



# Winter Storm Today into Early Saturday

January 14, 2022  
4:58 AM

## Key Messages

- Snow will develop from northwest to southeast this morning and afternoon
- Peak hourly rates up to 1" an hour in the warning area, heaviest
- Highest impacts in the warning area: slick roads and blowing/drifting snow from 3 pm to midnight
- Conditions improving after midnight from north to south

NEW

## Important Updates

- Warning expanded slightly farther east in eastern Iowa
- Slightly higher snowfall amounts

## Next Briefing Packet

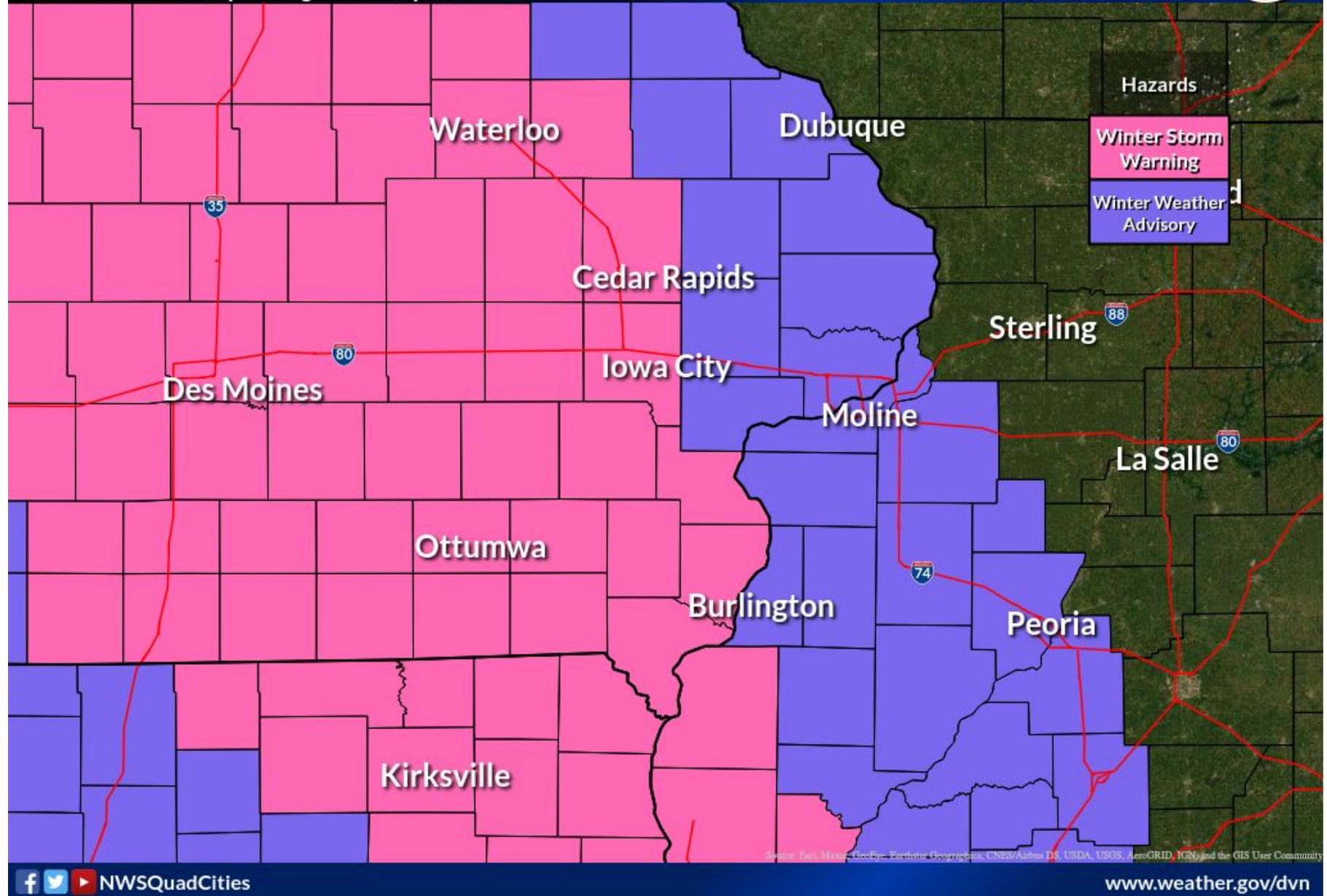
- None scheduled, unless there are significant forecast changes

## Current Winter Headlines

Winter Storm - Friday through Saturday AM

Weather Forecast Office  
Quad Cities, IA/IL

Issued Jan 14, 2022 4:25 AM CST



f t NWSQuadCities

www.weather.gov/dvn



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

National Weather Service  
Quad Cities, IA/IL



# Forecast Impacts

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- Current forecast has the greatest impacts across central and northern Iowa
- Primary contributions to impacts are moderate to heavy snow, and blowing/drifting snow mainly in open/rural areas

## LIMITED IMPACTS

Typically results in little inconveniences.

## MINOR IMPACTS

Typically results in an inconvenience to daily life.

## MODERATE IMPACTS

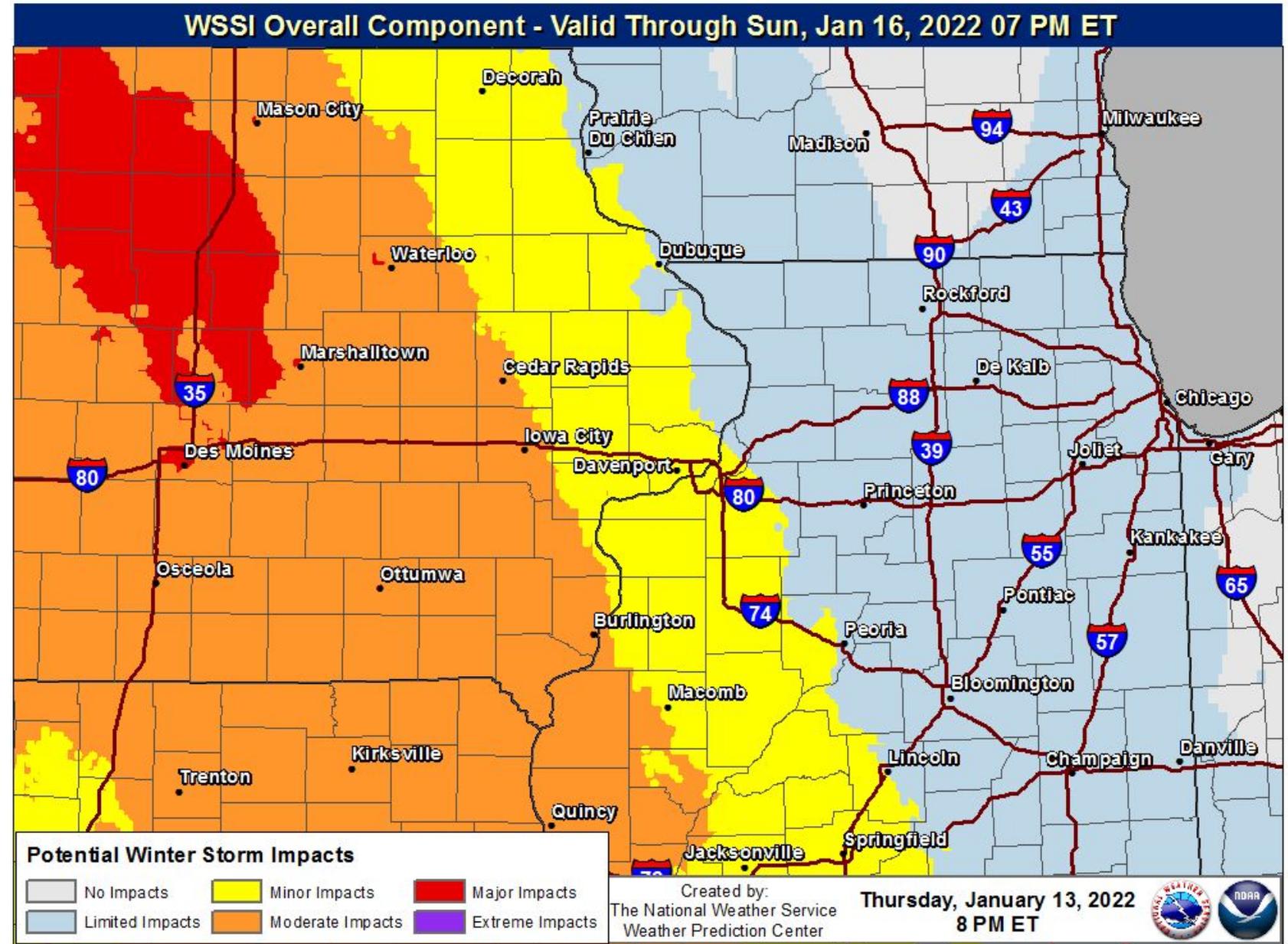
Typically results in disruptions to daily life.

## MAJOR IMPACTS

Will likely result in major disruptions to daily life.

## EXTREME IMPACTS

Results in extreme disruptions to daily life.



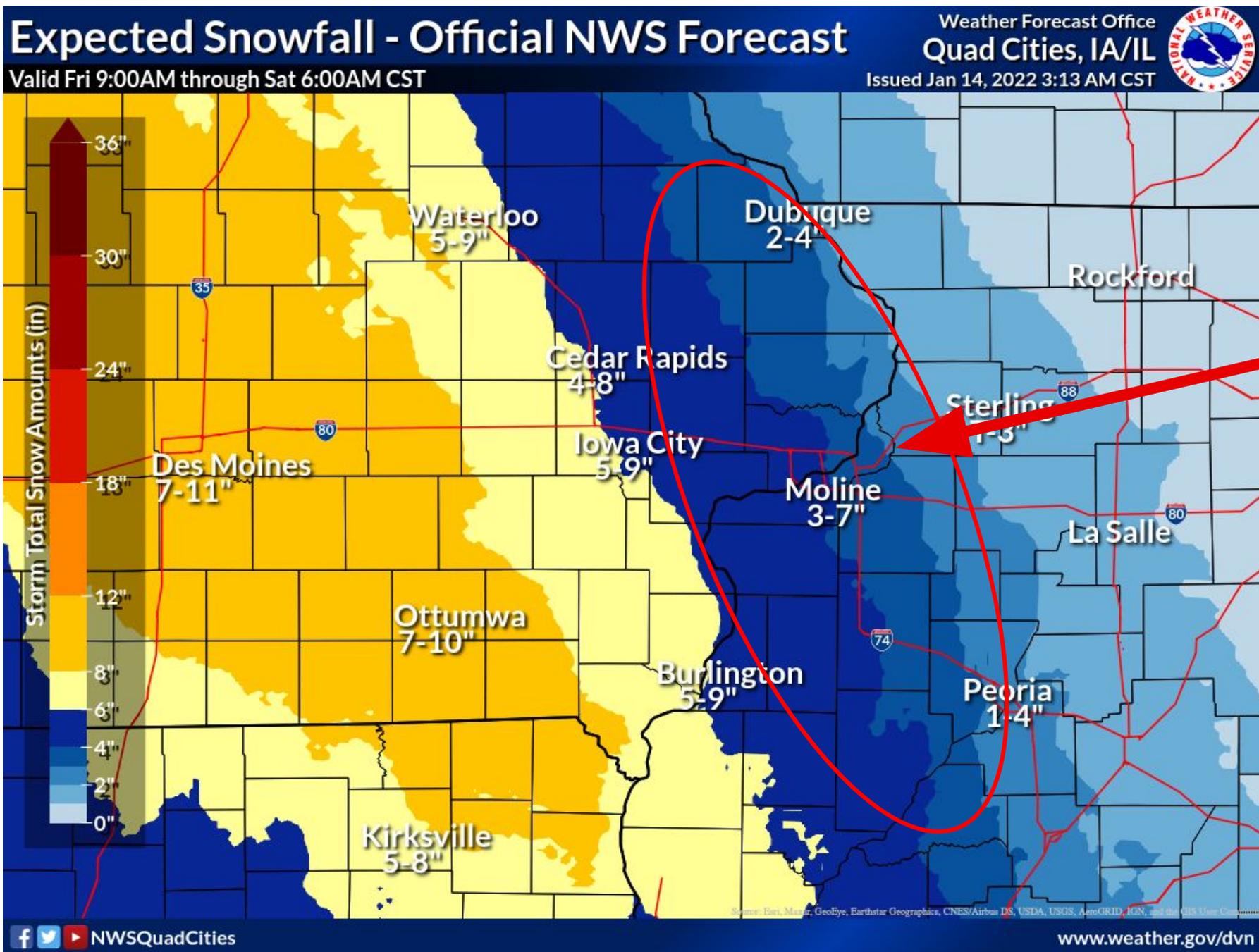
## Winter Storm Severity Index





# Latest Snowfall Forecast

January 14, 2022  
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## Forecast Notes

- **Lowest Confidence in Forecast Totals**
- **The cut-off between higher and lower amounts could be much sharper in this area**
- **Additional changes in forecast possible**



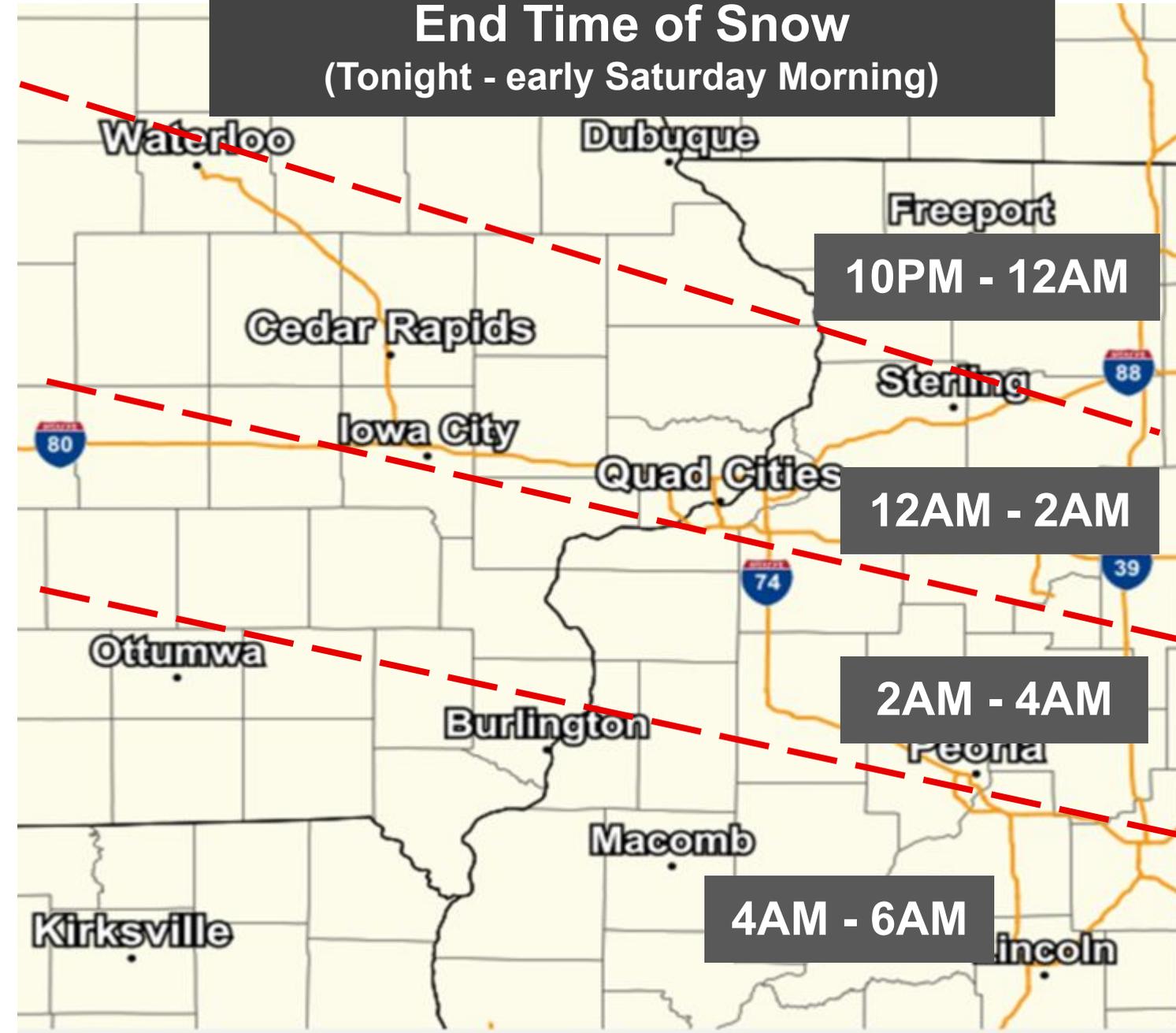
# Snowfall Start and End Times

January 14, 2022  
4:58 AM

## Start Time of Accumulating Snow



## End Time of Snow (Tonight - early Saturday Morning)





# Impact Timing

## Graphical Hazards Matrix

January 14, 2022  
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	Fri 7 AM	Fri 11 AM	Fri 3 PM	Fri 7 PM	Fri 11 PM	Sat 3 AM	Sat 7 AM
Independence	Green	Yellow	Orange	Orange	Orange	Green	Green
Dubuque	Green	Green	Yellow	Yellow	Yellow	Green	Green
Cedar Rapids/IC	Green	Yellow	Orange	Orange	Orange	Yellow	Green
Quad Cities	Green	Green	Yellow	Yellow	Yellow	Yellow	Green
Burlington	Green	Green	Yellow	Orange	Orange	Orange	Yellow

### - About This Graphic -

The hazard matrix depicts timing and magnitude of potential impacts to local travel and infrastructure from snowfall rates and/or amounts, blowing snow, ice, and cold temperatures.

Potential aggravating factors such as time of day, pre-existing conditions, and holiday travel periods are also taken into consideration.

Impact Level	Little/None	Limited	Elevated	Significant	Extreme
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	Fri 7 AM	Fri 11 AM	Fri 3 PM	Fri 7 PM	Fri 11 PM	Sat 3 AM	Sat 7 AM
Freeport	Green	Green	Green	Green	Green	Green	Green
Princeton	Green	Green	Green	Yellow	Yellow	Green	Green
Macomb, IL	Green	Green	Yellow	Yellow	Yellow	Yellow	Green
Memphis, MO	Green	Green	Yellow	Orange	Orange	Orange	Orange
Fairfield, IA	Green	Green	Yellow	Orange	Orange	Orange	Yellow

Impact Level	Little/None	Limited	Elevated	Significant	Extreme
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# WINTER STORMS

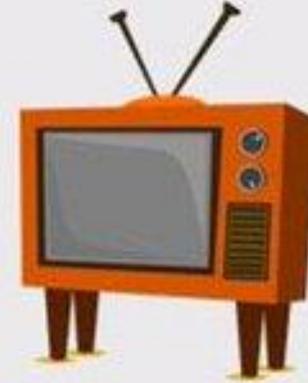
## What Can I Do?

### Prepare Your Home



Make your home winter ready. Buy needed supplies before the storm arrives. Have a plan in case you lose power or are unable to leave your home.

### Monitor Your Forecast



Stay up to date with the latest forecast information as the storm approaches, monitor your favorite source for weather information.

### Prepare Your Vehicle



Make your vehicle weather ready. Be sure to include a safety kit, cold weather gear, and all the necessities you may need to deal with the storm ahead.

### Have A Plan



Before weather threatens, be sure to have a communications plan, change travel plans, and prepare for the impacts to your routine.

## Know The Terms

**Winter Storm Watch:** There is potential of a significant winter weather event. Conditions are possible but not imminent.

**Winter Weather Advisory:** Winter weather is imminent and may cause inconveniences.

**Winter Storm Warning:** A significant winter storm is imminent and is a danger to life and property.

