



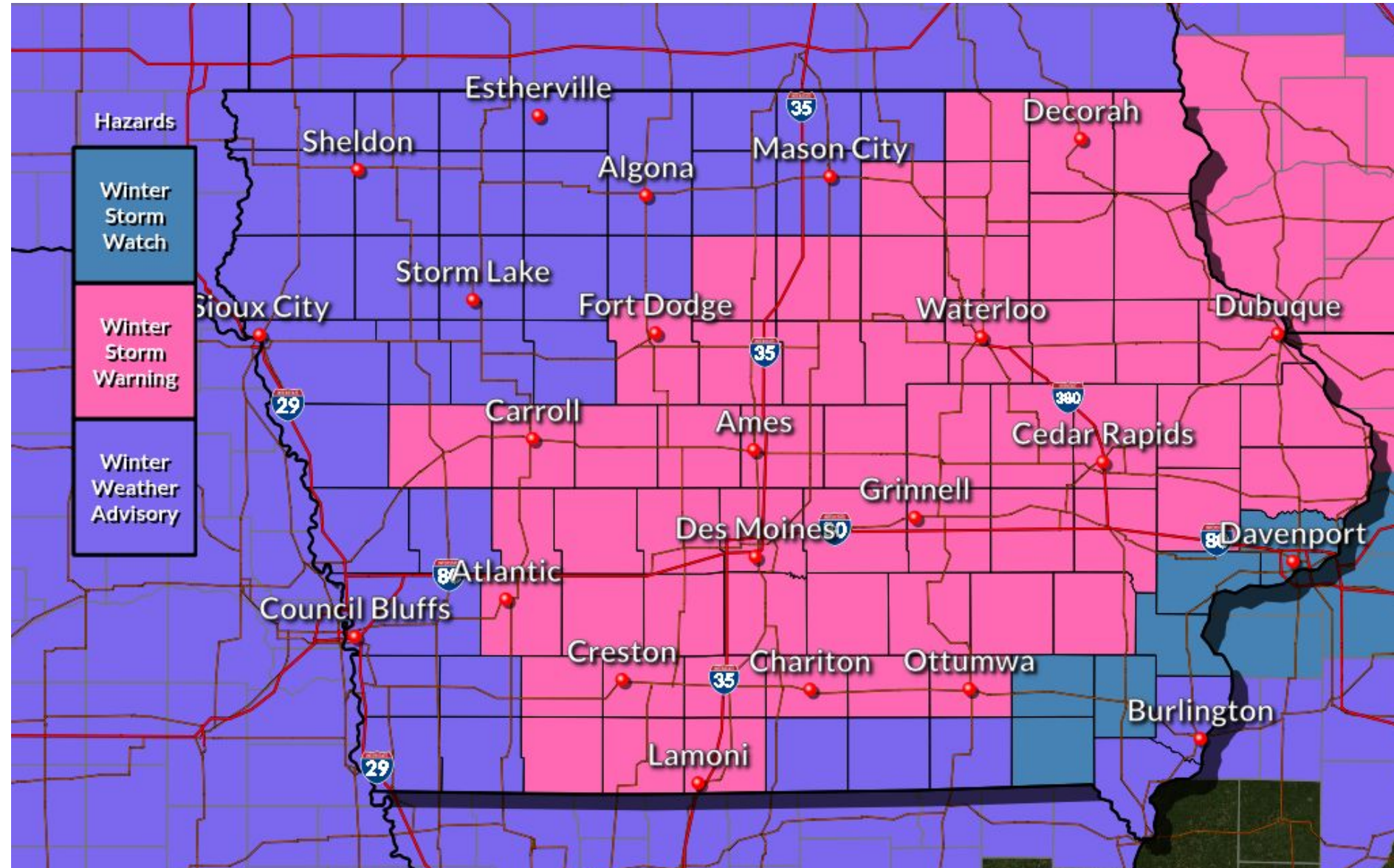
Situation Report

December 28, 2020
3:27 PM

Winter Storm to Affect Much of Area Tuesday through Tuesday Night

Message of the Day

- Accumulating moderate to heavy, wet snow across much of Iowa
 - ◆ Mainly 4-8"
- Initially snow Tue, then a wintry mix with freezing rain into Tue Night
- Still some uncertainty with location of heaviest snow axis
- Tree damage and power outages possible, especially in warning area, due to wet snow and total amount of precipitation



Latest Watches/Advisories/Warnings



Important Updates

- Winter Storm Warnings and Winter Weather Advisories issued for central Iowa



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Snowfall Potential

What

- Widespread 4"+ of snow
- Mainly to 8 inches
- Amounts may exceed 9" east of Des Moines metro into east central Iowa

Where

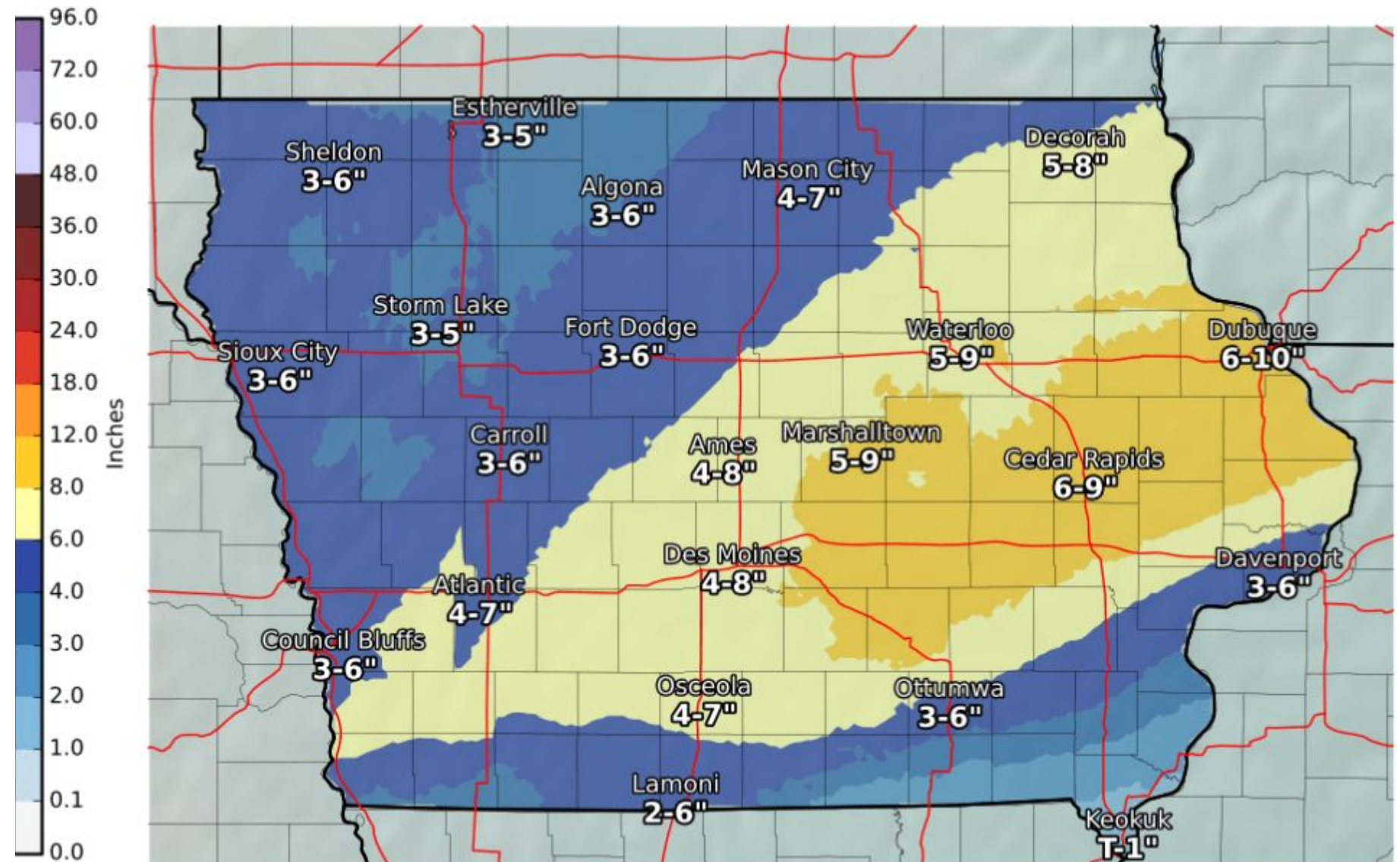
- Nearly all of Central Iowa

When

- Spreading west to east late morning into midday, last into Tue evening

Expected Snowfall - Official NWS Forecast

Valid: 12/29/2020 06:00 AM - 12/30/2020 06:00 AM CST





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Wintry Mix with Freezing Rain

What

- Widespread wintry mix and light glaze possible
- Ice amounts approaching one to two-tenths of an inch from southwest to southeast Iowa

Where

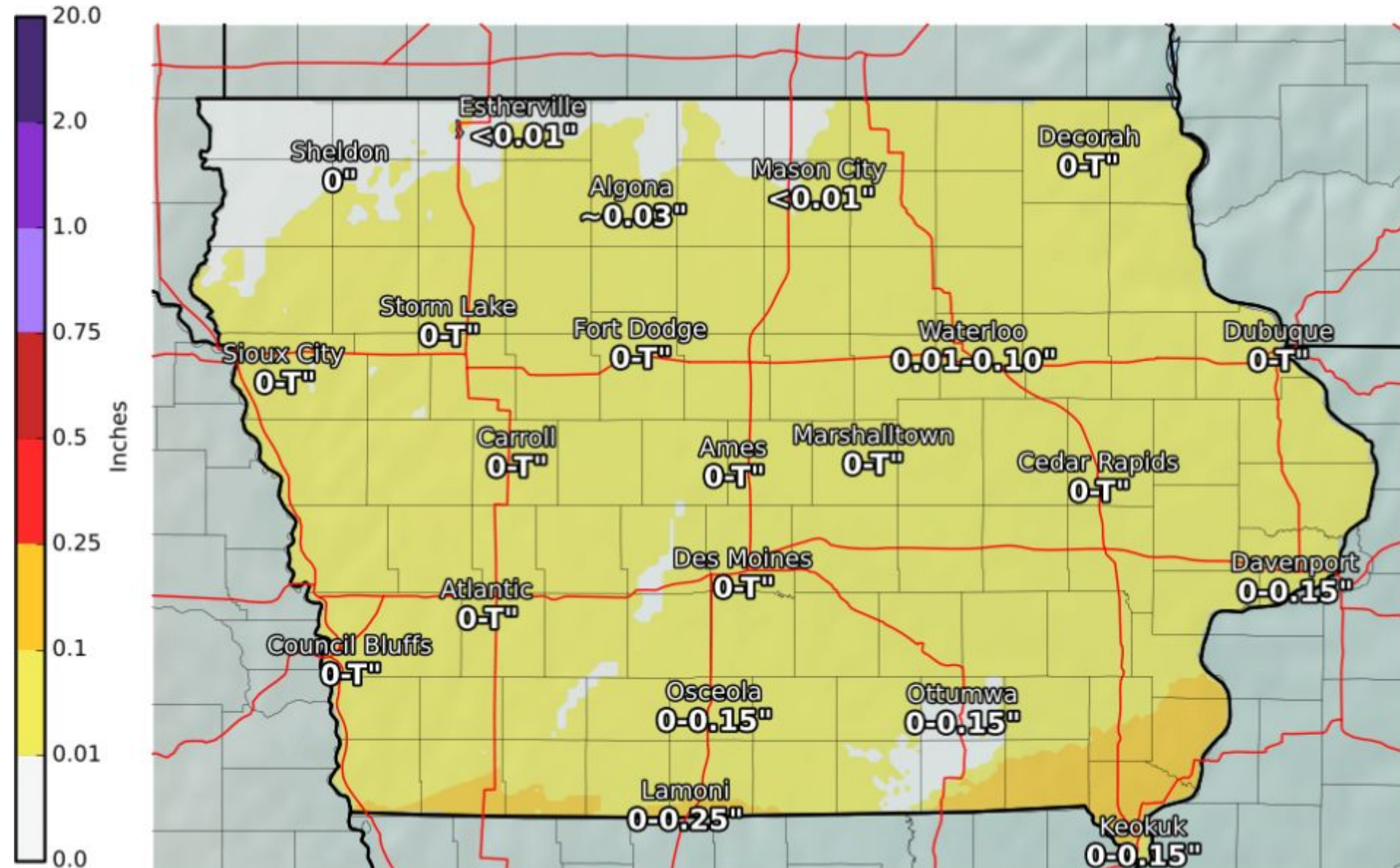
- Light amounts over much of central Iowa

When

- Snow should transition to a wintry mix, including light freezing rain by the late afternoon or evening hours Tue

Expected Ice Accumulation- Official NWS Forecast

Valid: 12/29/2020 06:00 AM - 12/30/2020 06:00 AM CST





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Graphical Hazards Matrix

	Tue 11 AM	Tue 4 PM	Tue 9 PM	Wed 2 AM	Wed 7 AM
Atlantic					
Des Moines					
Waterloo					
Fort Dodge					
Ottumwa					

- 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, antecedent conditions, and holiday travel periods also taken into consideration.

Impact Level	Little/None	Limited	Elevated	Significant	Extreme
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Winter Storm to Affect Much of Area Tuesday into Tuesday Night



Hazards: Wet and heavy snowfall along with some ice accumulation expected across the region.



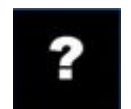
Areas Impacted: Nearly the entire area will be impacted with winter weather - central portions of the state will be impacted most.



Timing & Duration: Precipitation should begin later Tuesday morning with the highest impacts expected from Tuesday afternoon through the early morning hours Wednesday.



Impacts: Poor travel conditions are expected. Wet, heavy snow may be difficult to move. Slick roads and travel impacts from Tuesday afternoon into Wednesday morning following the departure of the storm. The weight of the wet snow and wintry precipitation may produce tree damage and some power outages.



Certainty & Considerations: There remains some uncertainty with regard to the placement of the heaviest snow amounts due to the track of the storm system. Some changes in amounts of freezing rain and snow will still be possible.

Next Update: The next update will occur no later than 6 am Tuesday morning.