

Soil Moisture Models

- **Near-normal soil moisture levels** in the top 1 meter of soil across most of WI, with instances of above normal moisture in central WI.
- **Below normal** in parts of the north after low precip totals over the past 2 weeks. The east remains below normal despite last week's rainfall.

Model Notes:

Red areas = top 5 driest in 100 years.

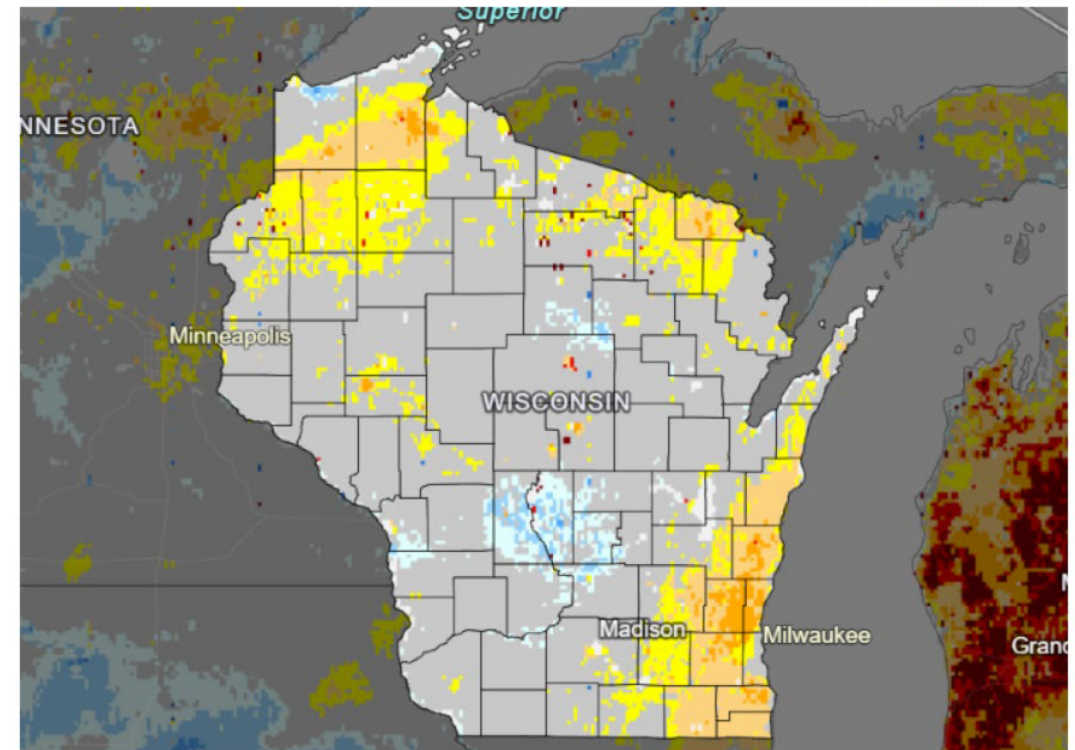
Dark red areas = top 2 driest in 100 years.

Blue areas = top 2 wettest in 100 years.

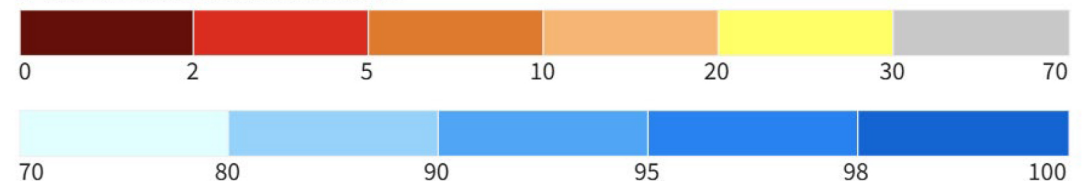
It's worth noting that each soil moisture model has their own characteristics and input variables, so there tends to be variation between models. Thus, it's worthwhile to look at multiple models opposed to just one.

https://weather.ndc.nasa.gov/sport/case_studies/lis_CONUS.html
<https://www.drought.gov/states/wisconsin>

NASA SPoRT-LIS 0-100 cm Soil Moisture Percentile



0-100 cm Soil Moisture Percentile



Source(s): NASA

Data Valid: 08/06/25

Drought.gov