



Widespread Soaking Rainfall

May 19, 2025

4:15 AM

Conditional severe risk tonight and Tuesday

Key Messages

- Widespread rain event for the area through midweek, with the heaviest rainfall tonight into Tuesday.
- There is a low risk of severe storms tonight south. Hail looks to be the primary risk.
- Potential for strong non-thunderstorm winds gusting over 40 mph late tonight and early Tuesday.
- There is a low severe weather risk Tuesday PM/evening. Tornadoes and winds are the main risks.

NEW

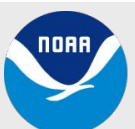
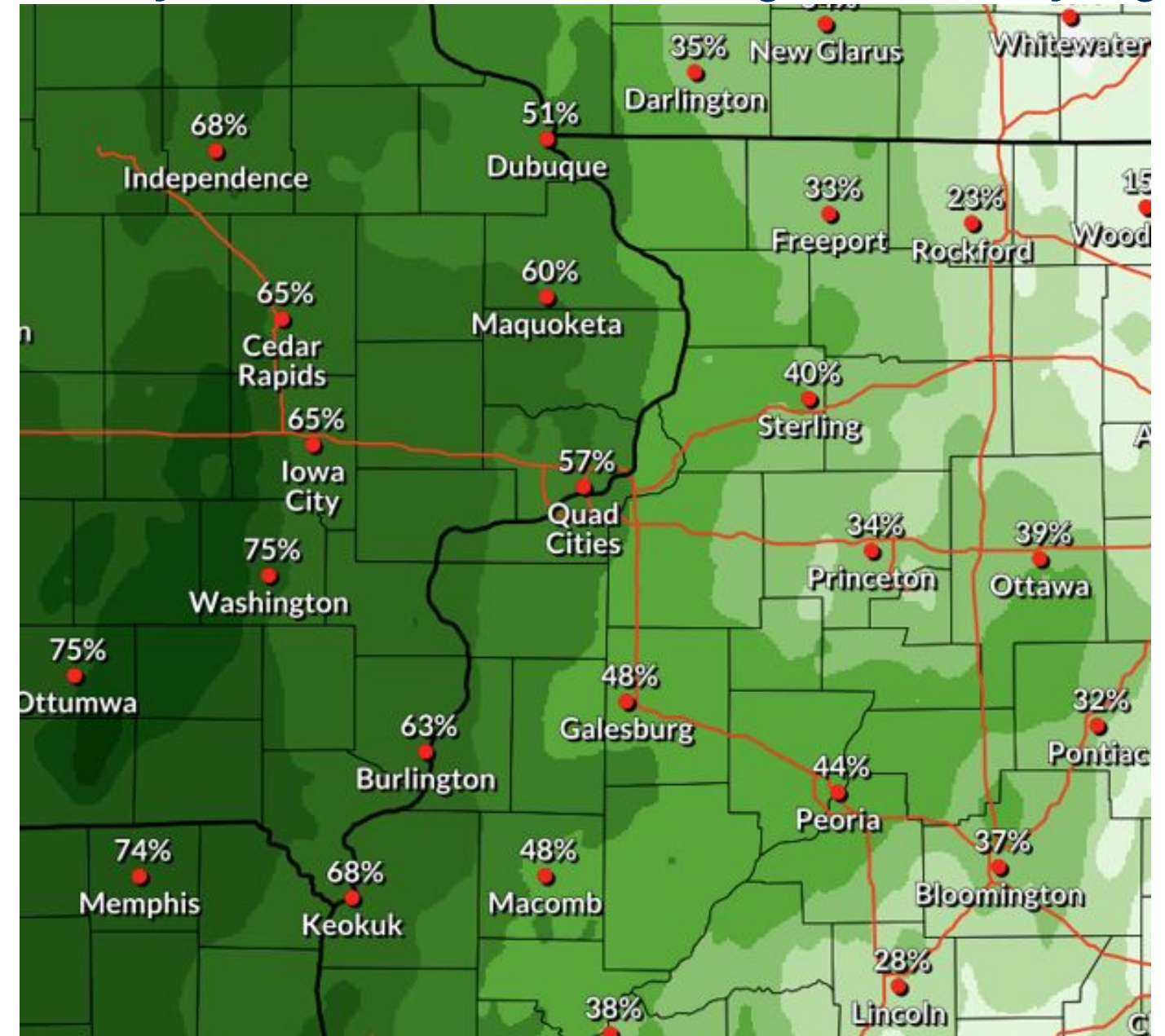
What Has Changed

- ...First issuance

Next Scheduled Update

- By...4:00 PM Today

Probability of 2" or more of rain through Wednesday Night



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Quad Cities, IA/IL

Forecast Confidence

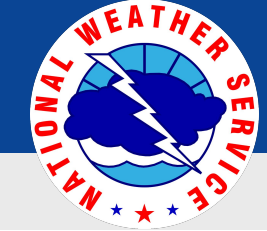
Forecaster Insight

What We Know

- A storm system will bring a widespread soaking rain the first half of the week.
- Confidence is high that much of the area will see at least an inch of rainfall. There will be bands of rainfall that may total 2-3 inches.

What Is More Uncertain

- The severe risk for late this afternoon and tonight due to uncertainty on where the warm front will set up.
- The Tuesday severe risk is conditional depending upon how much daytime heating occurs.



Severe Storms Possible Tonight

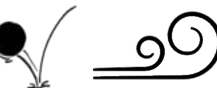
May 19, 2025
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Severe risk is dependent upon where the warm front sets up

Key Messages

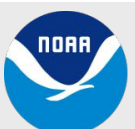
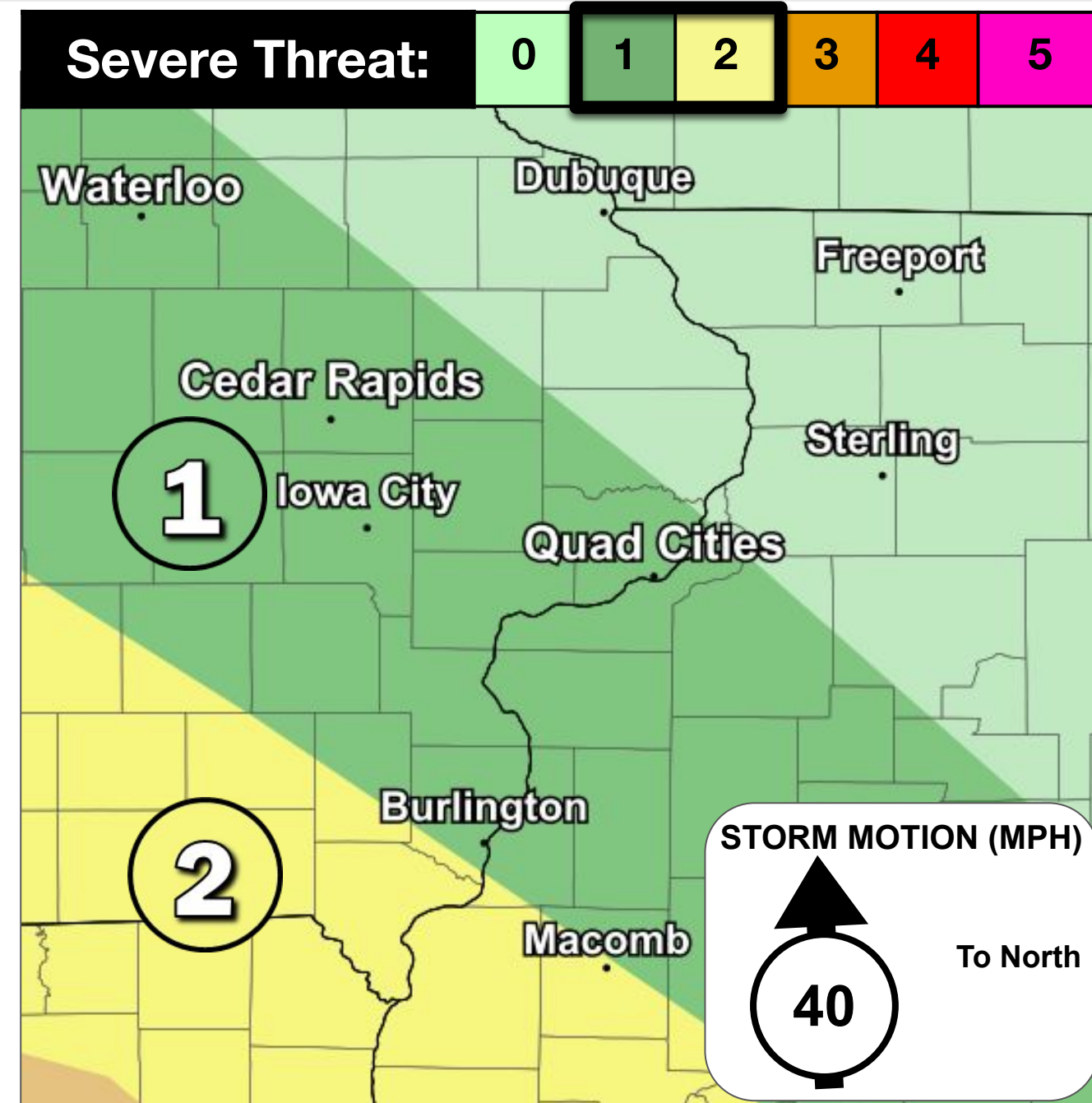
- The time most favored for severe storms looks to be 6 PM to 12 AM.
- Non-thunderstorm winds may gust over 40 mph overnight.
- Rainfall rates may approach an inch per hour at times resulting in localized ponding of water.

Hazards with Any Severe Storms

-  Hail is the primary risk. Although not zero, the damaging wind and tornado risks appears low.

Actions

- Have multiple ways to receive warnings, especially if you will be asleep!
- When thunder roars, go indoors!



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Quad Cities, IA/IL

Approximate Forecast Thunderstorm Timing

Be Weather Aware!

Timing

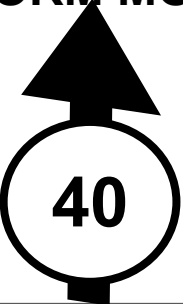


6 PM to 12 AM

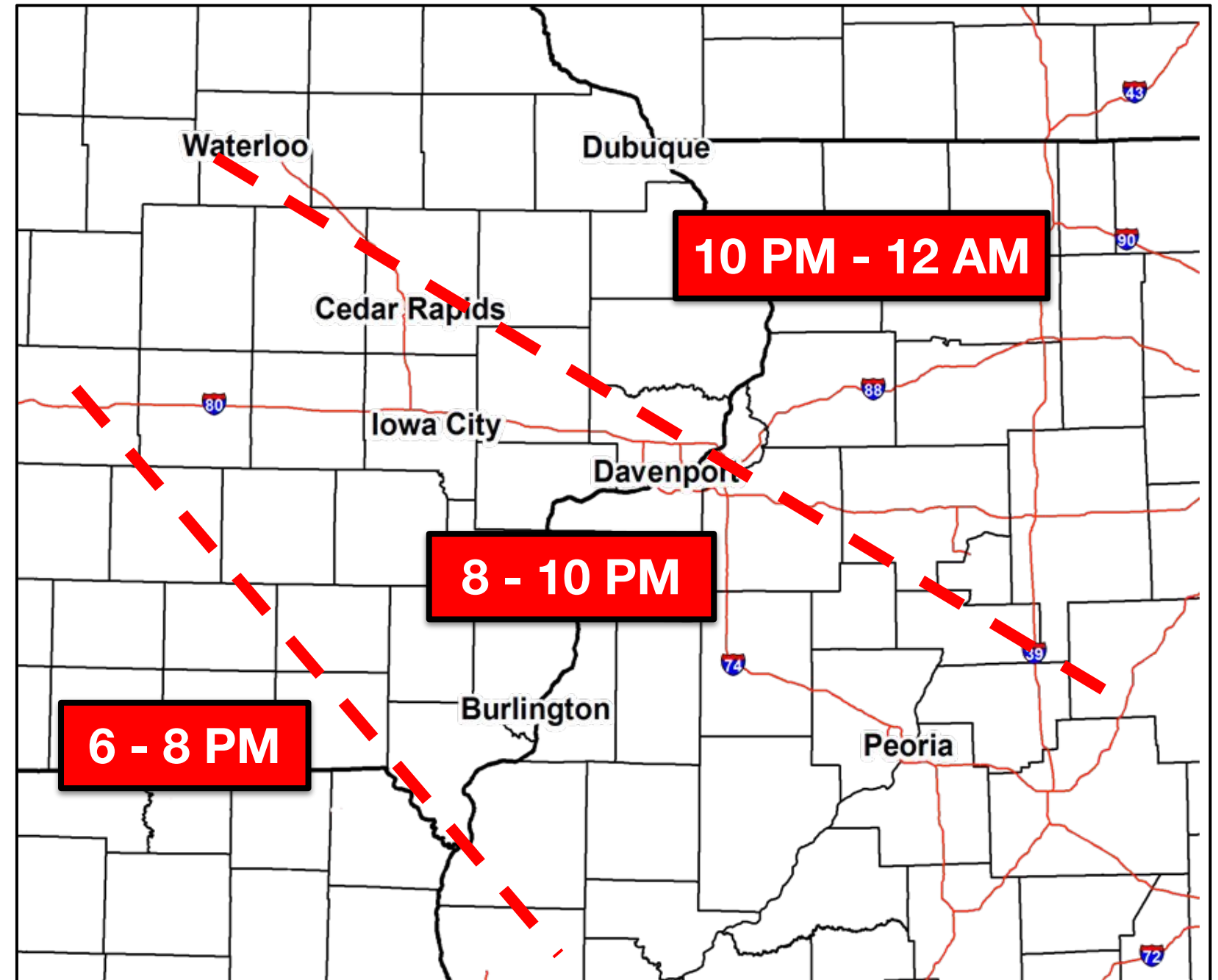
Additional Supplemental Info

- Non-thunderstorm winds may gust up to 45 mph overnight.
- Rainfall rates may approach 1 inch per hour at times in the stronger storms

STORM MOTION (MPH)



To North



National Weather Service
Quad Cities, IA/IL



Severe Storms Possible Tuesday

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Severe risk is dependent upon the amount of daytime heating

Key Messages

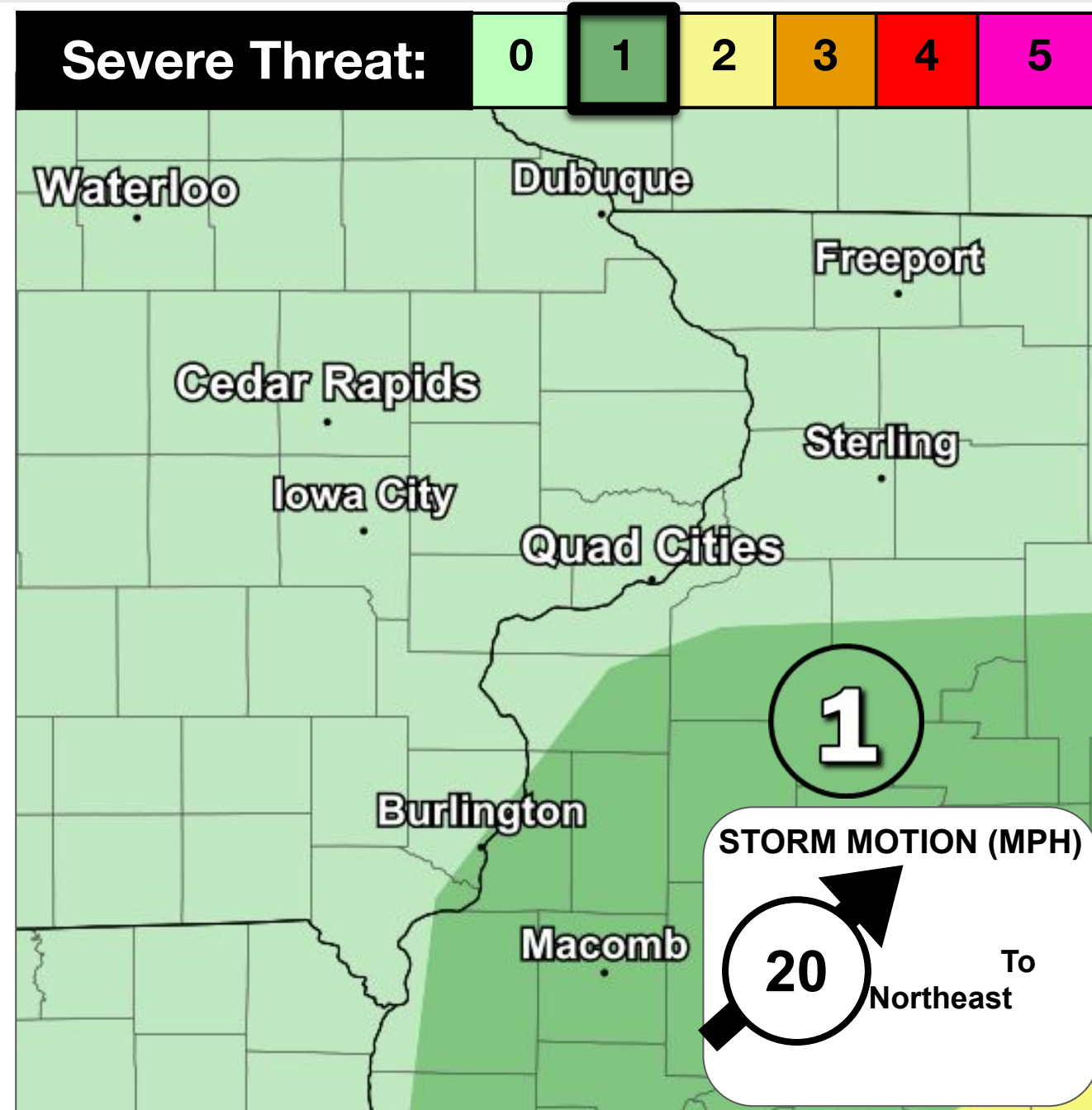
- The time most favored for severe storms looks to be 2 PM to 8 PM.
- Non-thunderstorm winds may gust over 40 mph Tuesday morning.
- Slower moving storms may result in rainfall rates approaching an inch per hour at times resulting in localized ponding of water.

Hazards with Any Severe Storms

  Tornadoes & damaging winds are the main risks.

Actions

- Have multiple ways to receive warnings.
- When thunder roars, go indoors!





Severe Weather Reminders

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Be Weather Aware!

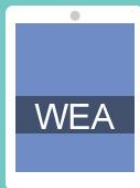
6 WAYS to receive a warning



NOAA Weather Radio



Local TV and Radio



Wireless Emergency Alerts
& Weather Apps



Outdoor Sirens



Internet Sites

mobile.weather.gov



From Your Friends,
Family and Coworkers



weather.gov

Thunderstorms can escalate quickly.

Clear skies can quickly turn dark and ominous, whether due to pop-up thunderstorms or squall lines. Be prepared!



Set up a way to get weather warnings on your phone



When alerted to a storm, get inside a sturdy building immediately



Stay away from windows once indoors



If a building isn't nearby, get inside a vehicle



weather.gov



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