



# Winter Storm Today - Tonight

March 9, 2023  
4:46 AM

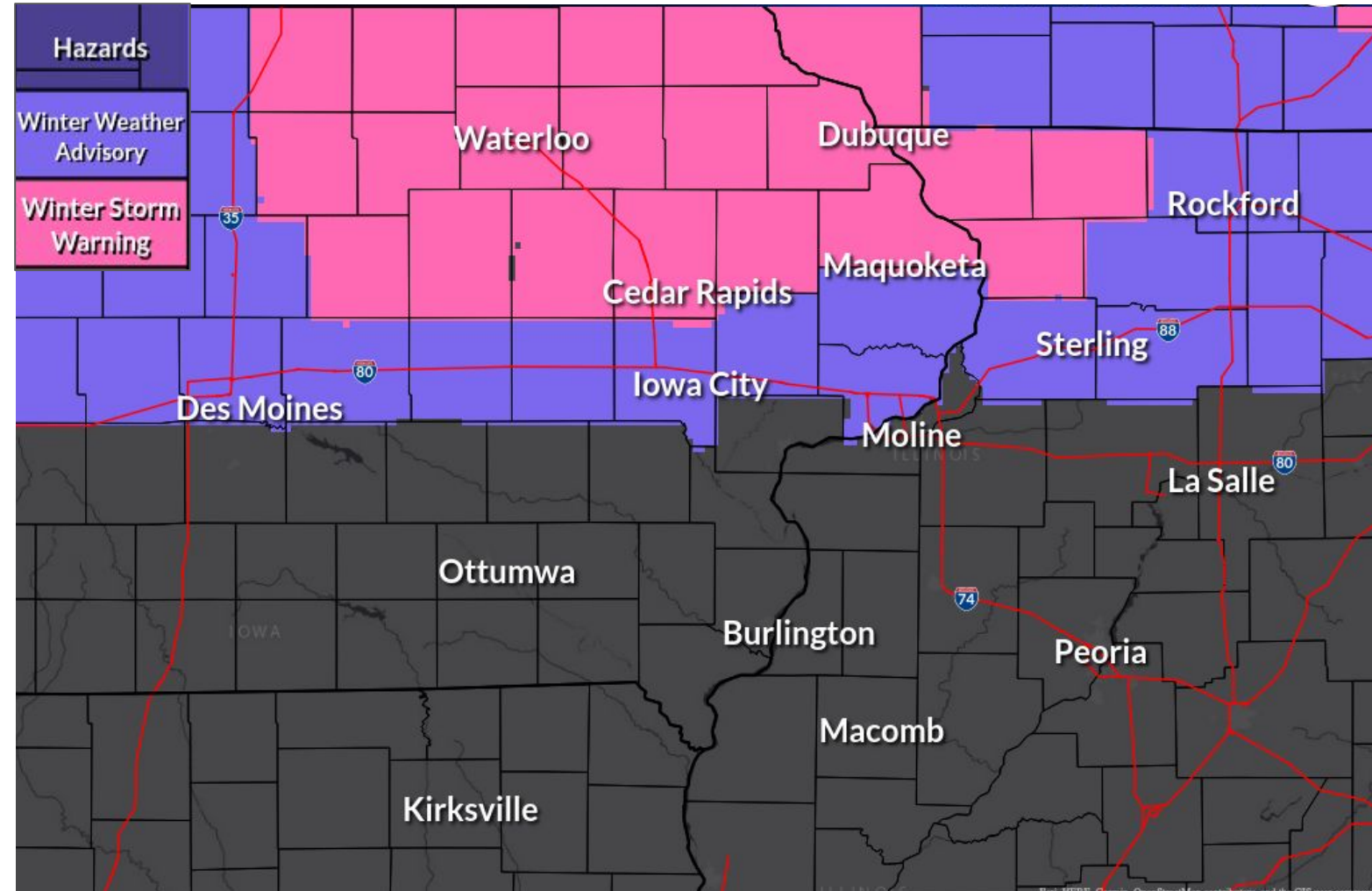
Highest Confidence for Impacts North of Interstate 80

## Key Messages

- A winter storm will impact eastern Iowa and northern Illinois today & tonight
- A mix of rain, sleet & snow is expected south of an Ottumwa to Galesburg line, with snow elsewhere
- Warm ground temps, and air temps generally at or above freezing for much of the event, will play a critical role in determining snow amounts
- Highest accums expected on grassy & elevated surfaces
- Later this afternoon & evening will be period of main travel concerns – highest confidence for impacts north of I-80

## **NEW** What Has Changed

- Snow amounts have been lowered some



## Next Scheduled Update

- This is the last update, unless significant changes occur

## Latest Watches / Warnings / Advisories



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## Hazards

Moderate to heavy wet snow of 3-7 inches in the warning area. Lesser amounts to the south.



## Timing

Mid morning through tonight, including the evening commute.



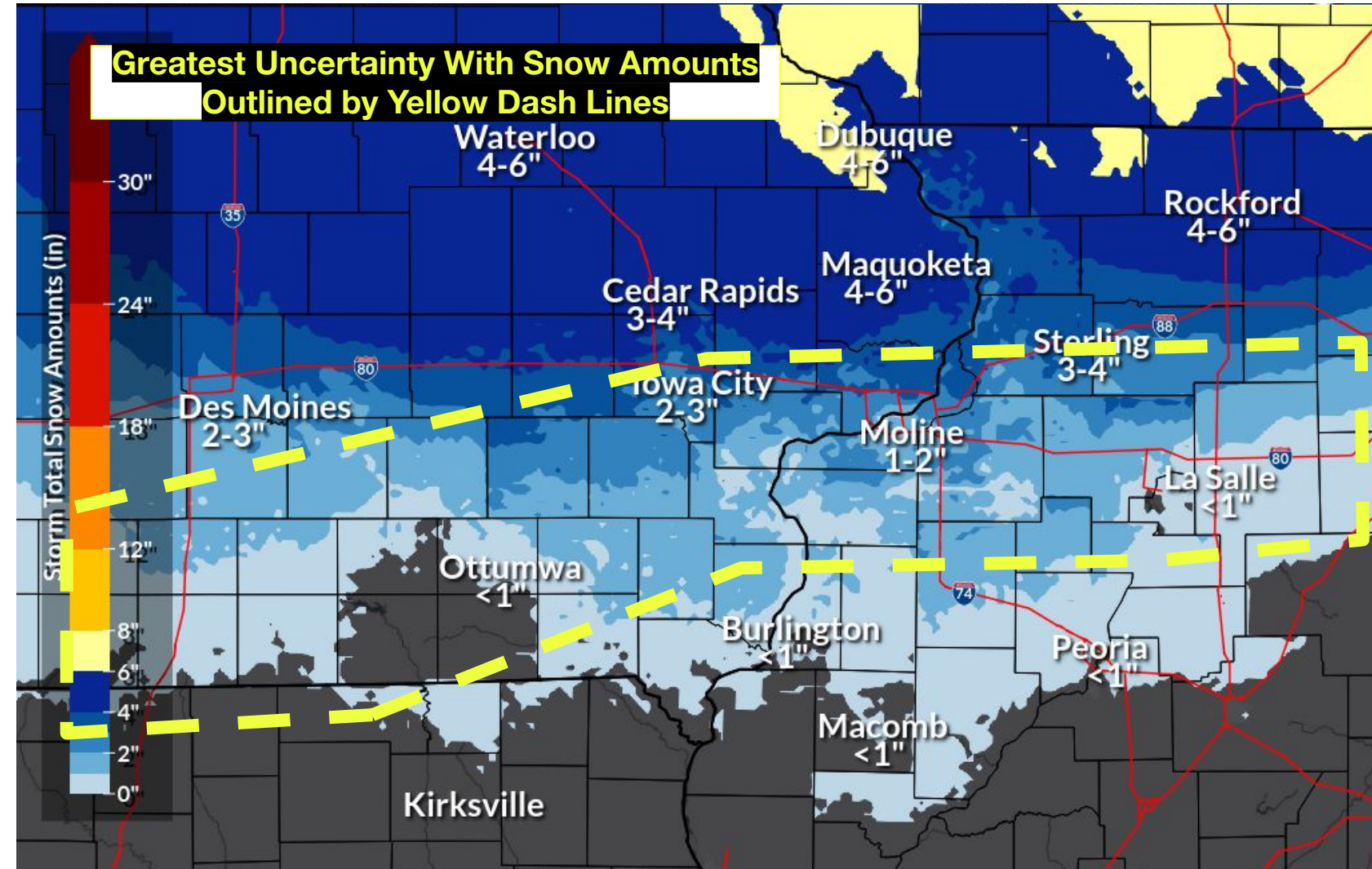
## Impacts

- Visibility restrictions due to heavy snowfall rates and wet snow
- Snow will initially melt due to the warm ground and above freezing temps. But, periods of moderate to heavy snowfall rates are expected to lead to slushy and slick roads - mainly later this afternoon & tonight. Highest accums will be on grassy & elevated surfaces



## Uncertainty & Considerations

Lower confidence exist with snow amounts due to initial snowmelt from warm ground and temperatures above freezing for much of the event



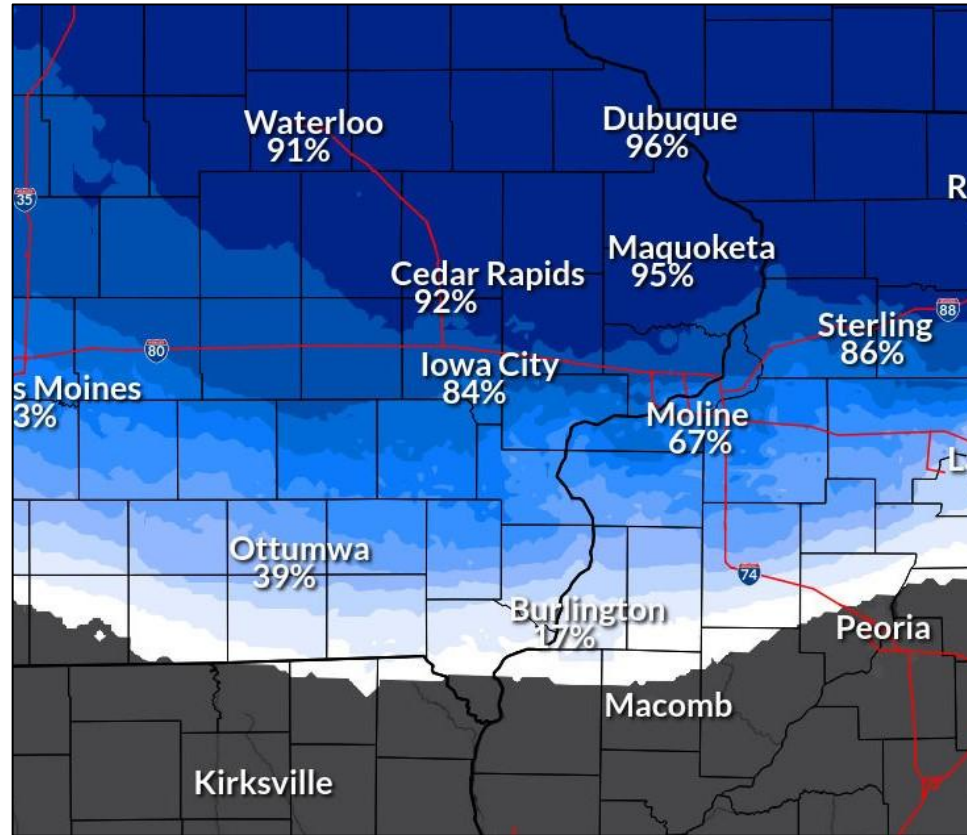
### Snowfall Forecast Today through Friday Morning



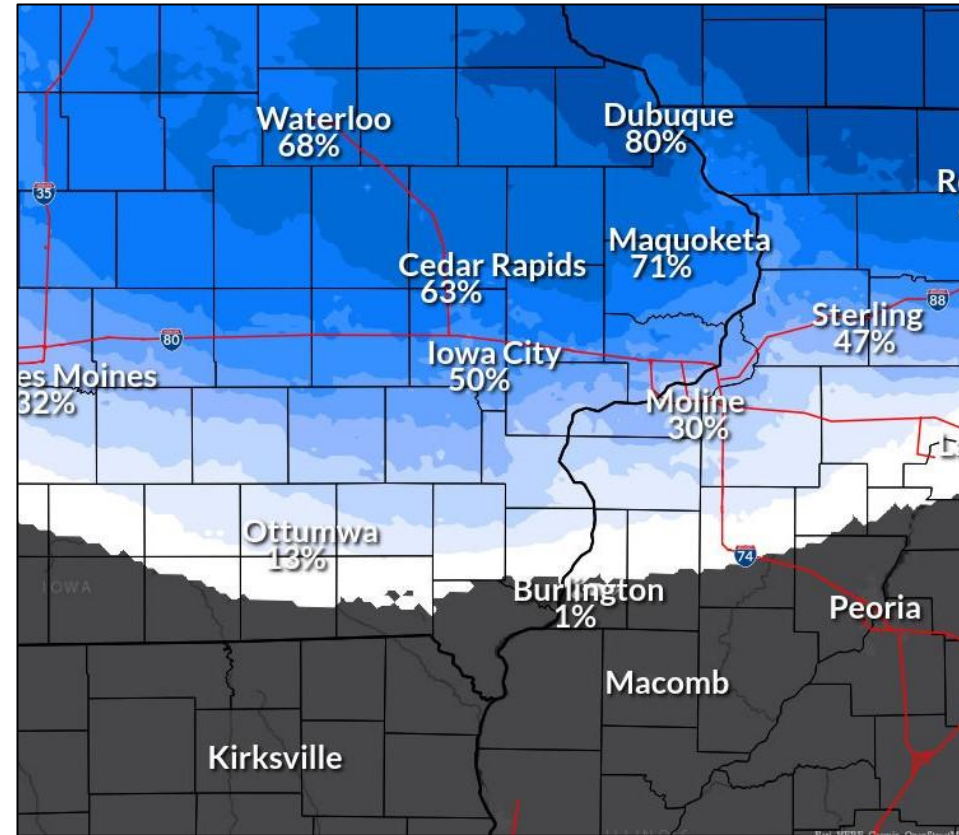
# Likelihood of Various Snow Amounts

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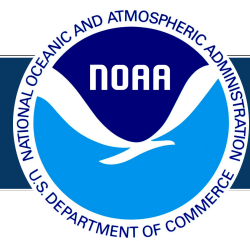
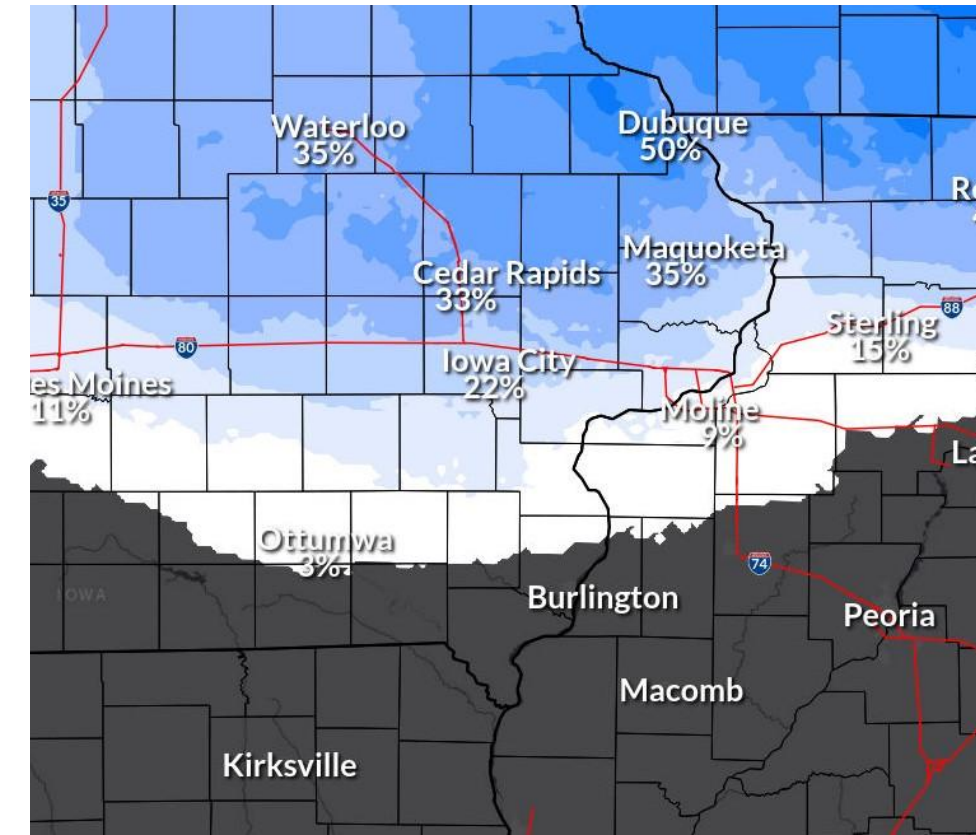
## Probability for 2+” of snow



## Probability for 4+” of snow



## Probability for 6+” of snow



NWS QUAD CITIES

[weather.gov/quadcities](https://weather.gov/quadcities)

National Weather Service Quad Cities

@NWSQuadCities

Quad Cities, IA/IL

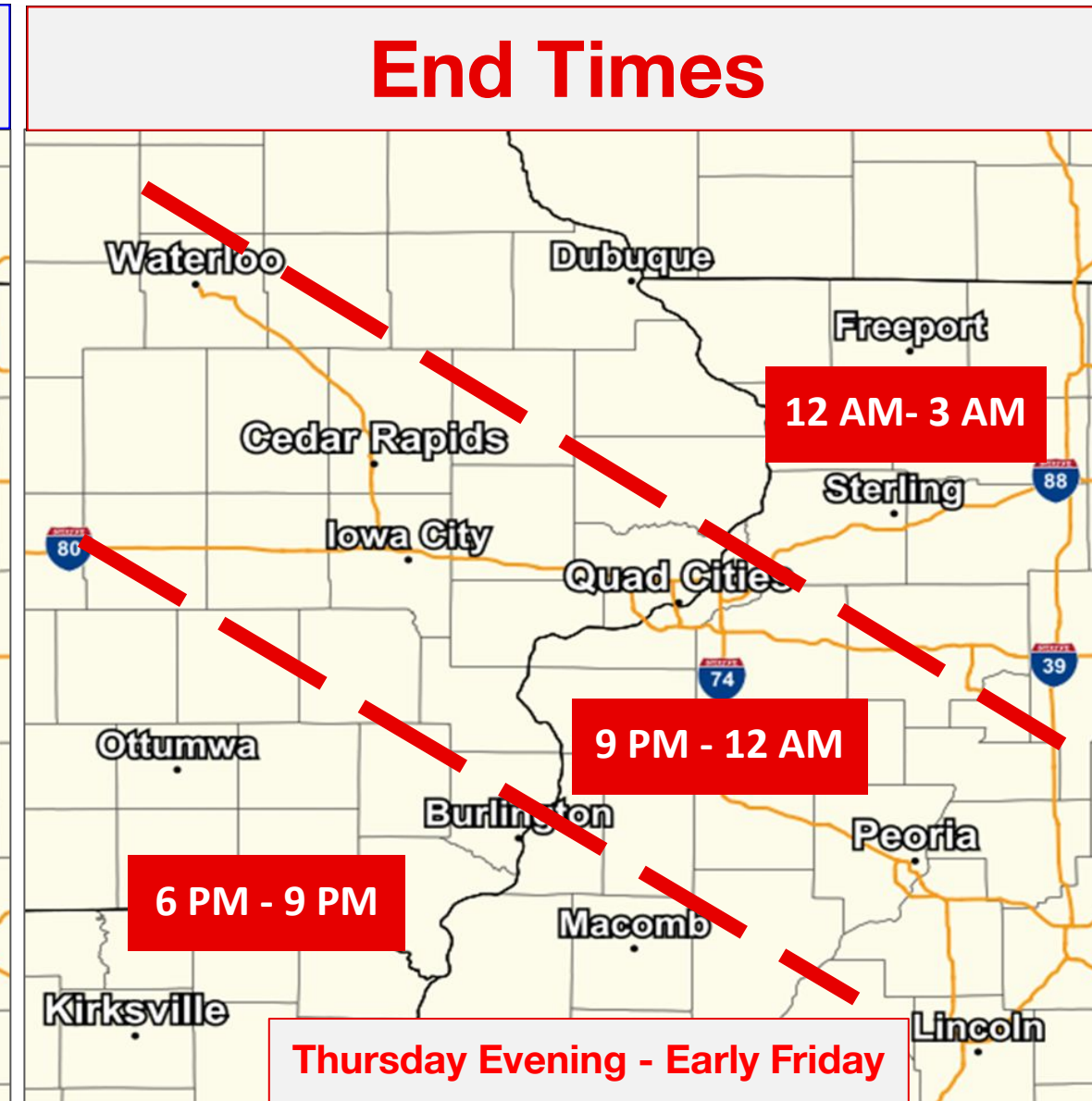
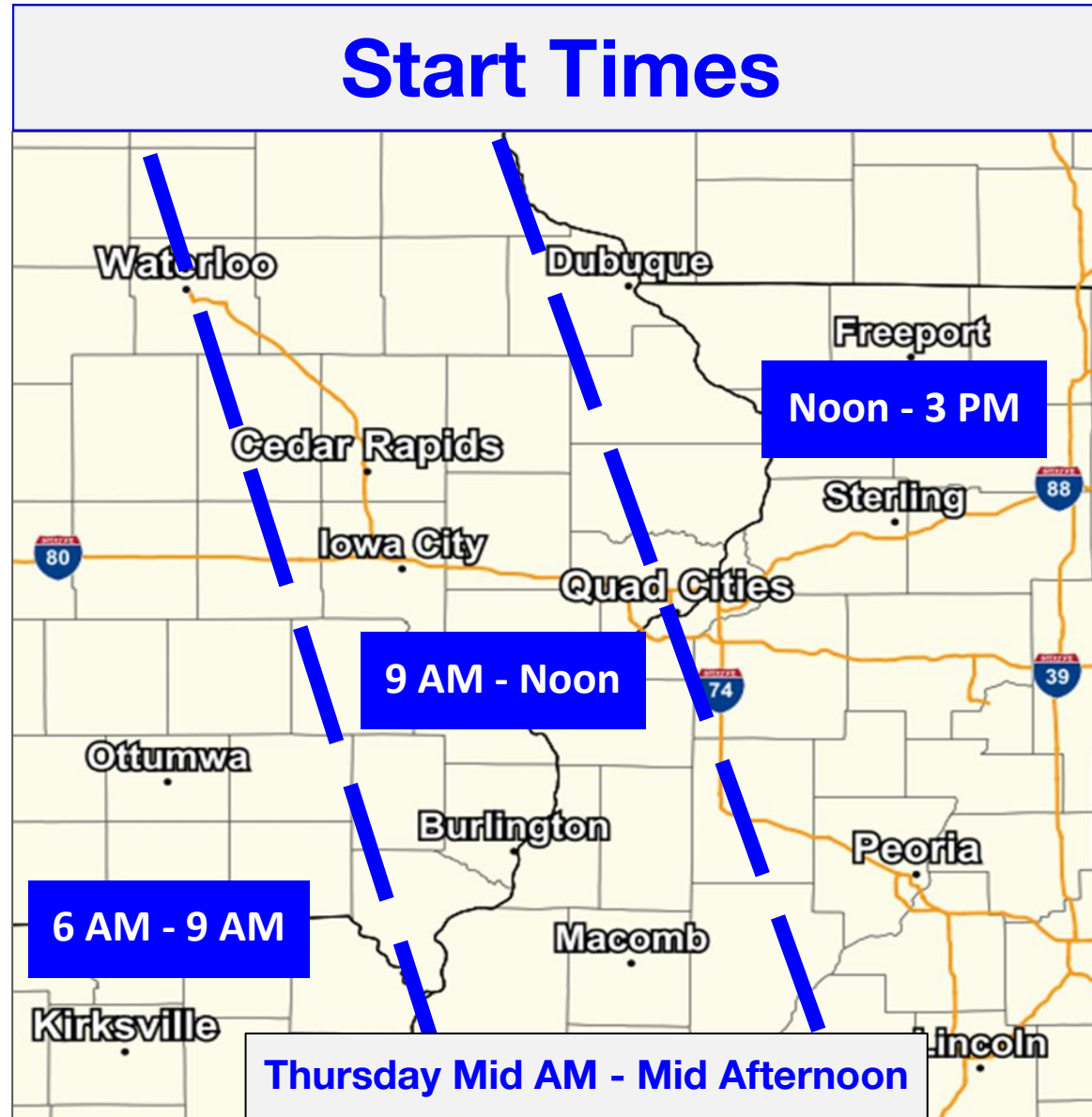


# Estimated Precipitation Timing

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## Details

- Snow will move in from mid morning to mid afternoon
- Mixed precipitation with rain and sleet is likely south of an Ottumwa to Galesburg line, reducing snow totals
- Peak hourly snowfall rates (½ inch to around 1 inch per hour) expected to develop S/W to N/E 12 PM to 9 PM

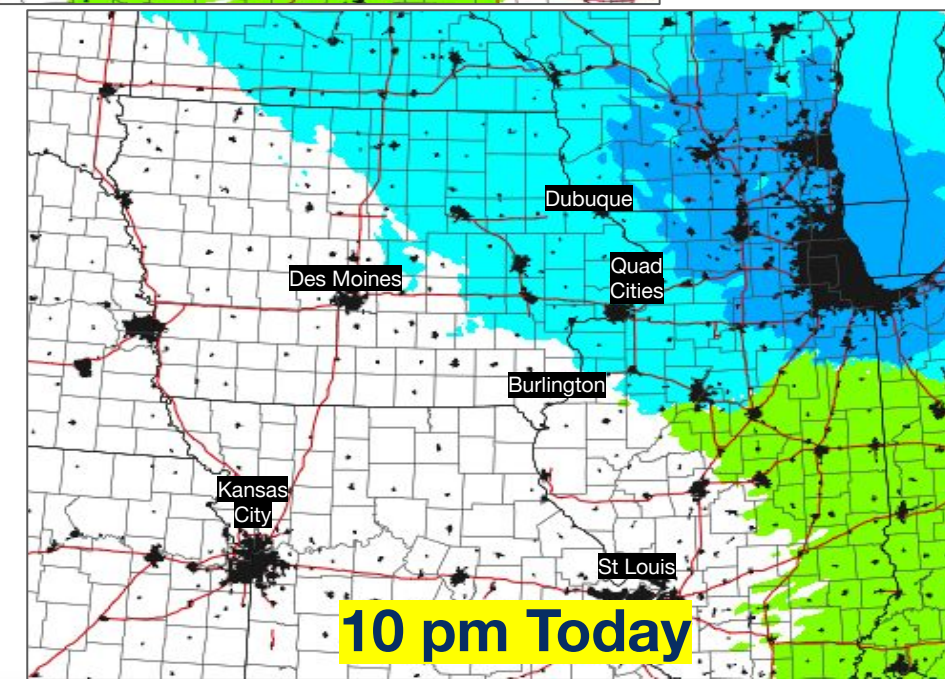
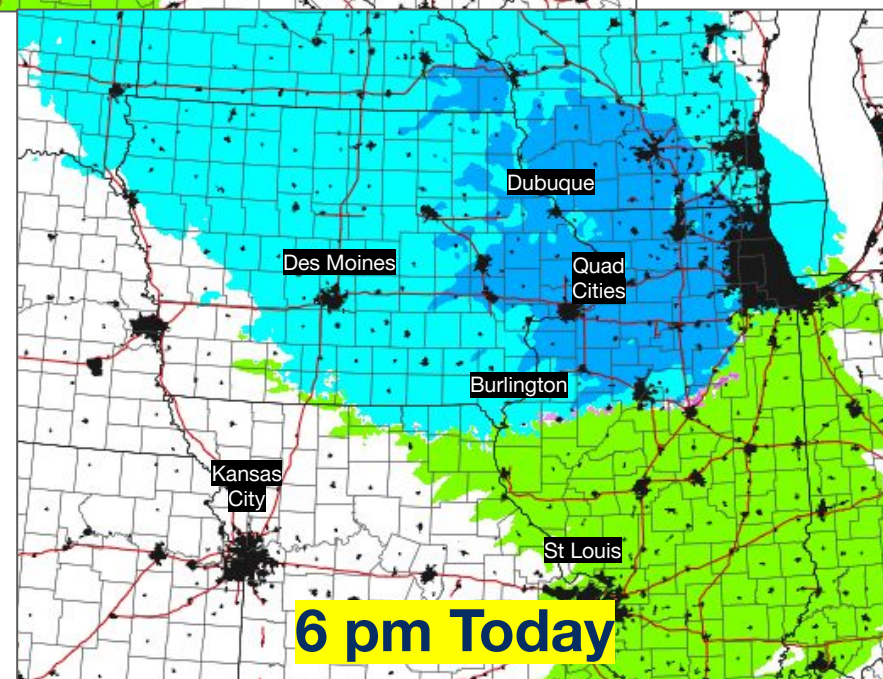
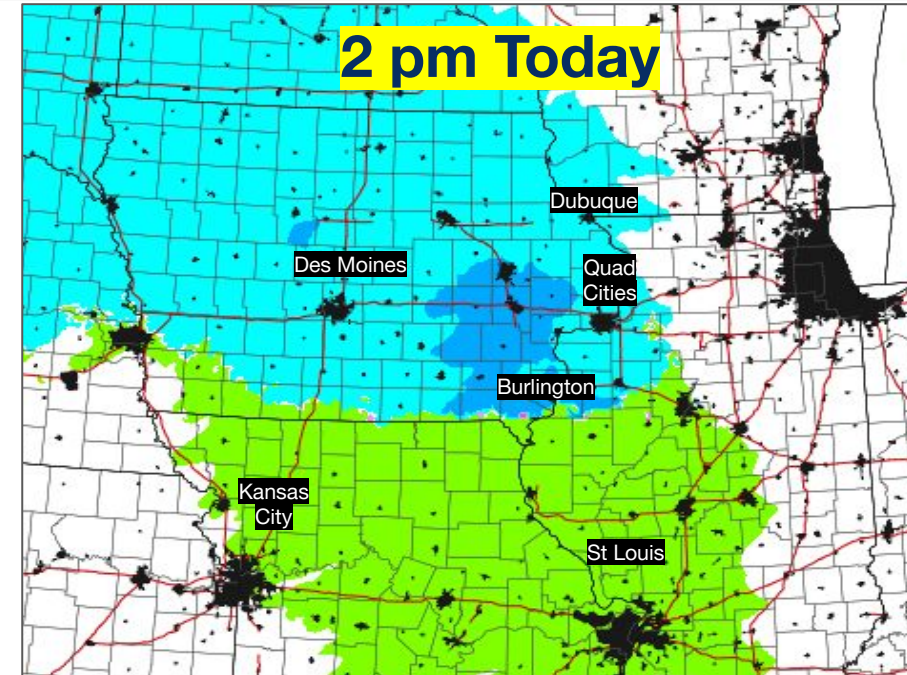
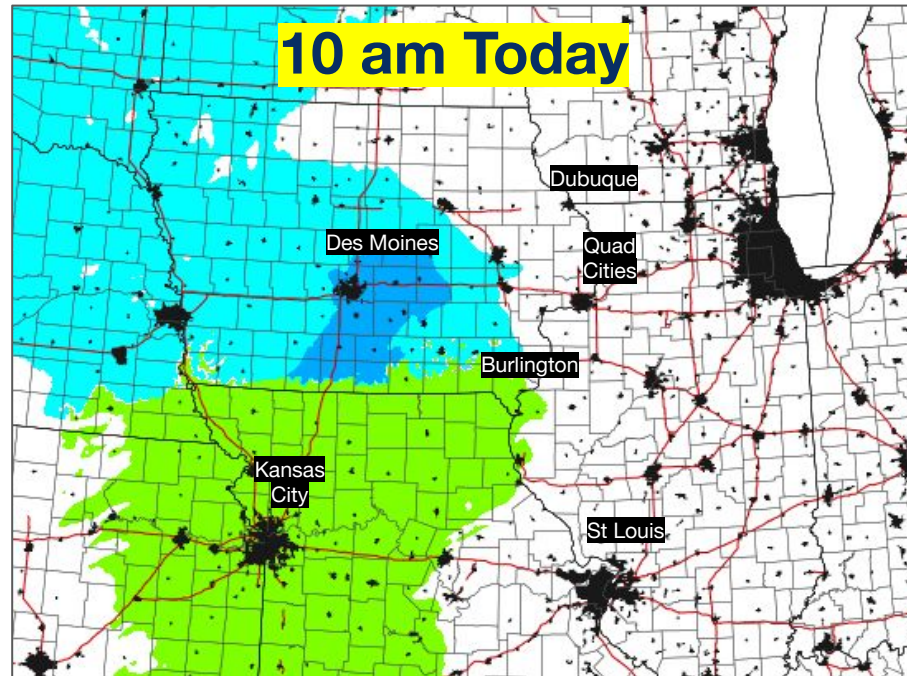




# Precipitation Type & Timing Progression

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Rain/Snow/Sleet Mix across far Southeast IA, Northeast MO and West Central IL



Rain



Snow



Freezing Rain



Wintry Mix



**Shoveling heavy, wet snow can put a big strain on the heart**

**Stay hydrated and take frequent breaks**

**Only move small amounts with each shovel pass**

**Shovel Smart!**



[weather.gov/winter](http://weather.gov/winter)



# Snow-Covered Roads = Take it Slow!

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## WINTER KNOW DRIVING BEFORE YOU GO

### Check road conditions.

Call 511 or visit your state's DOT webpage to check on road conditions. Choose a different route or adjust your travel plans if road conditions are poor.

### Pack an emergency supply kit.

Stock your vehicle with a mobile phone, charger, batteries, blankets, flashlight, first-aid kit, high-calorie, non-perishable food, candle to melt snow for drinking water, sack of sand or cat litter for traction, shovel, scraper, and battery booster cables.

### Get the weather forecast.

Change your travel plans if hazardous weather is expected.



### Ready your vehicle.

Check your battery, wipers, coolant, and other systems affected by cold temperature. Make sure your tires have good tread. Clear snow, ice or dirt from your windows, lights and camera.

### Check Road Conditions

- Iowa - [511IA.org](http://511IA.org)
- Illinois - [gettingaroundillinois.com](http://gettingaroundillinois.com)
- Missouri - [traveler.modot.org](http://traveler.modot.org)
- Wisconsin - [511wi.gov](http://511wi.gov)

