



Winter Storm Tonight Through Saturday A.M.

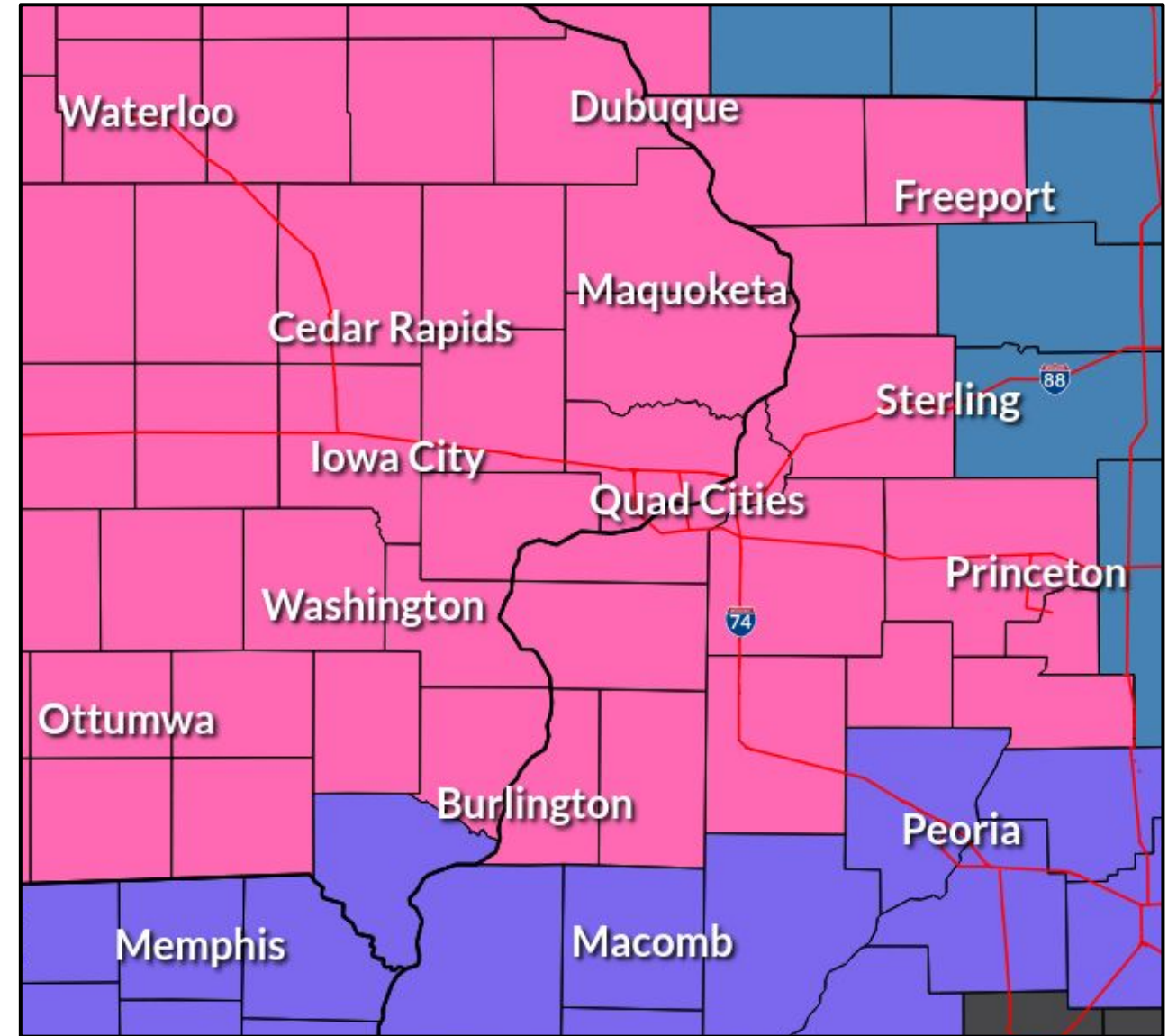
January 11, 2024
4:21 AM

Blizzard Potential Friday Night - Saturday A.M.

Key Messages

- A winter storm will impact the area tonight through Saturday morning bringing a combination of heavy snowfall rates and amounts, mixed precipitation including some icing, and strong winds with blowing snow
- Total snowfall accumulations of 4 to 10 inches are expected, with the highest totals north of I-80 where some localized amounts nearing one foot are possible
- The **most significant impacts** from snow and blowing snow together are forecast Friday night into Saturday A.M. (~50% chance of blizzard conditions over eastern Iowa)

Latest Watches / Warnings / Advisories



Winter Weather Advisory
Winter Storm Warning
Winter Storm Watch

NEW What Has Changed

- Winter Storm Watch upgraded to Winter Storm Warning
- Blizzard potential has increased for Friday Night and Saturday morning, especially for eastern Iowa

Next Scheduled Update

- By 4 PM this afternoon



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Confidence & Uncertainties

What We Know

Significant impacts will occur within the region, with highest confidence along and north of I-80 where longer duration of heavier snow rates are expected

Compared to the winter storm earlier this week, this one is less likely to have 12+ inches of snow, however **confidence is high that winds will this storm will be impacting** as they are stronger and overlap colder air Friday Night into Saturday

Water content in the snow will initially be high, however the snow will become lighter and more easily blown by wind later Friday

Uncertainties

How far north the mixed precipitation will move on Friday morning and how long it will persist during the day Friday; this may significantly alter snowfall amounts as well as influence where any light icing may occur

If true blizzard conditions will be reached over a widespread area Friday night into Saturday morning; if so a Blizzard Warning will be needed

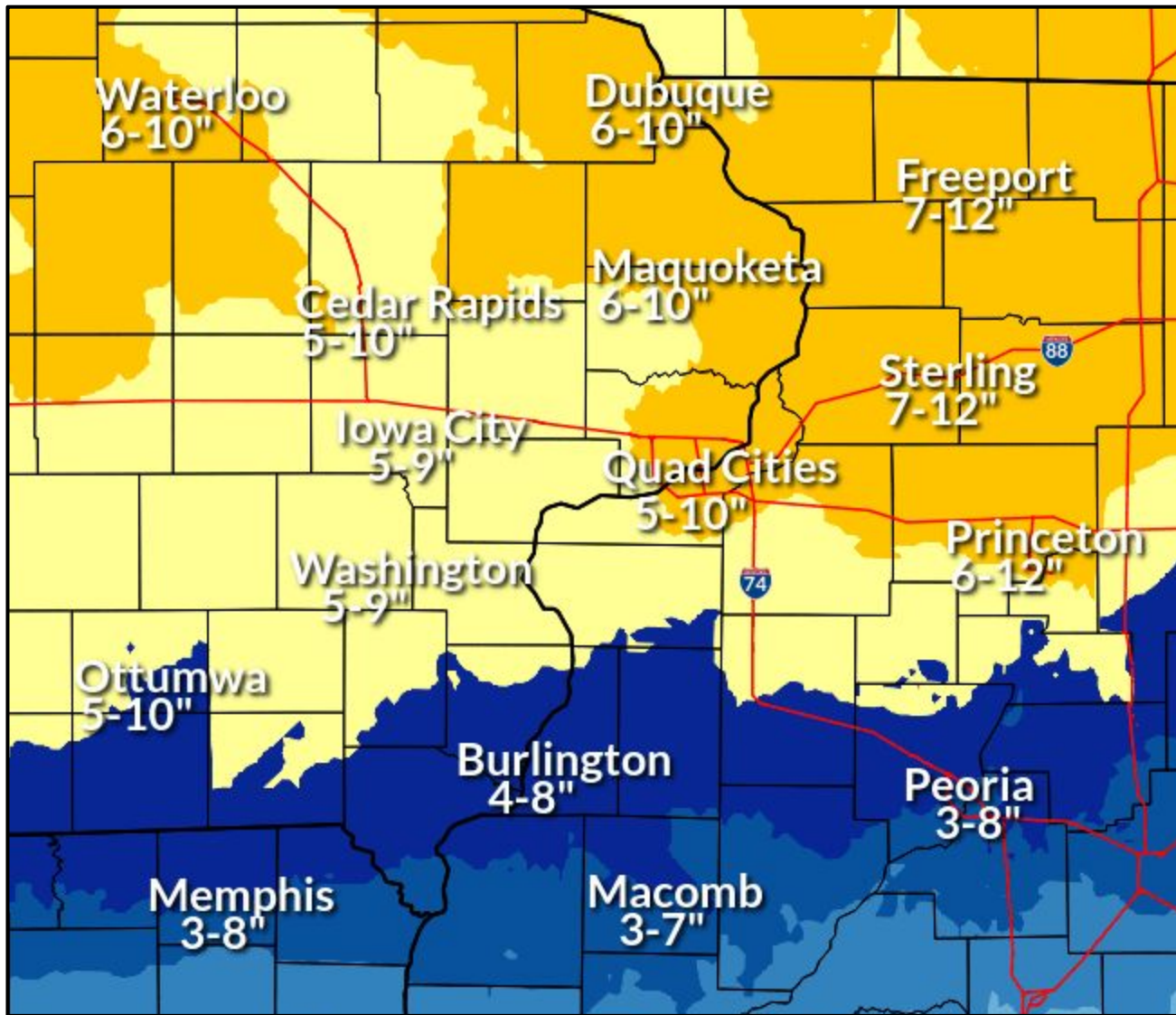


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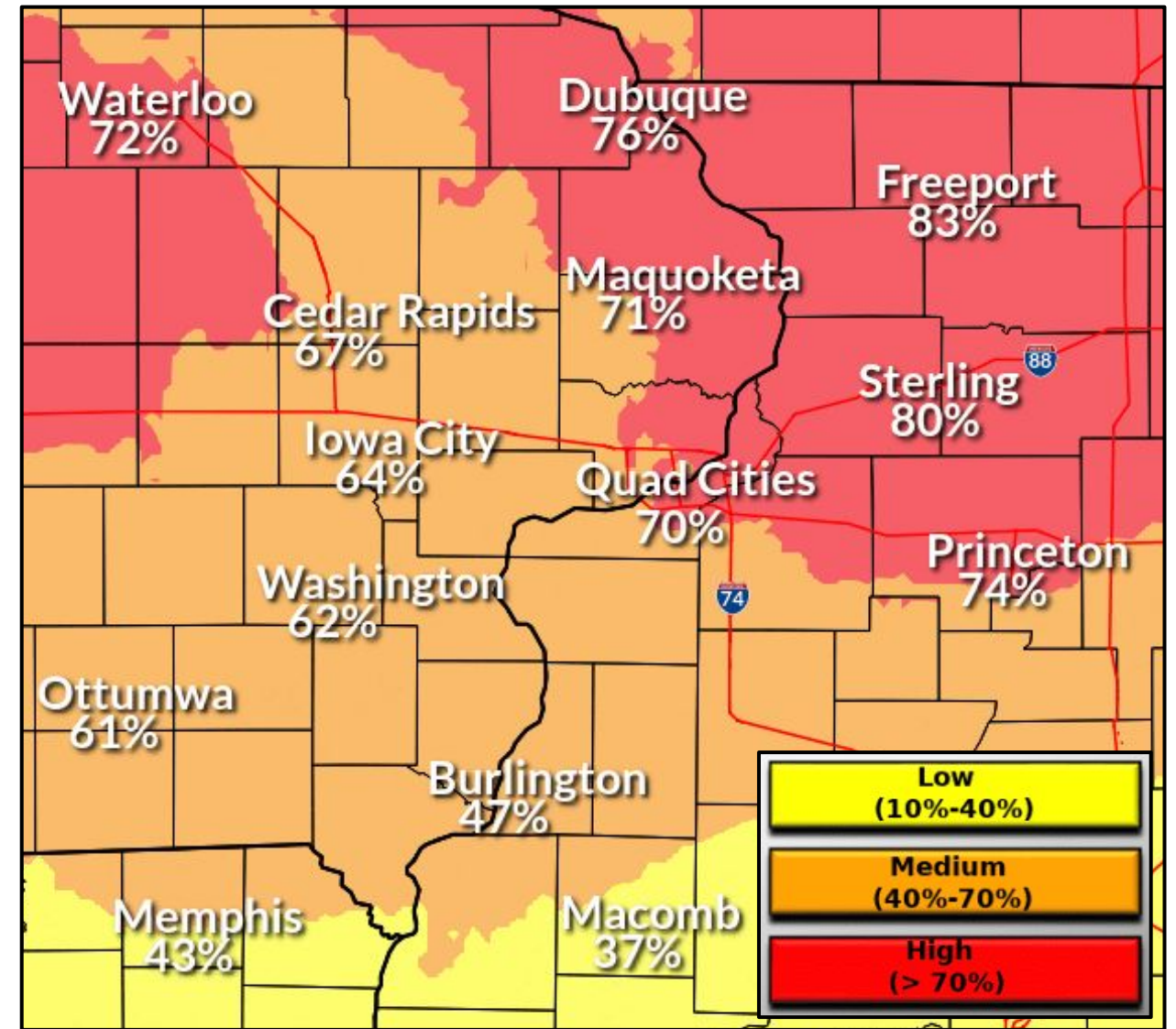
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Snowfall Forecasts

Forecast Total Snowfall



Potential for > 6" of Total Snowfall



NOTE: Depending on duration of mixed precipitation from I-80 south, forecast snow amounts may still greatly change

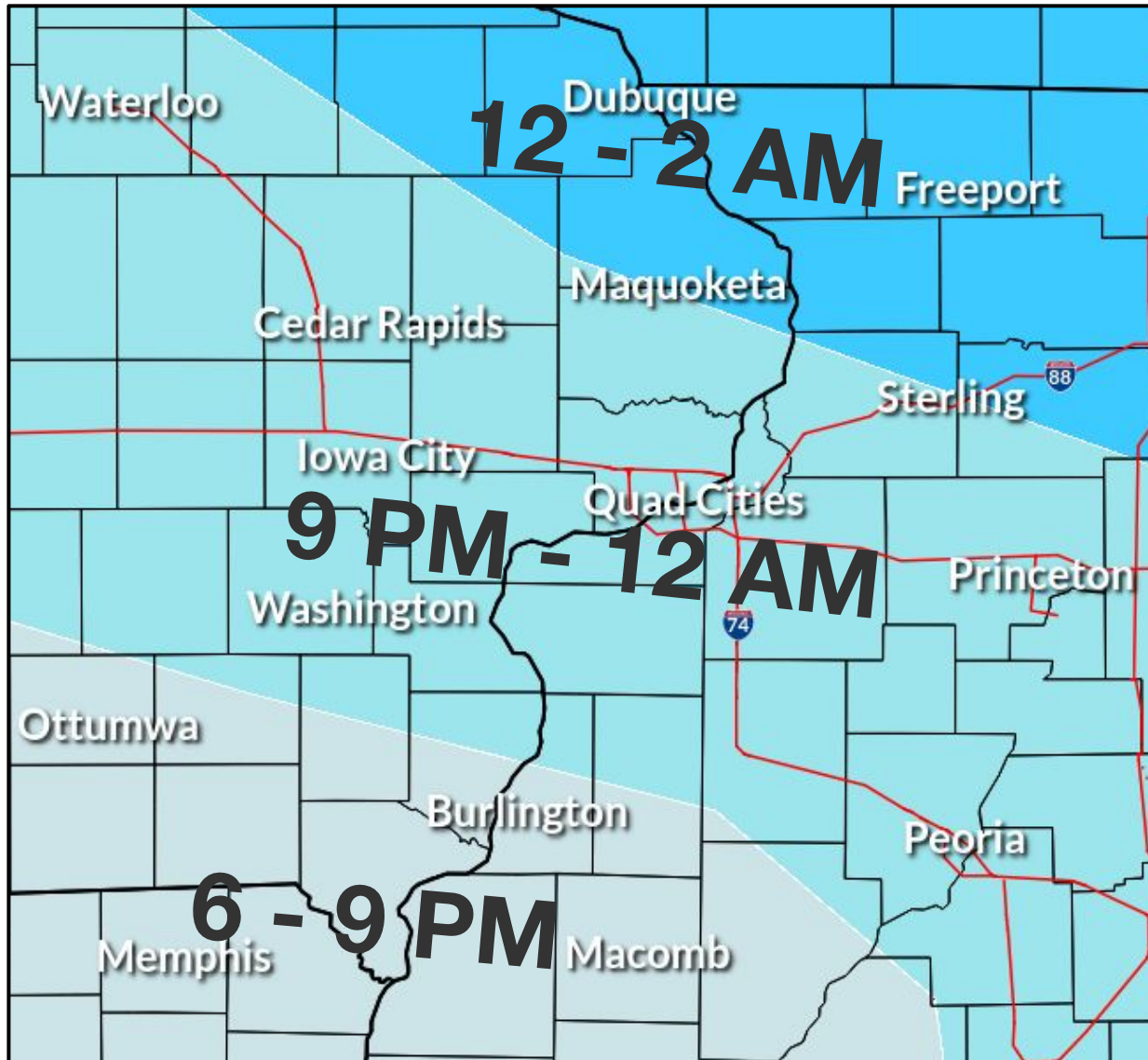


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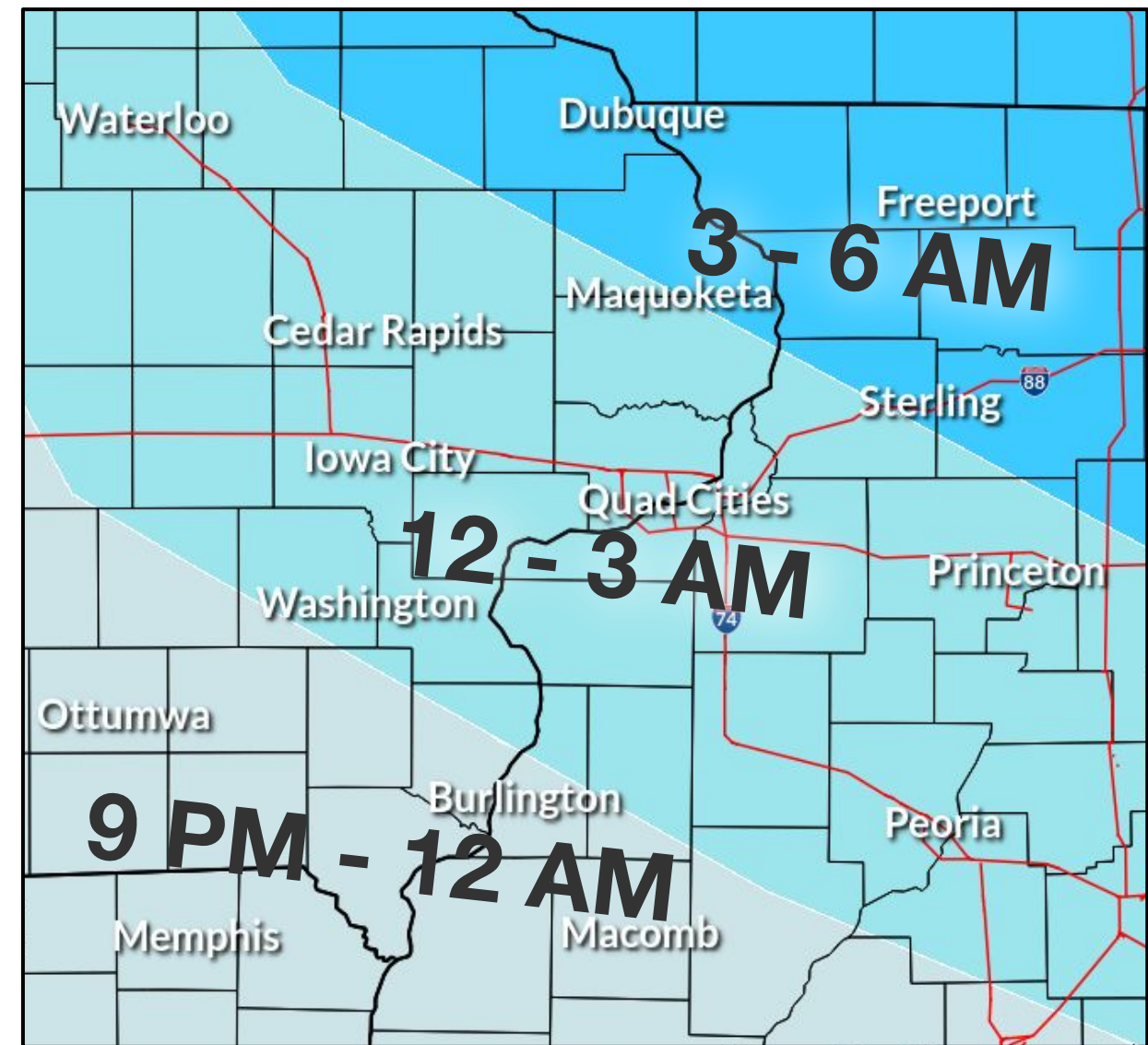
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Timing

Onset Time of Snow Tonight



End Time of Snow Fri Night / Sat A.M.



NOTE: Blowing and drifting snow and travel impacts are expected to continue longer into Sat morning

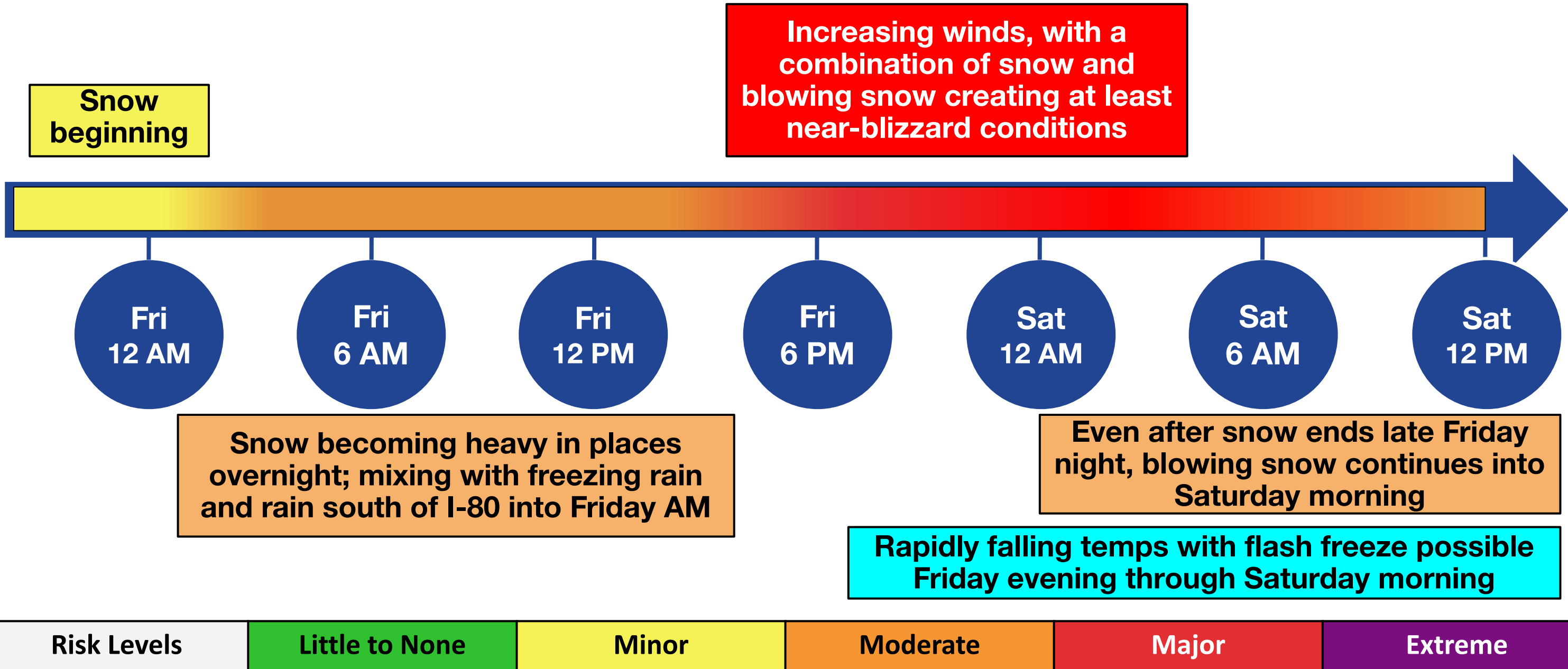




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Timeline of Hazards and Impact Levels





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Wind and Temperatures

Forecast Wind Gusts (mph)

	Fri								Sat								Sun							
	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm	9pm
Burlington	23↙	25↙	24↙	20↙	23↓	35↘	47↘	46↘	45↘	40↘	35↘	31↘	28↘	29↘	33↘	31↘	36↘	29↘	26↘	22↘	21↘	22↘	20↘	18↘
Cedar Rapids	17↙	26↙	26↙	26↙	26↓	32↓	40↘	45↘	37↘	36↘	30↘	26↘	29↘	26↘	32↘	31↘	32↘	30↘	28↘	24↘	23↘	23↘	21↘	20↘
Davenport	16↙	25↙	26↙	24↙	22↙	31↓	38↘	44↘	38↘	37↘	32↘	29↘	29↘	28↘	31↘	30↘	32↘	29↘	26↘	24↘	24↘	23↘	24↘	20↘
Dubuque	10↙	17↙	24↙	26↙	25↙	26↓	36↓	38↓	35↘	29↘	29↘	26↘	23↘	25↘	29↘	25↘	29↘	24↘	24↘	23↘	23↘	23↘	22↘	18↘
Iowa City	18↙	28↙	26↙	23↙	26↓	33↓	43↘	45↘	38↘	37↘	30↘	26↘	29↘	26↘	31↘	31↘	32↘	29↘	26↘	23↘	23↘	23↘	21↘	20↘
Moline	16↙	24↙	26↙	24↙	22↙	31↓	38↘	43↘	37↘	37↘	33↘	30↘	28↘	29↘	32↘	30↘	33↘	28↘	26↘	24↘	24↘	24↘	24↘	20↘

Forecast Temperatures

	Fri								Sat								Sun							
	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm	9pm
Burlington	29	31	31	32	32	30	25	22	17	14	11	10	11	13	8	2	-2	-4	-8	-10	-4	-1	-3	-8
Cedar Rapids	22	24	25	27	29	27	24	21	17	14	12	10	11	9	5	0	-3	-6	-10	-11	-9	-3	-9	-12
Davenport	25	28	29	32	32	32	30	27	21	17	14	15	15	13	9	2	0	-4	-7	-9	-2	-2	-5	-11
Dubuque	23	25	26	30	30	31	31	28	23	21	18	17	16	15	10	5	2	-1	-5	-7	-2	0	-5	-7
Iowa City	23	25	26	30	30	29	25	22	16	13	11	11	11	10	6	1	-2	-6	-10	-11	-4	-2	-8	-12
Moline	26	28	29	32	32	32	30	27	21	18	15	15	15	13	9	3	1	-3	-7	-7	-1	-1	-4	-10

Wind Chills

Sat: 0° to -15°

Sat Night:
-15° to -30°

Sun: -20° to -30°



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.

Blizzard Warning: A significant winter storm with strong winds, snow, and low visibility is imminent and is a danger to life and property.

Ice Storm Warning: Dangerous ice accumulations are imminent