

**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 very strong winds with blizzard conditions
- Total snowfall accumulations of 4 to 12 inches are expected, with the highest totals north of I-80. Some localized amounts nearing 14 inches are possible along Highway 20.
- The **most significant impacts** from strong winds, snow, and blowing snow together are forecast Friday night into Saturday A.M.

## NEW

#### **What Has Changed**

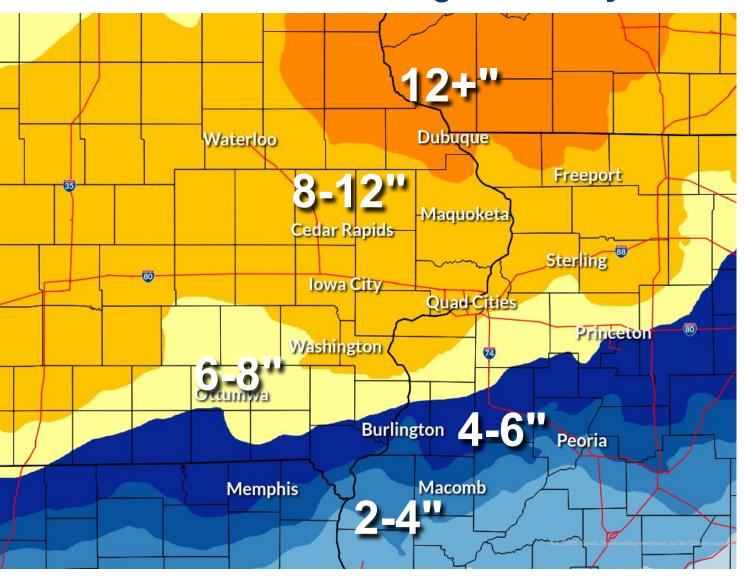
- Winter Storm Warning is upgraded to Blizzard Warning
- Blizzard potential has increased for Friday Night and Saturday morning, especially for eastern Iowa

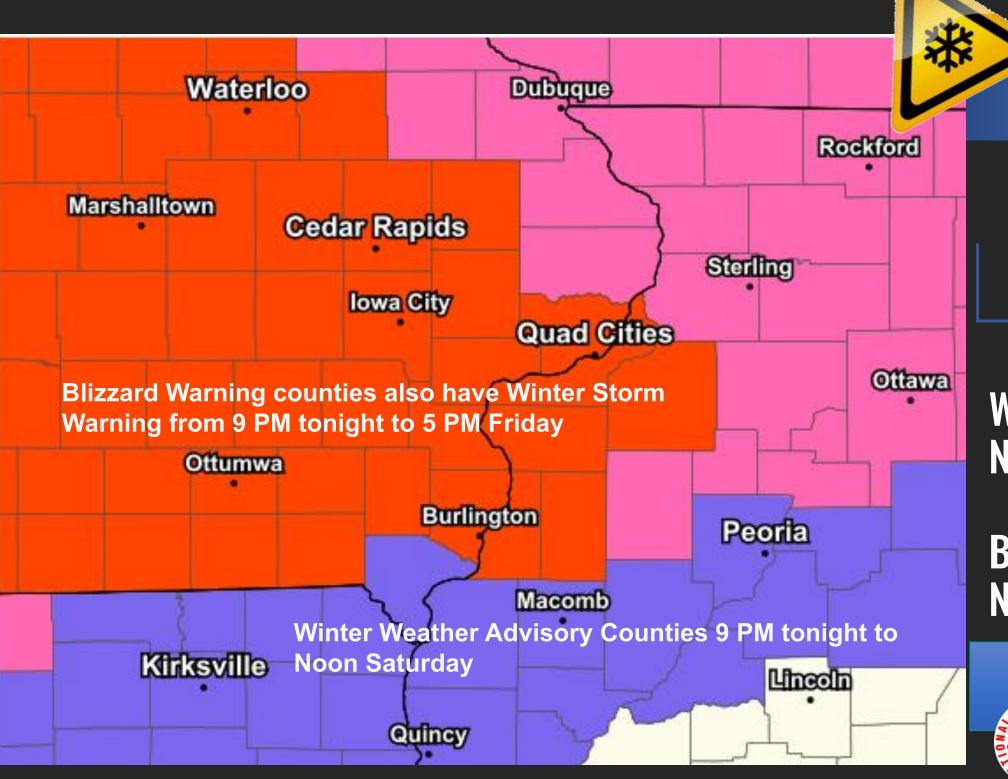
#### **Next Scheduled Update**

• By 4 AM Friday, with updated graphics

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

#### **Snowfall Forecast Through Saturday AM**





# WINTER WEATHER



Thu Jan 11, 2024 3:16 PM

- Blizzard Warning
- Winter Storm Warning
- Winter Weather Advisory
- Winter Storm Watch

Winter Storm Warnings 9 PM to **Noon Saturday** 

Blizzard Warnings 5 PM Friday to **Noon Saturday** 

Get Your Local Forecast www.weather.gov

**NWS QUAD CITIES** 





#### **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, **confidence is high that winds will this storm will be <u>very impactful</u>** with gusts of 40 to 50 mph Friday Night into
Saturday, creating blizzard conditions in some areas

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

All areas will see significant winter impacts Friday night and Saturday

#### **Uncertainties**

How extensive the blizzard conditions are Friday Night and Saturday.





**Timeline of Hazards and Impact Levels** 



VERY STRONG winds, with a combination of snow and blowing snow creating blizzard conditions in many areas



Snow becoming heavy overnight; mixing with some freezing rain and rain south of I-80

Even after snow ends late Friday night, blowing snow continues into Saturday morning

Rapidly falling temps with flash freeze possible Friday evening through Saturday morning where any rain fell

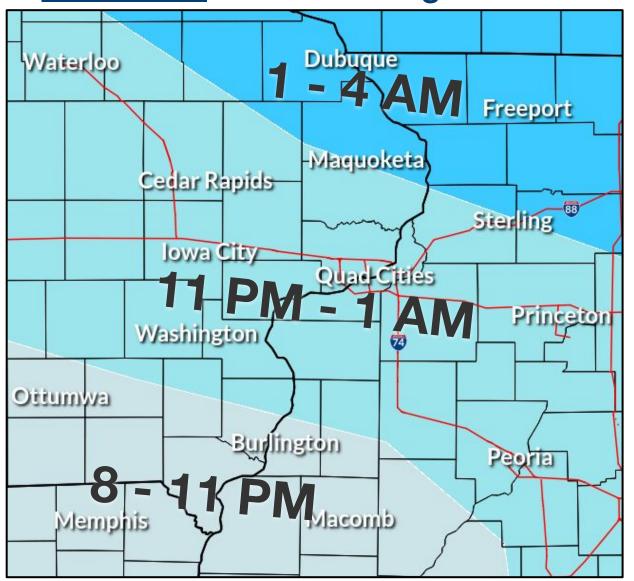
Risk Levels Little to None Minor Moderate Major Extreme



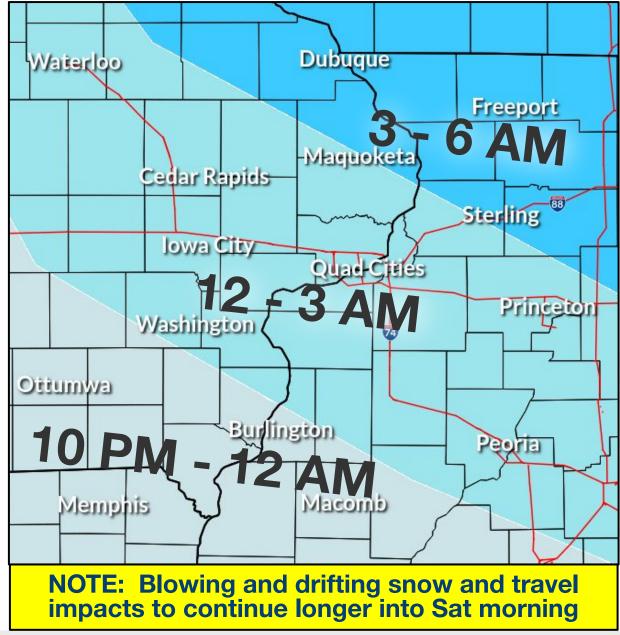


**Approximate Start and End Timing** 

#### **Start Time of Snow Tonight/Fri AM**



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





National Weather Service Quad Cities, IA/IL



#### **Wind and Temperatures**

#### **Forecast Wind Gusts (mph)**

	1/12									1/13									1/14						
	Fri								Sat									Sun							
	12am	3am	6am	9am	12pn	n 3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm		
Burlington	26	25	24	23₩	30	44	48	46	45	40	35	31→	28	32	33	35	36→	29	26	22	22*	22	20		
Cedar Rapids	23	28	26■	26₽	30♣	38	45	45	37 <b>⁴</b>	36	30	28	29	30	32	32	32	30	28	24	23	23	21		
Davenport	22	26	264	24	28	36	43	44	38	37	32	29	29	30→	31→	32	32→	29	26	24	24	24	24		
Dubuque	14*	22	25	26	25	32₺	38♣	38	35	29	29	26	24	28	29	28	29*	24	24	23	23	23	22		
lowa City	25	304	264	24	31₺	40	45 <b>×</b>	45	38☎	37	30	28	29	30	31	32	32	29	26	23	23	23	21		
Moline	22	28	264	24	28	36	41	43	37 <b>⁴</b>	37	33	30	28	31→	32	32	33	28	26	24	24	24	24		

#### **Forecast Temperatures**

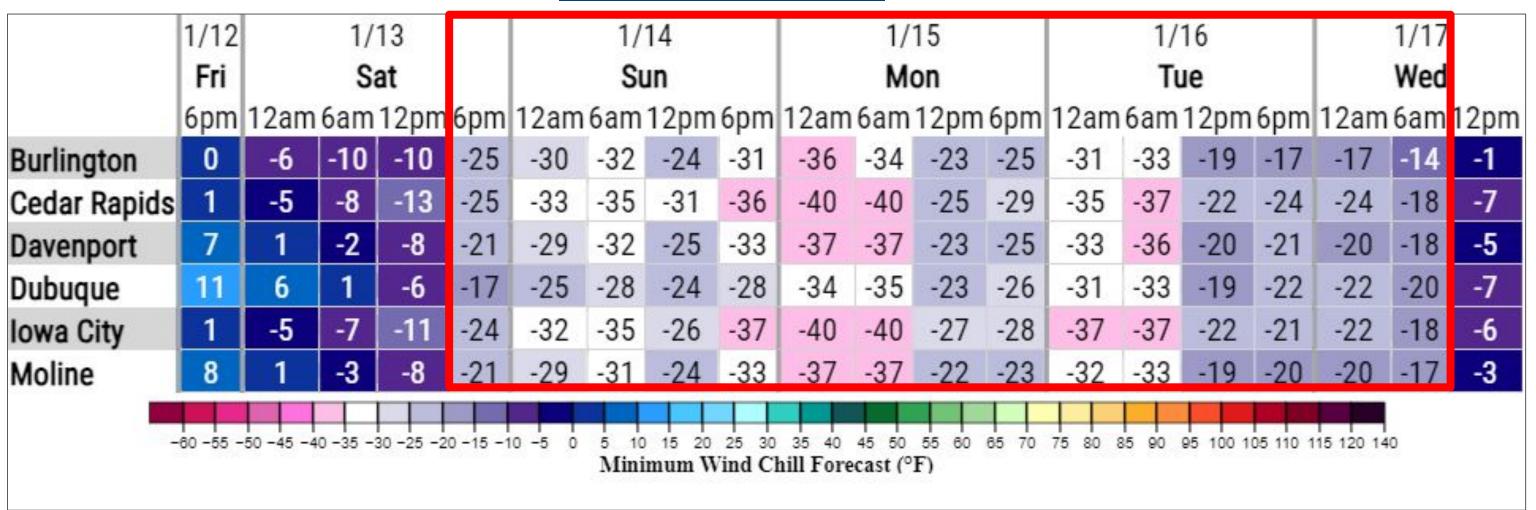
-																									
	Fri								Sat								Sun								
	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am 3am 6am 9am 12pm 3pm 6pm 9pm									12am 3am 6am 9am 12pm 3pm 6pm							
Burlington	29	31	31	32	32	30	25	22	17	14	11	10	11	13	8	2	-2	-4	-8	-10	-4	-1	-3		
Cedar Rapids	22	24	25	27	29	27	24	21	17	14	12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





Very Cold Air and Dangerous Wind Chills Developing Behind This System

#### **Forecast Wind Chills**





# CHILLY



# DRESSING FOR COLD WEATHER COLD



# EXTREME COLD







# Snow Covered Roads = Take it Slow!

# ICE & SNOW, TAKE IT SLOW

Each year in the U.S., there are over **1,000 deaths** and **100,000 injuries** due to vehicle crashes during winter weather.





Clean off your vehicle before driving. Flying snow from cars causes accidents.



Keep it slow, and don't use cruise control. Roads can be slick even if they just look wet.



**Leave extra distance between vehicles.** Stay especially far from snow plows.



#### **Check Road Conditions**

- lowa <u>511ia.org</u>
- Illinois <u>gettingaroundillinois.com</u>
- Missouri <u>traveler.modot.orq</u>
- Wisconsin <u>511wi.gov</u>



**Submit a Storm Report** 

**Local Storm Report Map** 

