

## Increasing Threat for Severe Weather Today



### Damaging Thunderstorms Expected this Afternoon!



August 10, 2020

#### TIMING

1 to 7 PM

#### THREATS

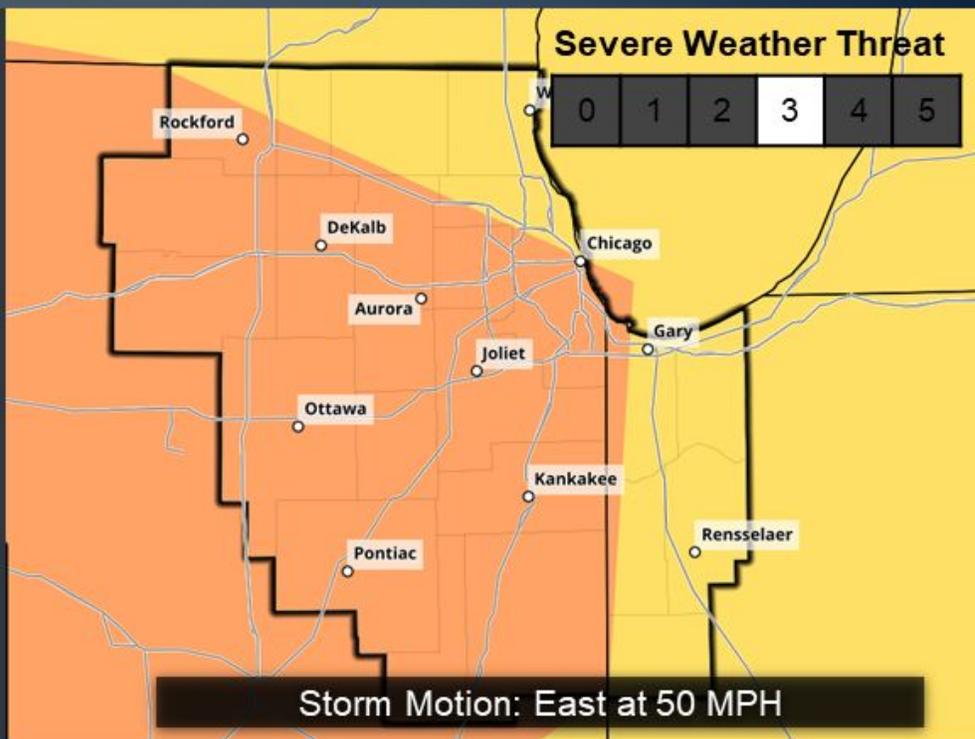
Damaging Winds > 70 MPH  
Large Hail to Half Dollar sized  
A Tornado or Two

#### IMPACTS

*Widespread Downed Tree Limbs*  
Power Outages

#### ACTIONS

✓ Have multiple ways to get warnings!



### Weather Message of the Day:

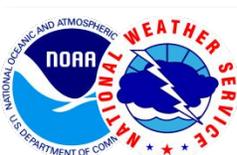


- Confidence in severe weather--**potentially widespread**--has increased.
- Main time window of concern is about **1 PM - 7 PM today**.
- Primary threat: **wind damage with gusts in excess of 70 mph**, but large hail and a tornado or two will also be possible.

### Important Forecast Changes



This is the only SITREP for this event.  
Confidence in severe weather has increased.



# Increasing Threat for Severe Weather Today

## General Timing Information



### Damaging Thunderstorms Expected this Afternoon!

August 10, 2020



1:00 PM CDT

3:00 PM CDT

5:00 PM CDT



Lowest Highest

#### THREATS:

Damaging Winds > 70 MPH  
Half Dollar Size Hail  
A Tornado or Two

#### Severe Weather Threat



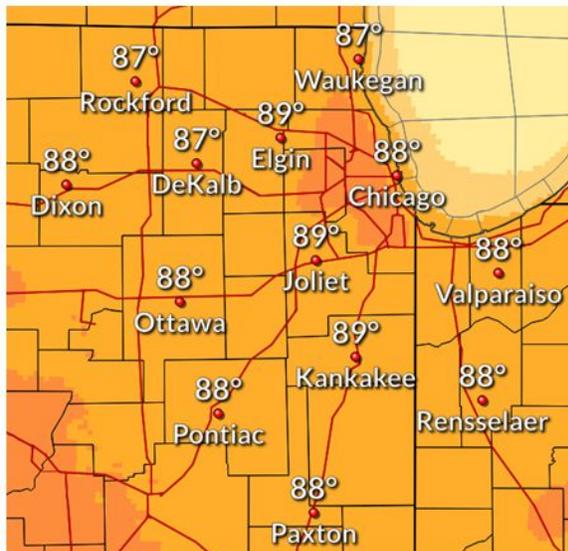
**Additional Information:** A line of thunderstorms is expected to develop across Iowa this morning and track eastward into the region, by early afternoon across the I-39 corridor, and through the mid-late afternoon closer to Chicago and the I-55/57 corridors.

Conditions should improve quickly by early this evening in the wake this thunderstorm complex.

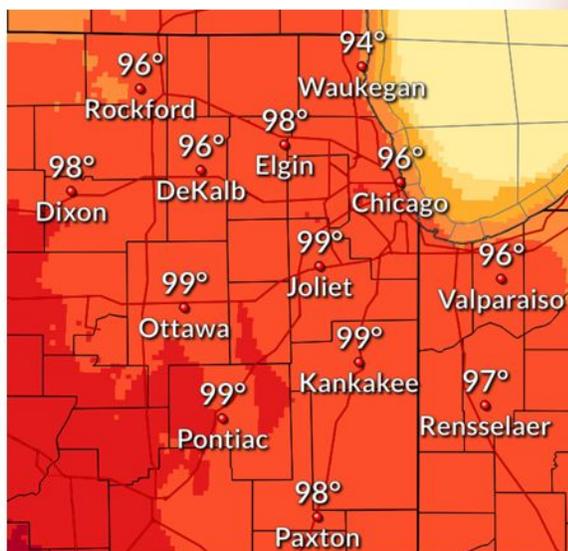
## Increasing Threat for Severe Weather Today

### Hot and Humid Before Storms Today

Forecast High Temperatures (°F)



Forecast Peak Heat Indices (°F)



#### SAFETY:

- ✓ Limit strenuous outdoor activities
- ✓ Minimize sun exposure
- ✓ Stay hydrated with frequent breaks in AC
- ✓ Check on elderly, sick, & those without AC
- ✓ NEVER leave children or pets unattended in vehicles

#### Additional Information:

- Higher humidity today will result in early-afternoon heat indices peaking between 95 and 100 degrees, locally just above 100 in spots.
- Extra care should be taken this afternoon to remain cool and hydrated.
- Storms will result in quickly cooling temperatures through late afternoon and early-evening.



## Severe Thunderstorm Preparedness



A **Severe Thunderstorm Watch** is issued when conditions are favorable for severe thunderstorms to develop. When a watch is issued, it is time to *prepare and stay weather aware*.

A **Severe Thunderstorm Warning** is issued when a thunderstorm poses a threat to life or property. Now is the *time to act!*

**Have a NOAA weather radio handy** and make sure it is tuned to the right transmitter:

<http://www.nws.noaa.gov/nwr/Maps/index.php>

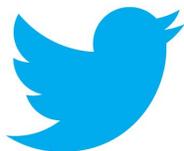
**How do I stay safe?** Go indoors and stay away from windows. If you are caught outside, do not seek shelter underneath a tree – they are prone to lightning strikes. A hard-topped vehicle may offer some protection as a last resort. Do not touch the sides of the vehicle.

***All thunderstorms can be deadly: When Thunder Roars, Go indoors!***

## Other Resources

- [Check out our Weather Watcher webpage](#)– ideal for someone in charge of monitoring the weather ahead of and during an event!
- [Information on storm safety and storm preparedness](#)
- [Enhanced Hazardous Weather Outlook](#) – helps you figure out which days you need to be mindful of hazardous weather!

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# Building a Weather-Ready Nation