



# Winter Weather Thursday - Sunday

December 20, 2022  
5:31 AM

Extreme Cold and High Winds Expected, Significant Snowfall Possible

## Key Messages

- High confidence in a dangerous, arctic air Friday through Sunday morning
- High winds and potential snow could lead to power outages Friday
- Potential for significant impacts due to snow Thursday night through Friday.
  - ◆ Confidence is still low on amounts.

## NEW Important Updates

- Continued SE trend. Higher confidence in timing of impacts. Watch broadened, including Indianapolis, and Muncie

## Next Scheduled PDF Briefing

- Tomorrow morning by 5:00 AM



## Winter Watches Warnings and Advisories

■ Winter Storm Watch



Graphic Created  
December 20th, 2022  
4:24 AM CST





# Late Week Winter Storm Track

December 20, 2022  
5:31 AM

## Variable Precipitation Impacts

### What We Know

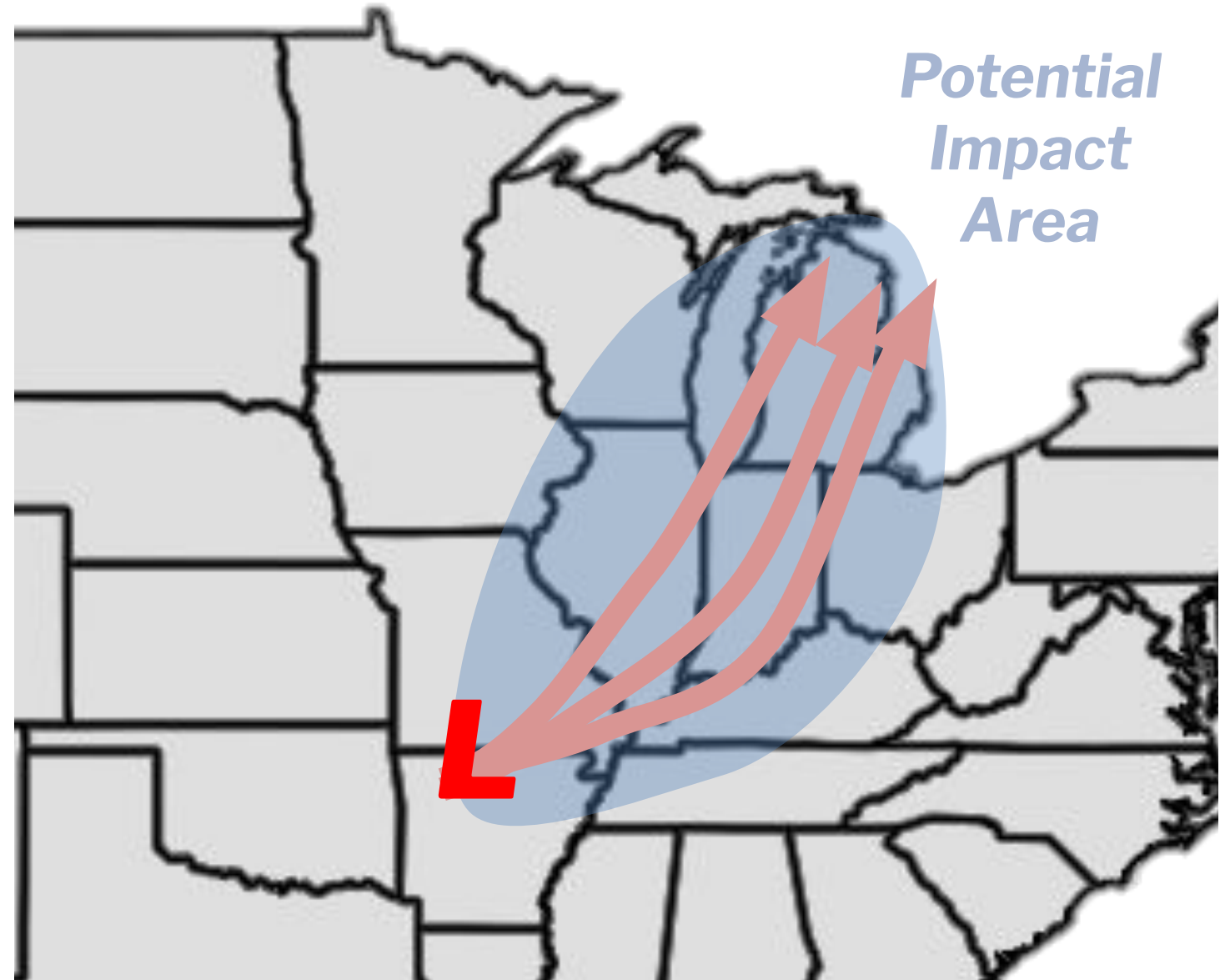
- Extremely cold air behind the low pressure system
- Very windy conditions of 40-55 mph gusts, combined with the cold will create dangerously low wind chills
- Heavy snow likely north and west of low pressure track

### Unanswered Questions

- Where exactly the low pressure system will track. Range of possibilities are narrowing.
- Snowfall location and amounts. Depends on the storm track, which is still uncertain

### What You Can Do Now

- Monitor forecast closely
- Prepare for potential travel impacts and power outages



Potential Storm Tracks



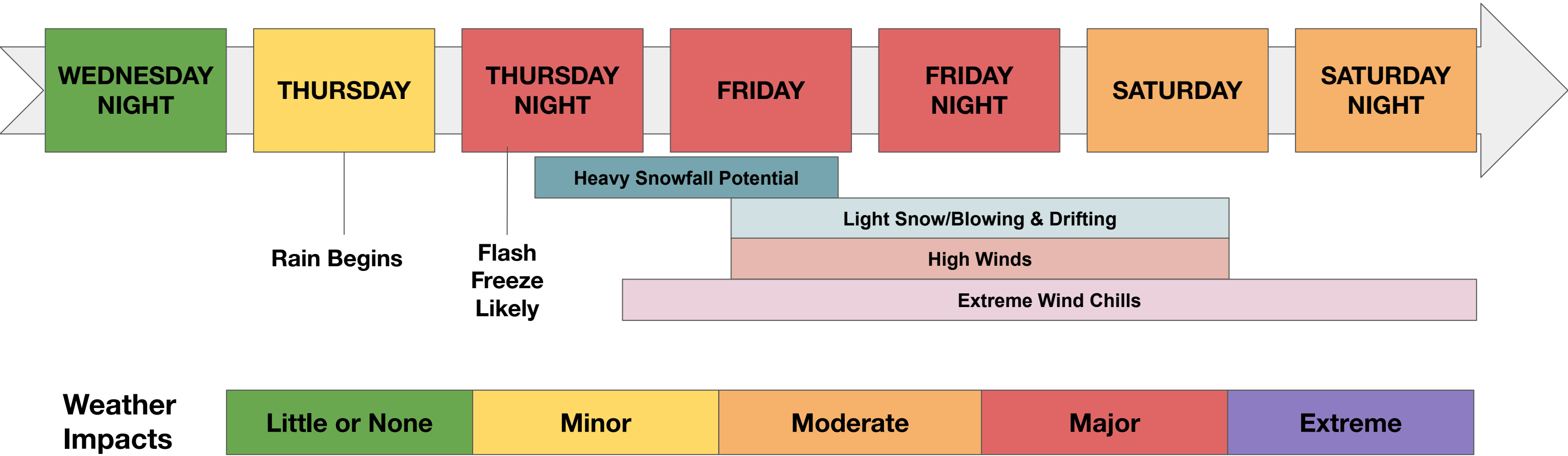


# Winter Storm Impacts

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General Timeline; Confidence Increasing, but Changes Still Possible

## Winter Storm Impact Timeline





# Extreme Cold Potential

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## Current Wind Chill Forecast (Weighted Toward Average)

### Minimum Wind Chill Forecast

	12/22 Thu				12/23 Fri				12/24 Sat				12/25 Sun				Minimum
	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	
Bloomington	29	29	35	3	-19	-25	-22	-18	-21	-20	-14	-8	-11	-11	-5	1	-25
Indianapolis	28	30	33	7	-17	-23	-22	-20	-21	-21	-17	-12	-15	-14	-8	-3	-23
Kokomo	22	26	30	6	-18	-25	-26	-23	-24	-25	-21	-17	-19	-20	-14	-12	-26
Lafayette	26	27	30	-1	-19	-26	-26	-23	-23	-25	-19	-15	-18	-17	-13	-8	-26
Muncie	27	28	30	16	-13	-23	-22	-22	-23	-24	-19	-13	-17	-17	-12	-7	-24
Noblesville	26	26	31	7	-17	-24	-23	-22	-23	-24	-18	-14	-15	-16	-11	-6	-24
Seymour	30	31	37	11	-13	-21	-20	-17	-18	-18	-13	-6	-9	-8	-1	4	-21
Terre Haute	29	32	30	-10	-21	-25	-23	-19	-21	-20	-14	-11	-13	-11	-6	-2	-25
Vincennes	30	34	31	-9	-18	-21	-19	-16	-18	-18	-12	-7	-9	-10	-1	3	-21

### What We Do Know

- Dangerously cold air will push into central Indiana
- Strong winds along with cold air temperatures will lead to below zero wind chills

### Remaining Uncertainties

- Any snow pack will result in lower air temperatures Saturday morning.
- Timing of cold air arrival Thursday Night

\*Table values in °F  
 \*\*Created: 5 am EST Tue 12/20/2022  
 \*\*\*Values are minimums over the period beginning at the time shown.



# High Wind Potential

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Current Wind Gust Forecast (Weighted Toward Average)

## Maximum Wind Gust Forecast

	12/22 Thu				12/23 Fri				12/24 Sat				12/25 Sun				Maximum
	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	
Bloomington	13	13	20	38	41	45	45	44	40	37	35	32	22	17	17	12	45
Indianapolis	15	17	21	35	45	45	47	46	43	37	36	32	23	20	18	15	47
Kokomo	16	17	20	33	48	49	51	49	45	40	37	36	26	20	18	17	51
Lafayette	16	17	20	36	44	48	48	47	45	39	36	33	24	20	17	16	48
Muncie	16	16	21	32	46	47	52	51	46	40	37	35	24	20	20	17	52
Noblesville	16	17	21	33	48	47	49	48	45	39	37	35	24	18	17	15	49
Seymour	13	14	18	37	40	45	45	44	40	38	33	31	22	17	16	12	45
Terre Haute	15	16	20	44	46	45	46	45	40	36	33	32	23	17	16	13	46
Vincennes	14	14	22	45	44	45	45	44	40	36	33	31	23	17	16	10	45

## What We Do Know

- High wind gusts expected beginning Thursday Night
- Highest wind gusts should be during the day on Friday

## Remaining Uncertainties

- The peak magnitude of sustained winds, and the resulting gusts. This table represents an average in a range of outcomes. Confidence is increasing
- Impacts of potential blowing snow

\*Table values in mph  
 \*\*Created: 5 am EST Tue 12/20/2022  
 \*\*\*Values are maximums over the period beginning at the time shown.



# 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



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