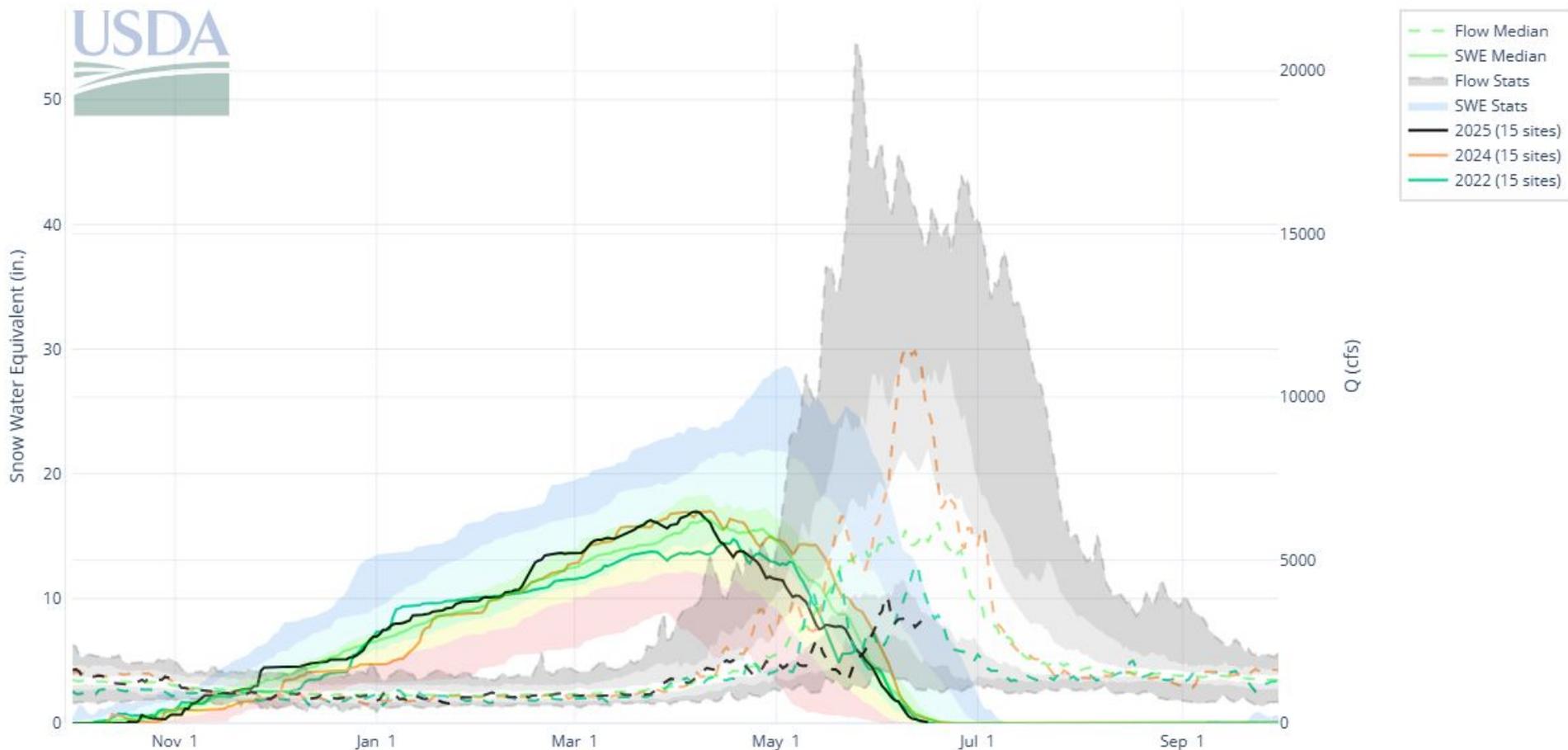
Snow to Runoff Relationships



Rio Grande nr Del Norte Snow to Flow Plot



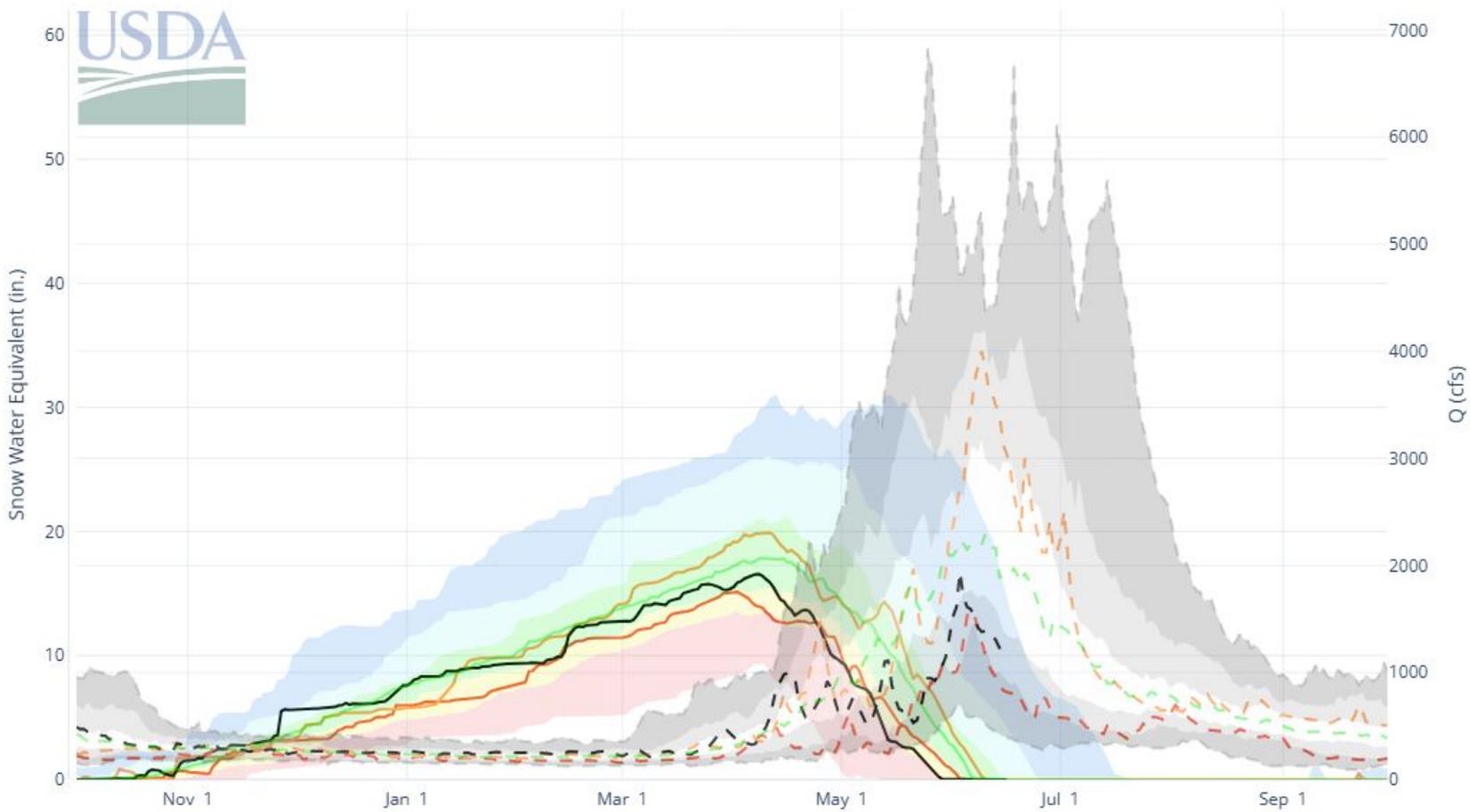
Colorado R nr Dotsero Snow to Flow Plot



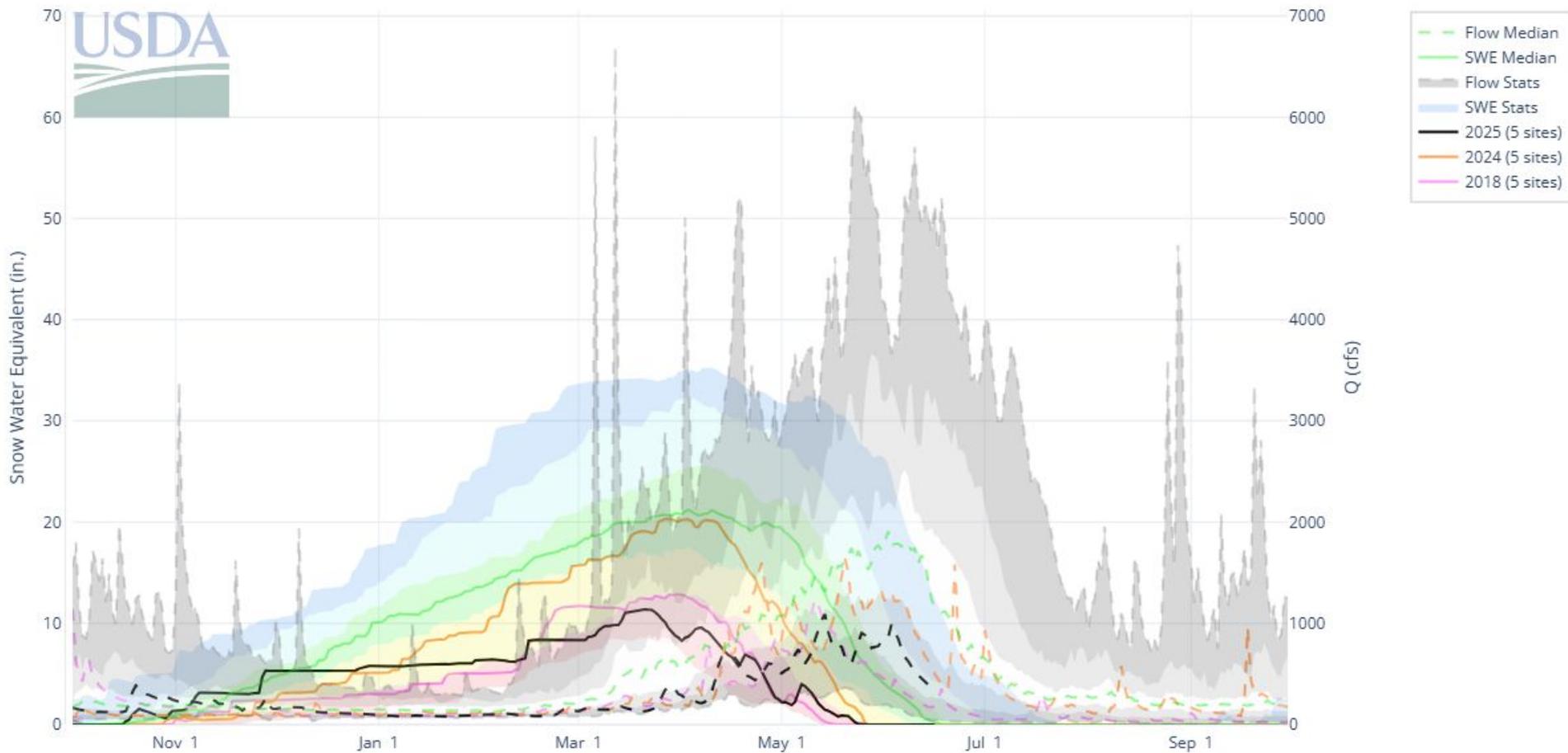
Gunnison R Near Gunnison Snow to Flow Plot



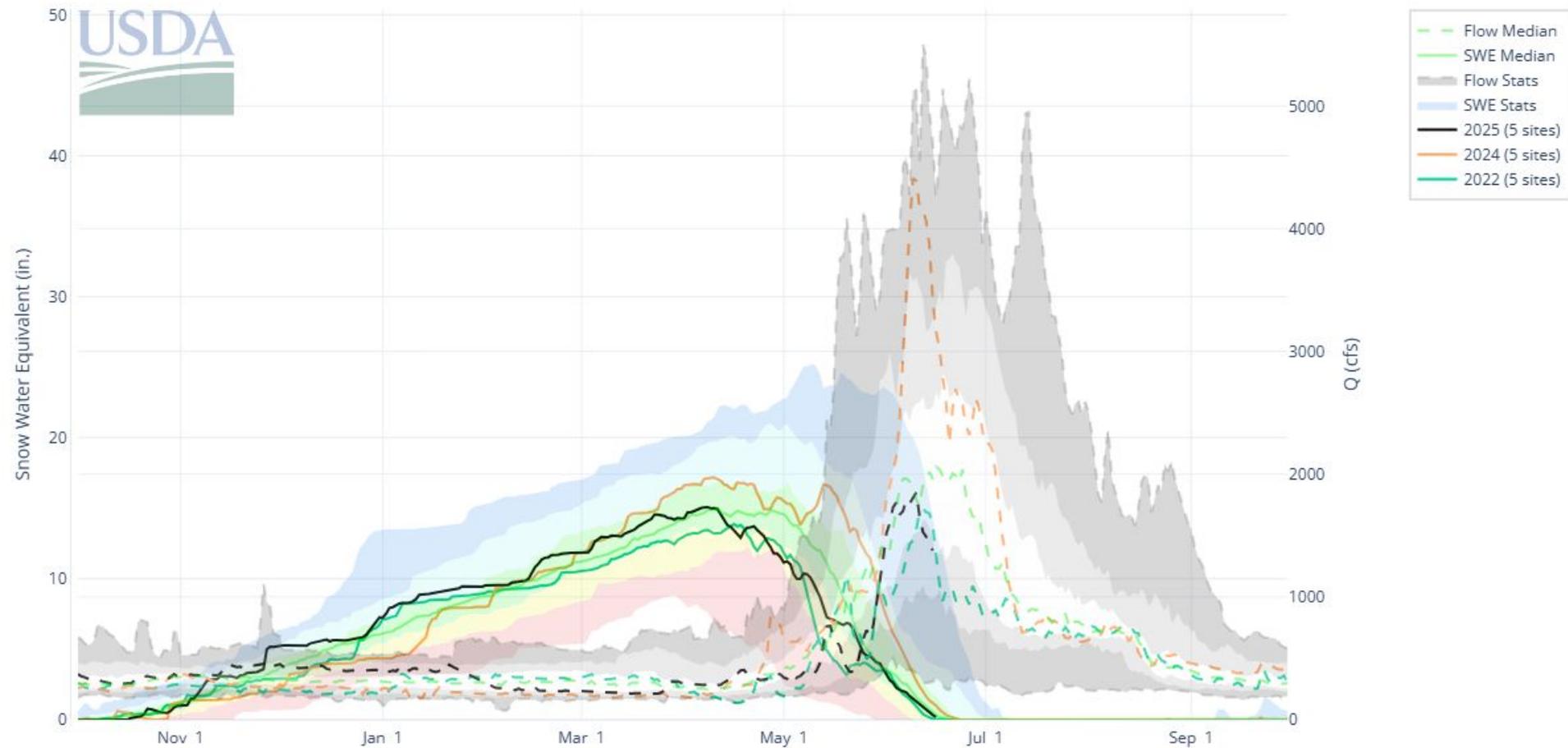
- Flow Median
- SWE Median
- █ Flow Stats
- █ SWE Stats
- 2025 (4 sites)
- 2024 (4 sites)
- 2021 (4 sites)



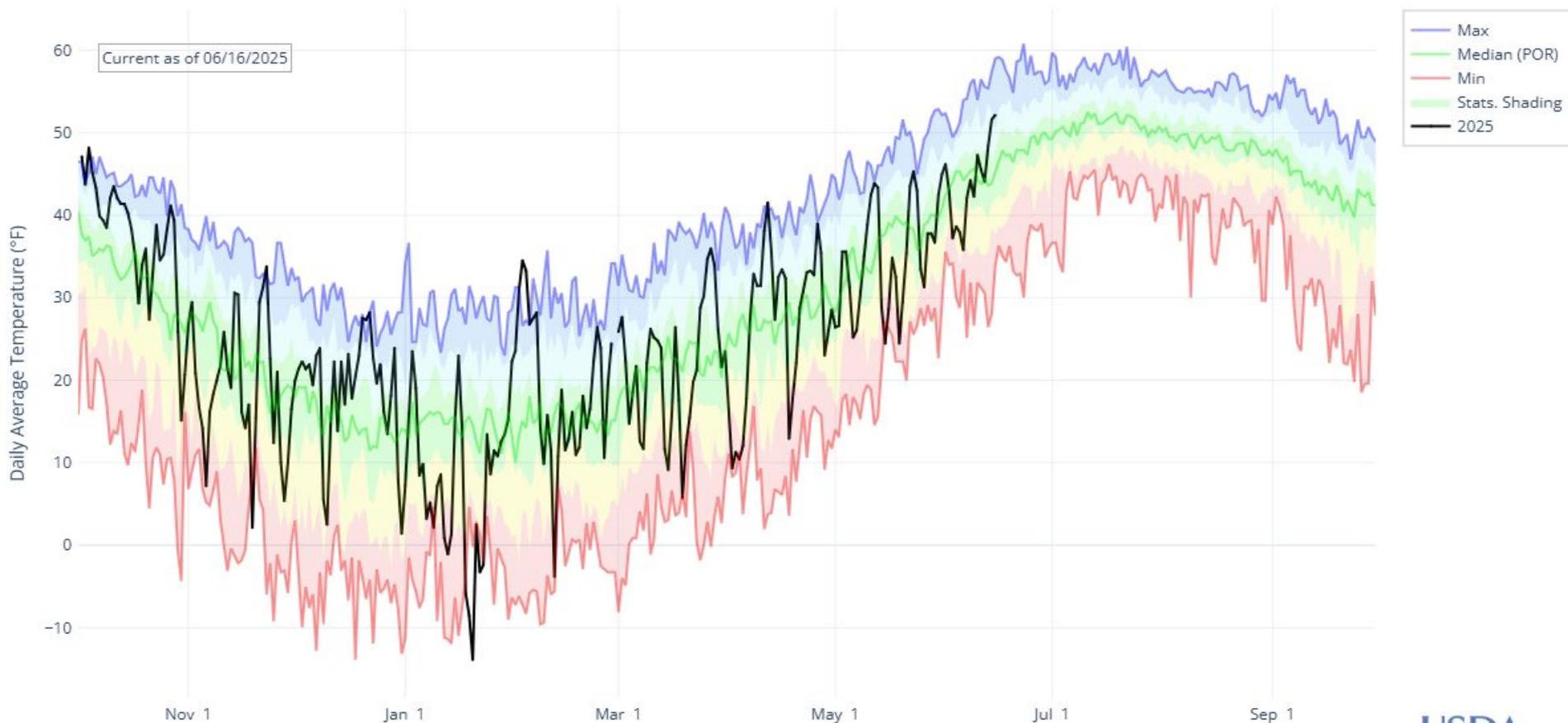
San Juan R nr Carracas Snow to Flow Plot



Arkansas R at Salida Snow to Flow Plot



LOVELAND BASIN, CO (602) DAILY AVERAGE TEMPERATURE



Summary

- Snowpack is mostly melted away at this point
- Five sites have snow remaining on them, including sites outside of CO
- Most stream gauges are observing receding flows with hydrographs peaked (due to snowmelt) in most locations

- Statewide mountain year-to-date (YTD) precipitation is 87% of median
 - May Precipitation was 104% of median
 - YTD Precipitation accumulation is rather consistent across the state
 - Accumulation difference exist month to month

- Statewide reservoir storage is at 89% of median
 - Down 3% from last month

- Streamflow forecasts generated June 1 are mostly well below normal
 - A limited number of forecasts are near normal with a few being simply below normal
 - Water supply outlooks indicated generally well below normal runoff



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