

# AgWOW

## Ag Weather Outlook for Wisconsin

*Week of September 30, 2025*

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# Key Points

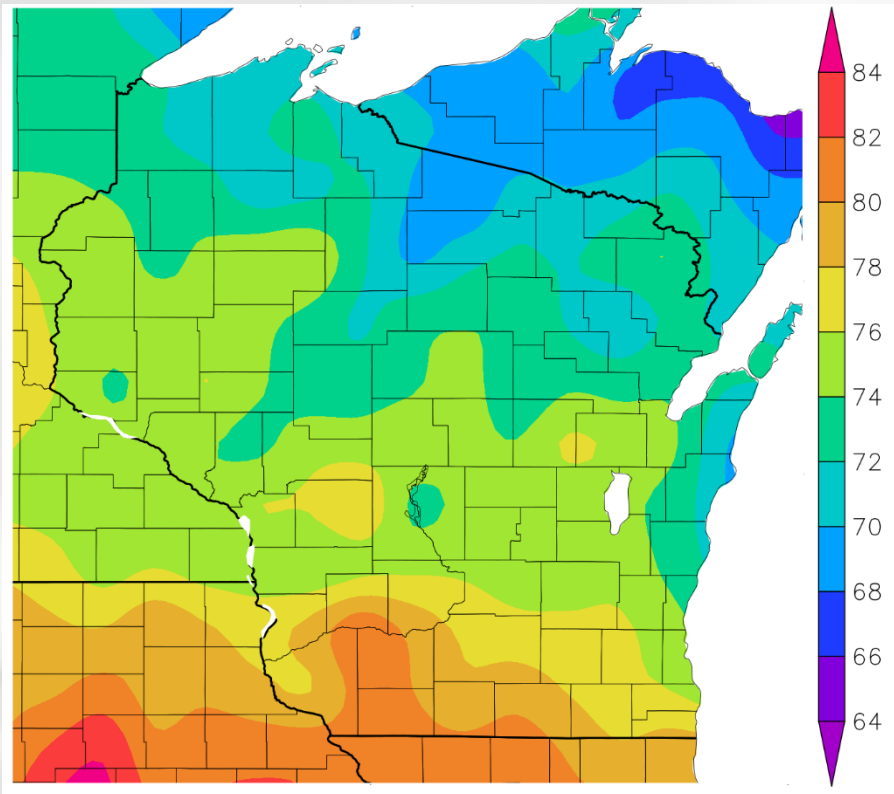
Navigate to select slides by clicking on the [links](#) below.

- 1) The [warmth](#) remained over the state with highs in the 70s-80s.
- 2) [Little-to-no precip](#) all week meant a drop in [soil moisture levels](#).
- 3) Abnormal dryness (D0) now covers [>35% of the state](#).
- 4) Folks in the south/SW have the best chances for [rain](#) over the next 7 days, and outlooks for [mid-October](#) indicate continued warmth.

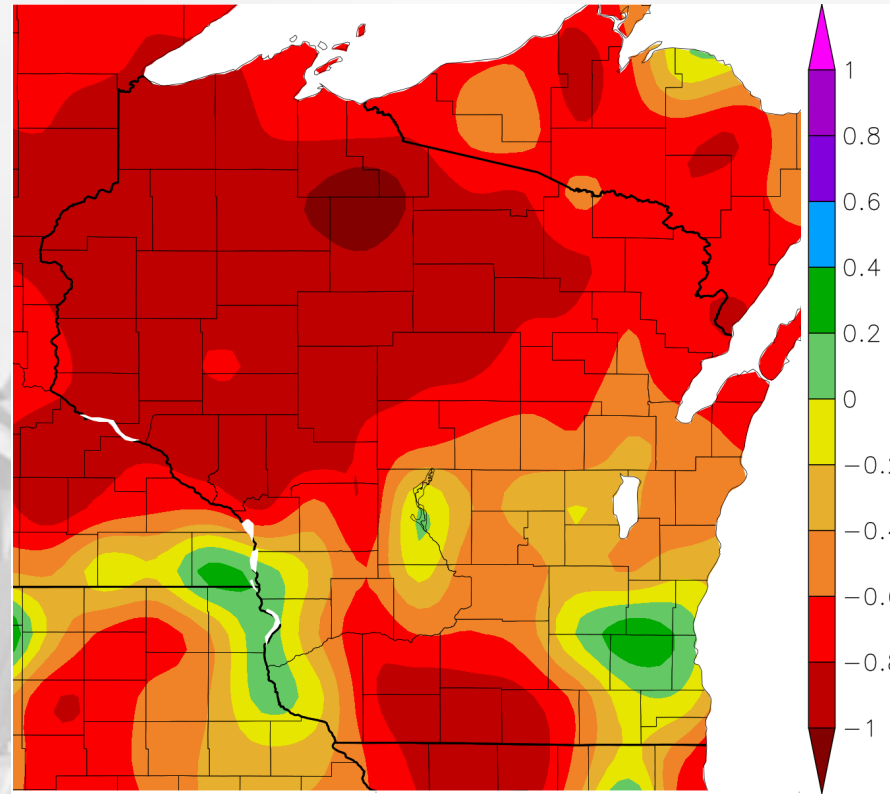
- For this week's agronomic recommendations from UW Extension, click [here](#).
- For this week's crop progress updates from USDA NASS, click [here](#).

# Wx Highlight → Warm & Dry

Average Max Temp (°F)  
9/23 through 9/29



Departure from Normal Precip (in)  
9/23 through 9/29



**Summer-like temperatures** remained, with a flip to **dry** after a previously wet week.

Highest Wisconet temp:

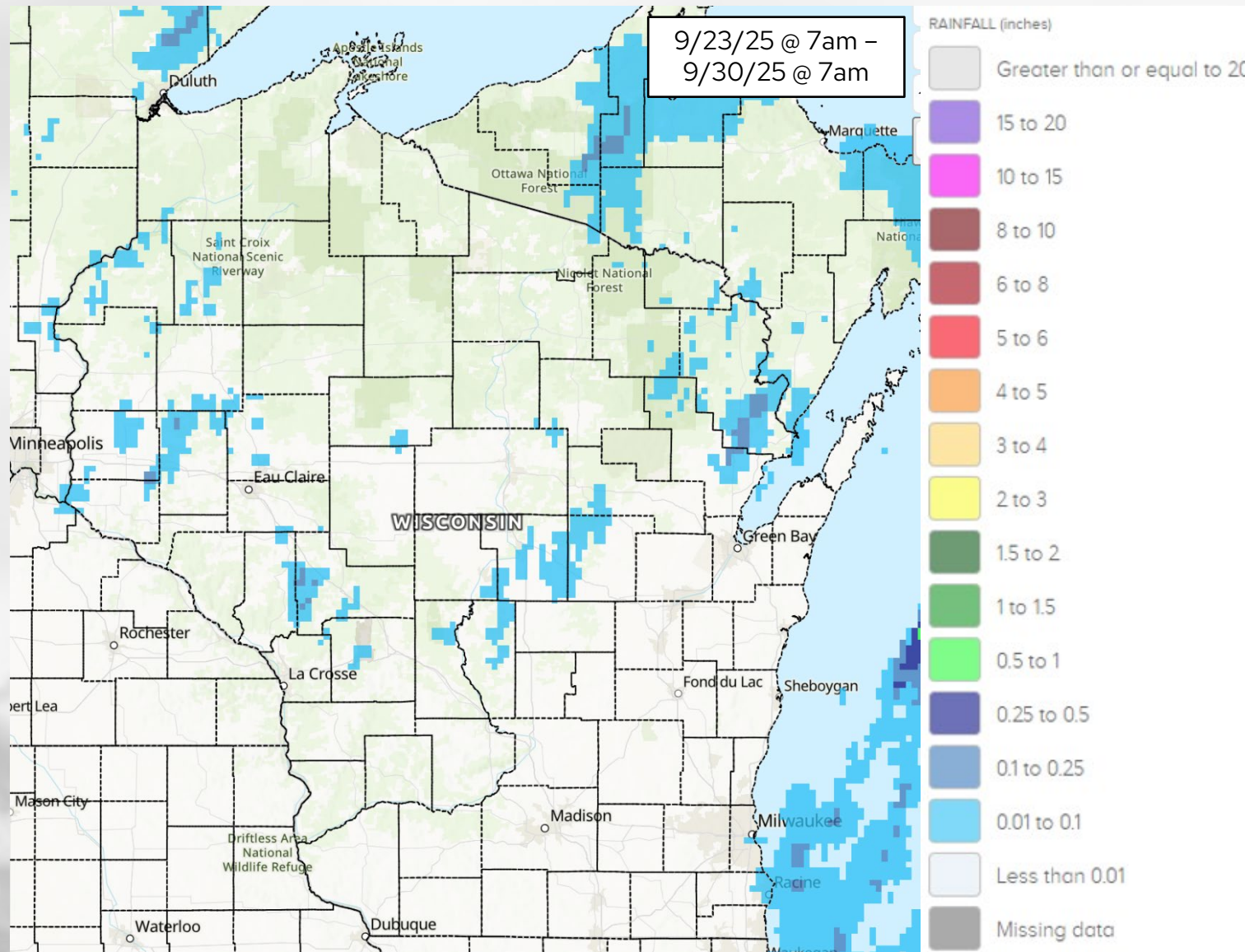
- Bristol, Kenosha Co. → 9/29, **88.5°F**

Highest Wisconet 7-day rain:

- Walworth, Walworth Co. → **0.42"**
  - Most rain fell the early hours of 9/23

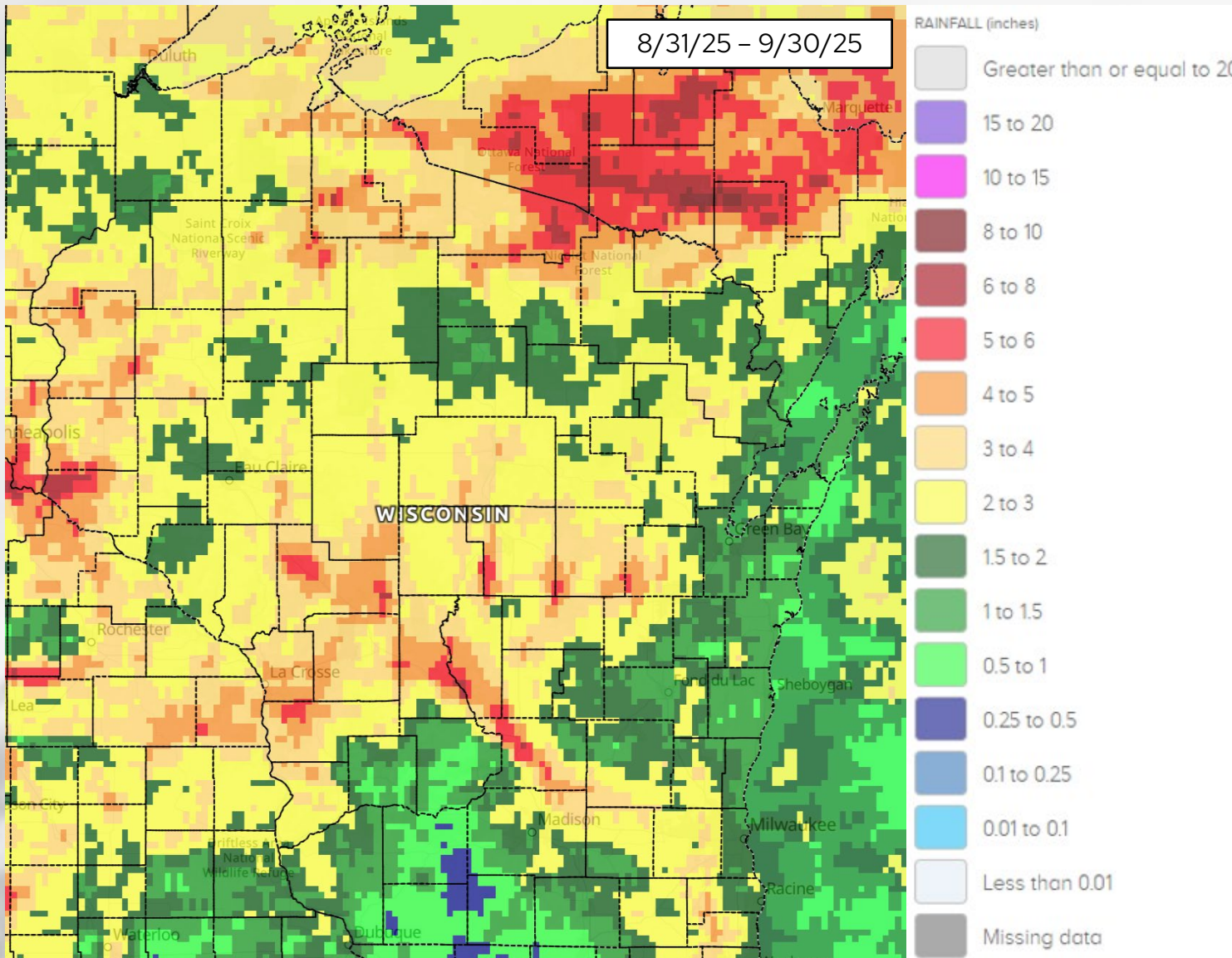


# 7 Day Precip (radar estimates)



- **Little-to-no rain** across the entire state.
- The **last rainfall of  $\geq 0.1$ "** occurred the early hours of 9/23.
  - *The northwest quarter of the state missed out on this rainfall, which last saw  $\geq 0.1$ " of rain on 9/22.*

# 30 Day Precip (radar estimates)

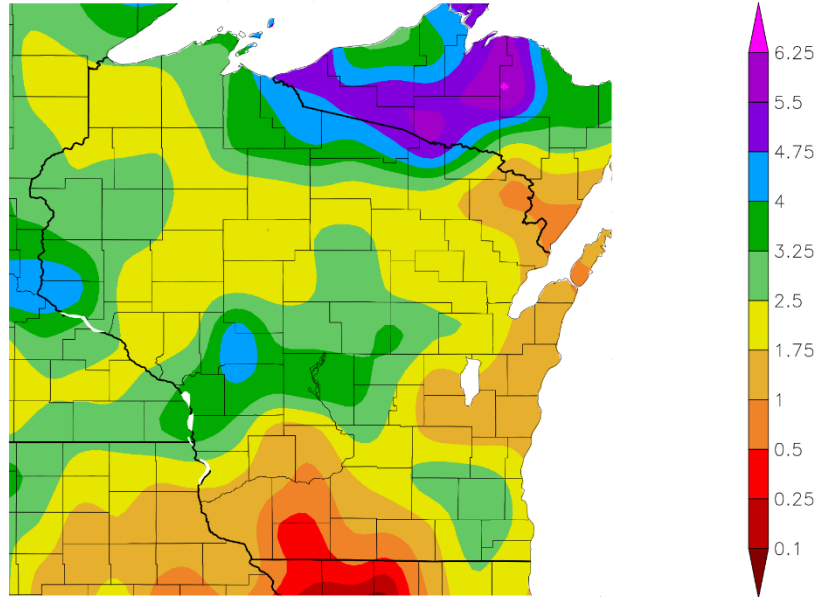


- **2-3"** across most of the state.
- Pockets of **3" or more** in the central region, along the western border, and along the MI border.
- Lowest totals in the southwest and eastern border → **less than 2"**



# 30 Day Precip Total/Percent Avg.

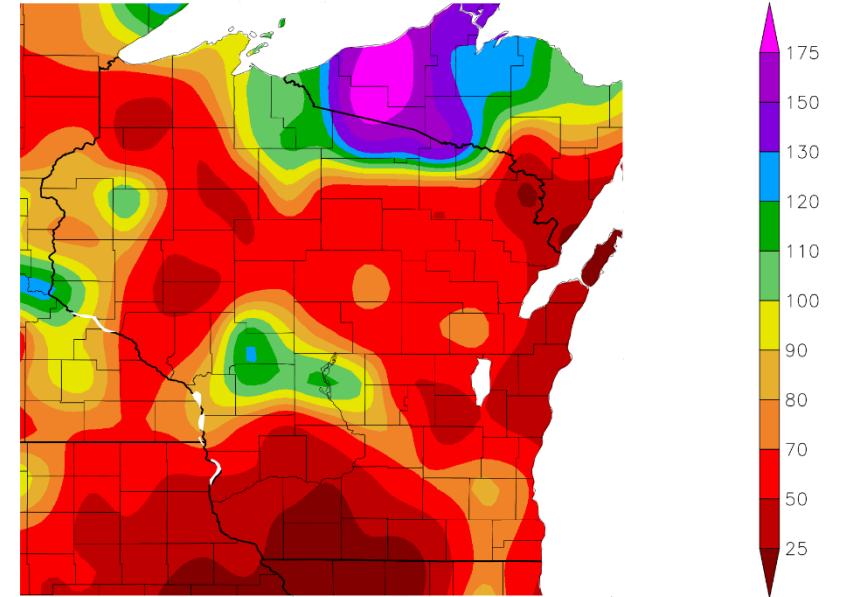
Precipitation (in)  
8/31/2025 – 9/29/2025



Generated 9/30/2025 using provisional data.

ACIS Web Services

Percent of Normal Precipitation (%)  
8/31/2025 – 9/29/2025



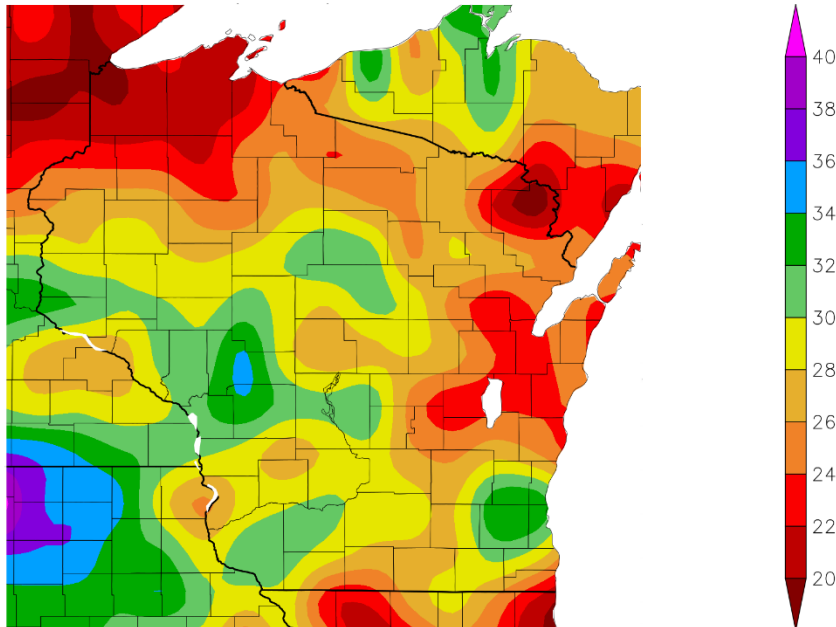
Generated 9/30/2025 using provisional data.

ACIS Web Services

- **Below normal** for most of WI over the past 30 days → **70% or less common**, with 50% or less in the S & E.
  - Southwest → **25% or less** of normal.
- **Localized areas** of above normal precipitation in west-central and northern WI, where totals were **3.25" or more**.

# 2025 Precipitation (so far)

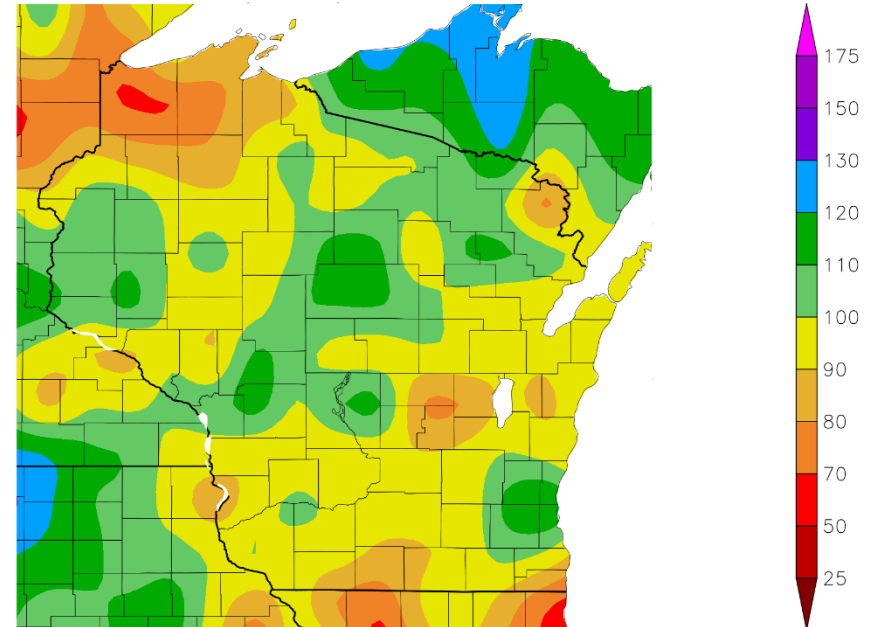
Precipitation (in)  
1/1/2025 – 9/29/2025



Generated 9/30/2025 using provisional data.

ACIS Web Services

Percent of Normal Precipitation (%)  
1/1/2025 – 9/29/2025



Generated 9/30/2025 using provisional data.

ACIS Web Services

# Soil Moisture Models

- **Increase** in spatial extent and intensity of **dryness** after receiving minimal precipitation last week.
- **Near normal** conditions remain for northwest to north-central and southwest to central.

## Model Notes:

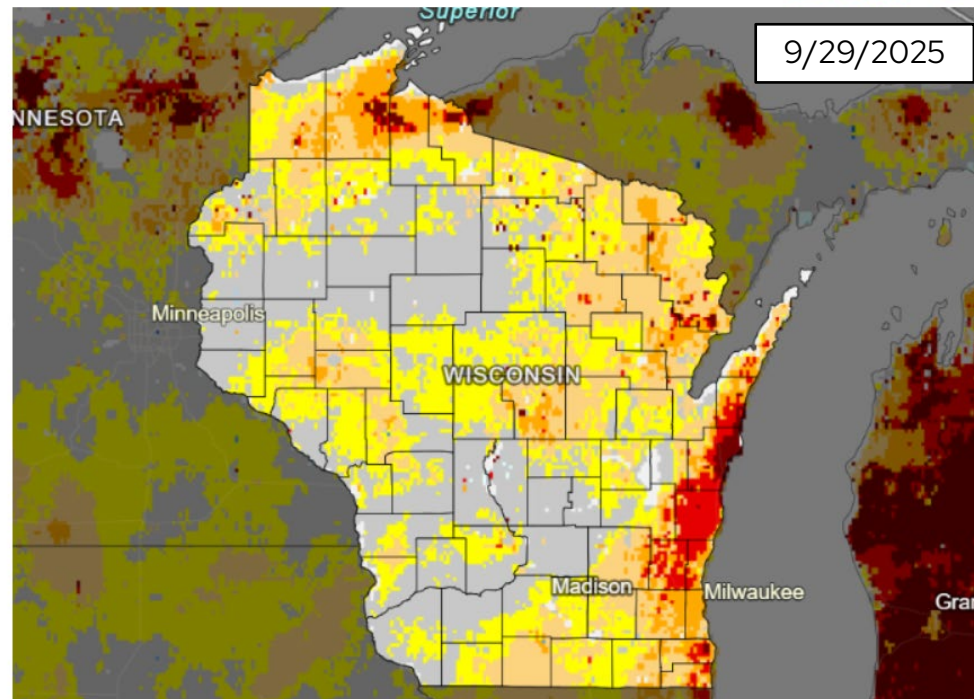
*Red* areas = top 5 driest in 100 years.

*Dark red* areas = top 2 driest in 100 years.

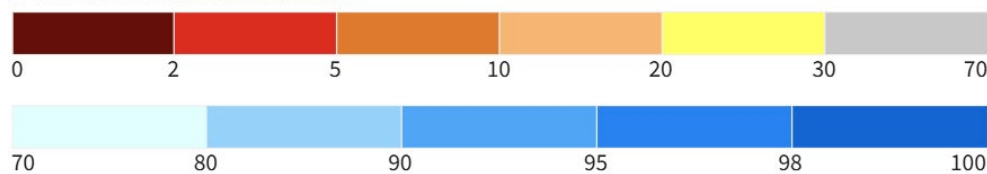
*Blue* areas = top 2 wettest in 100 years.

*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.*

NASA SPoRT-LIS 0-100 cm Soil Moisture Percentile



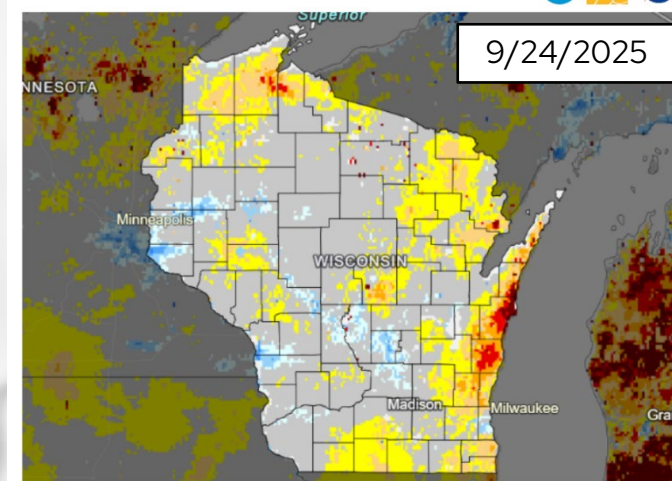
0-100 cm Soil Moisture Percentile



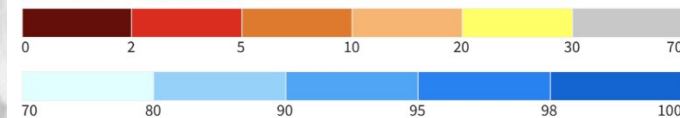
Source(s): NASA  
Data Valid: 10/01/25

**Drought.gov**

NASA SPoRT-LIS 0-100 cm Soil Moisture Percentile



0-100 cm Soil Moisture Percentile



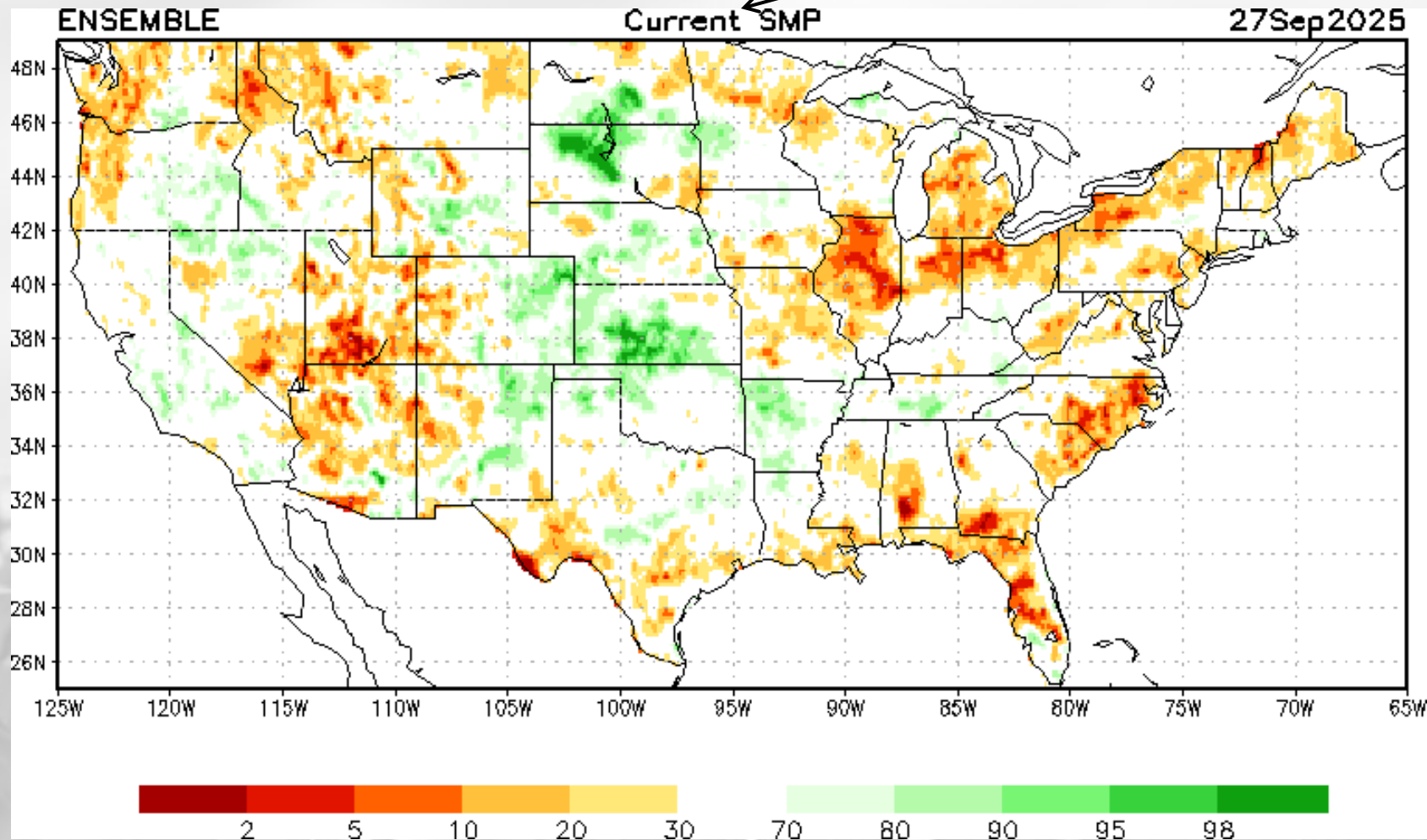
Source(s): NASA  
Data Valid: 09/24/25

**Drought.gov**



# Soil Moisture Models

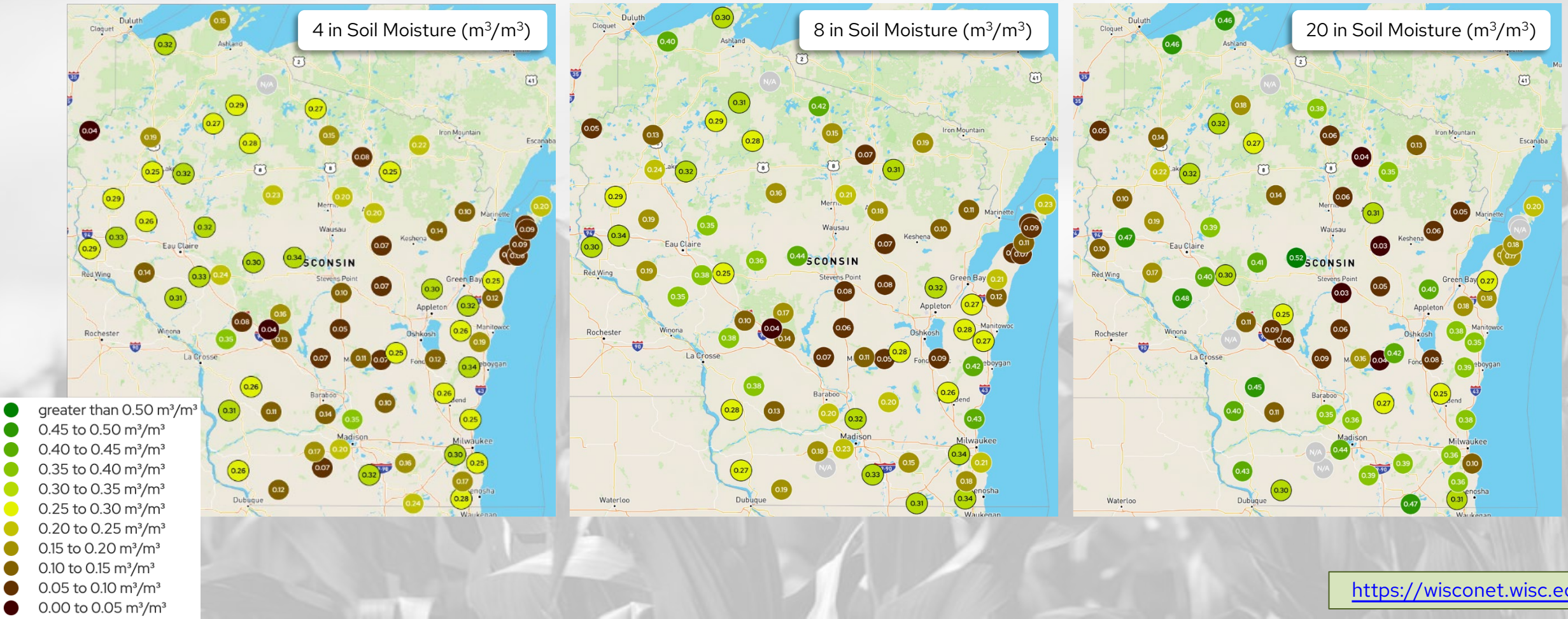
**NOTE:** this map displays the soil moisture percentile for Sep 27. It was the most recent update as of Oct 2.



[https://www.cpc.ncep.noaa.gov/products/Drought/Monitoring/smp\\_new.shtml](https://www.cpc.ncep.noaa.gov/products/Drought/Monitoring/smp_new.shtml)

# Wisconet Soil Moisture

Maps showing soil temperature conditions on September 30<sup>th</sup> @ 9:00 am.  
Units of map values are {Volume of water}/{Volume of soil}.





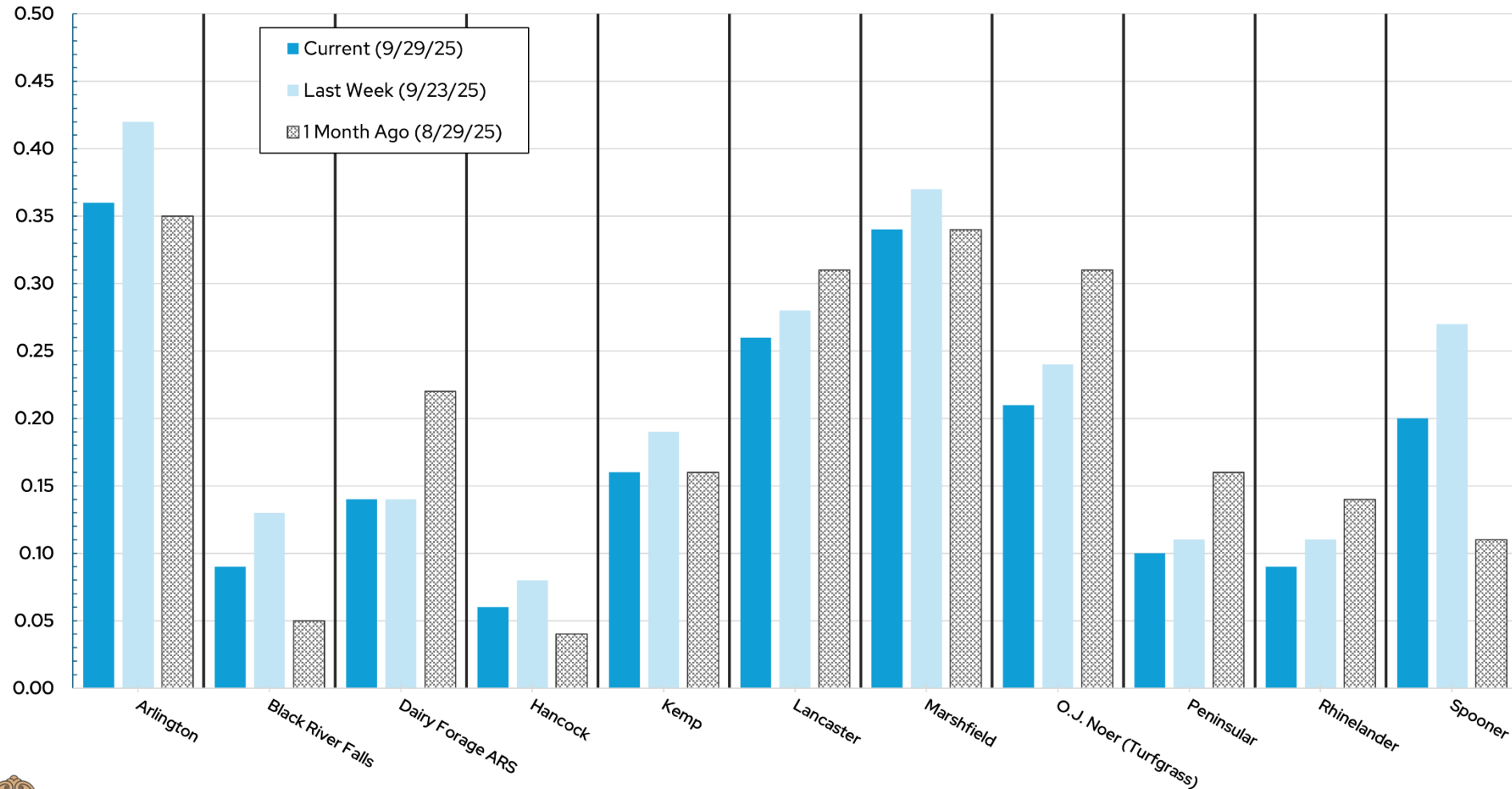
# Wisconet Soil Moisture

Change in soil moisture from September 23<sup>rd</sup> (Start) to September 29<sup>th</sup> (End).  
Units of change values are {Volume of water}/{Volume of soil}.

Research Farm	County	Total Precip (in)	4" Change (Start) (End)		8" Change (Start) (End)		20" Change (Start) (End)	
Arlington	Columbia	0.00	0.42	0.36	0.38	0.32	0.36	0.36
Black River Falls	Jackson	0.01	0.13	0.09	0.15	0.10	0.14	0.11
Dairy Forage ARS	Sauk	0.05	0.14	0.14	0.21	0.21	0.36	0.35
Hancock	Waushara	0.00	0.08	0.06	0.08	0.07	0.07	0.06
Kemp	Oneida	0.00	0.19	0.16	0.19	0.15	0.09	0.06
Lancaster	Grant	0.00	0.28	0.26	0.26	0.27	0.43	0.43
Marshfield	Marathon	0.00	0.37	0.34	0.45	0.44	0.53	0.53
O.J. Noer ( <i>Turfgrass</i> )	Dane	0.03	0.24	0.21	0.26	0.24	0.45	0.44
Peninsular	Door	0.00	0.11	0.10	0.12	0.11	0.19	0.18
Rhineland	Oneida	0.01	0.11	0.09	0.10	0.08	0.05	0.04
Spooner	Washburn	0.00	0.27	0.20	0.17	0.13	0.15	0.14

# Wisconet Soil Moisture

**Wisconet 4" Soil Moisture Change**  
UW Research Farms





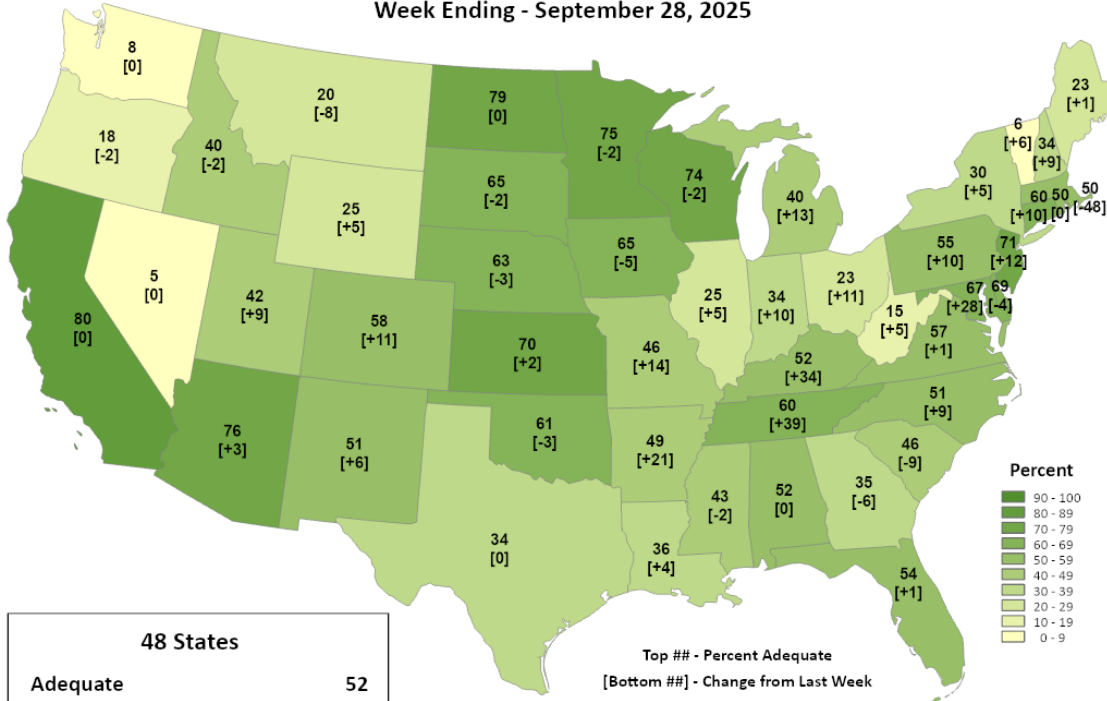
# Adequate Soil Moisture

USDA United States  
Department of  
Agriculture

This product was prepared by the  
USDA Office of the Chief Economist (OCE)  
World Agricultural Outlook Board (WAOB)

## Topsoil Moisture Percent Adequate

Week Ending - September 28, 2025



48 States

Adequate	52
Change from Last Week	+3

Top ## - Percent Adequate  
[Bottom ##] - Change from Last Week

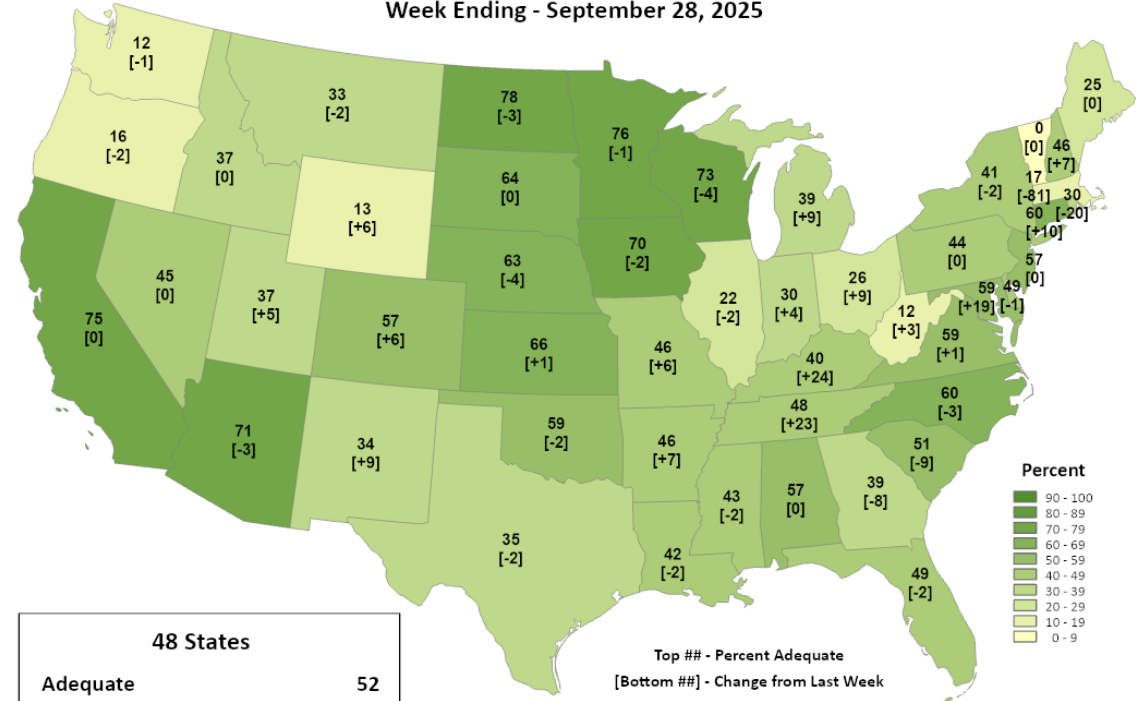
Data obtained from USDA National Agricultural Statistics Service weekly Crop Progress reports.

USDA United States  
Department of  
Agriculture

This product was prepared by the  
USDA Office of the Chief Economist (OCE)  
World Agricultural Outlook Board (WAOB)

## Subsoil Moisture Percent Adequate

Week Ending - September 28, 2025



48 States

Adequate	52
Change from Last Week	+1

Top ## - Percent Adequate  
[Bottom ##] - Change from Last Week

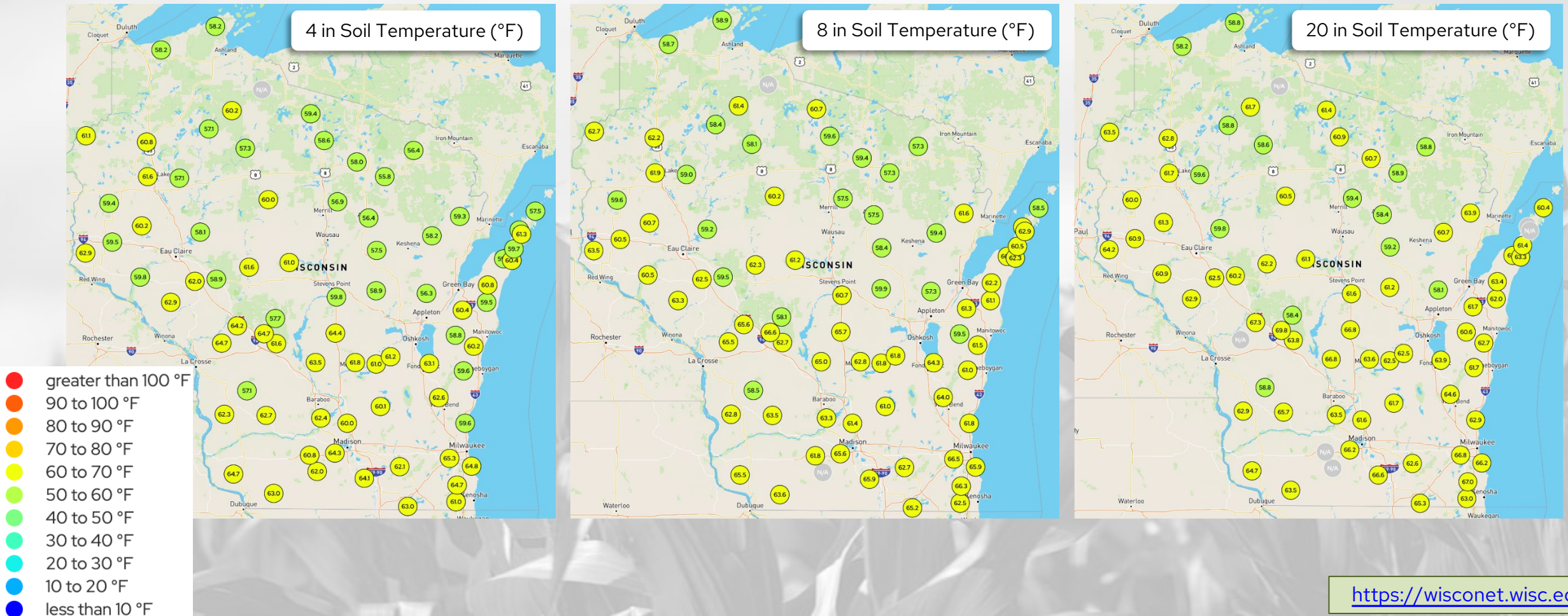
Data obtained from USDA National Agricultural Statistics Service weekly Crop Progress reports.

- **73-74%** of agricultural soils in the state reporting adequate topsoil and subsoil moisture.
- **23-24%** of fields in the state are reported as having short to very short topsoil moisture, a **3-4% increase** from last week.

<https://agindrought.unl.edu/Other.aspx>

# Wisconet Soil Temperature

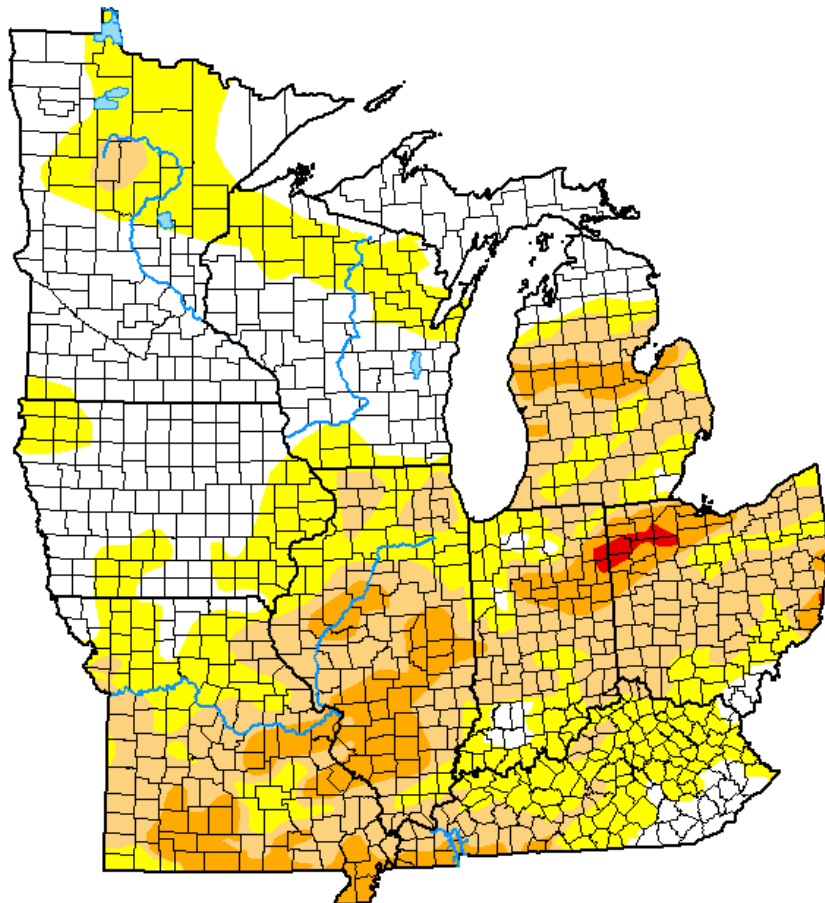
Maps showing soil temperature conditions on  
September 30<sup>th</sup> @ 9:00 am.





# US Drought Monitor

## U.S. Drought Monitor Midwest



September 30, 2025

(Released Thursday, Oct. 2, 2025)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	34.12	65.88	34.69	10.17	0.37	0.00
Last Week 09-23-2025	41.43	58.57	37.81	10.70	0.95	0.00
3 Months Ago 07-01-2025	75.11	24.89	5.60	0.48	0.00	0.00
Start of Calendar Year 01-01-2025	44.12	55.88	29.47	3.56	0.00	0.00
Start of Water Year 10-01-2024	21.78	78.22	28.15	6.40	1.46	0.66
One Year Ago 10-01-2024	21.78	78.22	28.15	6.40	1.46	0.66

### Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

### Author:

Curtis Riganti  
National Drought Mitigation Center



[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

- Midwest: Compared to last week:
  - **Minor decreases** in D1-D3 coverage.
  - **D0** expanding by 7%.
- Midwest: **Addition of D3** in NW Ohio and D2 across central IL. **1-2 class improvements** along the Ohio River.
- Wisconsin: The state is still **drought-free**, but D0 coverage expanded in the north and SW.
- **65.3%** of the Midwest is drought free (~34.7% in D1-D3).

Note: D0 is not considered drought.

<http://droughtmonitor.unl.edu/>

# US Drought Monitor

## U.S. Drought Monitor Wisconsin

**September 30, 2025**

(Released Thursday, Oct. 2, 2025)

Valid 8 a.m. EDT

### Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	64.44	35.56	0.00	0.00	0.00	0.00
<b>Last Week</b> 09-23-2025	95.36	4.64	0.00	0.00	0.00	0.00
<b>3 Months Ago</b> 07-01-2025	83.61	16.39	2.55	0.00	0.00	0.00
<b>Start of Calendar Year</b> 01-01-2025	36.12	63.88	39.54	0.00	0.00	0.00
<b>Start of Water Year</b> 10-01-2024	18.68	81.32	29.83	8.45	0.00	0.00
<b>One Year Ago</b> 10-01-2024	18.68	81.32	29.83	8.45	0.00	0.00

### Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

### Author:

Curtis Riganti  
National Drought Mitigation Center

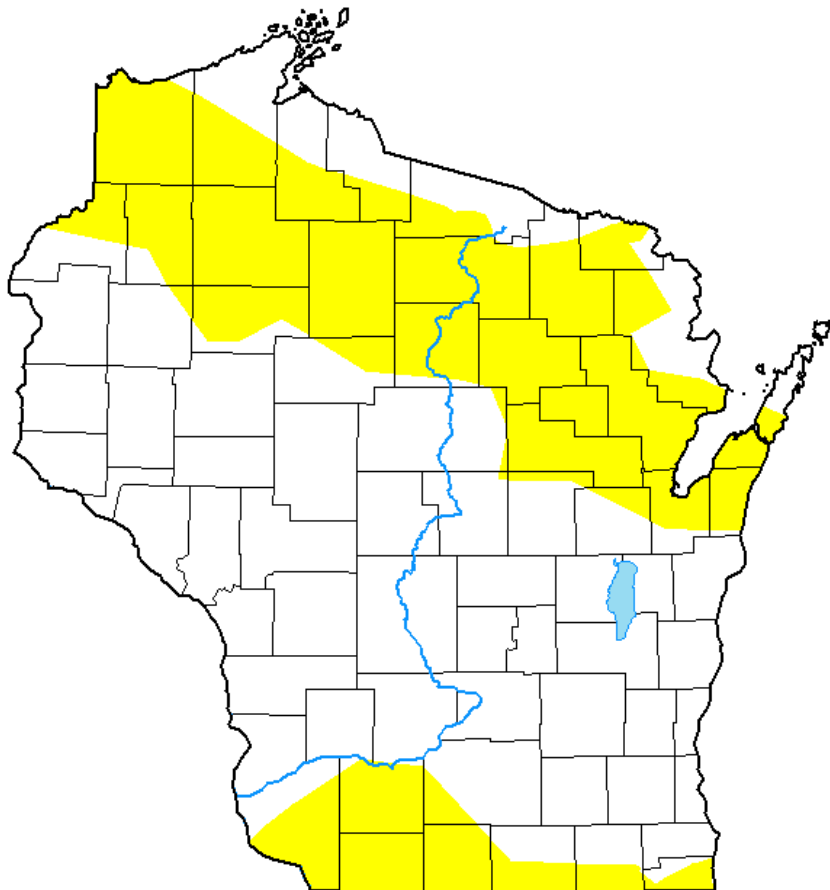


[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

Amount of state in:

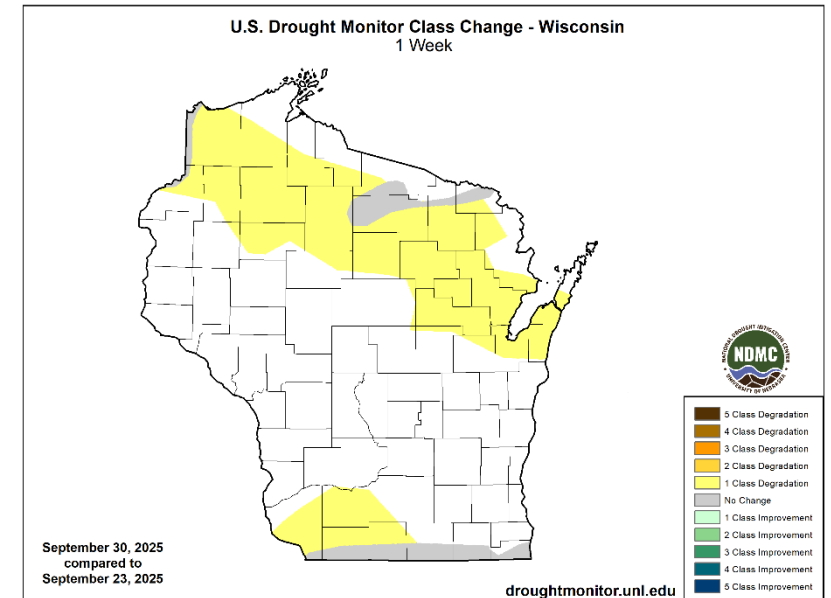
- D1-D4 – 0.0% --
- D2-D4 – 0.0% --
- D3-D4 – 0.0% --
- D4 – 0.0% --

*Note: ↑↓ indicate change from last week. Red up arrows indicate increase in drought area; vice-versa for green arrows. -- indicates no change from last week.*



<http://droughtmonitor.unl.edu/>

### U.S. Drought Monitor Class Change - Wisconsin 1 Week



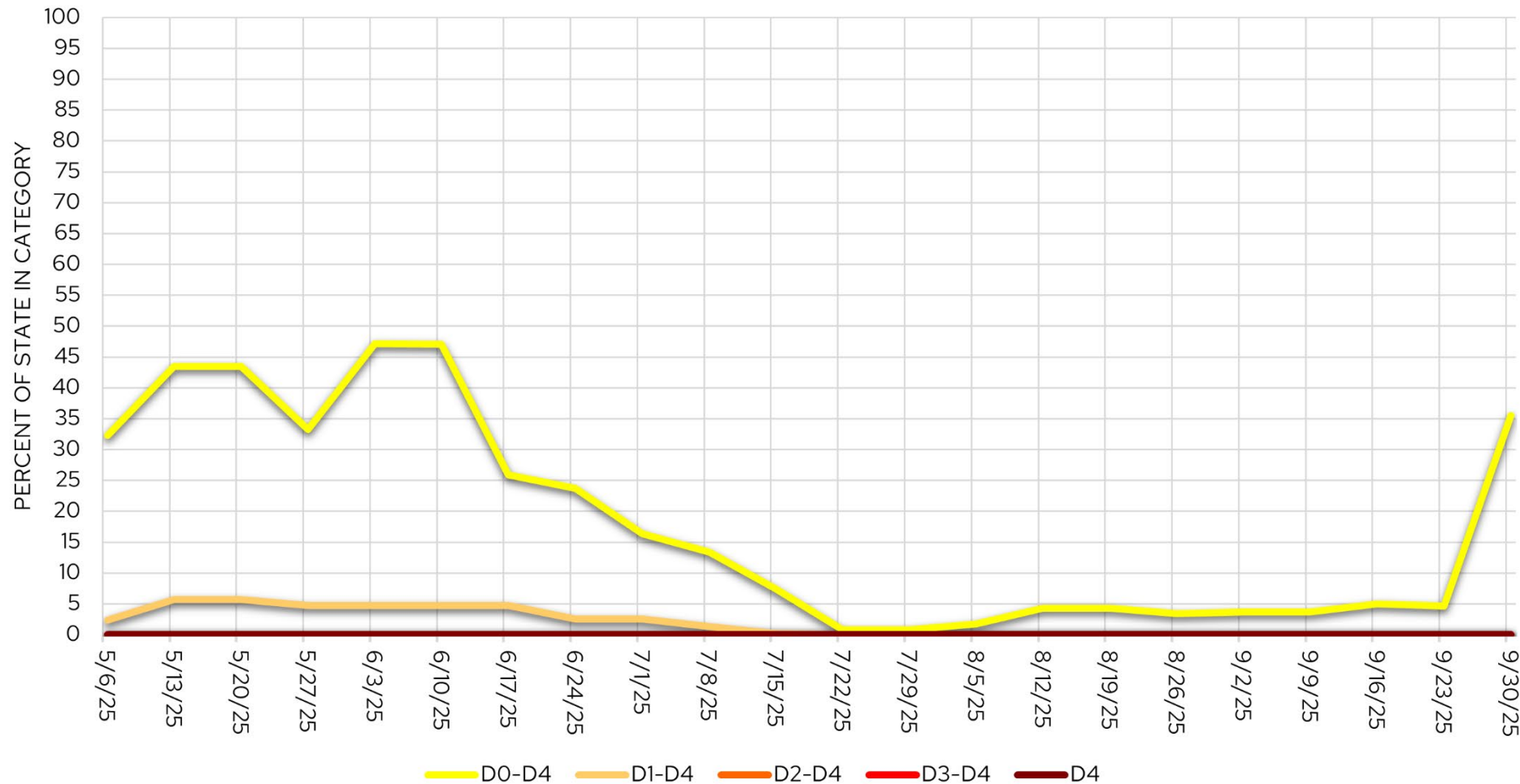
September 30, 2025  
compared to  
September 23, 2025

[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)



# USDM Time Series

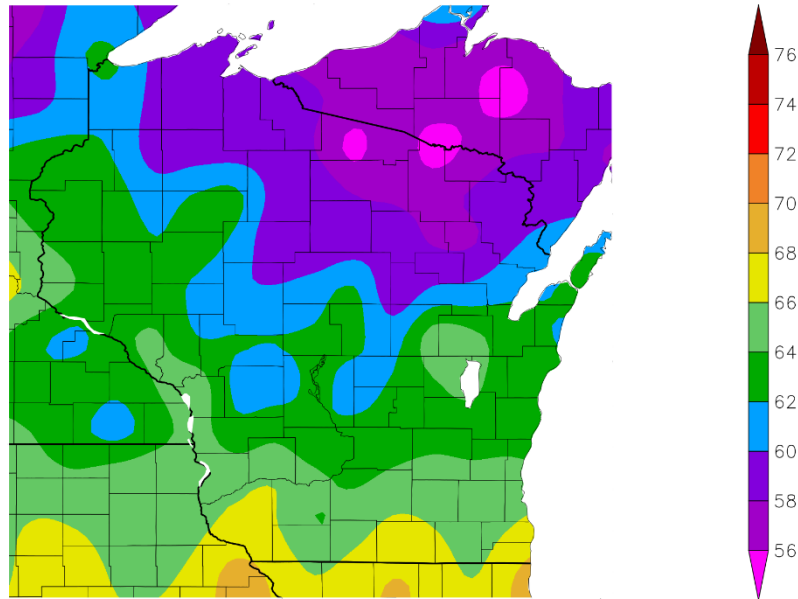
## Wisconsin Drought Time Series (USDM)



➤ **30% increase** in D0 coverage since last week, mainly in the north and southwest.

# 7 Day Temperatures

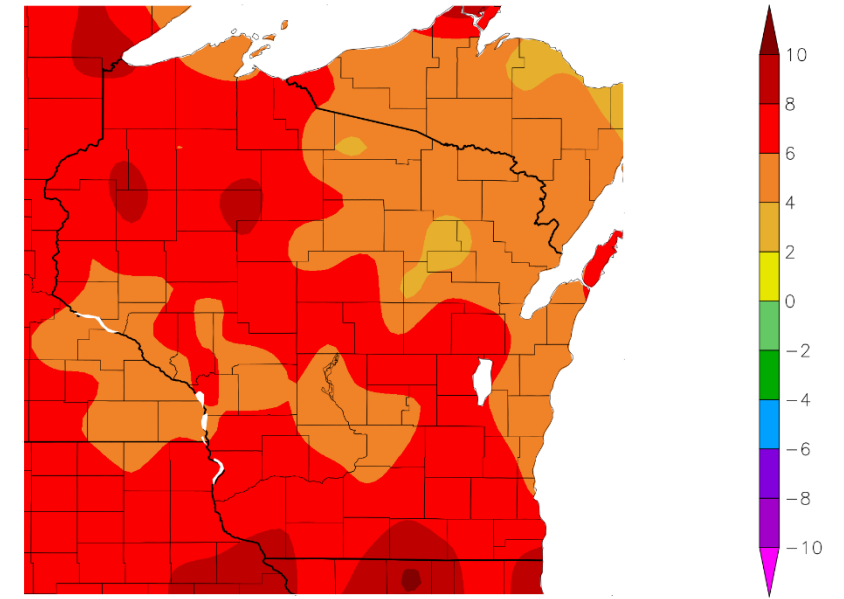
Temperature (F)  
9/23/2025 – 9/29/2025



Generated 9/30/2025 using provisional data.

ACIS Web Services

Departure from Normal Temperature (F)  
9/23/2025 – 9/29/2025



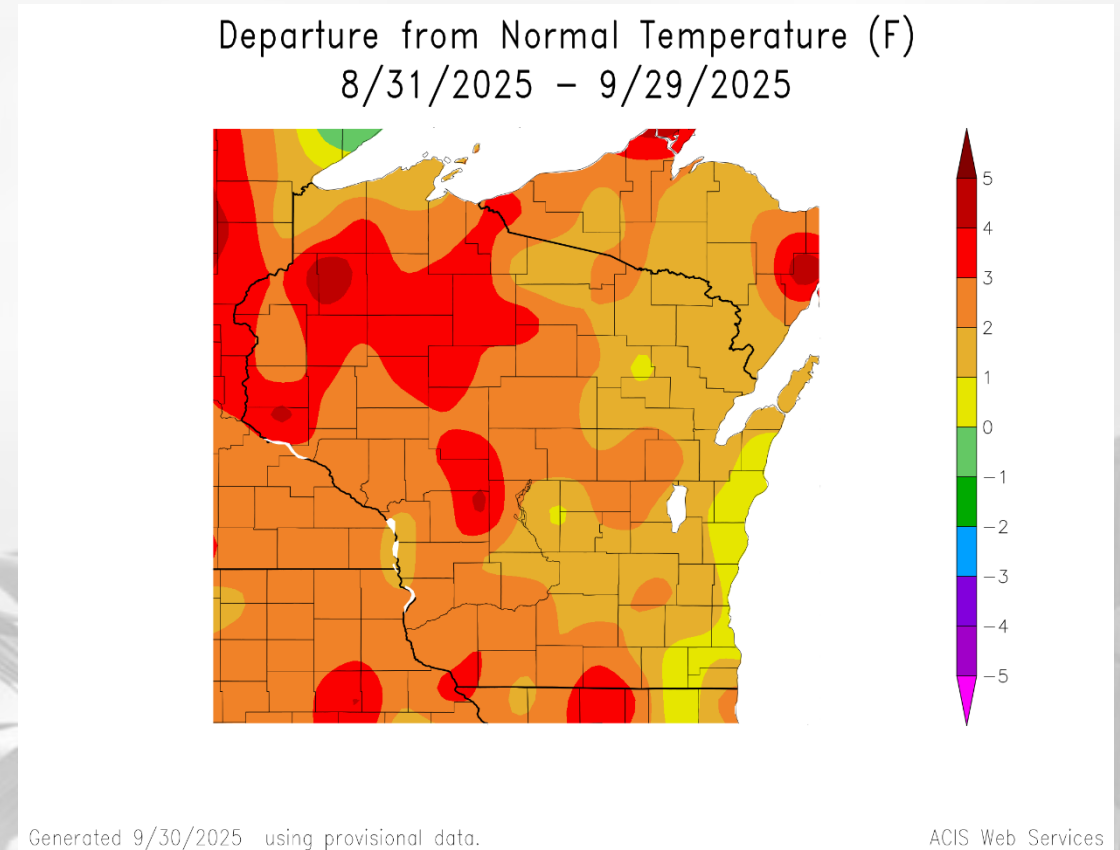
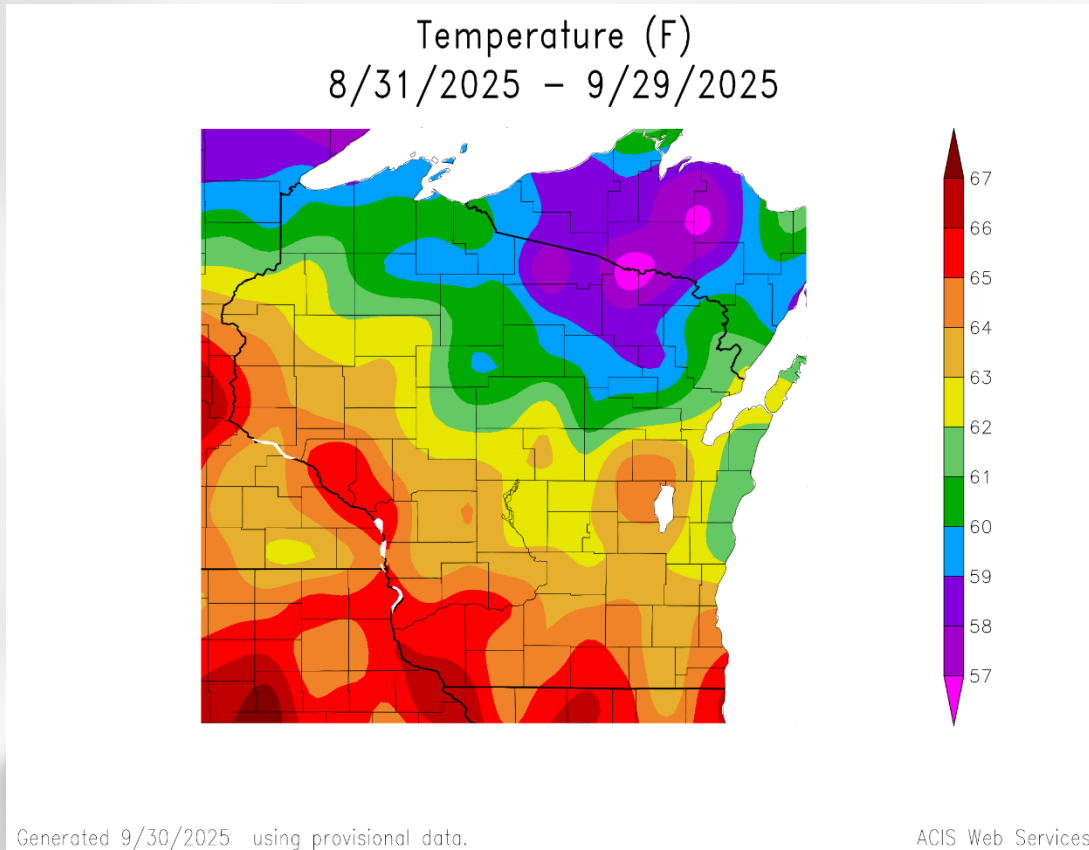
Generated 9/30/2025 using provisional data.

ACIS Web Services

- Average temp. range of **62-68°F** in the south; **56-62°F** in the north.
- **4-8°F above normal** for most of WI; pockets of **2-4°F** and **8-10°F** above normal.



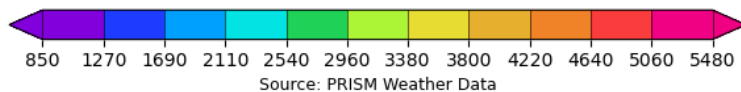
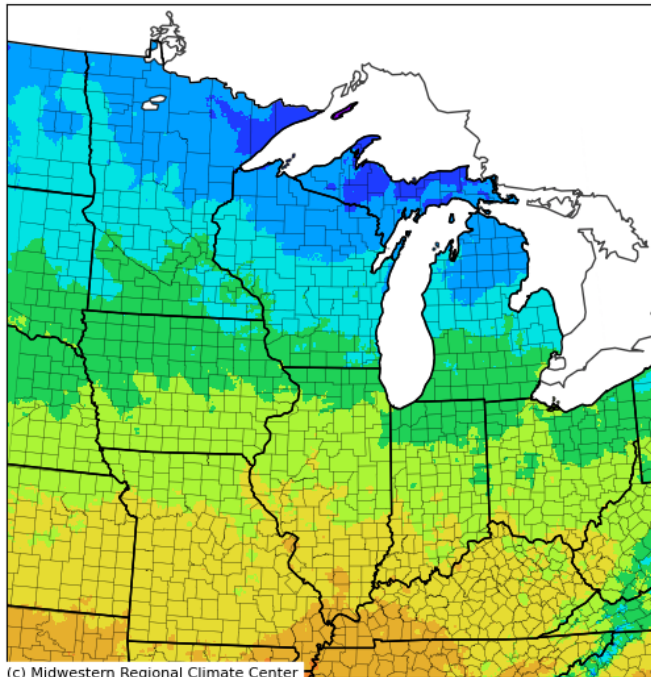
# 30 Day Temperatures



- Average temps. ranged from **63-66°F** in the south and west; to **57-59°F** for the far north.
- **Above average** temperatures across the state.
  - **1-2°F** above normal along Lake Michigan; **3-4°F** above normal in the NW and pockets in central and southern WI.

# Growing Degree Days (Base = 50°F; Since May 1)

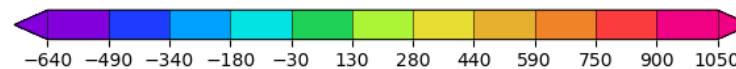
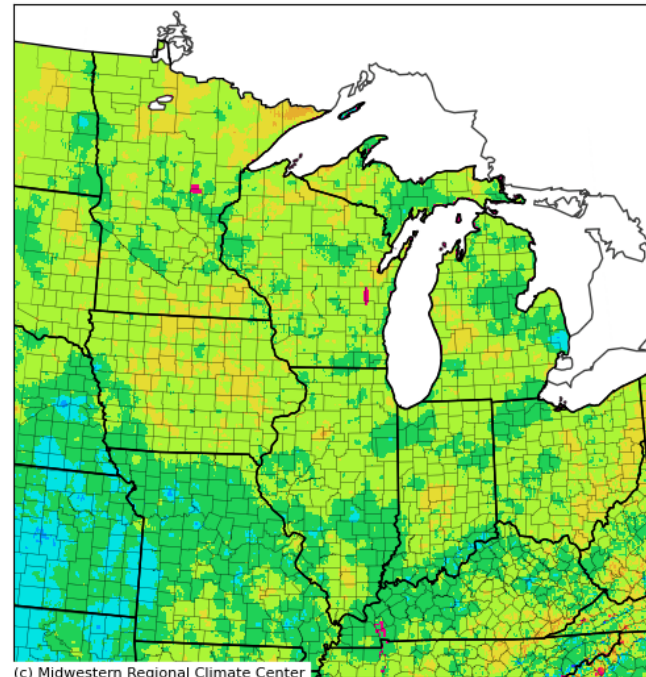
**Total MGDD (50°F/86°F)**  
April 01, 2025 to September 28, 2025



Source: PRISM Weather Data

Generated on: Mon Sep 29, 2025 16:34:03 EDT

**Total MGDD (50°F/86°F): Departure from 1991-2020 Normals**  
April 01, 2025 to September 28, 2025



Source: PRISM Weather Data

Generated on: Mon Sep 29, 2025 16:42:10 EDT

- Range from **2500-2900 GDD** in the SW to **1700-2100 GDD** in the N.
- GDD accumulation is running **130-280 GDD ahead of schedule** across most of WI.

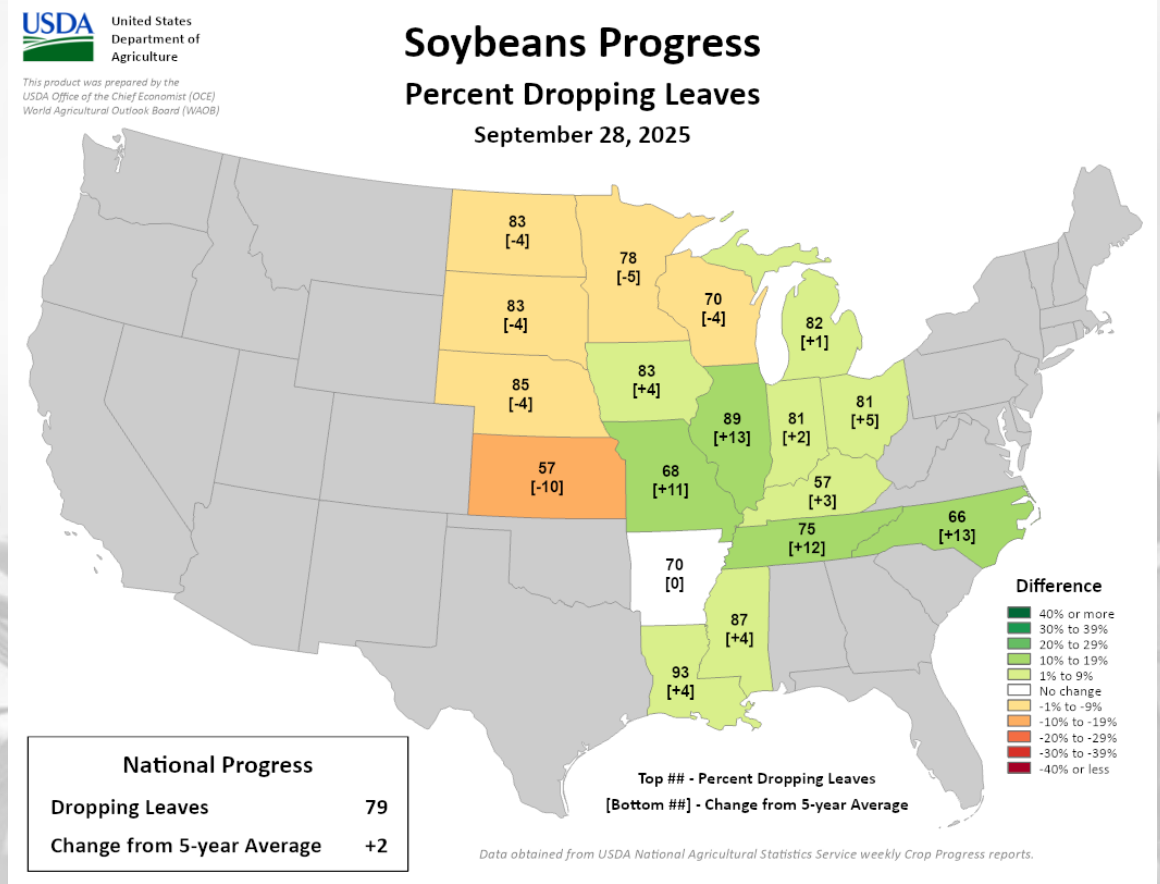
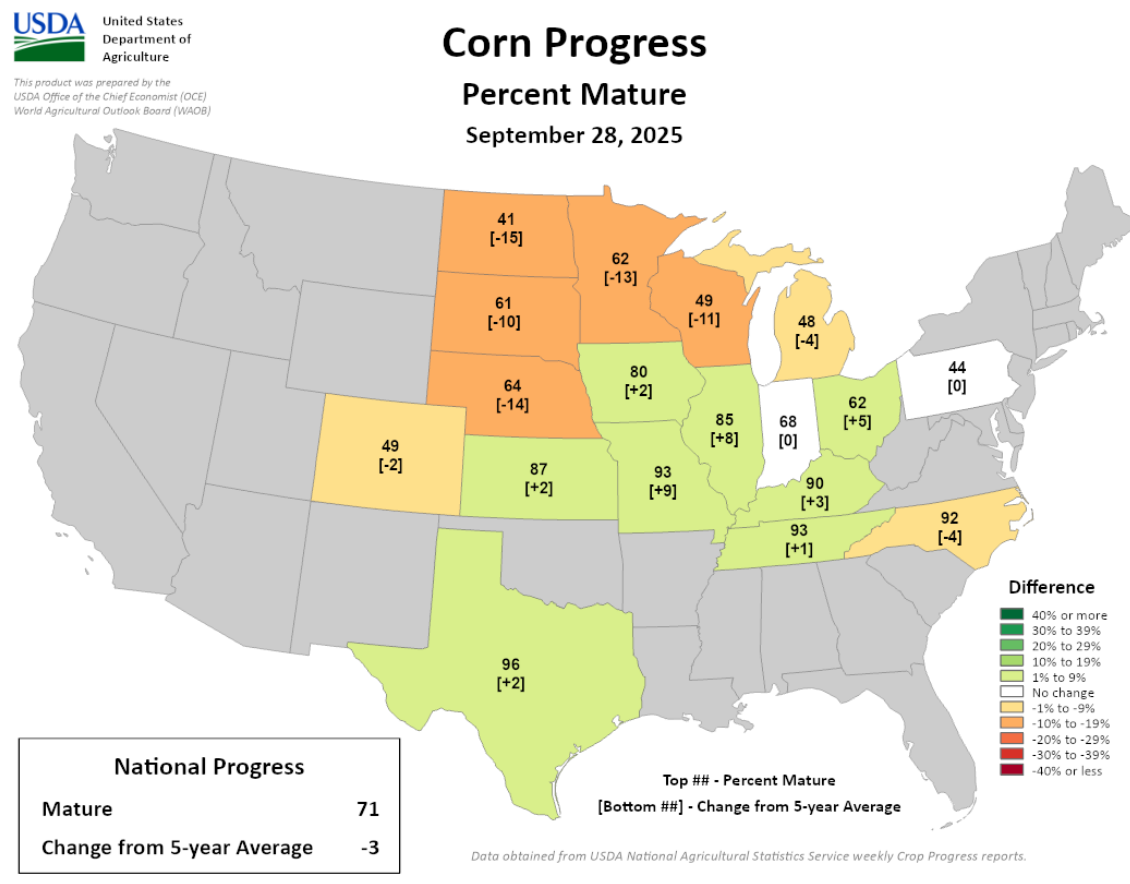
To calculate GDD for your corn variety and planting date, use this [tool](#).

To see specific degree models for pests in your location, use the [Vegetable Disease & Insect Forecasting Network](#).

<https://mrcc.purdue.edu/ag-climate-dashboard-recent#recent-degreedays>  
<https://mrcc.purdue.edu/ag-climate-dashboard>



# Corn & Soybean Progress

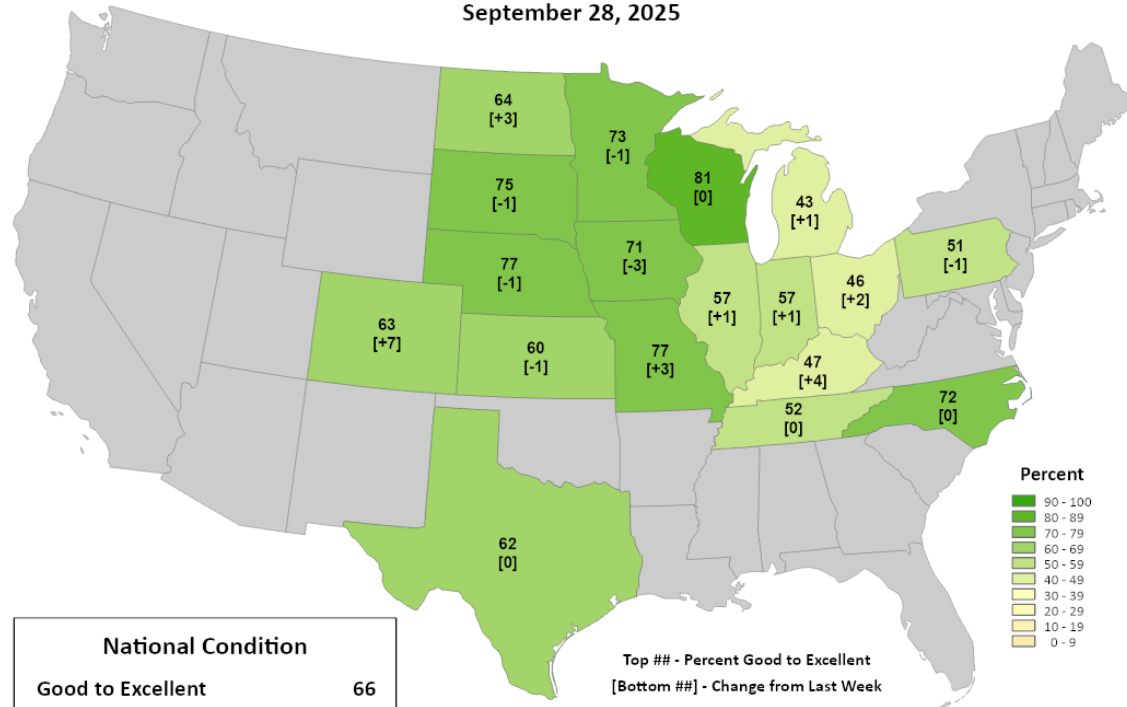


- Corn is mature in **49%** of WI fields which is behind the normal pace for late September.
  - **4%** of the corn crop in WI is harvested.
- Soybean leaf dropping is **70% complete** in WI fields which is behind the normal pace for late September.
  - Harvest is **6%** complete.

# Corn & Soybean Condition

USDA United States Department of Agriculture  
This product was prepared by the USDA Office of the Chief Economist (OCE) World Agricultural Outlook Board (WAOB)

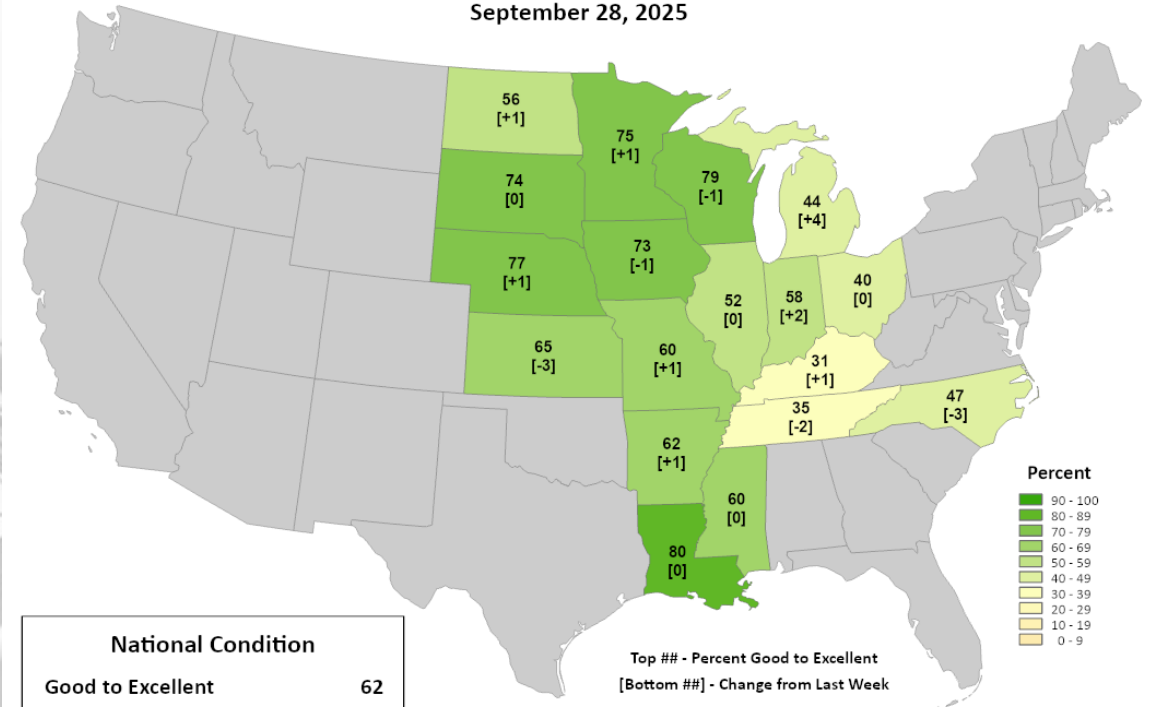
## Corn Conditions Percent Good to Excellent September 28, 2025



Data obtained from USDA National Agricultural Statistics Service weekly Crop Progress reports.

USDA United States Department of Agriculture  
This product was prepared by the USDA Office of the Chief Economist (OCE) World Agricultural Outlook Board (WAOB)

## Soybean Conditions Percent Good to Excellent September 28, 2025



Data obtained from USDA National Agricultural Statistics Service weekly Crop Progress reports.



# Crop Progress Report

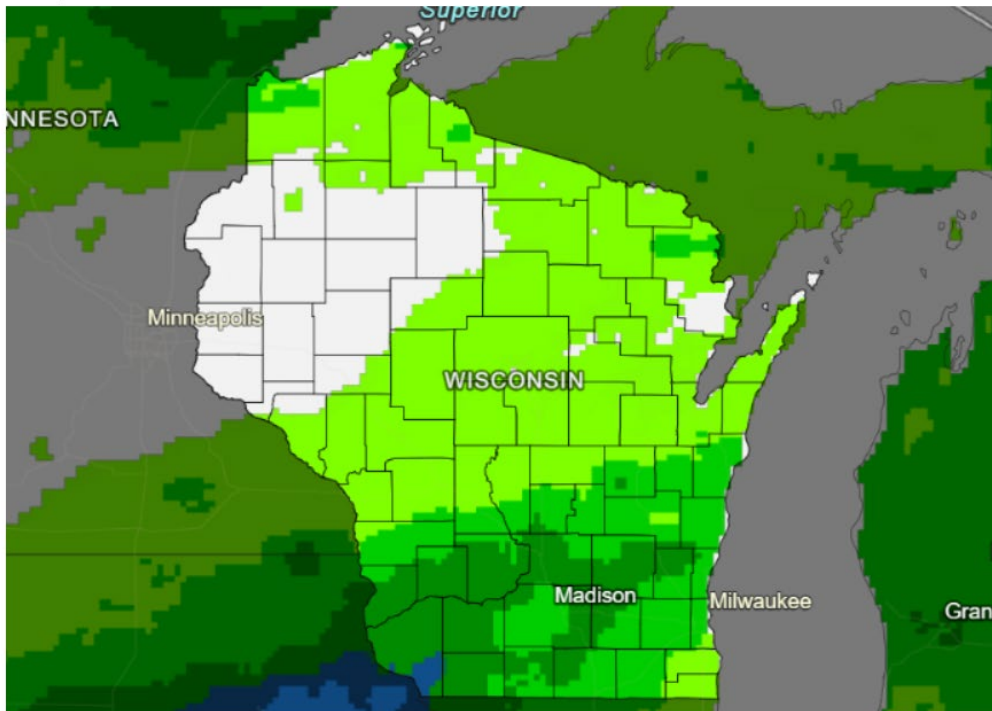
## Crop progress report for Wisconsin for the week ending on Sep 28<sup>th</sup>

- Corn denting is **93%** complete and **49%** of the crop is mature (4 days behind the 5-year average).
  - Condition was rated **81%** good to excellent.
  - Corn silage is **66%** harvested and corn for grain is **4%** harvested.
- Soybean coloring is running at **94%** complete, with **70%** of the crop dropping leaves (2 days behind the 5-year average).
  - Condition was rated **79%** good to excellent.
  - Soybeans were **6%** harvested.
- Winter wheat seeding for next year is **43%** complete, with emergence at **20%**.
- The fourth cutting of alfalfa hay was **90%** complete.
- Pasture and range conditions are rated **61%** good to excellent (**down 2%** from last week).
- Potato harvest is at **72%** complete.

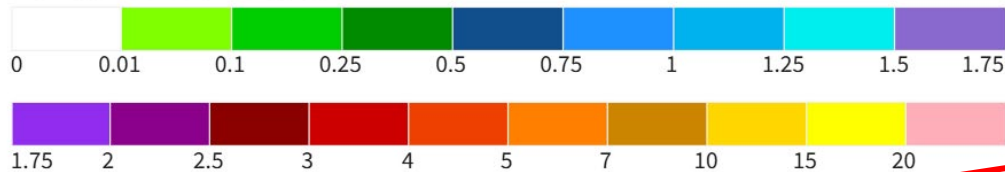
**Full report:** [https://www.nass.usda.gov/Statistics\\_by\\_State/Wisconsin/Publications/Crop\\_Progress\\_&\\_Condition/2025/WI-Crop-Progress-09-29-25.pdf](https://www.nass.usda.gov/Statistics_by_State/Wisconsin/Publications/Crop_Progress_&_Condition/2025/WI-Crop-Progress-09-29-25.pdf)

# 7 Day Precip Forecast

7-Day Quantitative Precipitation Forecast for October  
2-9, 2025



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center  
Last Updated: 10/02/25

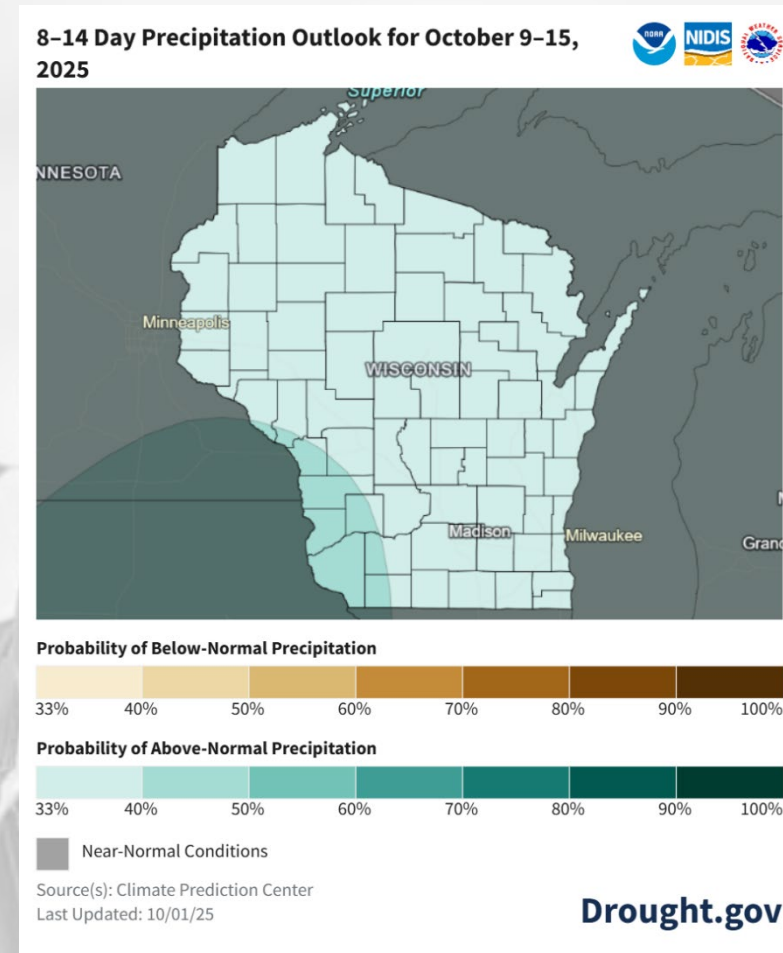
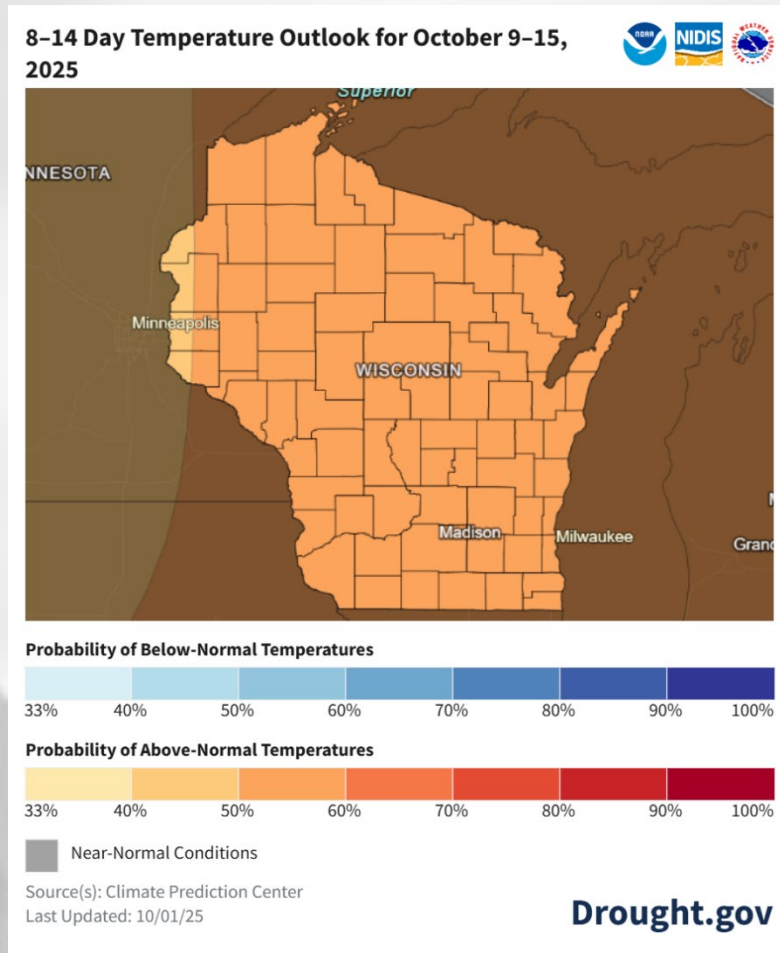
Drought.gov

- **When?** → rain in the south on Monday & Tuesday of next week, with chances in the north on Thursday.
- **Where?** → best chances in the south-central and southwest.
- Check your local forecast for details on totals and timing.
- Average precip (1991-2020) for this week: **0.76"**

**Forecast for 10/2/25 thru 10/9/25**  
(Begins at 7am CDT)

<https://www.wpc.ncep.noaa.gov/qpf/p168i.gif>  
<https://www.drought.gov/states/wisconsin>

# 8-14 Day Temp & Precip Outlook



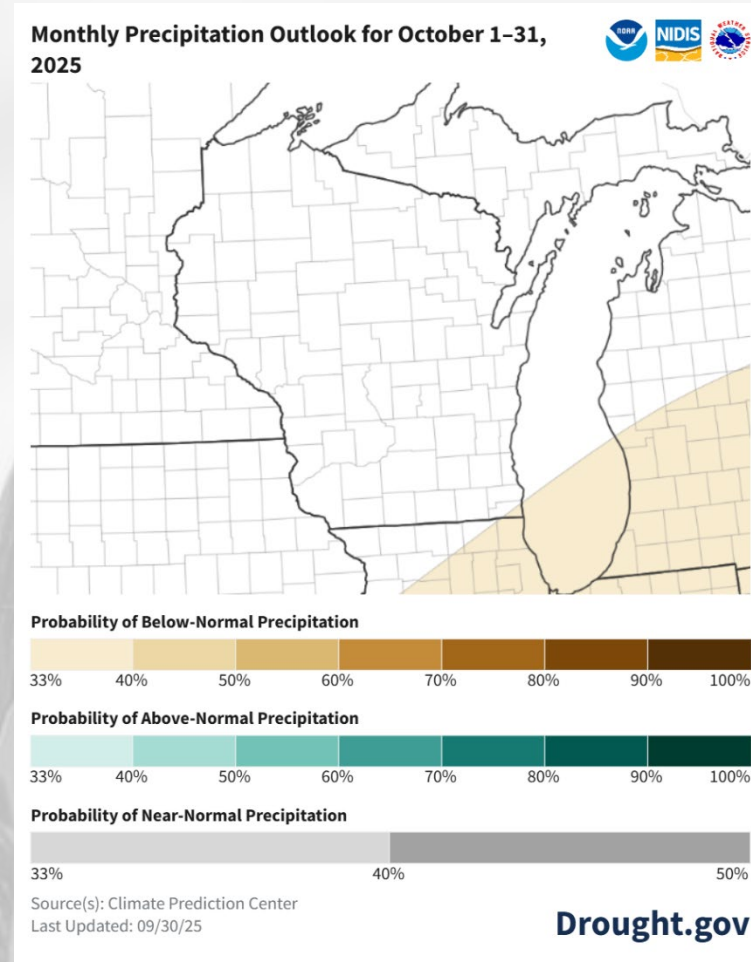
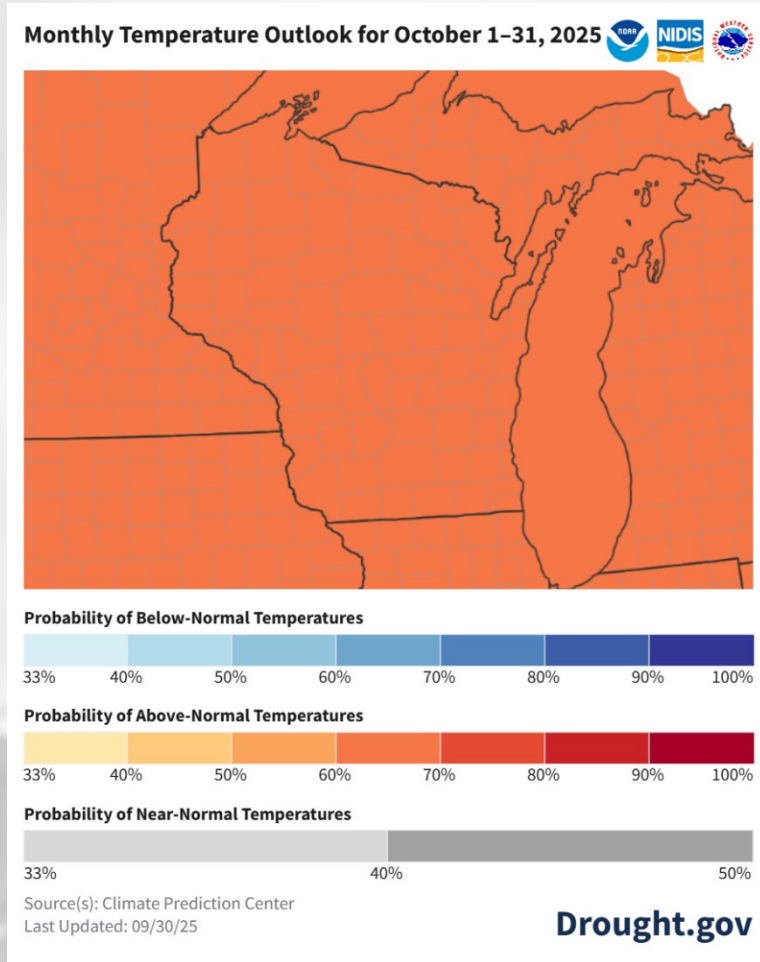
<http://www.cpc.ncep.noaa.gov/>  
<https://www.drought.gov/states/wisconsin>

**Mid October:** Temperatures are likely (50-60% chance) to be above normal. Precip is leaning towards above normal, more so in the SW.

➤ Statewide normals (1991-2020) for October 9-15 are **48.5°F** and **0.72"**.



# 30 Day Temp & Precip Outlook

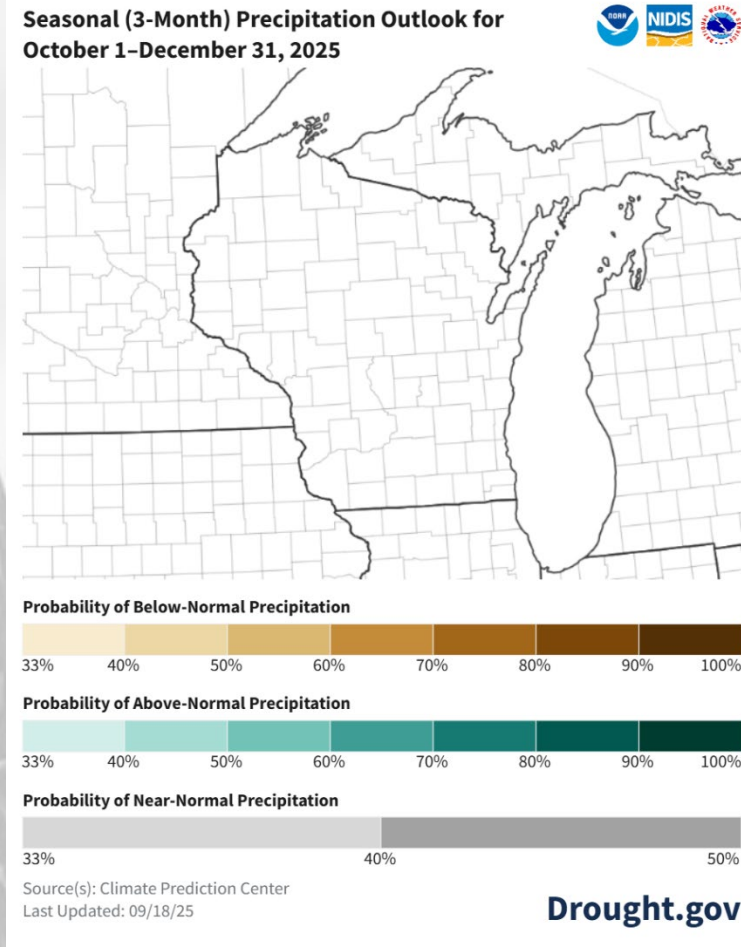
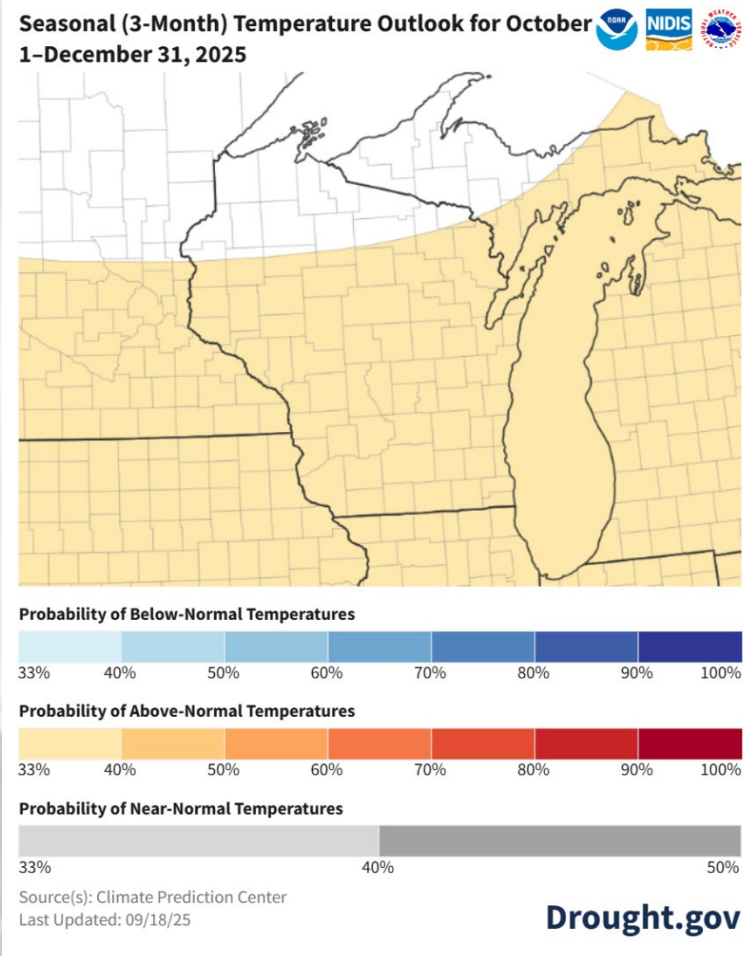


<http://www.cpc.ncep.noaa.gov/>  
<https://www.drought.gov/states/wisconsin>

**Month of October:** Strong likelihood (60–70% chance) for above normal temps statewide.  
Uncertainty for precipitation (equal chances).

- Statewide normals (1991–2020) for October are **46.8°F** and **3.01"**.

# 90 Day Temp & Precip Outlook



<http://www.cpc.ncep.noaa.gov/>  
<https://www.drought.gov/states/wisconsin>

**Fall to Early Winter 2025:** Equal chances for precipitation statewide. Slight lean towards above normal temps for most of WI (uncertainty in the far N).

- Statewide normals (1991–2020) for Oct–Dec are **33.9°F** and **6.52"**.

# Take-Home Points

## Current Conditions

- **Summertime warmth** remained over the state last week, with **average highs in the 70s to 80s**. A large portion of WI was **4-8°F above normal**.
- **Rainfall was sparse** over the last week, with most of the week's rain falling the early hours of 9/23. 7-day totals were largely **less than 0.1"**.

## Impact

- Topsoil moisture at most Wisconet research farm stations were **below last week's levels** due to little-to-no rainfall. The latest [NASS](#) report indicates a **3-4% increase** in the percentage of agricultural soils that are dry to very dry.
- Wisconsin remains drought free, but abnormal dryness (D0) expanded to now cover **>35% of the state** (north, SW).
- Corn and soybean crops are **near maturity or at maturity** in most WI fields, with conditions remaining **good to excellent for most** ([NASS](#)). Soybean and corn harvest have begun, with corn silage harvest at two-thirds complete. Winter wheat is beginning to emerge as the fourth cutting of alfalfa is nearing completion.

## Outlook

- The best chances for precip over the next 7 days in the **south/southwest**, and lowest in the northwest.
- Climate probabilities for mid October indicate an increased **likelihood** (50-60% chance) to be **warmer than normal**, with a lean towards **above normal precipitation**.
- The outlooks for the month of October (*updated 9/30*) indicate a **strong likelihood** (60-70% chance) for **above normal temps**. Precip is uncertain.



# Agronomic Considerations

## Field Work and Conditions

- Corn and soybean grain harvest has begun, driven by dry conditions.
- The lack of rainfall has been challenging for cover crop establishment.
- After crop harvest is an ideal time to take soil samples and plan ahead for next year's crop nutrient needs.

## Manure Applications

- Reminder of Wisconsin's NR 151 Runoff Rules with the timing of manure spreading and current runoff levels. Check DATCP Runoff Risk Advisory Forecast.
- Fall is a great time to have manure samples analyzed for nutrient content before spreading. Here is a list of Wisconsin certified labs.
- As you conduct fall spreading, keeping field records is important to estimate nutrient credits for next year's crop and avoid over-application. A2809 can provide guidance on these nutrient estimates.

## Pest Management

- The DATCP Pest Survey has concluded for the season as pest pressure is winding down.
- Southern Rust has been reported across the state. Heavy disease pressure can cause premature dry down, reduced kernel weight, and lower yield potential.
- In order to prevent weed seed spread from field to field, combine cleaning is essential for reducing seed travel between fields.

## Forage Management

- Silo gas has been present around a variety of silage storage structures this year. Be aware of the dangers of silo gas and stay away from recently filled structures, particularly when the weather is calm with no wind.
- Use the alfalfa cutting tool if you will make a final cut in October to manage for stand persistence.
- Begin sampling and estimating moisture as silage matures. Read corn silage harvest management considerations.
- Foliar disease presence can make silage harvest timing critical. Read these considerations for managing disease at chopping.
- Explore the new Corn Silage Dry Down Monitoring Tool to see what samples are measuring at in your region as well as read regional reports.
- Consider planting a cover crop after silage. This will aid in reducing soil erosion going into winter.

## Small Grains

- The window to plant winter wheat is here (September 20–October 10). Review planting and management guidelines as well as Top 9 suggestions for 2025 establishment.

# Fruit Considerations

## General

- **Reminder:** Always read and follow directions on the label and keep in mind pre-harvest intervals (PHI) as we move through harvest!
- [Sun scald and southwest injury](#) to trunks and branches have been observed across many orchards and vineyards this summer, likely due to wide variations in winter temperatures that can cause trunk and branch cracking. Growers may consider flagging trees and branches while harvesting, then return this winter to prune out impacted branches and take a closer look at injury.
- [Fruit sunburn](#) continues to be observed across many fruit crops in southern WI. Consider removing this fruit while out picking to prevent other pests attracted to the volatiles (scent).
- **Sanitation:** remove and destroy (chop/compost) fallen fruit ~weekly to prevent any internally developing larvae from reaching maturity, and to limit the spread of disease.
- WI fruit growers can reference the [Midwest Fruit Pest Management Guide](#) (MFPMG) for a list of registered products and recommended best practices. ([MFPMG Hard Copy](#))
- [Brown marmorated stink bug](#) has been observed at West Madison. Keep an eye out for large populations. Hosts include apple, cherry, peach, pear, raspberry, and cranberry.

## Apples

- Apple and grape growers can reference the NEWA weather station network to monitor for disease infection periods in their area. Check out your nearest weather station: [NEWA Weather Station Network \(Cornell\)](#).
- Apple growers should continue monitoring pheromone traps and degree-day (base 50°F) accumulation for [Codling moth](#) through harvest.
- [Apple maggot](#) pressure is variable across the state. Growers should continue to use red sphere traps to monitor populations.
- Check out the WI DATCP [Orchard Insect Pest Bulletin](#) for more information on current insect trap captures across the state.

## Grapes

- Table and wine grape harvest is officially completed at West Madison Research Station, harvesting Petite Pearl, La Crescent and Frontenac this week. Check out last week's [WI Fruit Crop Scouting Report](#) for updates on grape maturity testing.
- Grape growers dealing with uneven ripening may reference this 2024 WI Fruit News article: [Understanding and Addressing Uneven Ripening in Grapes](#).
- Black rot and fruit rot symptoms continue to be reported in vineyards around WI. Review this 2022 article by Dr. Leslie Holland on [Fruit and Cluster Rots](#) for more information on black rot and fruit rot management around harvest.
- Downy mildew may impact grape quality at harvest. Read more about signs/symptoms and management in this 2024 WI Fruit News article on [late-season downy mildew](#).

## Berries

- Grape and berry growers monitoring [spotted wing drosophila](#) should continue checking and refreshing traps weekly through harvest.



# Vegetable Considerations

## General

- As crops finish up for the season, there is still time to establish winter rye across the state as well as winter wheat and winter barley in southern WI. Use the Midwest Cover Crop Council's [cover crop selector tool](#) to determine the latest planting date for each species in your specific county.
- Pest management for next year's crops starts this fall as many insects and diseases overwinter on crop residue. Residue management (either removing or tilling in residue) can help reduce next year's pest and disease pressure. Pests include asparagus beetles, crucifer flea beetles, imported cabbage worms, squash bugs, onion maggots and more. Diseases include angular leaf spot, early blight, stemphylium leaf blight, brassica alternaria, and phytophthora blight of cucurbits. Additional information can be found [here](#).

## Pests

- If you are noticing distorted & stunted leaves or [russeting on your high tunnel peppers](#), you might have [broad mites or cyclamen mites](#). These mites also feed on a wide range of flowers including dahlias and snapdragons. They can be difficult to control as they hide in developing buds and the distorted leaves. Management options include releasing [predatory mites](#) if pest populations are not too high and [chemical controls](#).
- Be on the lookout for [cabbage aphids](#) and [green peach aphids](#) in fall brassicas & greens. They can be difficult to see so look for yellowing & wilting leaves, deformed heads, & drops of honeydew aka aphid poop which is a thick, sticky liquid. Their populations can explode quickly in the fall as reproduction rates actually increase in cool temps (50-68°F).
- The risk of damage from [western flower thrips](#) remains high across northern WI and along lake Michigan. Thrips can be difficult to control as a result of their small size and their tendency to hide. However, there are many tactics that can be combined for better management. Options include promoting more beneficial insects such as minute pirate bugs, using reflective mulch, and chemical control. More details on control options can be found [here](#).

## Diseases

- While **powdery mildew** will not infect the fruit of pumpkins, the [stems can be infected](#) resulting in shriveled and weak stems for Halloween pumpkins. It is recommended to cut the stems even if the pumpkins are not fully mature as they will [ripen off the vine](#). Additionally, if vines die back from powdery mildew, the fruit can be susceptible to sunscald so be sure to monitor your crop in the field.
- This year's moisture stress combined with high temperatures can increase the risk of potato tuber diseases during this time of year. Test dig potatoes to look for [pink eye](#), enlarged lenticels, and other physiological conditions. If you notice any of these abnormalities, make sure you are carefully monitoring for disease in storage. Diseases to be monitoring for include [pink rot](#), [late blight](#), [pythium leak](#), and [bacterial soft rot](#). More information on symptoms and management options can be found [here](#).
- Scout for symptoms of [alternaria and cercospora](#) on carrot leaves. These diseases can be difficult to tell apart as both cause brown lesions often surrounded by a yellow halo. One distinguishing factor can be the timing of infection. Cercospora often occurs on young, rapidly growing plants while alternaria often occurs on older plants although can occur on young plants as well. Both can cause yield loss due to petioles breaking off during mechanical harvest if disease pressure is high.
- [Cercospora](#) can also cause losses during mechanical harvest of table beet. While we have received little rain in recent weeks, the dewy mornings provide favorable conditions for this disease. Management options include control of alternative weed hosts (lambsquarters and pigweed), [fungicides](#), and minimizing leaf wetness with overhead irrigation.



# User Survey

Are you a regular user of the Ag Weather Outlook for Wisconsin (AgWOW)? Or maybe you are viewing these slides for the first time this week? Either way, we want to hear your feedback on this resource! Please take a few minutes and fill out this survey:

[LINK TO SURVEY](#)

Your feedback will help us better serve your ag-weather data needs through AgWOW.

If you have any trouble accessing or filling out the survey, please email Josh Bendorf at [jbendorf@wisc.edu](mailto:jbendorf@wisc.edu).

Thank you!!

-The AgWOW Team

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Photo Credit: USDA



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