Multi-Day Severe Weather Threat

June 10, 2026
3:43 PM

Rounds of storms with a severe weather and flash flood threat through Thursday

Key Messages

- **Severe Thunderstorms** - Three additional rounds of severe weather probable through Thursday evening.
- **Flash Flooding** - Repeated rounds of heavy rain will lead to an increased risk for flash flooding, especially after this week's rainfall.
- **Very Humid**

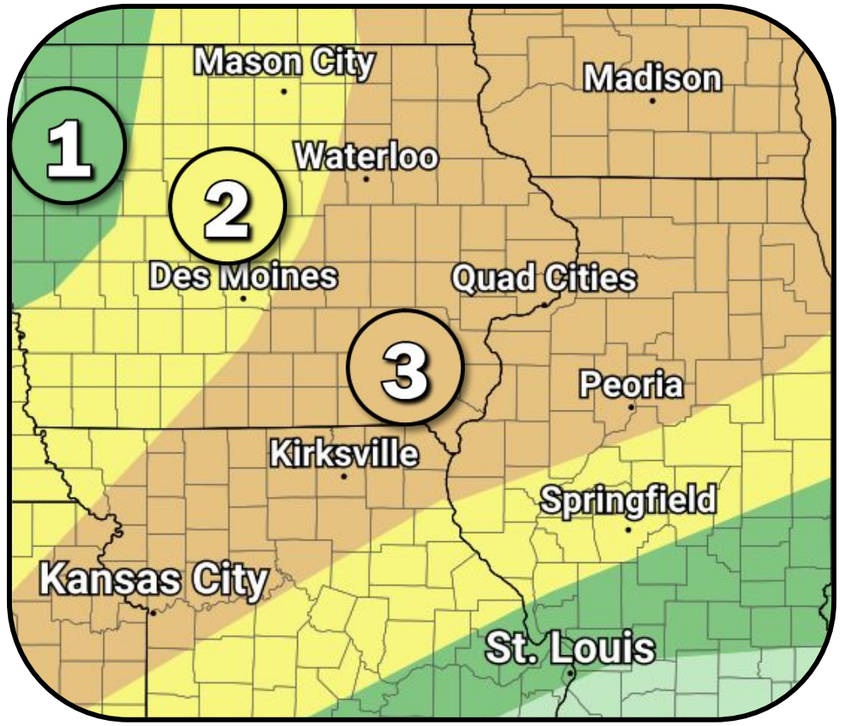
NEW What Has Changed

- More time resolution to thunderstorm episodes added.

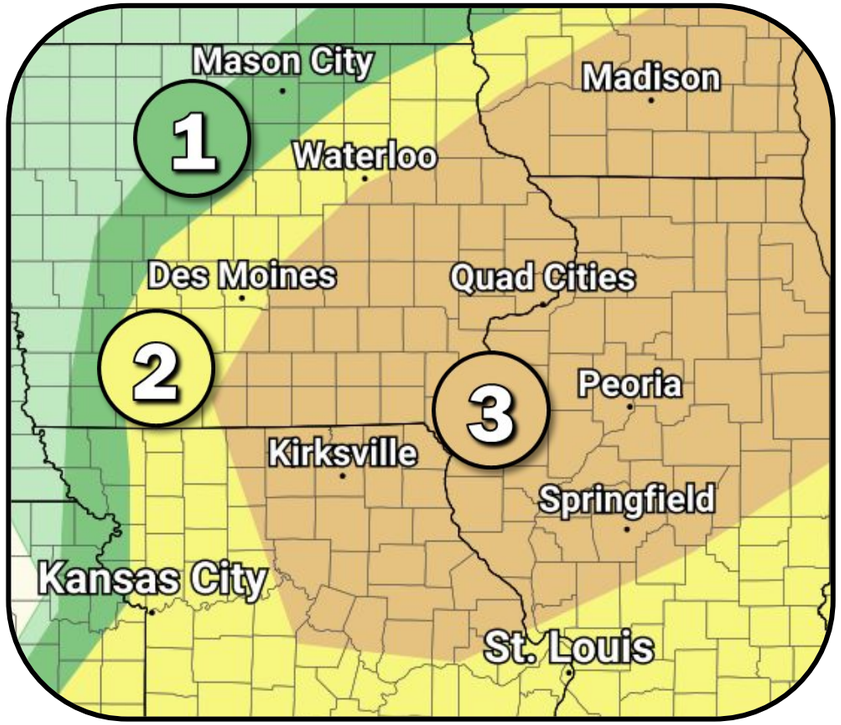
Next Scheduled Update

- By 6 AM tomorrow morning.

Today's Severe Weather Outlook



Thursday's Severe Weather Outlook



1 **Marginal** Isolated Storms

2 **Slight** Scattered Severe Storms

3 **Enhanced** Numerous Severe Storms

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T-Storms Again Late Today & this Evening

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Severe & Heavy Rain Threat

Key Messages

- Numerous storms (60-80% coverage) to expand into southeast Iowa and northeast Missouri later this afternoon and expand east-northeast.
- Some of these should become severe, with higher confidence south of U.S. Highway 30.

Potential Hazards

Damaging Winds
Capable of downing tree limbs
>70 mph wind possible

Tornadoes

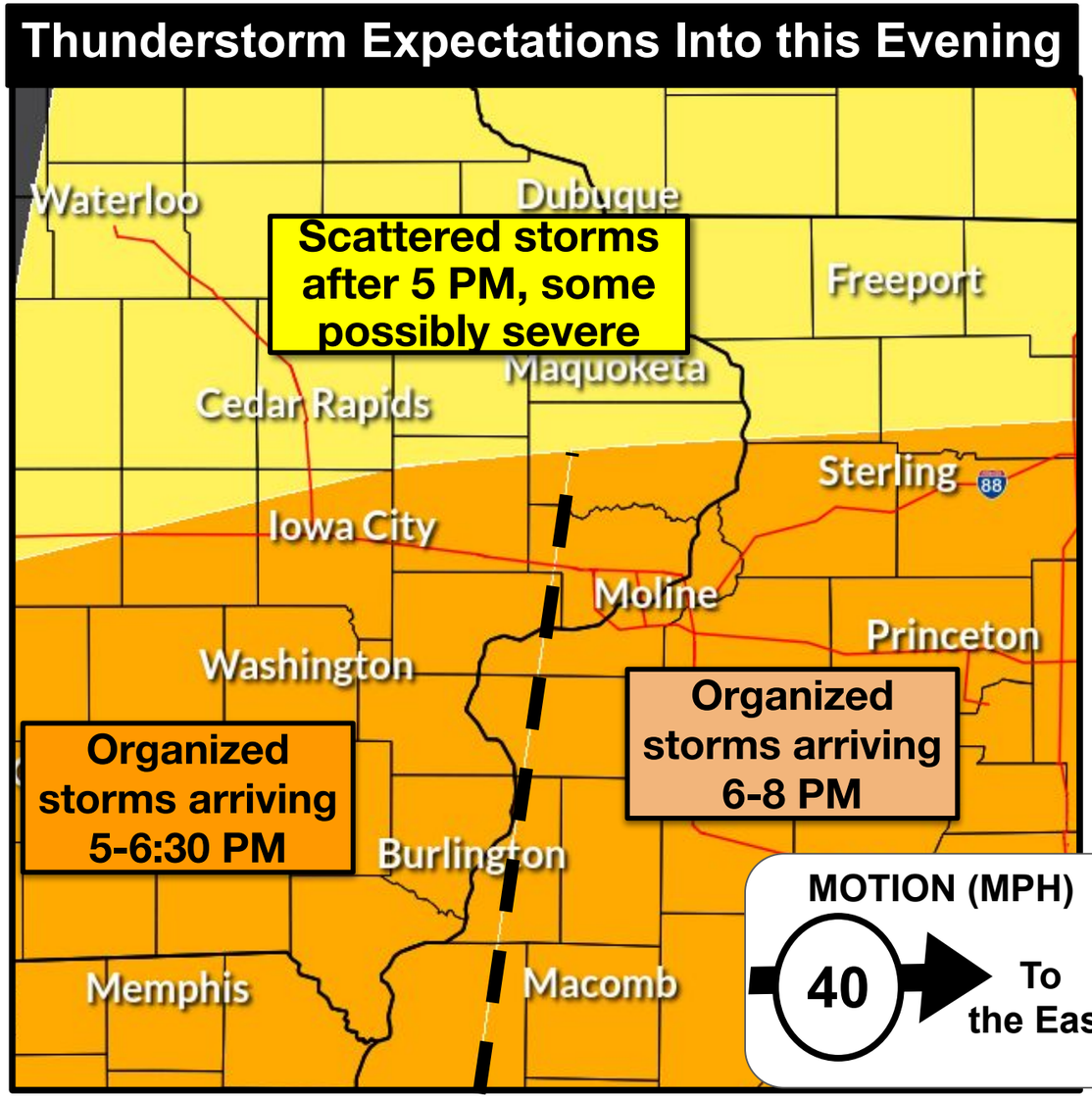
Periods of Very Heavy Rain
May result in flash flooding

Half dollar size hail

Actions

✓ When thunder roars, go indoors!

✓ Be ready to seek shelter ahead of storms.



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Forecast Confidence

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Forecaster Insight

What We Know

- Very muggy through Thursday afternoon.
- Next round of storms late today and this evening, with an additional two rounds on Thursday.
    - Some storms will be severe.
    - Potential for significant severe.
- Any well defined storm clusters will have an enhanced wind and embedded tornado threat, similar to what was observed earlier today.
- A break in storms late tonight.

What Is More Uncertain

- Timing of storm arrival Thursday morning.
- Mode of storms - fast moving complexes vs discrete/supercells.
    - How quickly any discrete supercells will become linear.
- Corridors of highest threats, especially on Thursday afternoon.
- If Thursday can reach its full significant severe potential due to the morning round of storms.

Severe Thunderstorm Outlook Today (6/10) & Thursday (6/11)

June 10, 2026
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Enhanced Risk (level 3 of 5) for most of the area this evening and Thursday

Key Messages

- Three additional rounds of thunderstorms this evening through Thursday, some being severe with potential for significant severe.
- **All severe weather hazards are possible.**

Severe Risk: 0 | 1 | 2 | **3** | 4 | 5

Timing

- **Today:** 1 more round **(5 PM to 11 PM)**
- **Thursday:** 2 rounds **(5 AM to 11 AM; 1 to 8 PM)**



Potential Hazards

Damaging Winds *(swaths of >70 mph possible)*
Capable of downing small trees

Tornadoes

Hail, few storms possibly to golf ball size

Storm Motion Today: To the East at 40 MPH

Actions

- ➔ Be weather aware and ready to act!
- ➔ Have multiple ways to receive warning information

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Multiple Rounds of Storms Through Thursday

June 10, 2026
3:43 PM CDT

Greatest severe weather potential midday through this evening

Round 2 (6/10)

Timing

5PM - 11PM

Potential for supercells initially, then growing into one or more lines

Details

1. **Initial discrete supercells** are possible mainly along and south of I-80 with all hazards, especially **very large hail and tornadoes**.
2. Storms to **transition into one or more lines** with a threat for **damaging winds 70+ mph and embedded spin-up tornadoes, and heavy rain.**

Round 3 (6/11)

Timing

5AM - 11AM

One or two lines of storms along and north of I-80

Details

1. **Greater confidence** on linear storm development **along and north of I-80**.
2. **Primary threats** will be **70+ mph wind gusts and heavy rain** with small hail and brief spin-up tornadoes possible.
3. **Greatest potential for flash flooding**.

Round 4 (6/11)

Timing

1 PM - 8 PM

Potential for discrete supercells and tornadic multicell clusters

Details

1. **Initial discrete supercells** are possible **across eastern Iowa** before merging into **linear segments as the evening progresses**.
2. **Primary threats** will be **large hail and tornadoes (a few strong)** and eventually **damaging winds once linear segments form**.

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Severe Threats on Thursday (6/11)

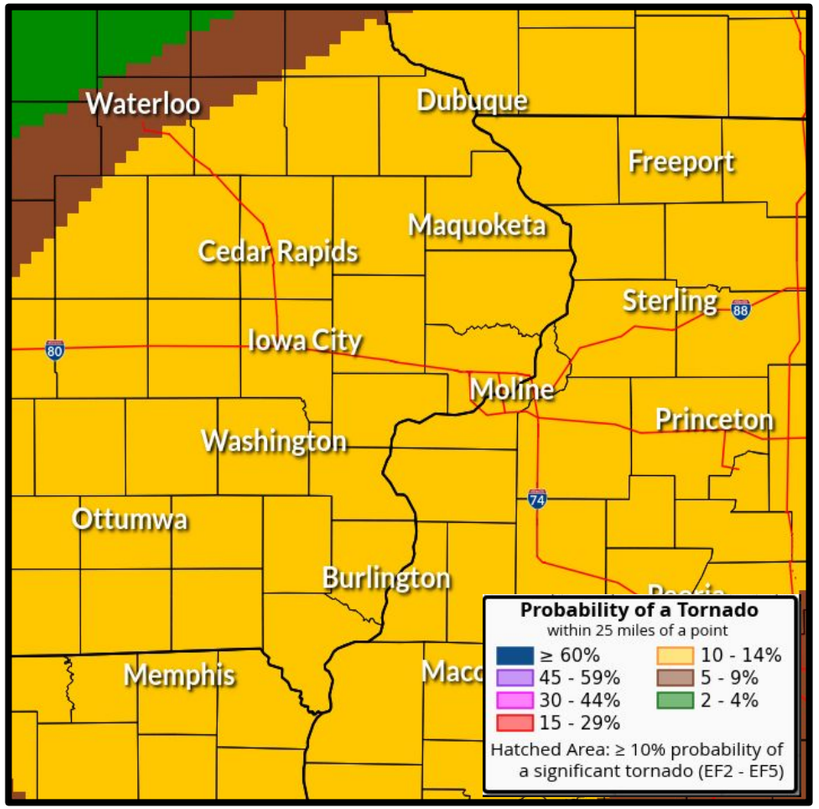
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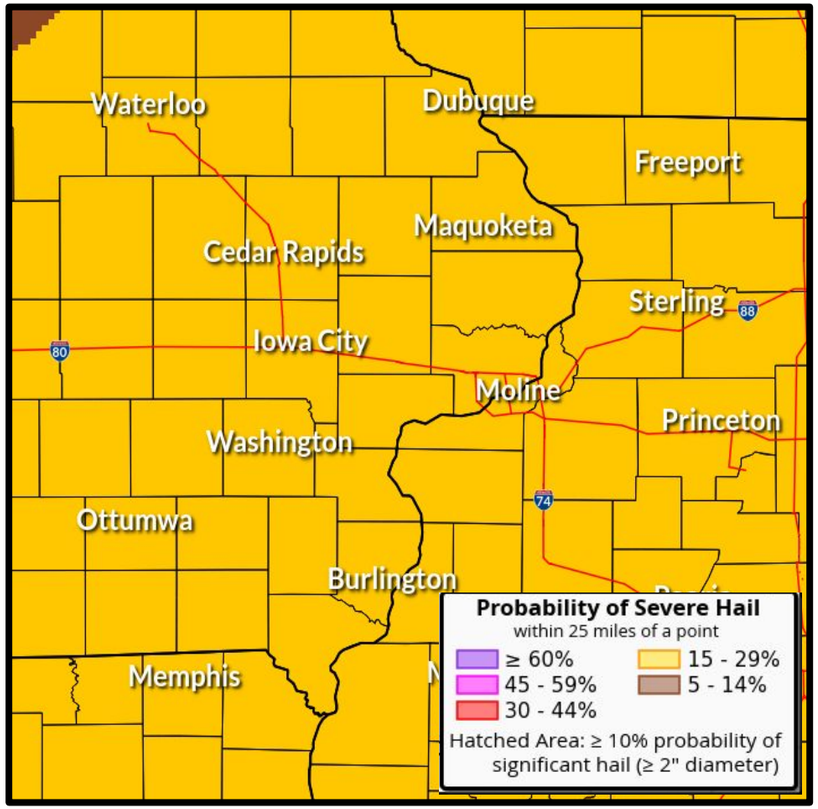
Stay Weather Aware!

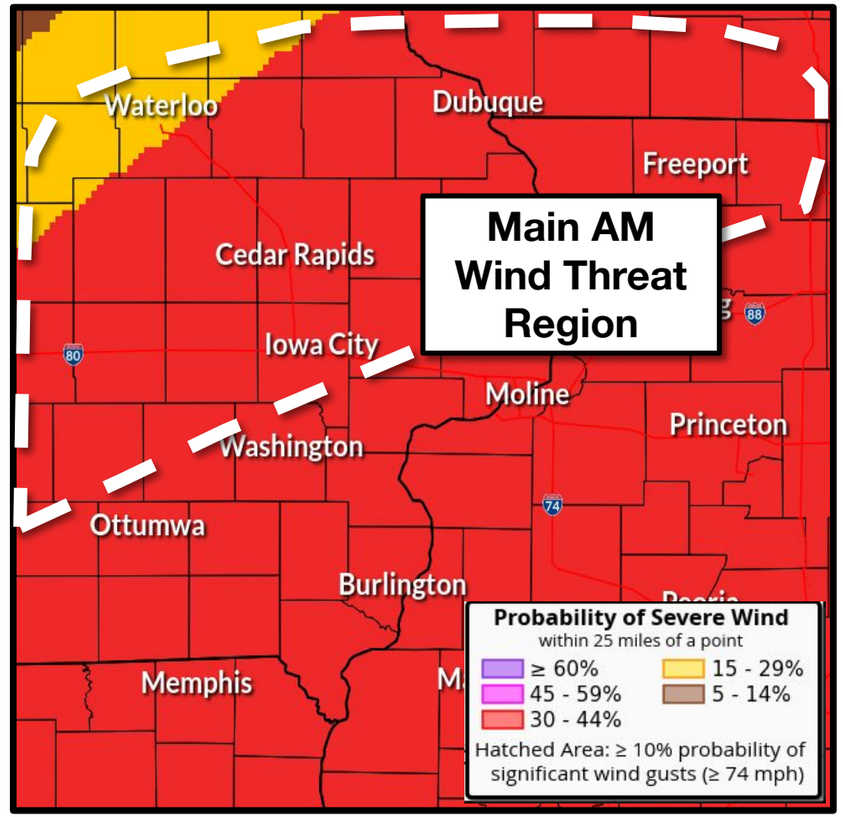
Several Tornadoes Possible
Some of them could be strong.

Damaging Hail (golf ball size)
Capable of causing extensive structure, window, and vehicle damage, and serious injuries.

Destructive Winds 70-80 mph
Capable of structural damage & downing trees







- Strong tornado and 2”+ hail potential will be with any supercells during the PM hours.
- Destructive winds and embedded tornadoes are main threats with any organized line(s) tracking across the area.

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Flood Threat Through Thursday

June 10, 2026
3:43 PM CDT

Repeated rounds of storms with high rainfall rates may lead to flash flooding

Key Messages

- Additional rounds of heavy rainfall are likely through Thursday evening.
- 0.75 to 1.5” of rainfall has already fallen in eastern Iowa and far northwest Illinois so far today.
- Rainfall could add up to 2 to 4” (or more in localized areas), especially along/south of I-80.
- Areas vulnerable to flash flooding are urban areas and locations that received heavy rainfall over the past few days.

Flash Flood Risk: 1 | **2** | 3 | 4



Potential Threats

Torrential Rainfall
May flood some roads, fields, and basements, and cause rapid stream/creek rises.

Rising Tributary River Levels

Actions

➔ Heed any local warnings and remember to ***Turn Around, Don’t Drown***!

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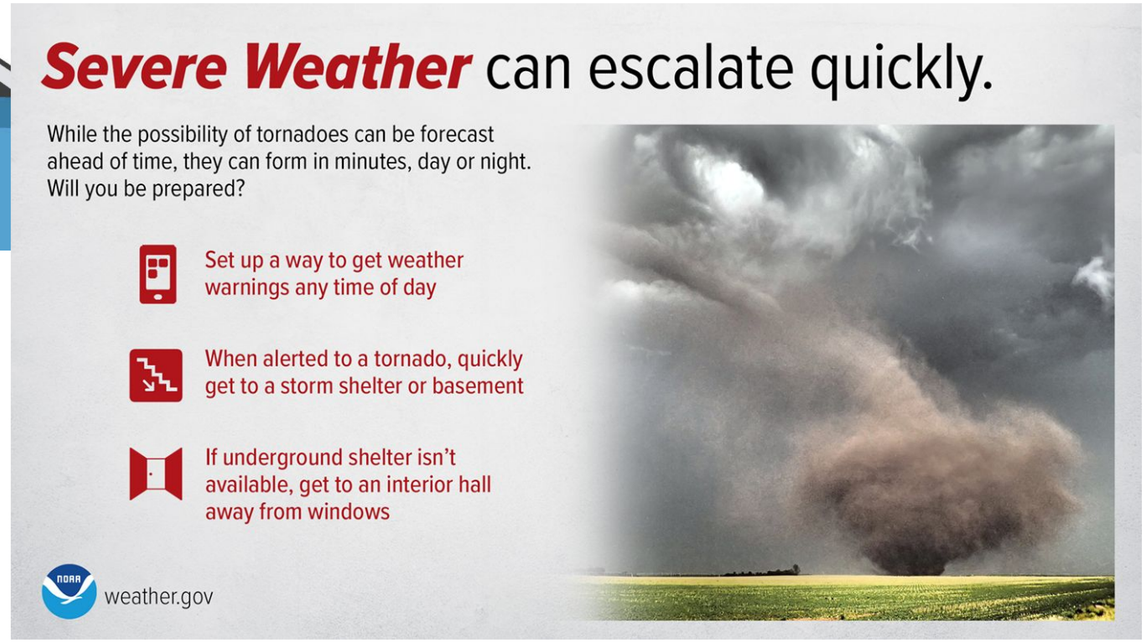
Preparedness Reminders

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Stay Weather Aware and Prepared!







[Lightning Safety](#) | [Severe Weather Safety](#) | [Flooding Safety](#)

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