



United States Department of Agriculture

Colorado Snow Surveys

Water Conditions Monitoring Committee Meeting

June 17th, 2025

NRCS Snow Survey and Water Supply Forecasting Program

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720-544-2853

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

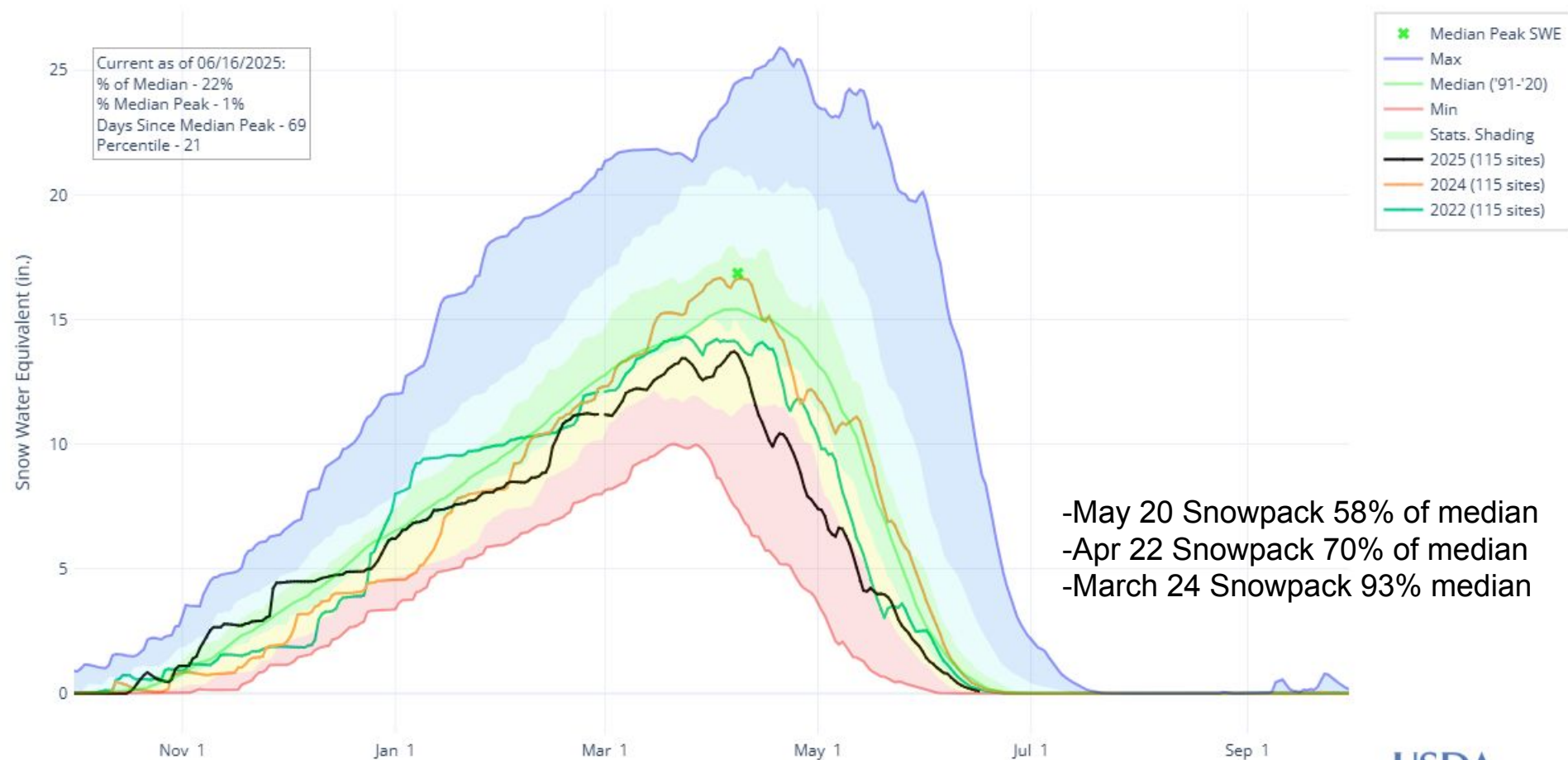


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Snowpack

SNOW WATER EQUIVALENT IN STATE OF COLORADO

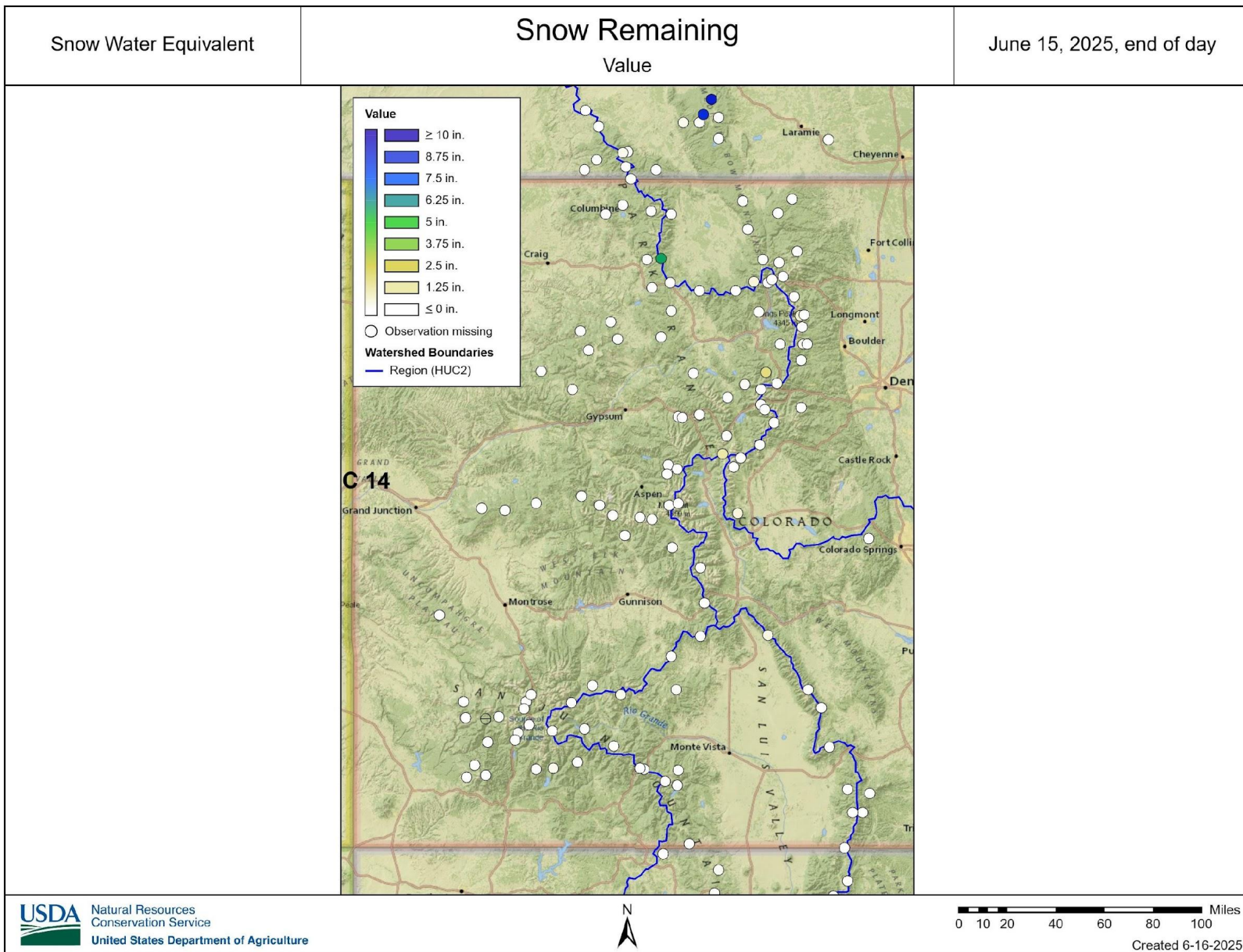




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Snowpack Remaining as of
Today

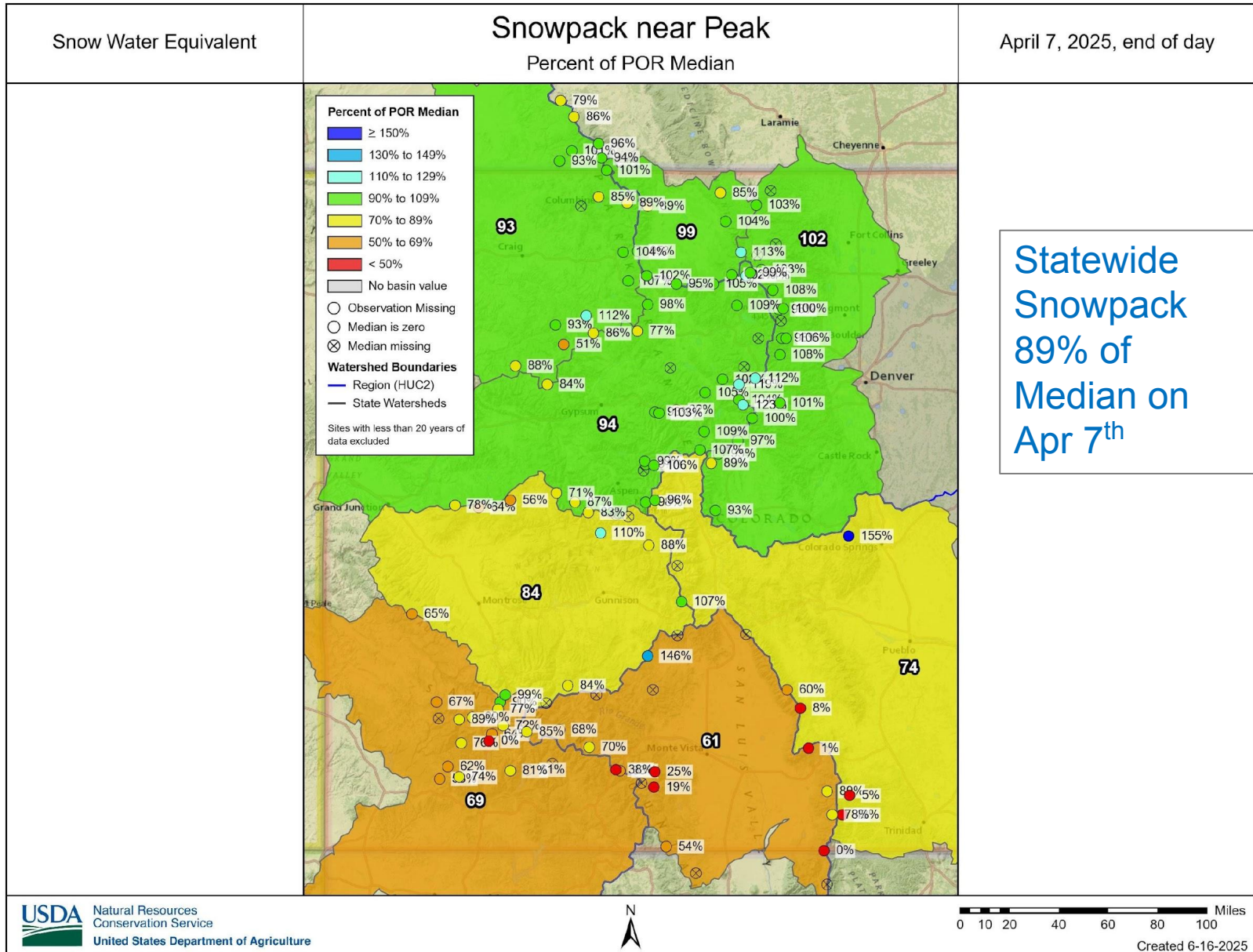




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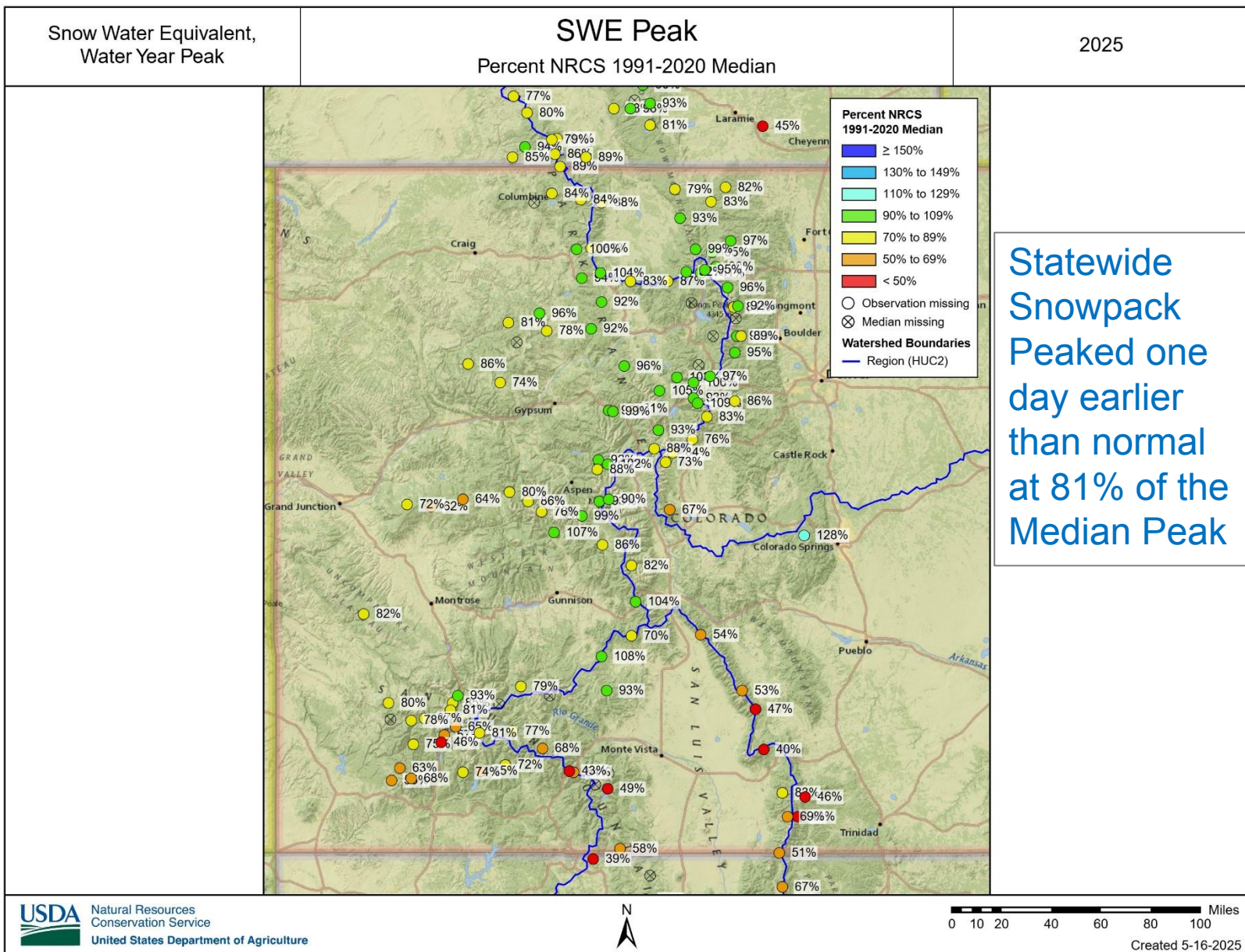
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Snowpack as of Apr 7th





Snowpack as Percent of Median Peak



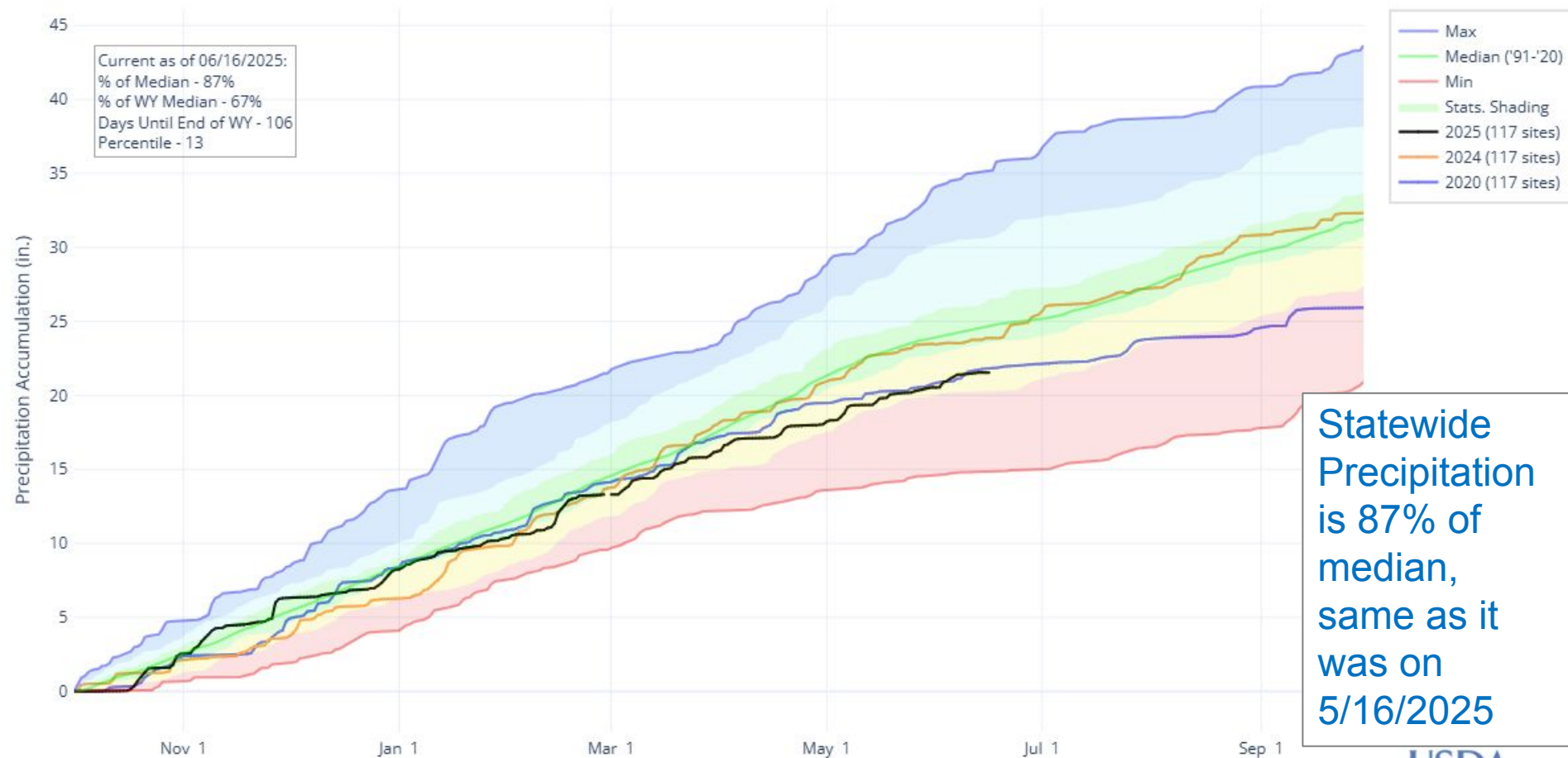


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Precipitation

PRECIPITATION ACCUMULATION IN STATE OF COLORADO



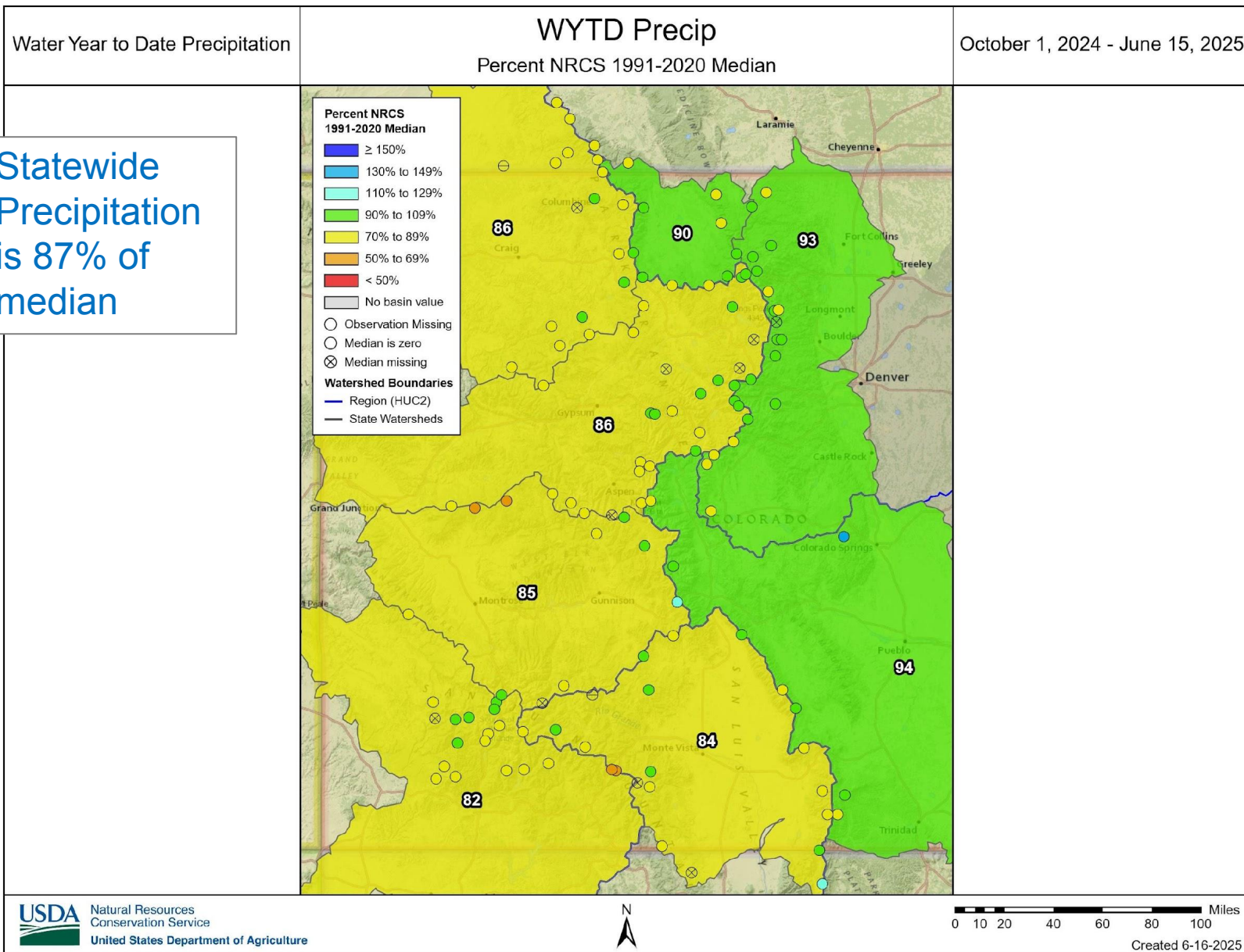


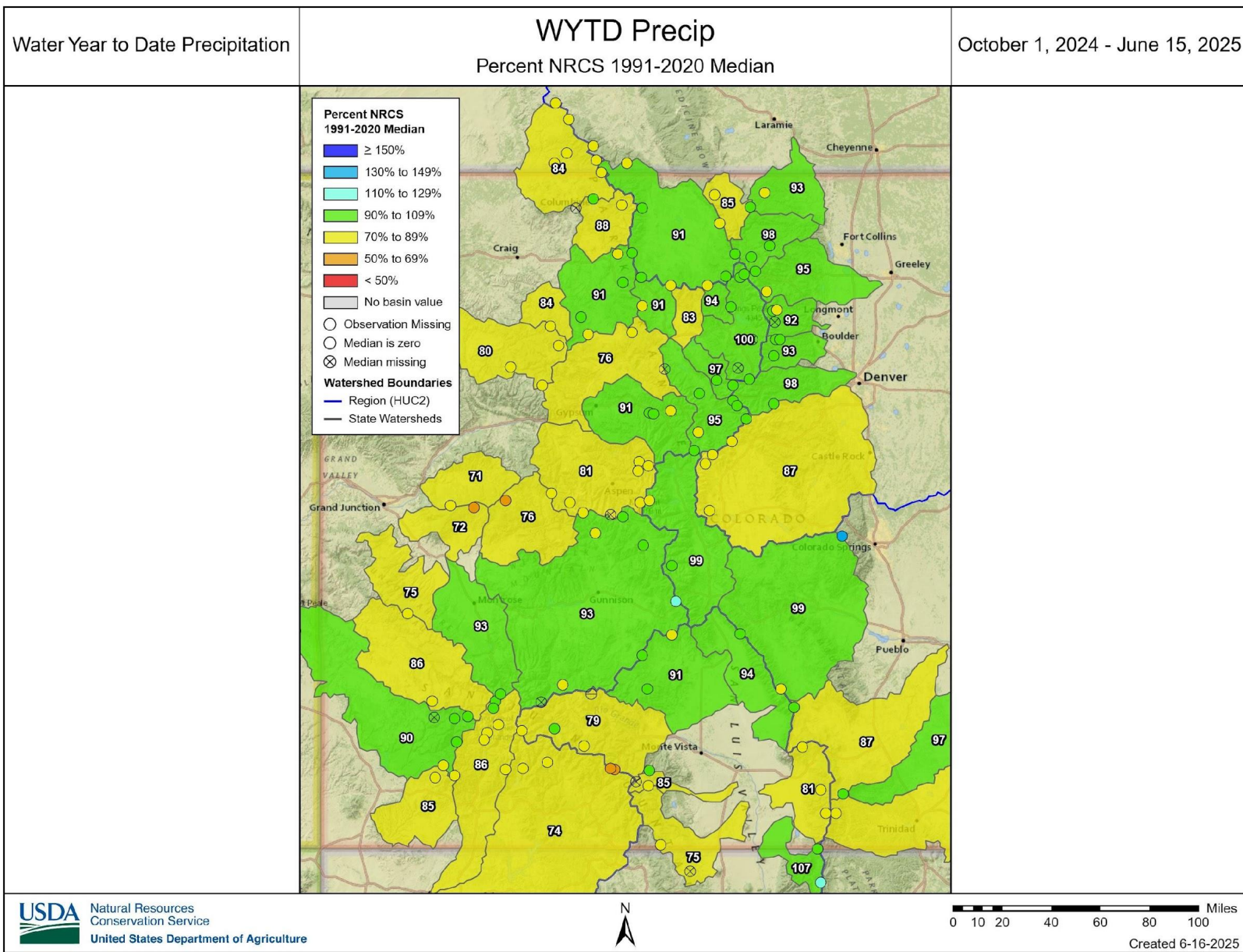
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WY25 Precipitation to Date

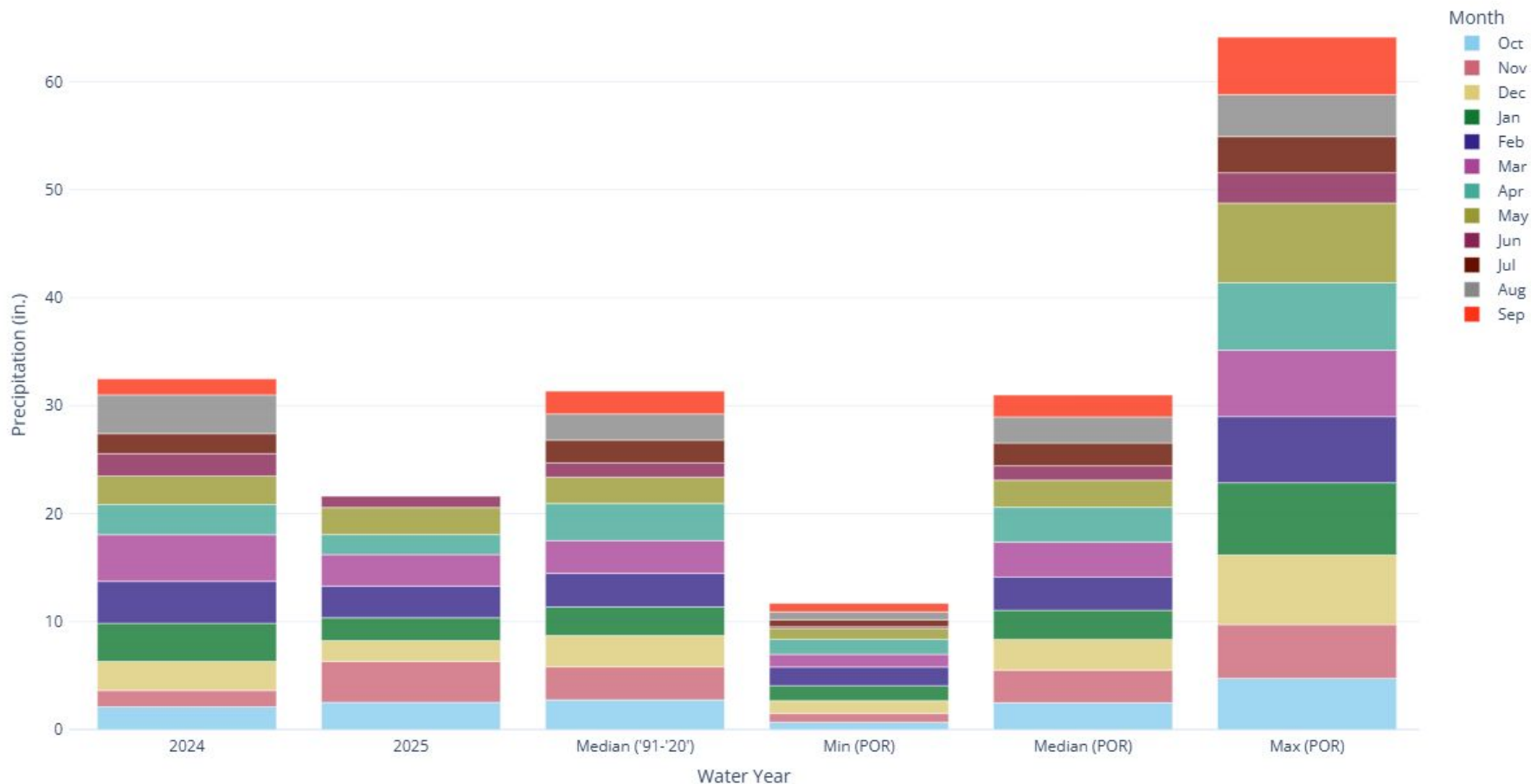
Statewide
Precipitation
is 87% of
median







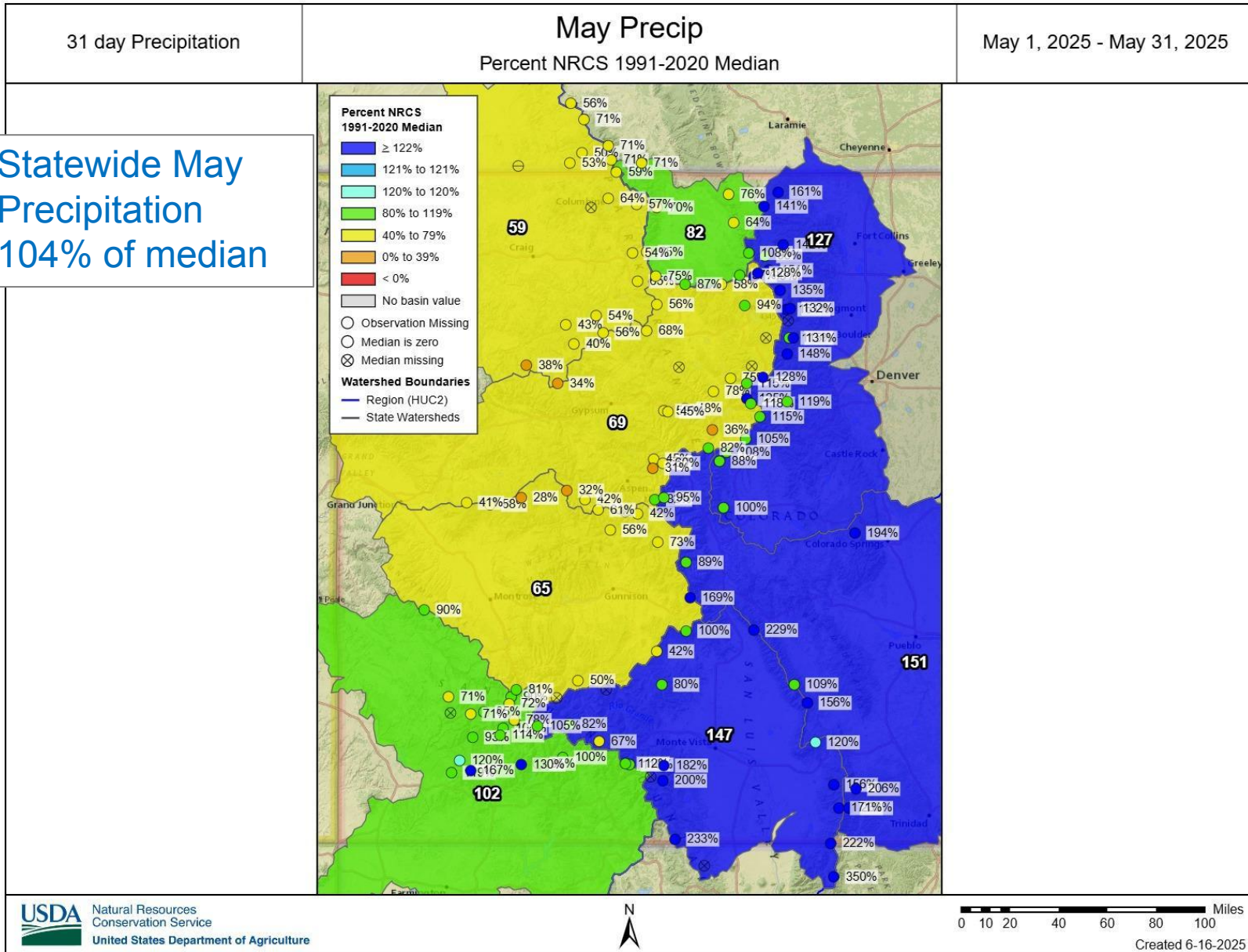
STATE OF COLORADO MONTHLY PRECIPITATION SUMMARY





May Precipitation

Statewide May
Precipitation
104% of median

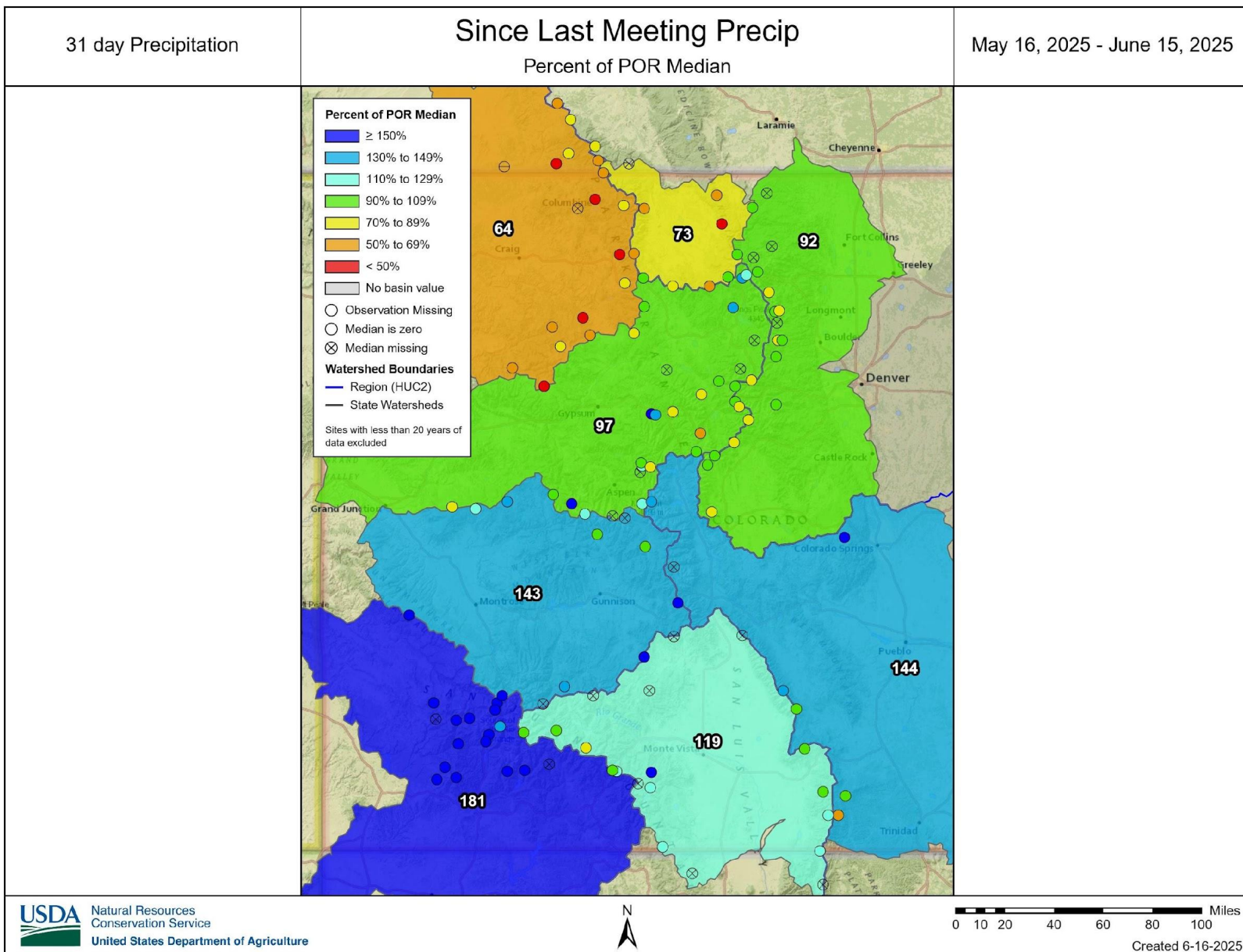




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Precipitation Accumulation Since Last Meeting

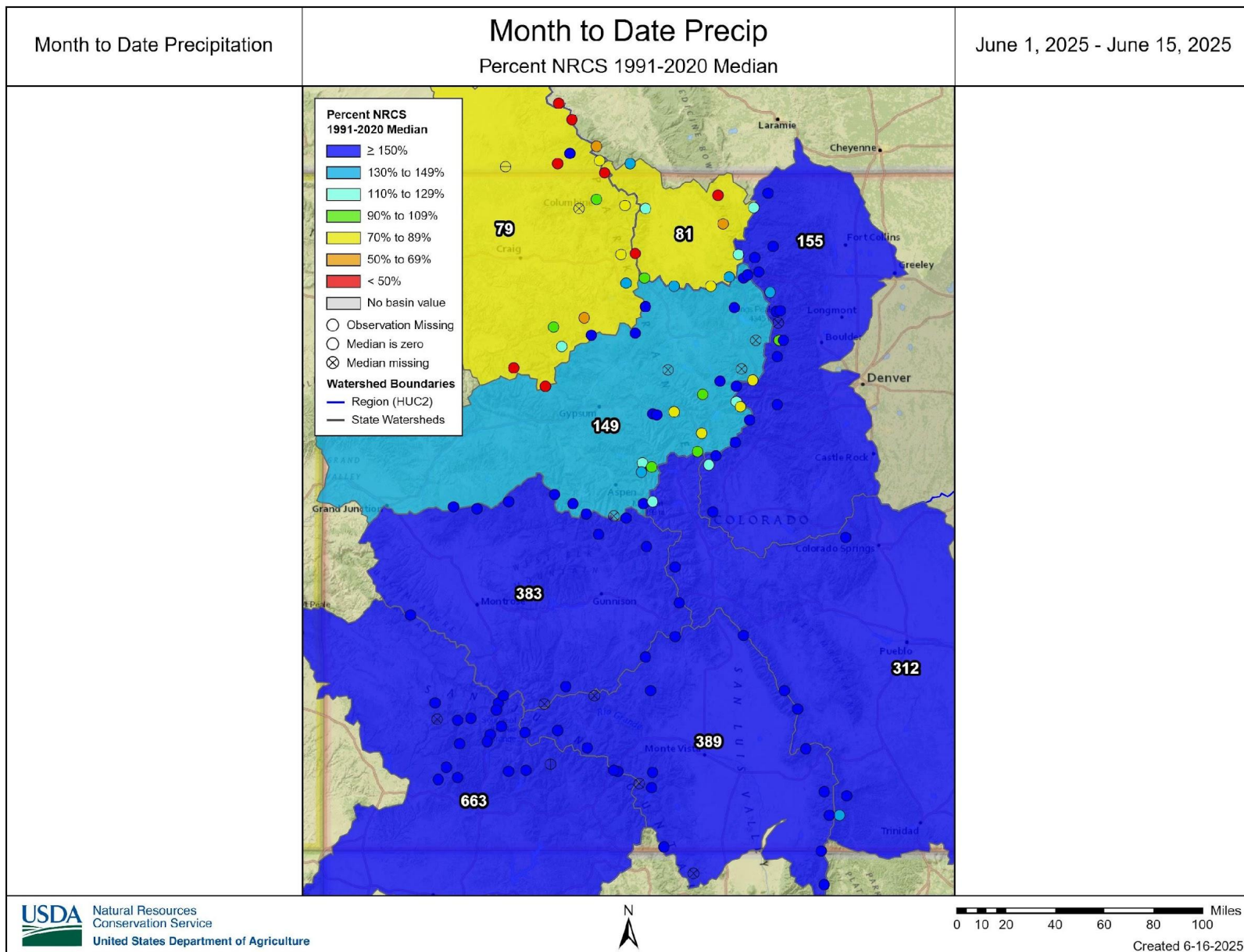




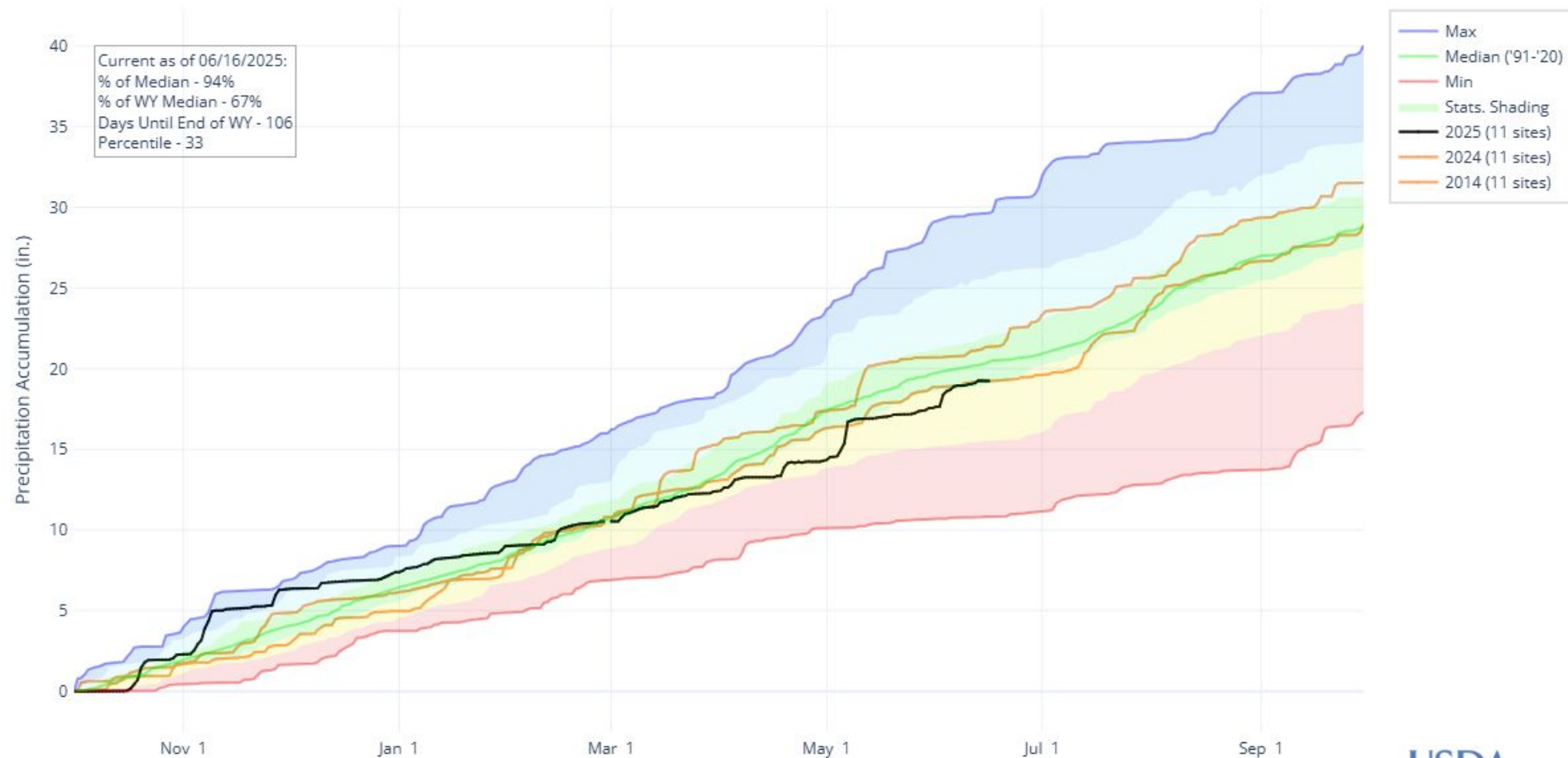
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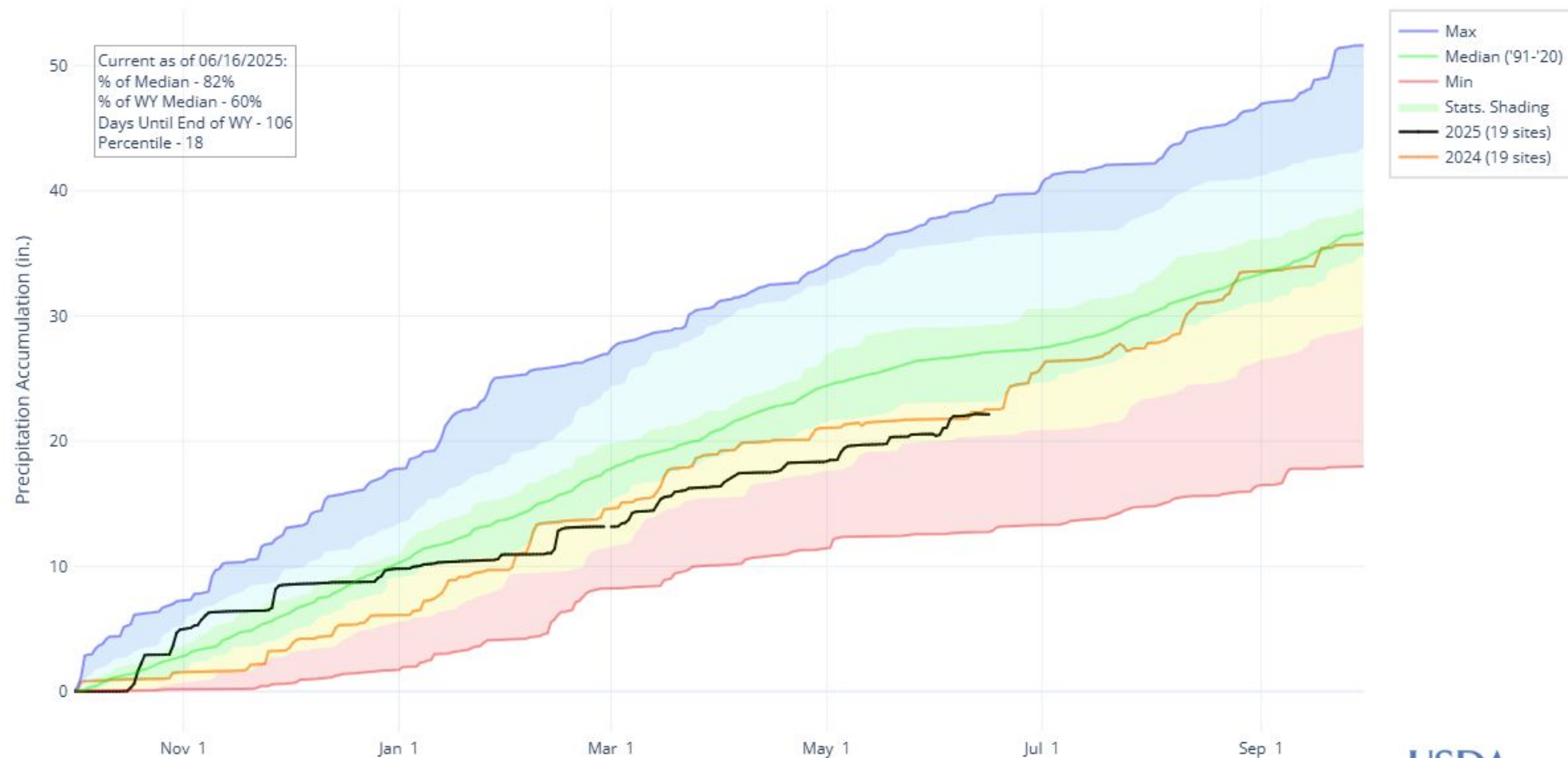
June Precipitation Accumulation to Date



PRECIPITATION ACCUMULATION IN ARKANSAS



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

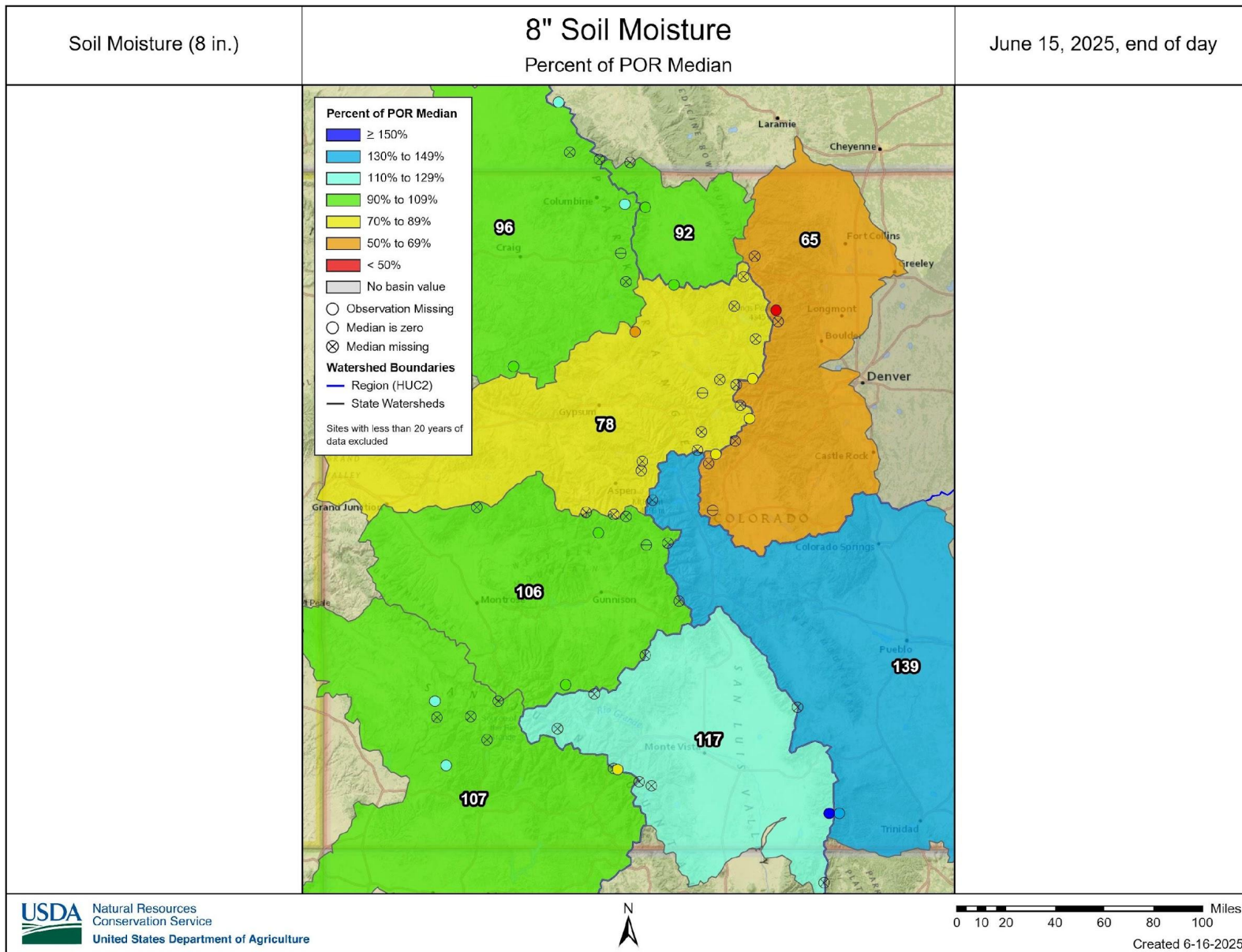


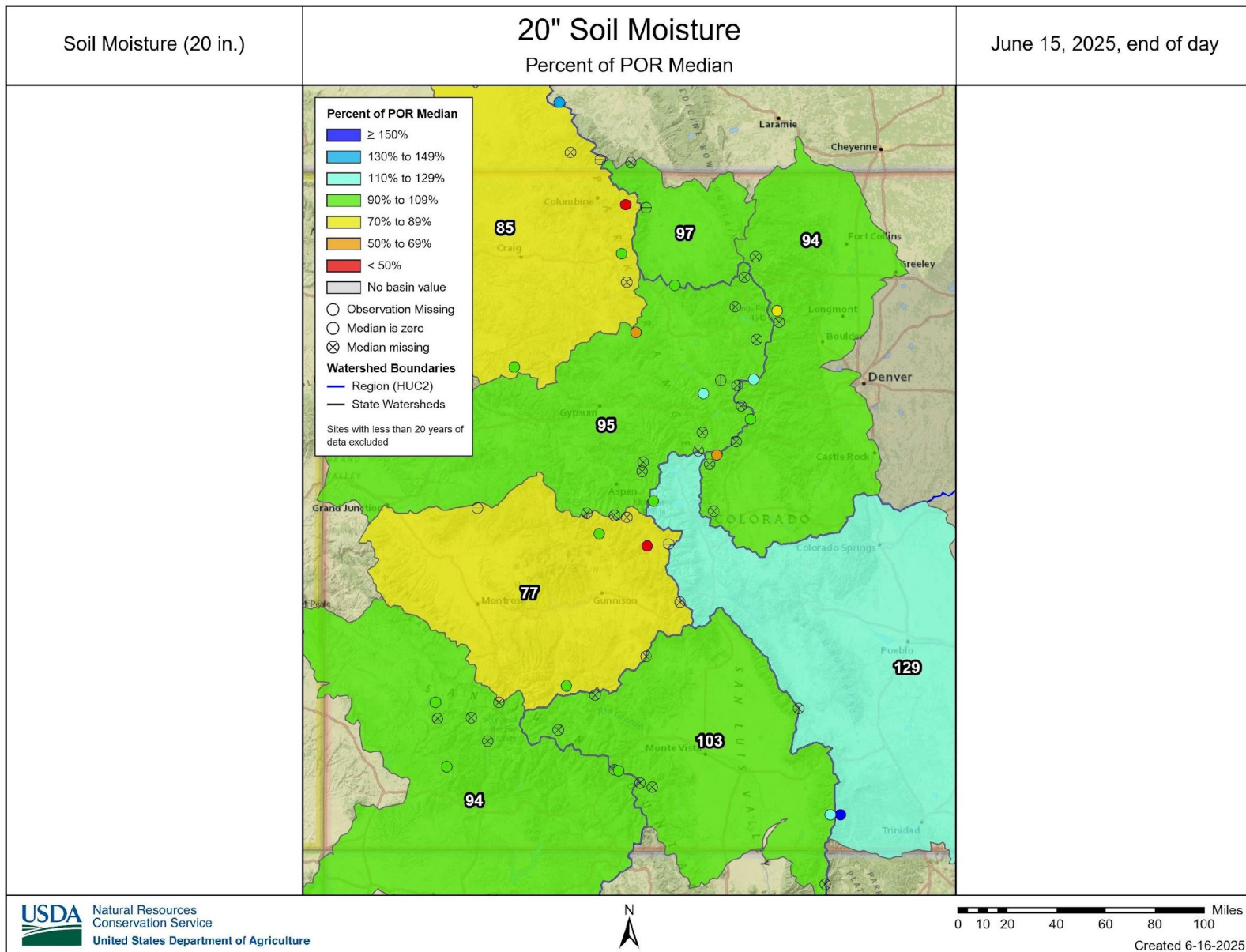


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Soil Moisture



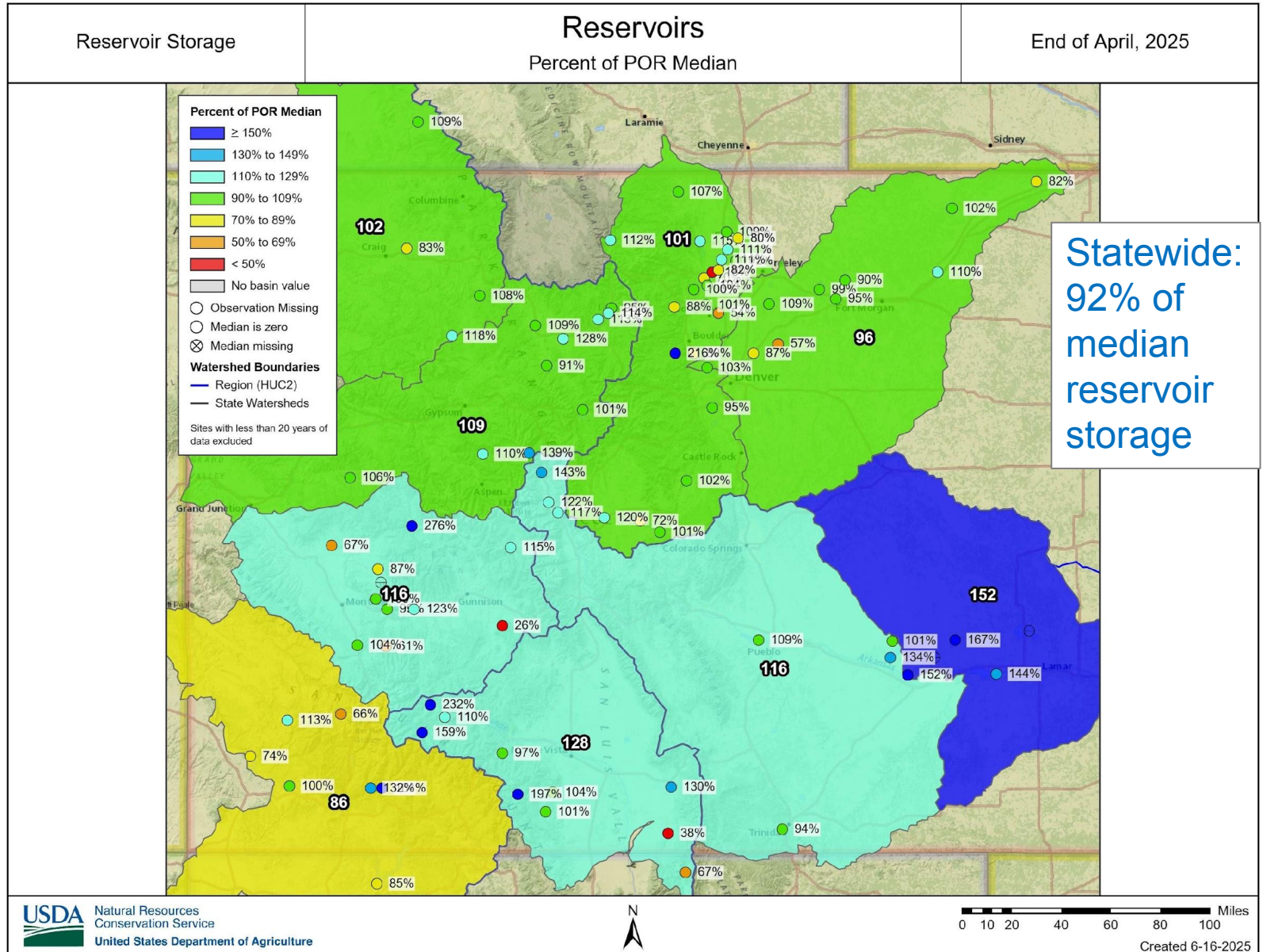




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Reservoirs

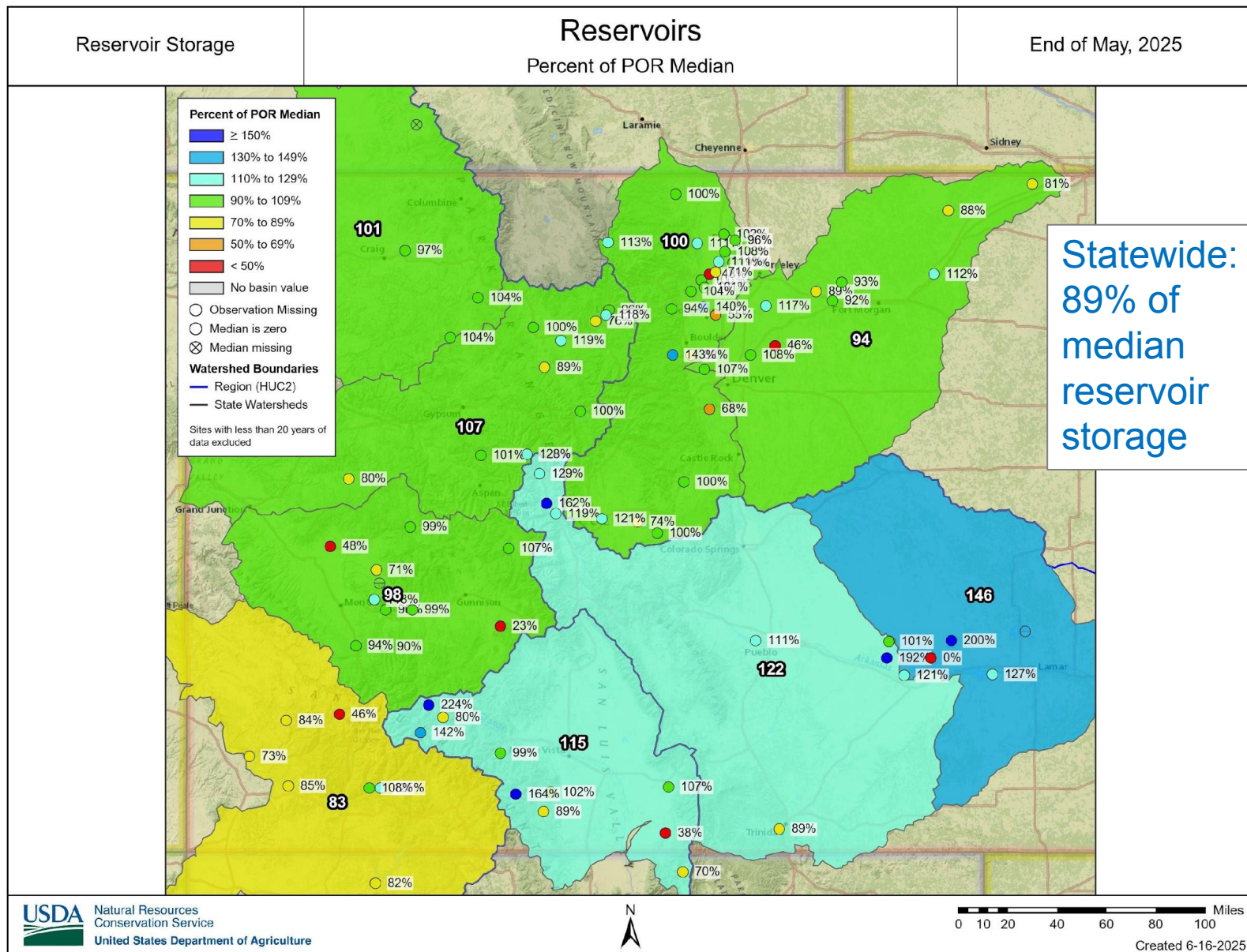




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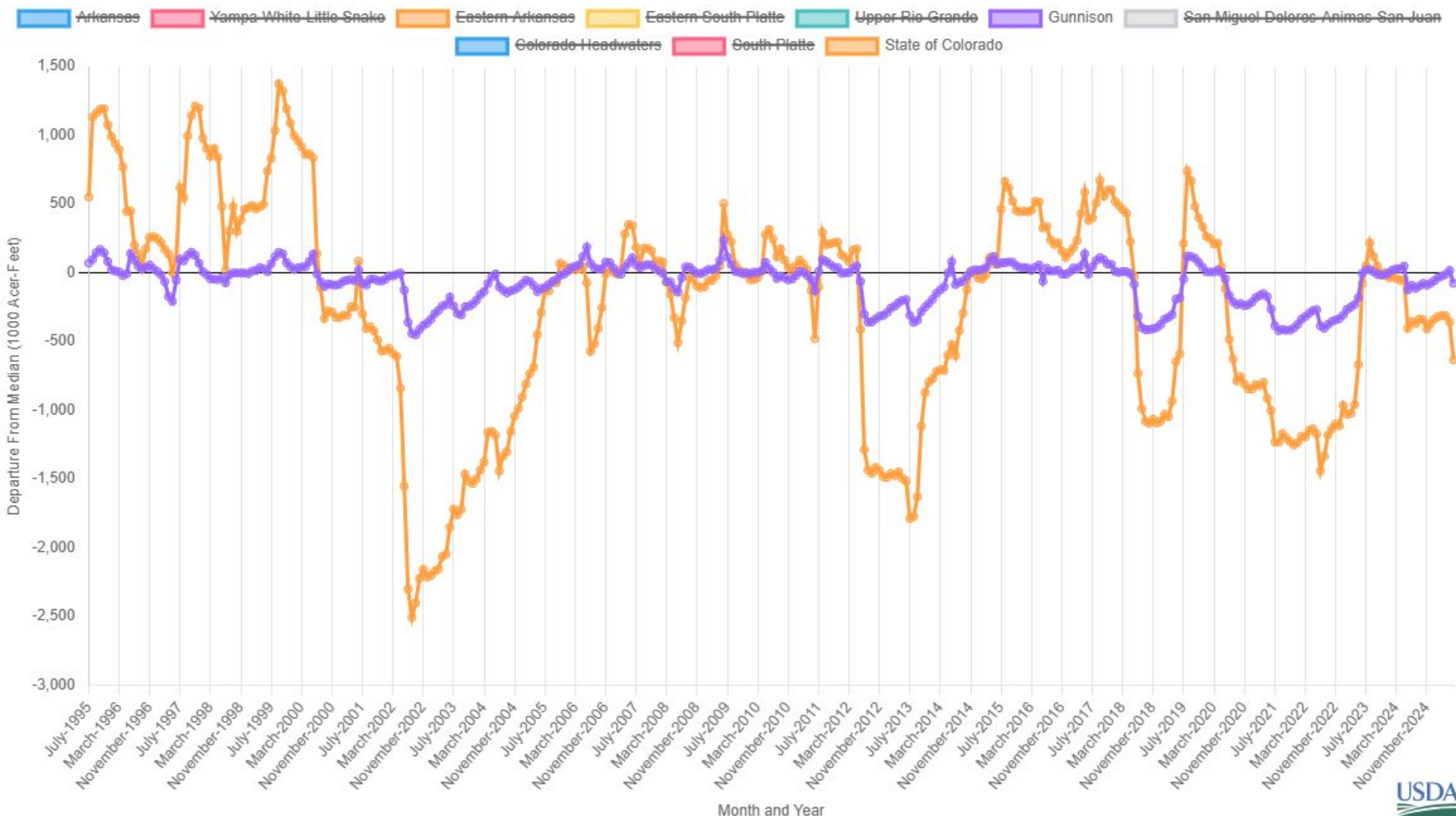
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Statewide Reservoir Storage June 1



Colorado Statewide Reservoir Storage

Colorado Departure From Median Timeseries Plot





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Streamflow Forecasts



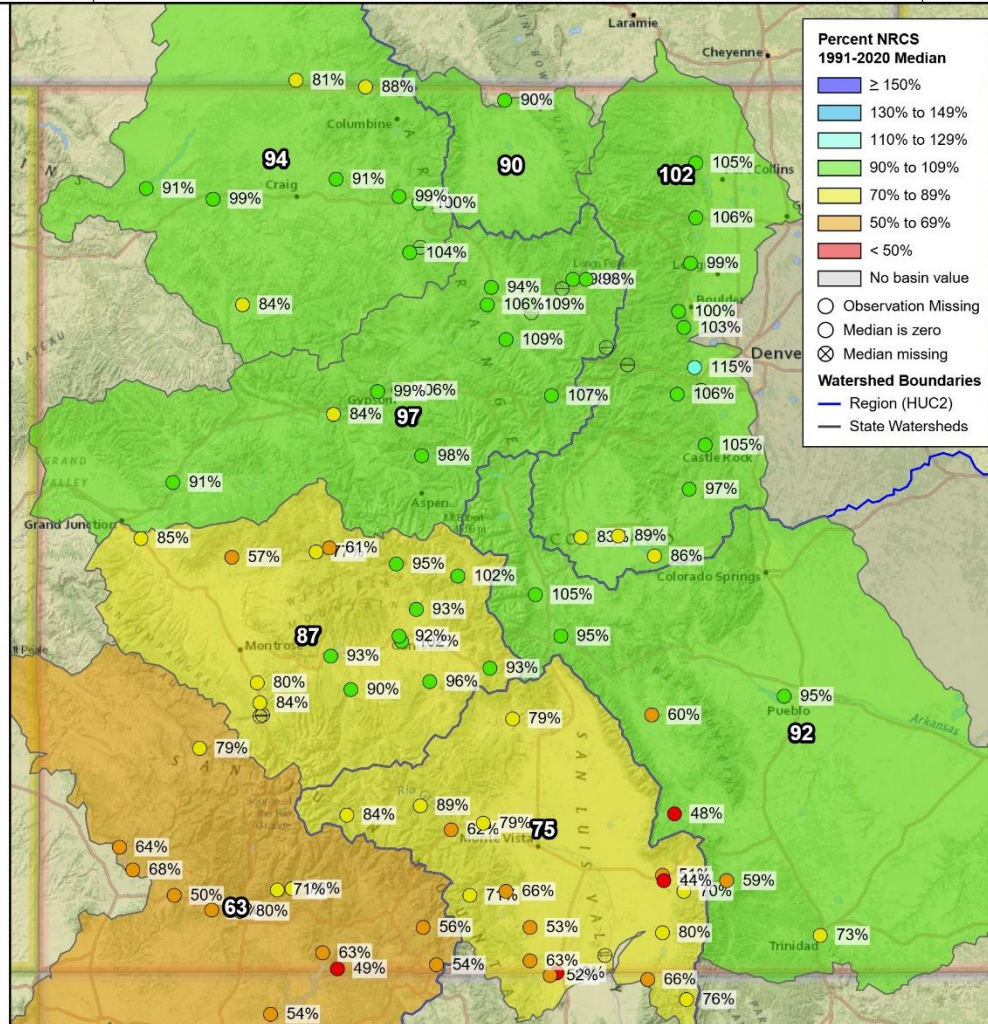
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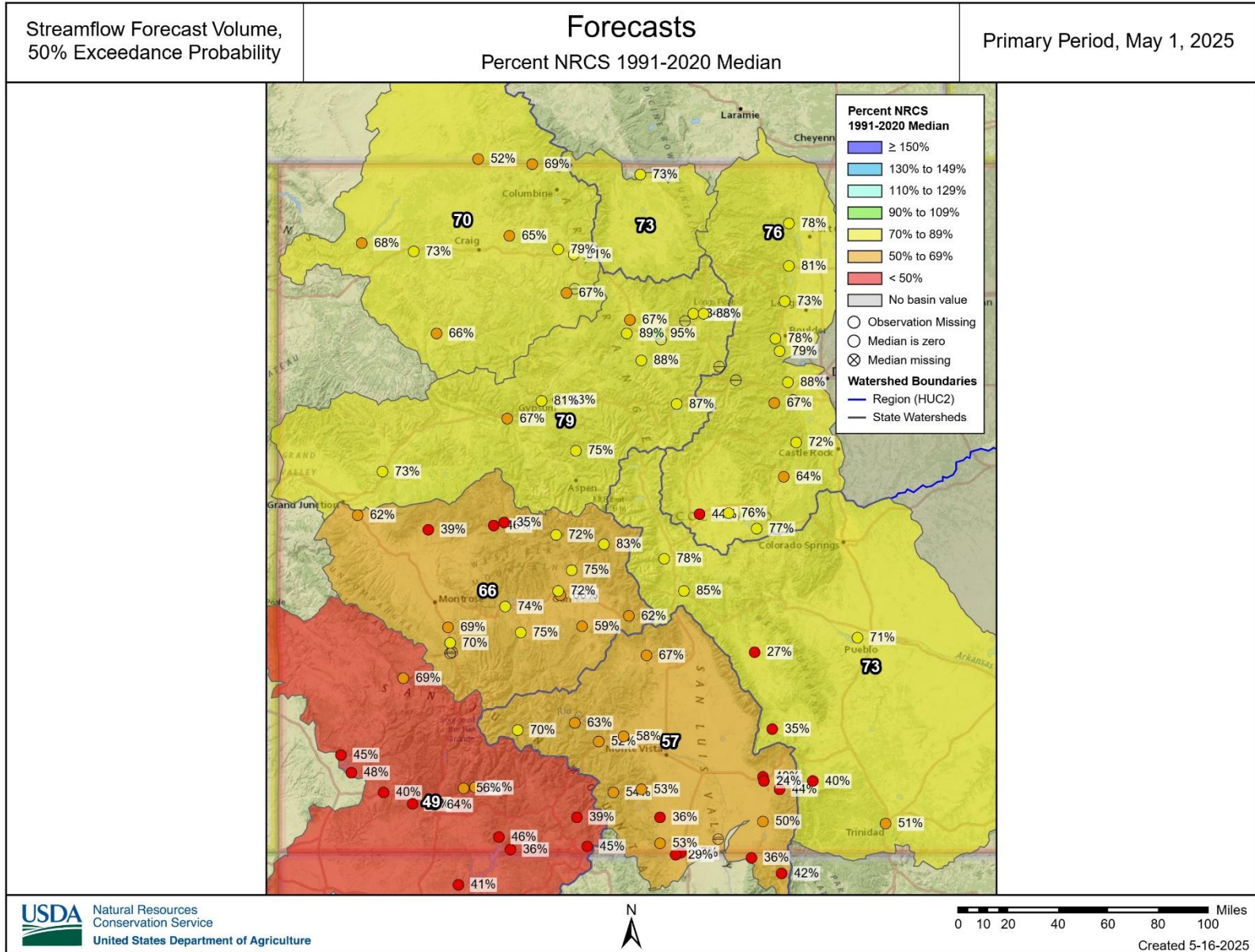
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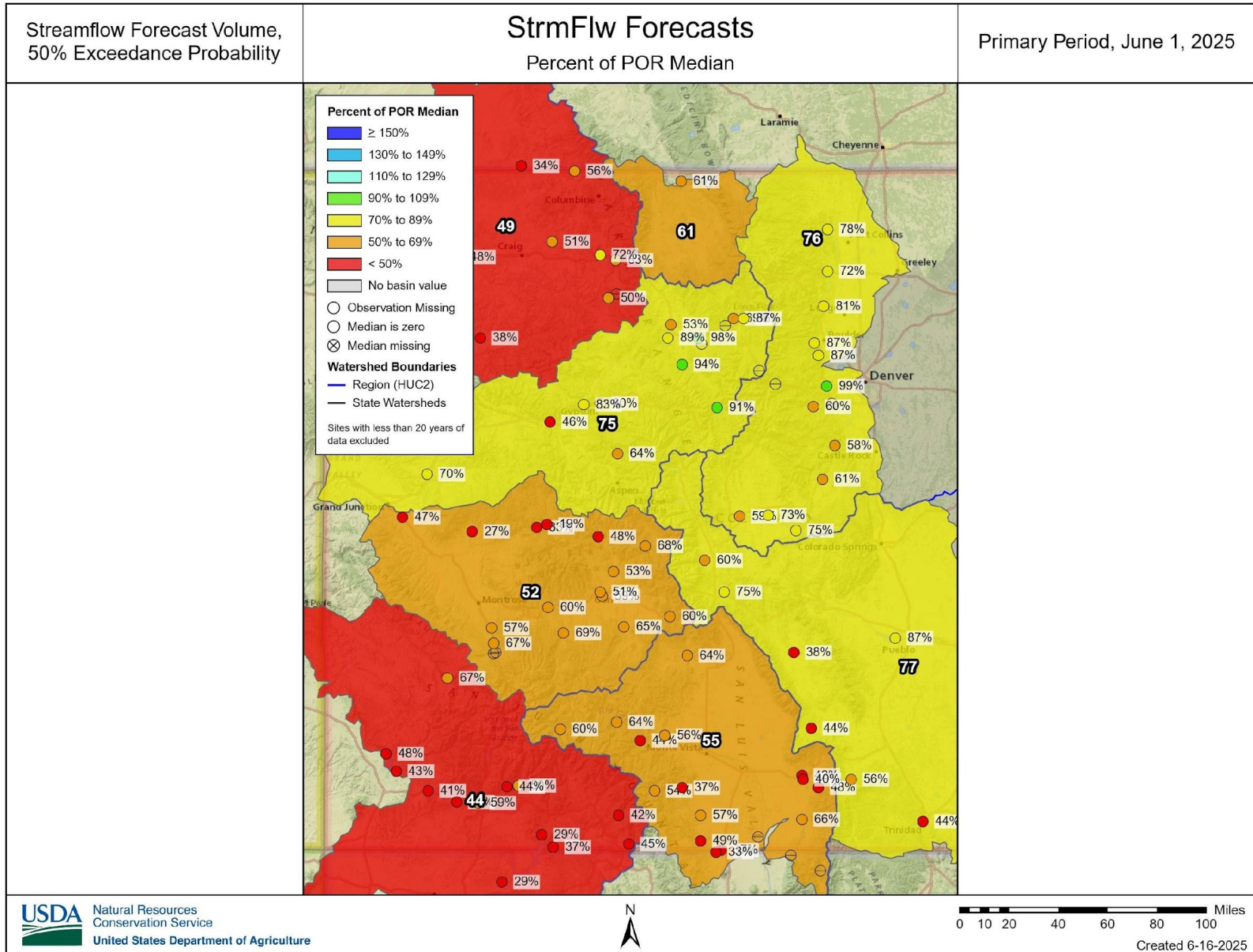
Streamflow Forecast Volume,
50% Exceedance Probability

Colorado Mar 1 Fcsts
Percent NRCS 1991-2020 Median

Primary Period, March 1, 2025



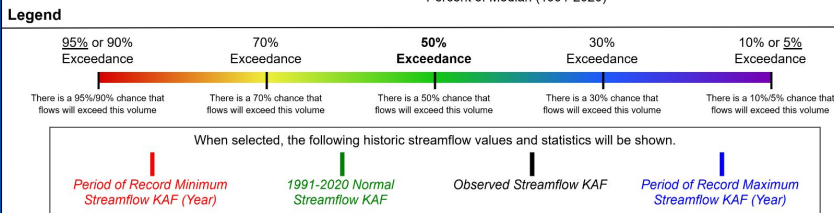
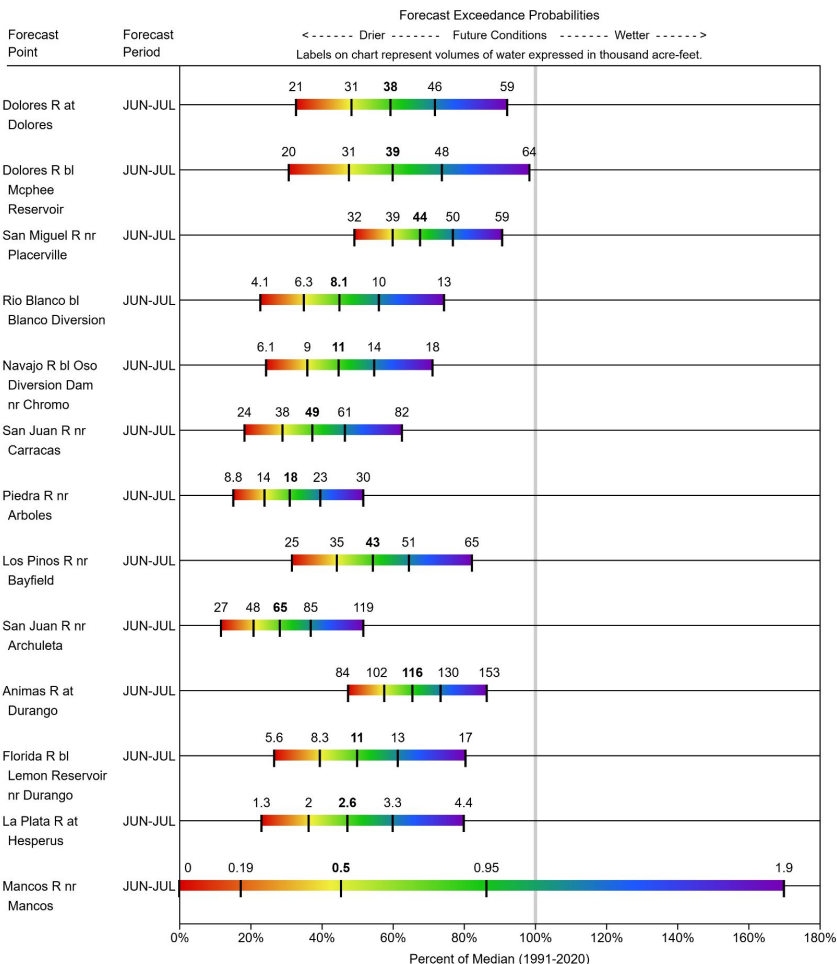






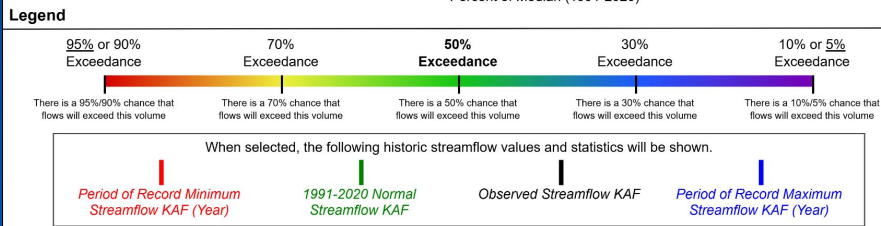
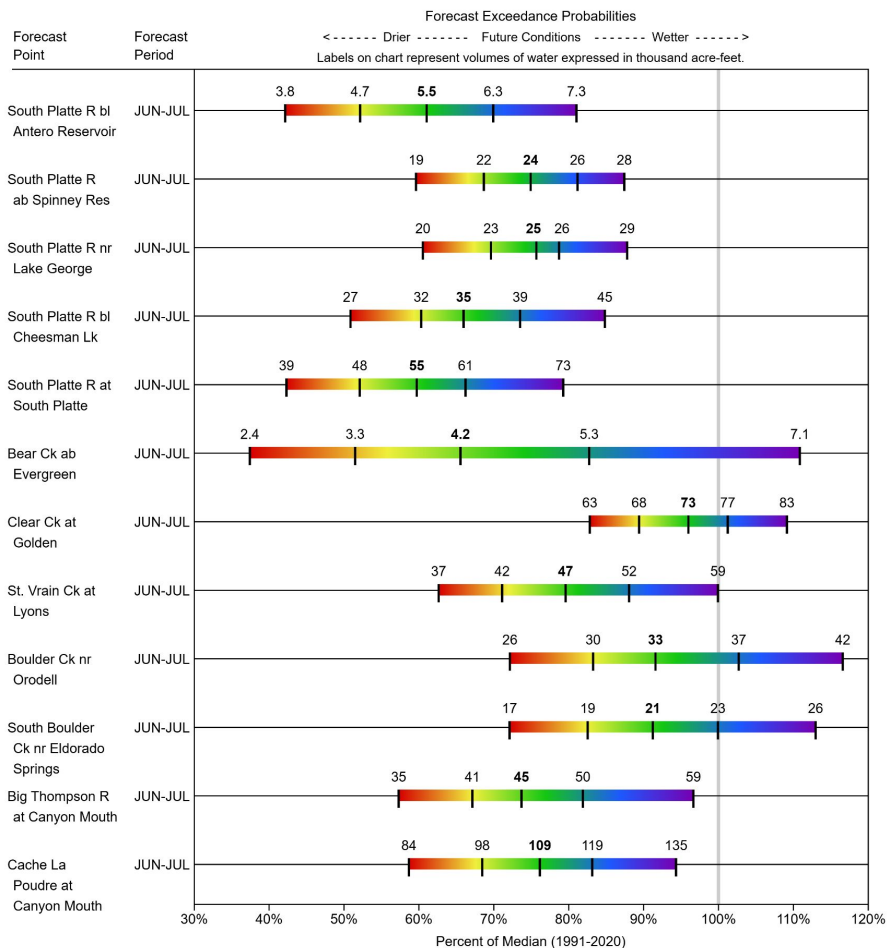
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SAN MIGUEL-DOLORES-ANIMAS-SAN JUAN Water Supply Forecasts June 1, 2025



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

SOUTH PLATTE Water Supply Forecasts June 1, 2025



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YAMPA-WHITE-LITTLE SNAKE

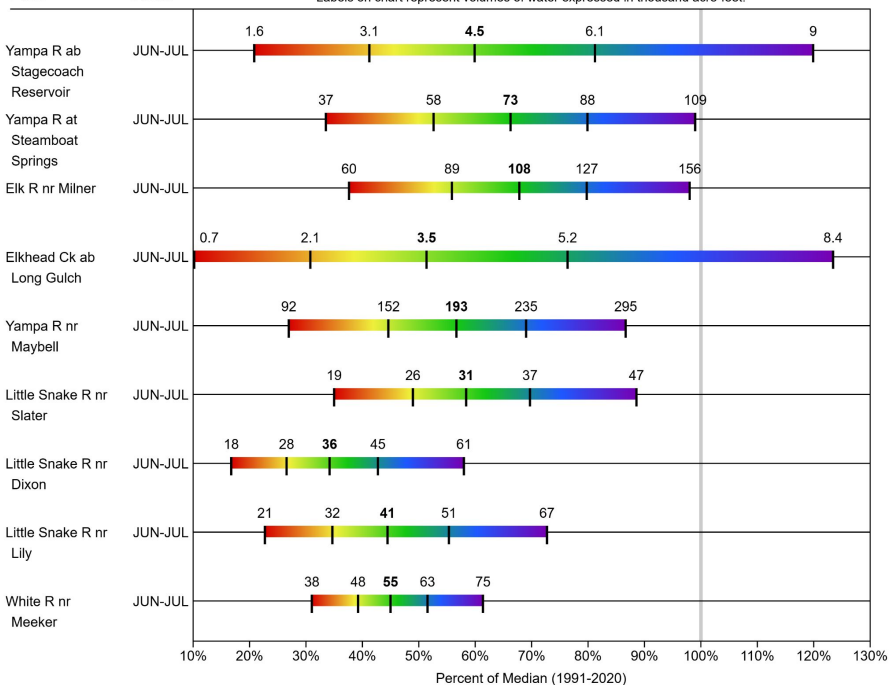
Water Supply Forecasts

June 1, 2025

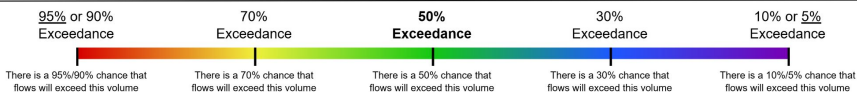
Forecast Exceedance Probabilities

<----- Drier ----- Future Conditions ----- Wetter ----->

Labels on chart represent volumes of water expressed in thousand acre-feet.



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.

ARKANSAS

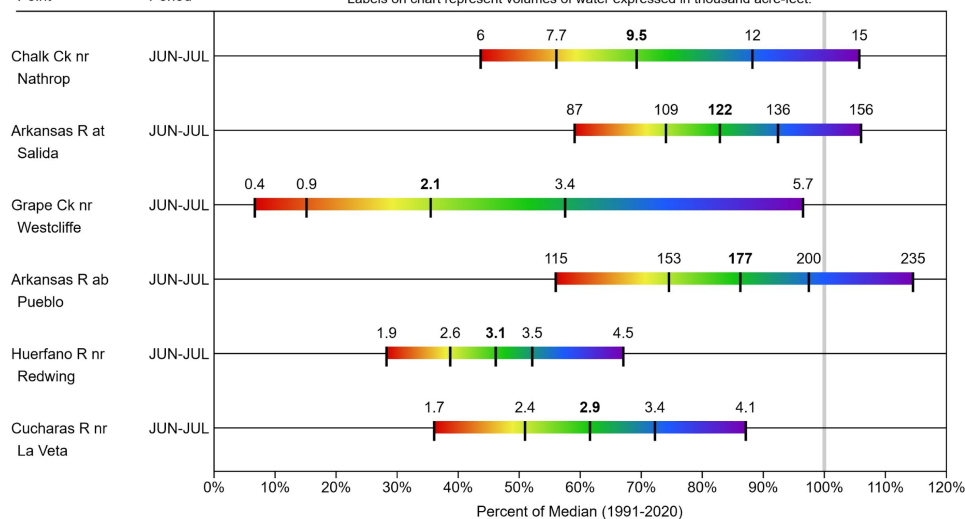
Water Supply Forecasts

June 1, 2025

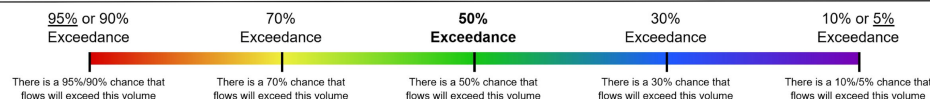
Forecast Exceedance Probabilities

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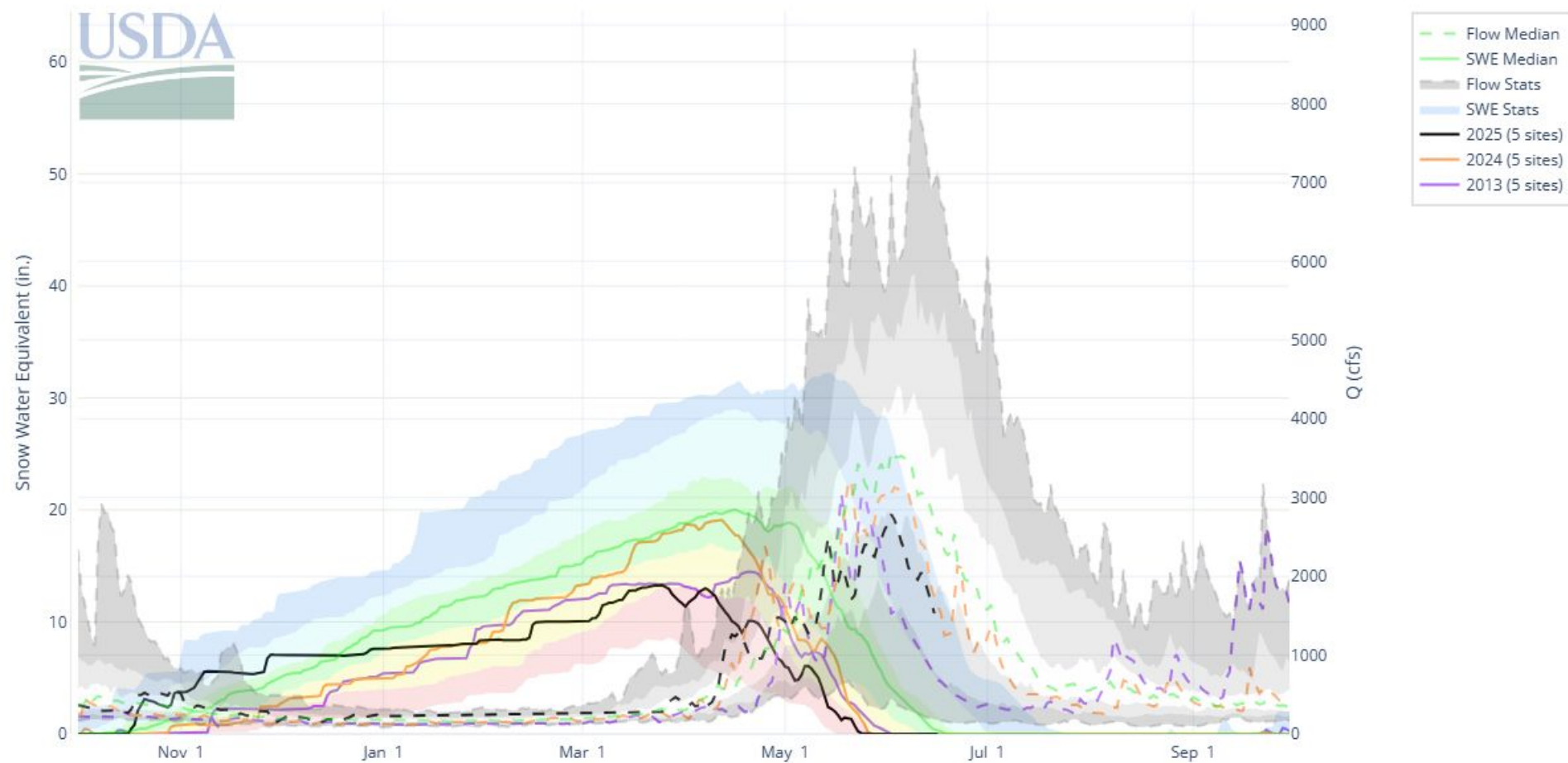
Snow to Runoff Relationships



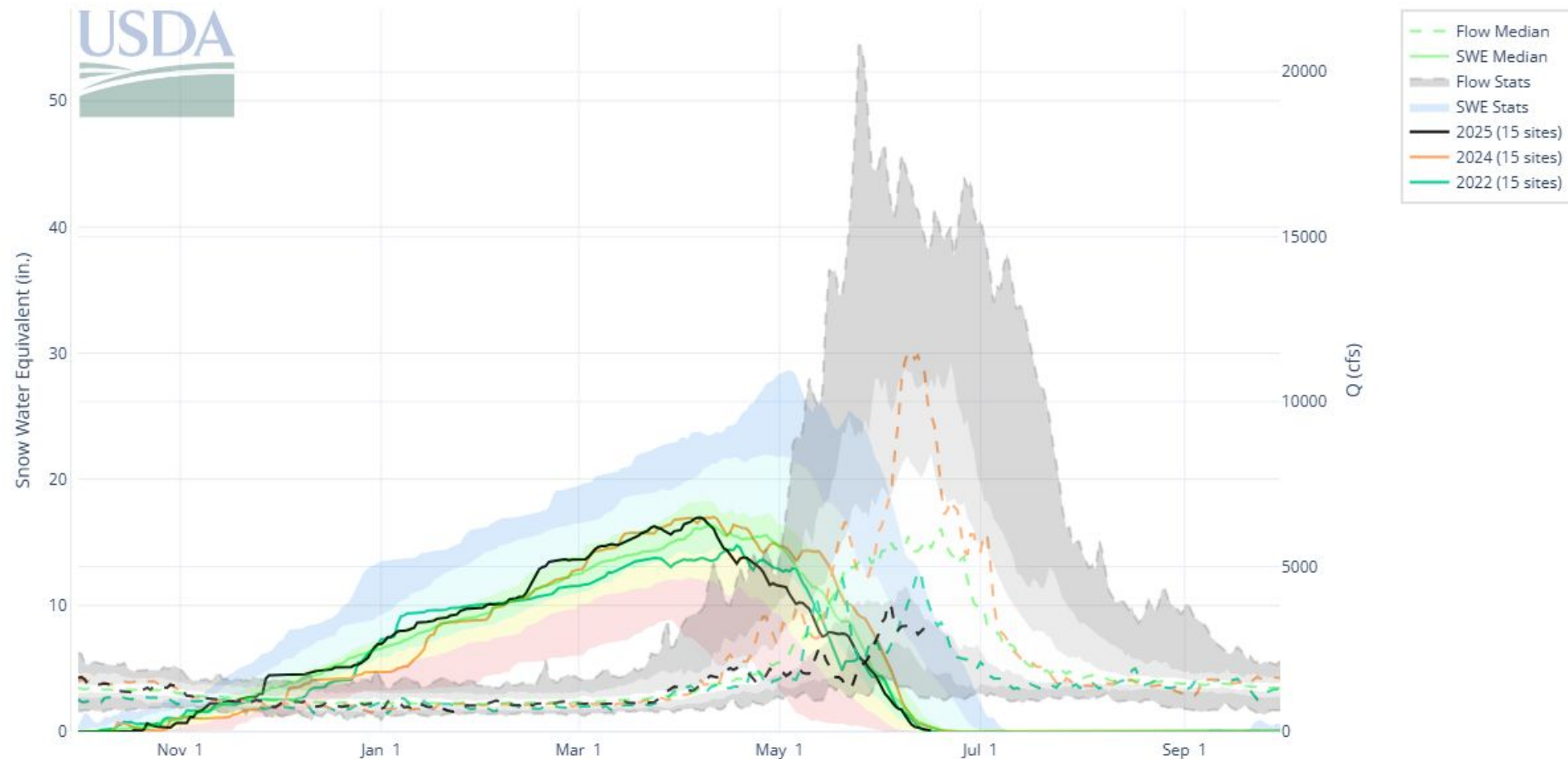
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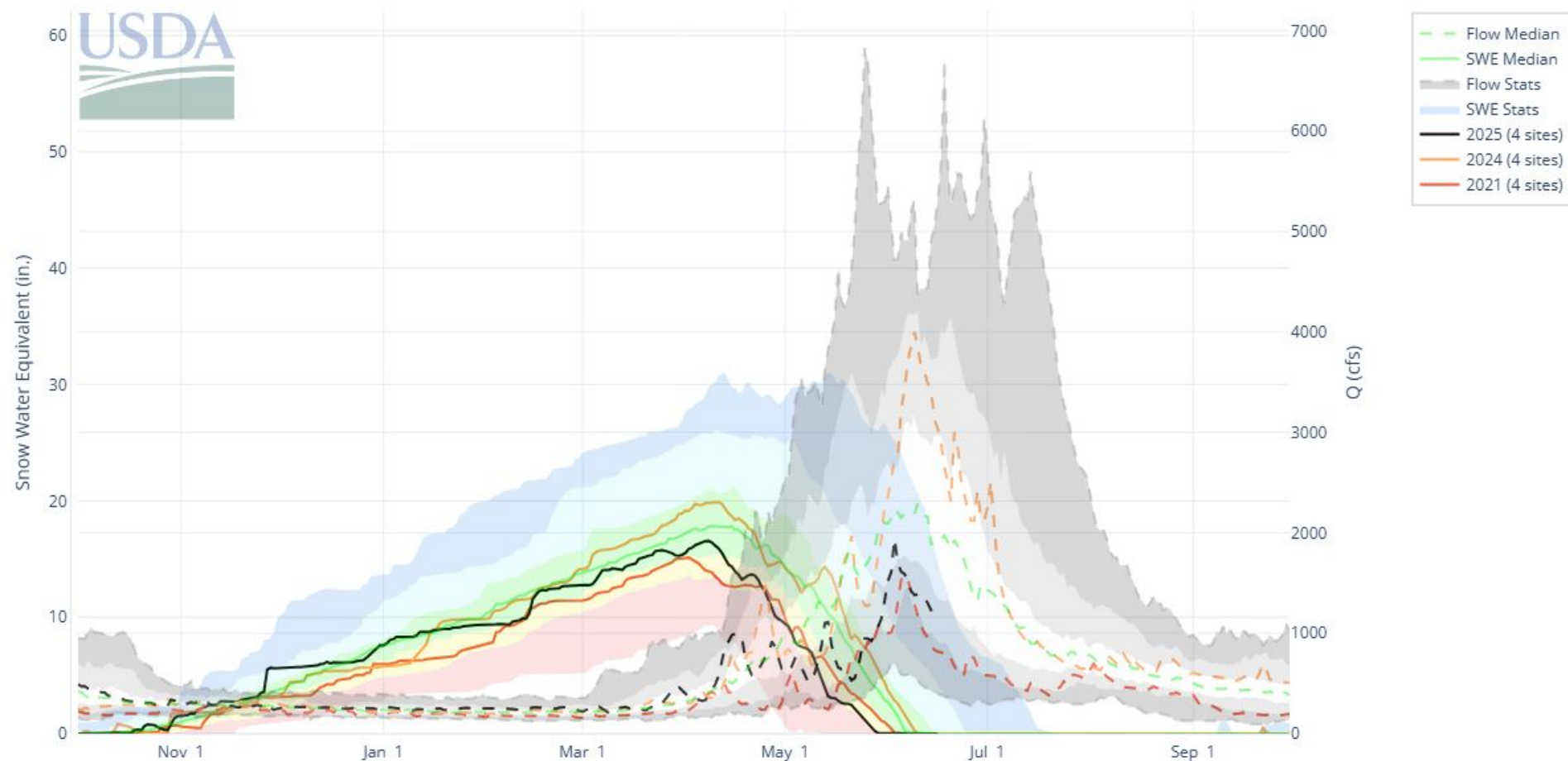
Rio Grande nr Del Norte Snow to Flow Plot



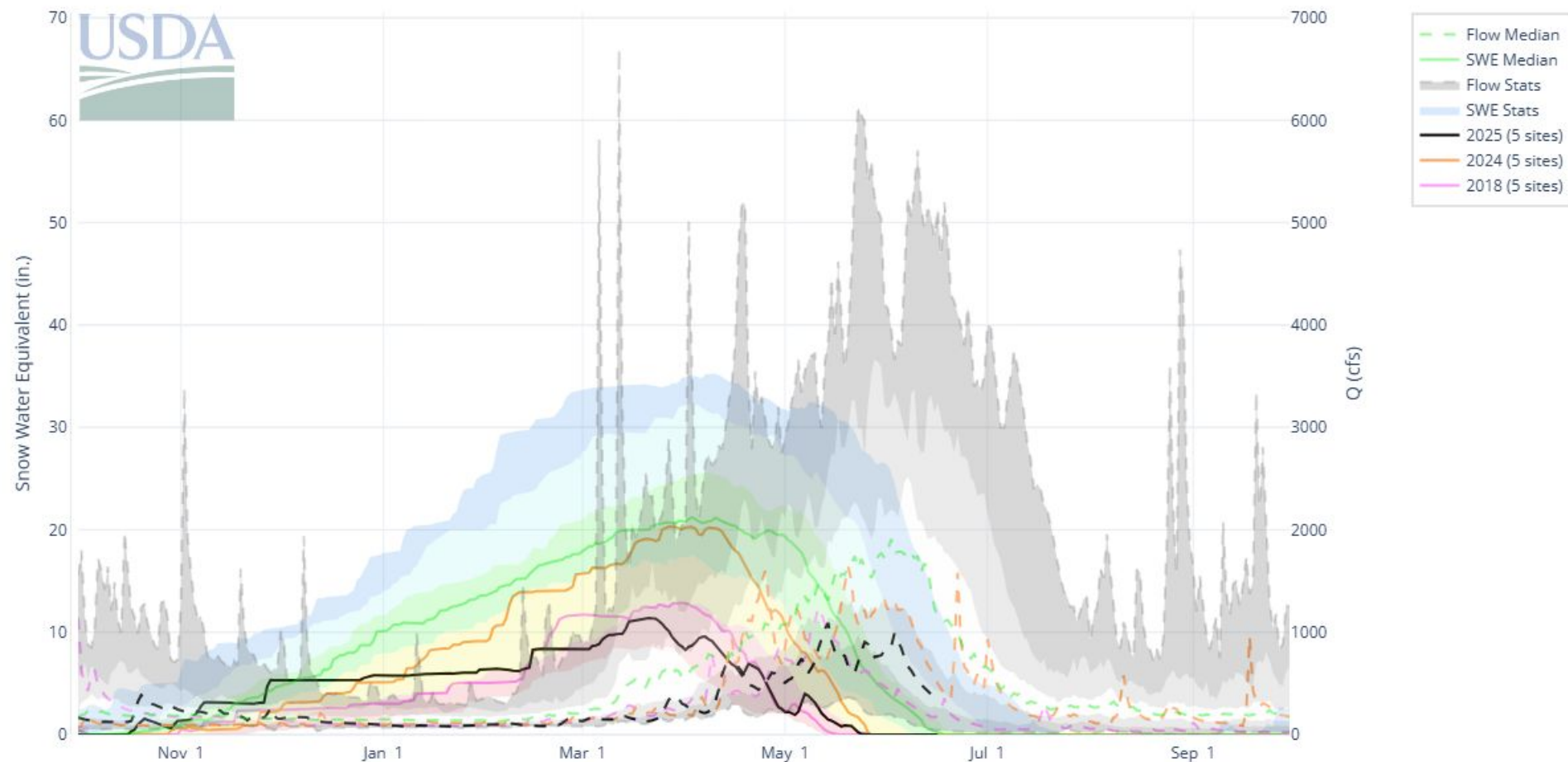
Colorado R nr Dotsero Snow to Flow Plot



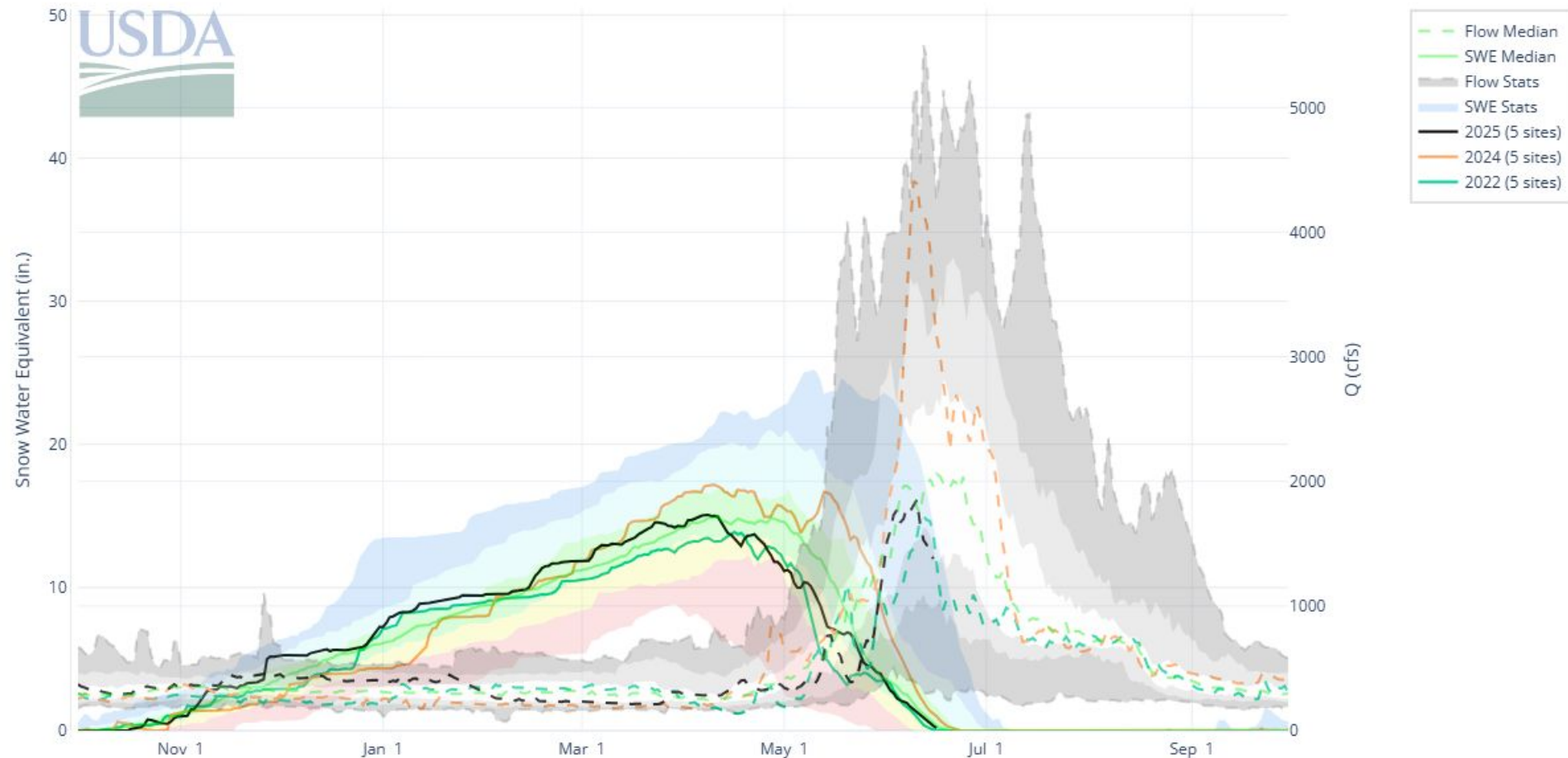
Gunnison R Near Gunnison Snow to Flow Plot



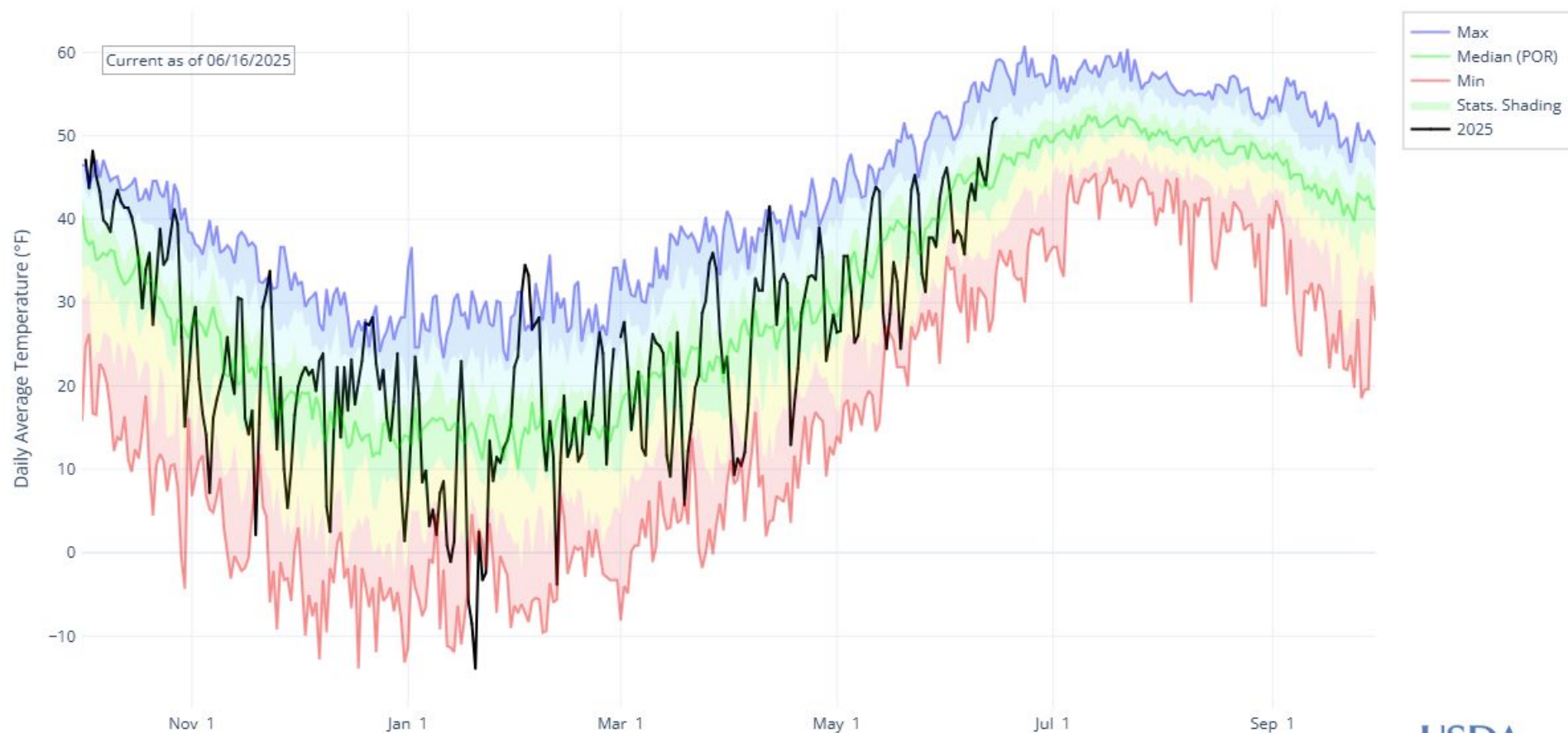
San Juan R nr Carracas Snow to Flow Plot



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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