



Moderate to Heavy Snow Possible

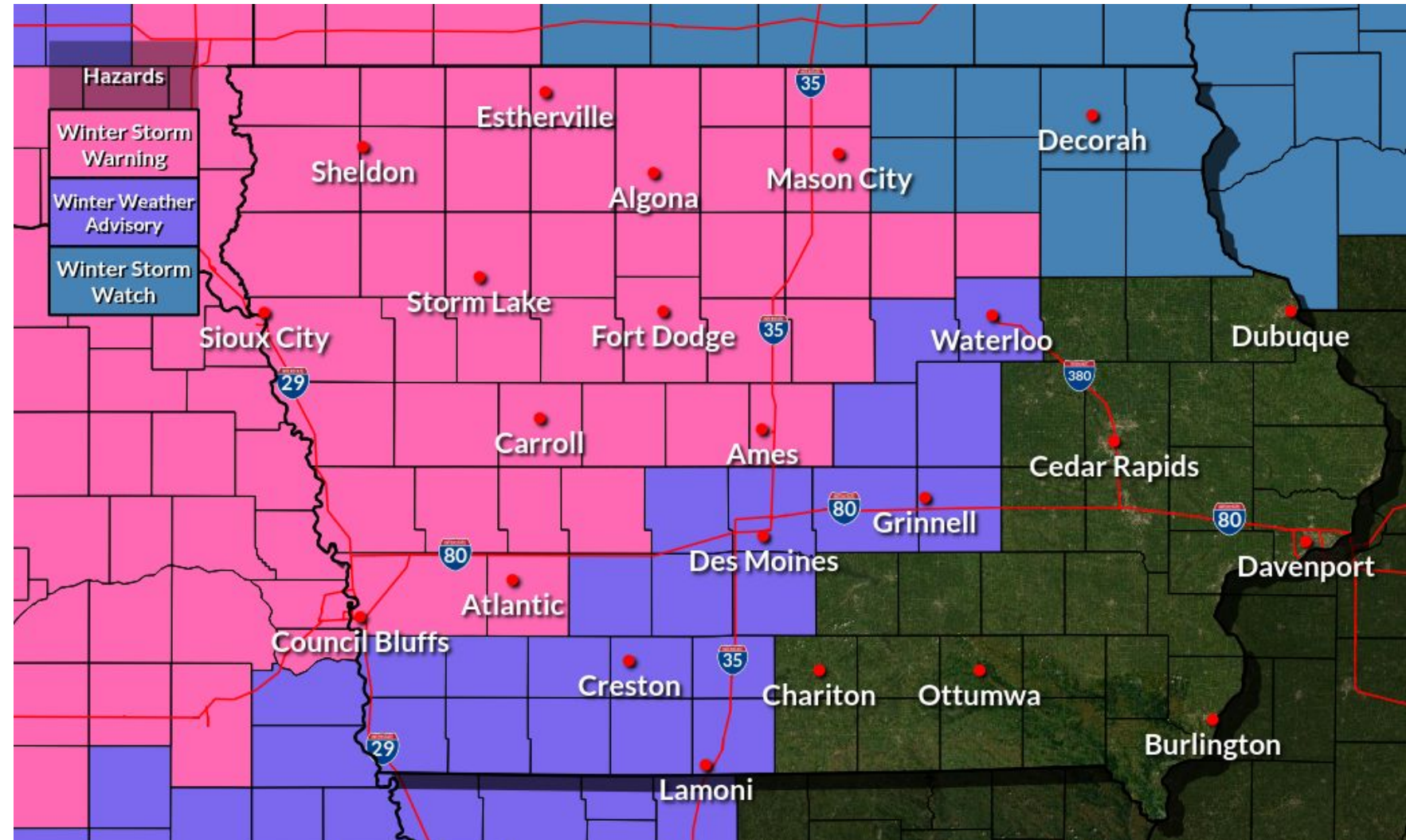
January 17, 2023
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Wednesday afternoon through Thursday morning

Key Messages

- Moderate to heavy snow accumulations.
- One to two inch per hour rates may occur from late afternoon and through the evening Wednesday. Hazardous travel likely by the Wednesday evening commute.
- Freezing drizzle/light icing may be experienced.
- Snow consistency will tend to be on the *wetter* side, helping limit blowing snow concerns.

Current Winter Weather Headlines



NEW What Has Changed

- Minor adjustments to snow/wintry mix/ice
- Headline adjustments will be made by this afternoon

Next Scheduled Update

- Briefing Packet - By 6 am Wednesday Morning



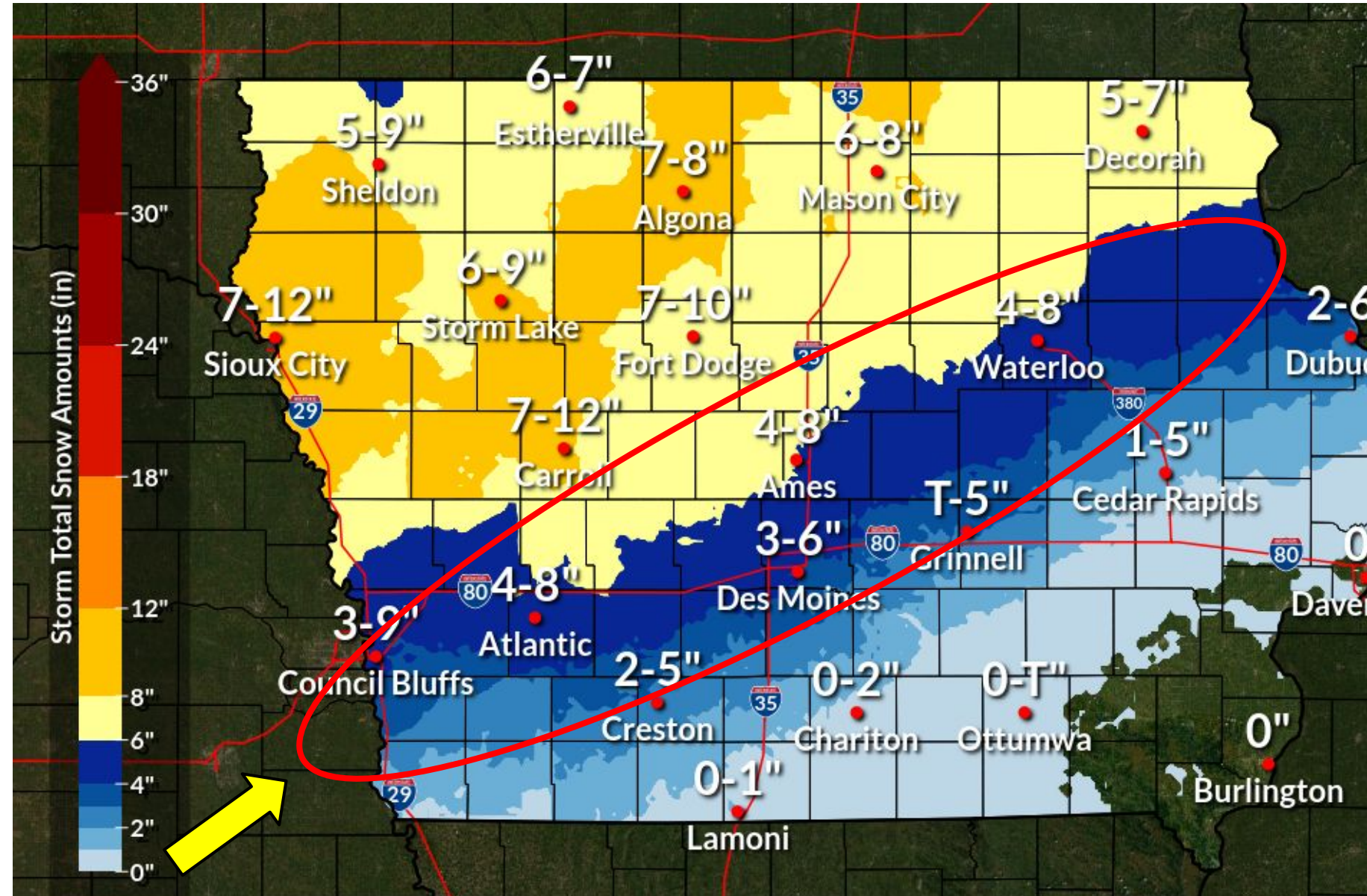
Total Snowfall Accumulations

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Forecast Snowfall Amounts by Thursday PM

Snow Accumulation Details

- Heaviest totals over the northwest half of Iowa. Snowfall rates of 1 to 2 inches are possible from late Wednesday afternoon and into the evening.
- Uncertainty along the southern edge of the snow due to the potential for a wintry mix or rain to occur at times, which would reduce amounts.
- Light blowing snow may occur with wind gusts of 20 to 25 mph but it is not expected to be a big impact with this event.
- Road conditions may quickly deteriorate. The hazardous conditions will impact the Wednesday evening and Thursday morning commutes.



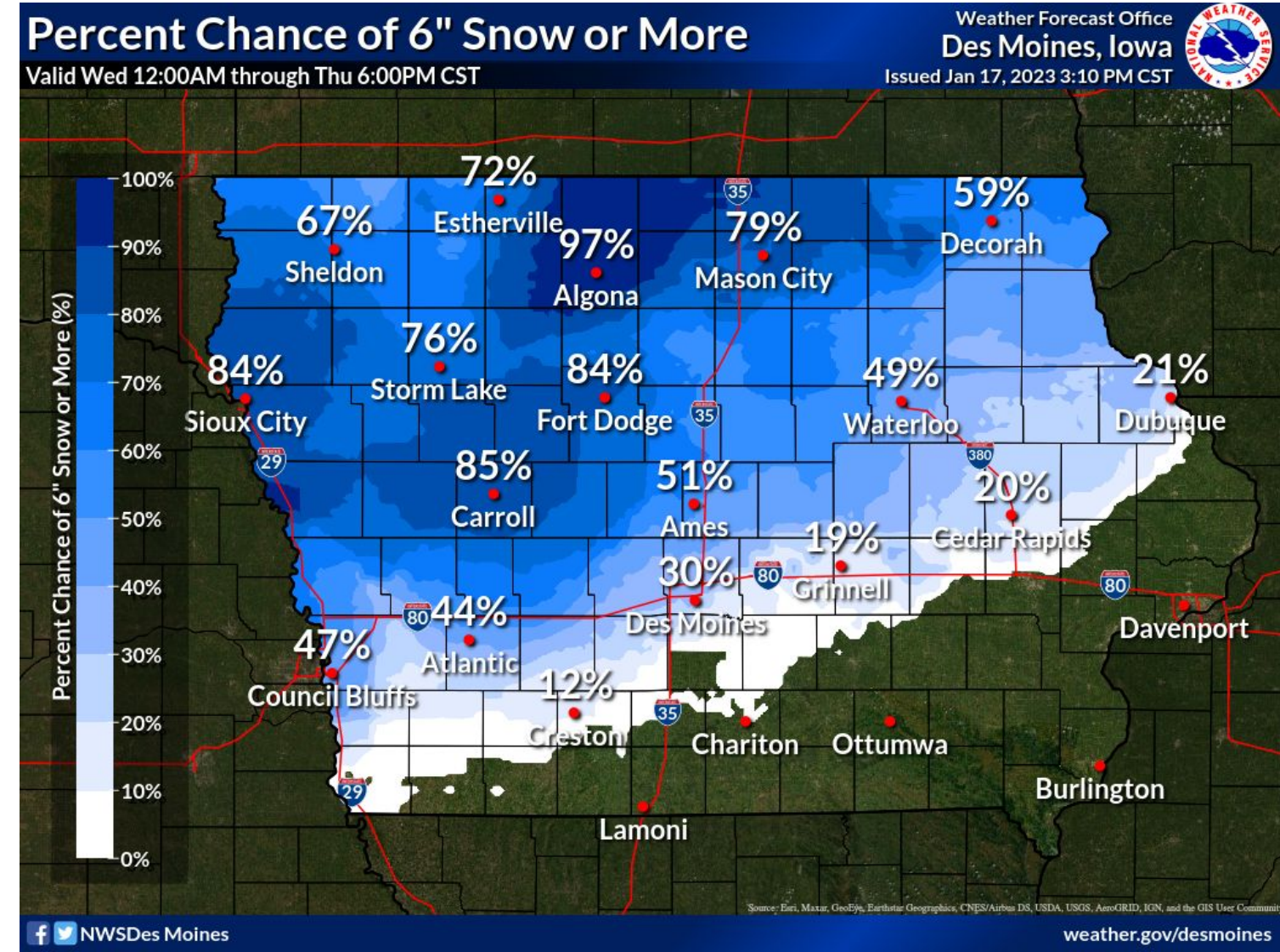
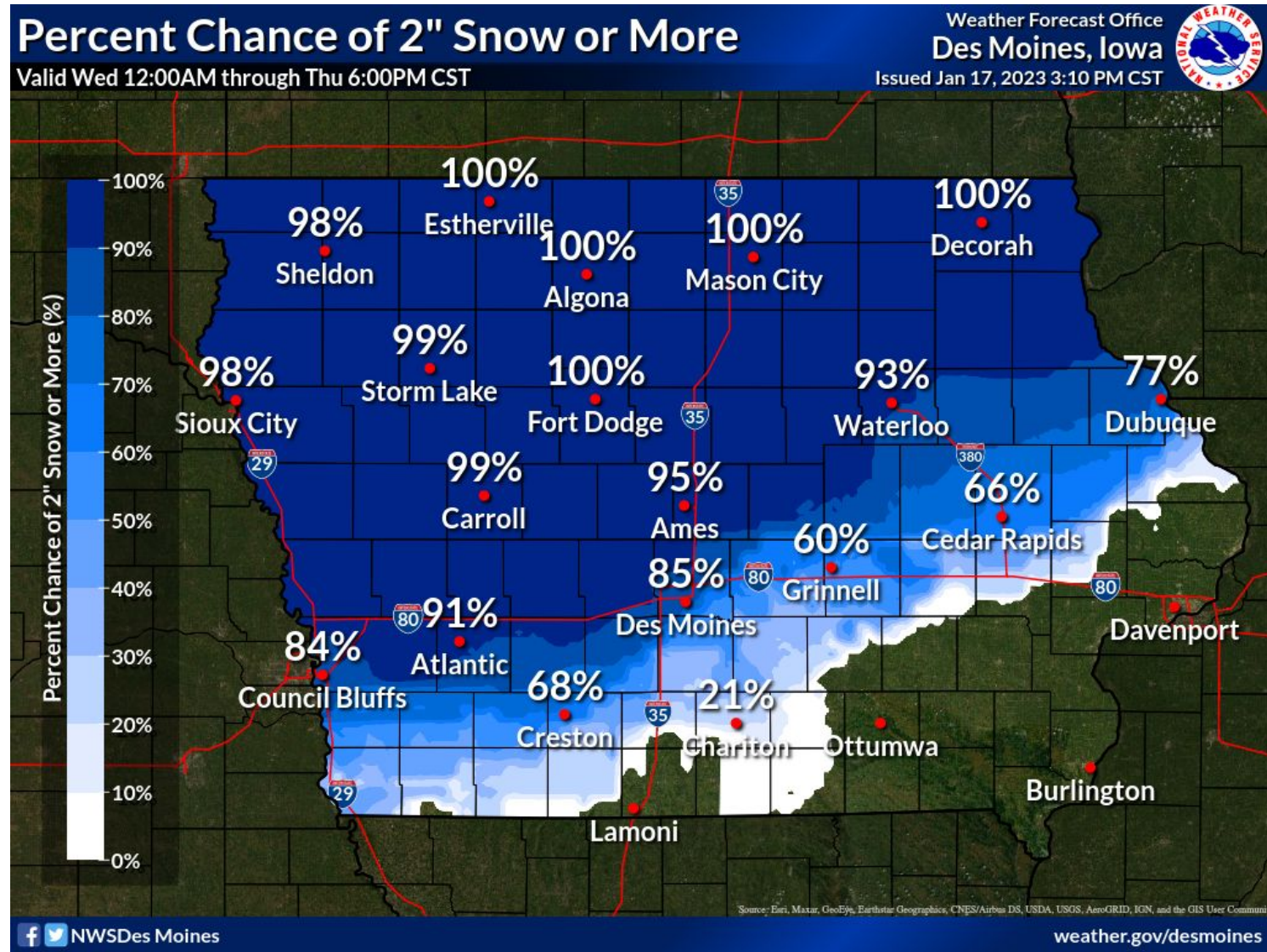
Area of most uncertainty



Snowfall Probabilities

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Probabilities of 2" or greater and 6" or greater





Minor Icing Potential

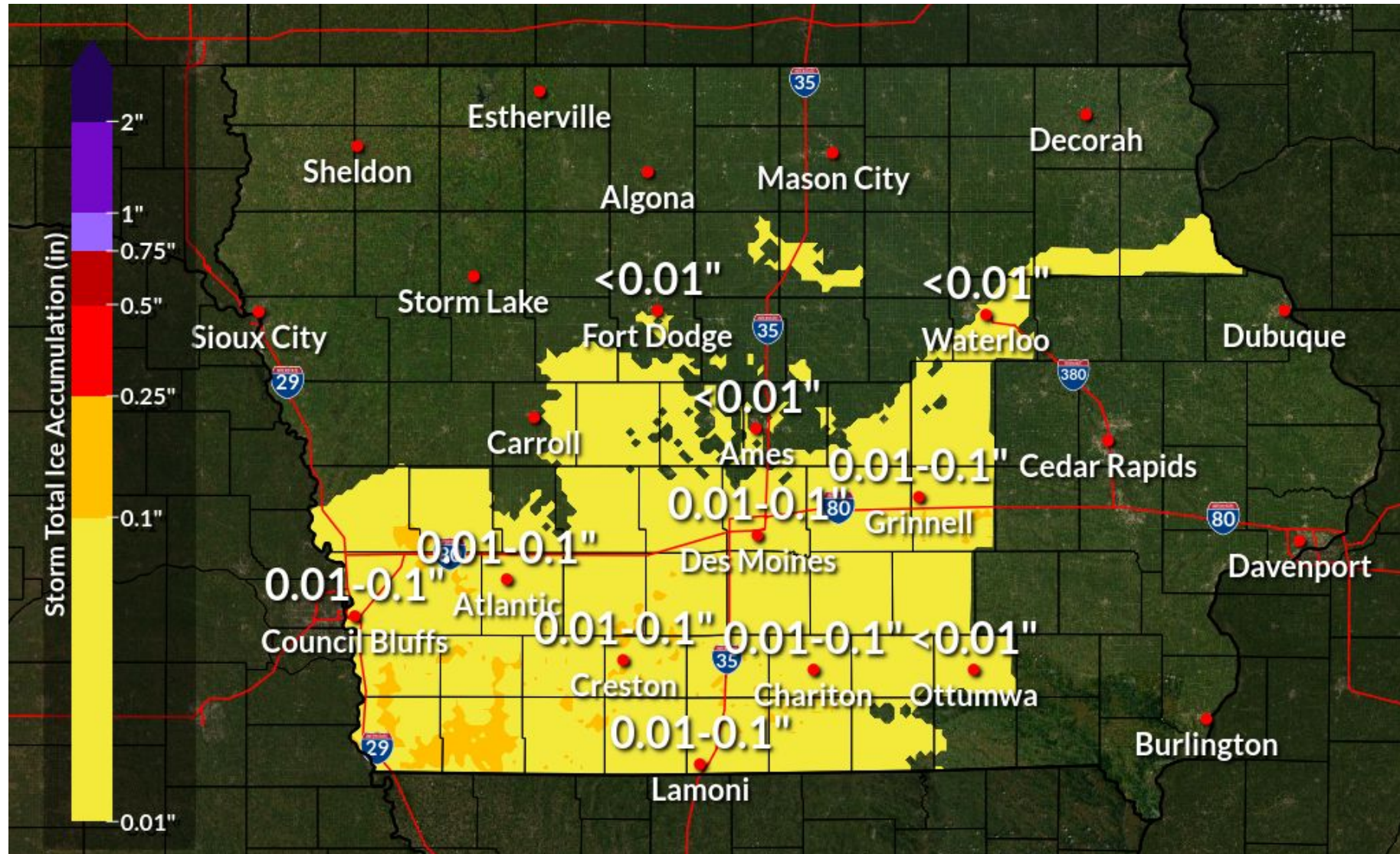
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Forecast amount and high end potential amount

Ice Accumulation Details

- Accumulating ice is not expected to be a major hazard with this winter storm.
- As precipitation moves in Wednesday morning, wintry mixes, including light freezing rain or freezing drizzle, will be possible.
- Additional light freezing drizzle may be seen in the highlighted areas Wednesday night.

Forecast Snowfall Icing by Thursday PM





Precipitation Type Timing

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	Wed	Wed	Wed	Wed	Wed	Wed	Thur	Thur	Thur	Thur
	6a - 9a	9a - 12p	12p - 3p	3p - 6p	6p - 9p	9p - 12a	12a - 3a	3a - 6a	6a - 9a	9a - 12a
Des Moines	Grey	Light Orange	Light Orange	Dark Orange	Dark Orange	Light Orange	Light Blue	Light Blue	Light Blue	Grey
Waterloo	Grey	Grey	Light Orange	Light Blue	Dark Blue	Dark Blue	Light Blue	Light Blue	Light Blue	Light Blue
Mason City	Grey	Grey	Light Blue	Light Blue	Dark Blue	Dark Blue	Light Blue	Light Blue	Light Blue	Grey
Fort Dodge	Grey	Grey	Light Blue	Light Blue	Dark Blue	Dark Blue	Light Blue	Light Blue	Light Blue	Grey
Estherville	Grey	Grey	Light Blue	Light Blue	Dark Blue	Dark Blue	Light Blue	Light Blue	Light Blue	Grey
Atlantic	Grey	Light Orange	Dark Orange	Dark Orange	Light Blue	Light Blue	Light Blue	Light Blue	Grey	Grey

Precipitation lifting from south to north on Wednesday.

Wintry mix over parts of central and southern Iowa at times Wednesday.

Rapidly deteriorating conditions expected mid-afternoon through the evening Wednesday.

All snow is expected Wednesday night and Thursday morning.

Precip Type

Dry

Rain

Wintry Mix

Freezing Rain

Snow





Forecast Peak Wind Gusts

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Maximum Wind Gust Forecast

	1/18 Wed							1/19 Thu							1/20 Fri			
	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am
Ames	8	13	17	22	24	23	21	18	16	18	24	25	24	21	17	17	16	14
Carroll	10	17	20	24	26	23	21	21	18	20	23	24	22	17	18	18	15	13
Creston	16	21	24	28	29	23	17	18	18	21	24	25	24	21	18	18	16	15
Des Moines	8	14	18	22	24	21	18	18	16	18	23	24	24	21	17	16	16	14
Estherville	10	12	14	17	22	21	21	22	21	21	24	25	25	21	18	18	16	16
Fort Dodge	9	14	16	20	23	21	17	20	20	18	21	22	22	18	18	18	16	14
Marshalltown	7	12	15	20	25	23	20	18	18	18	23	24	24	21	18	17	17	15
Mason City	9	10	13	16	21	17	18	18	17	16	20	21	21	20	17	16	16	16
Ottumwa	8	14	17	23	25	25	18	15	14	18	24	30	30	25	22	20	18	18
Waterloo	10	9	13	17	23	22	20	20	20	18	21	23	23	21	18	18	18	16

Strong, gusty winds are not expected to play a major role in this winter storm.

Periods of wet snow will help limit blowing snow potential as well.

Best opportunity for blowing snow will be far N/NW areas where snow will be *drier*.

*Table values in mph

**Created: 12 pm CST Tue 1/17/2023

***Values are maximums over the period beginning at the time shown.

Don't see your city? Check out weather.gov/forecastpoints



Winter Driving Reminders

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Ice and Snow, Take it Slow

70% of snow and ice-related injuries occur in automobiles

Leave extra space between you and the vehicle in front of you

weather.gov/winter



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

National Weather Service
Des Moines, Iowa