



# Feb 2-3 Winter Storm

February 2, 2022  
7:19 AM

## Overview

### Key Messages

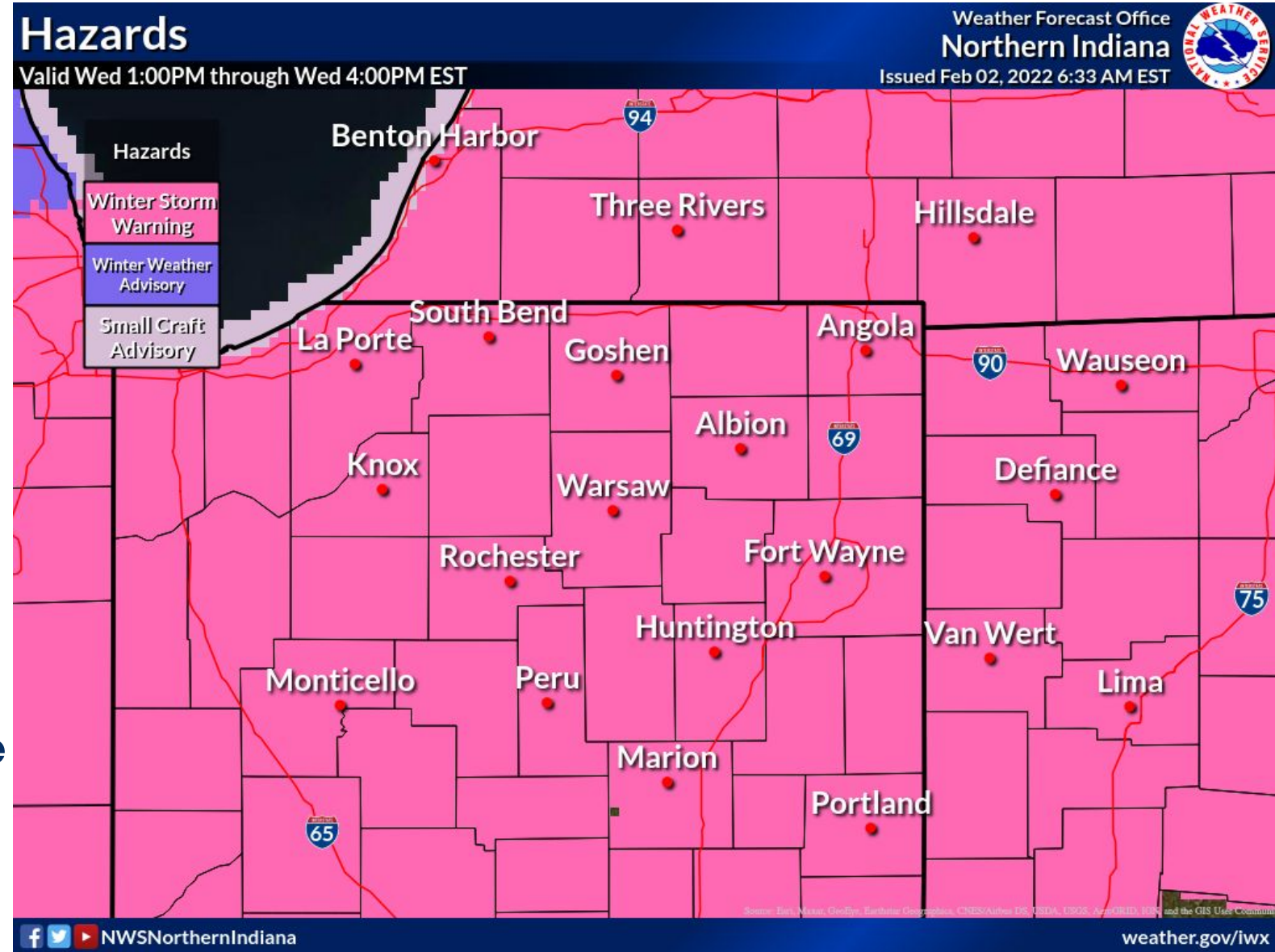
- Long-duration, high-impact winter storm
  - ◆ Travel very difficult Today & Thursday, possibly Friday
- Two rounds of heavy snow expected
  - ◆ Today: Rain transitioning ongoing,
    - Brief wintry mix possible
  - ◆ Thu: Heavy snow south of US-24,
    - Significant blowing/drifting

### **NEW** Important Updates

- Slight increase in storm total snow mainly from the second round.

### Next Scheduled Briefing

- This afternoon



Current Watches & Warnings



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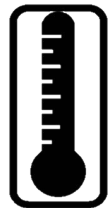
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## Round 1: Today through this Evening



### Snow Rates/Timing:

Steady between 0.5 and 0.75"/hr.  
Heaviest rates 6am-6pm (near 1" to 1.5"/hr possible)  
Lull in rounds of heavier snow this evening into the early overnight hours



### Temperatures and Snow "Type":

Upper 20s to lower 30s leading to a wetter/heavier snow (ratios around 10:1)



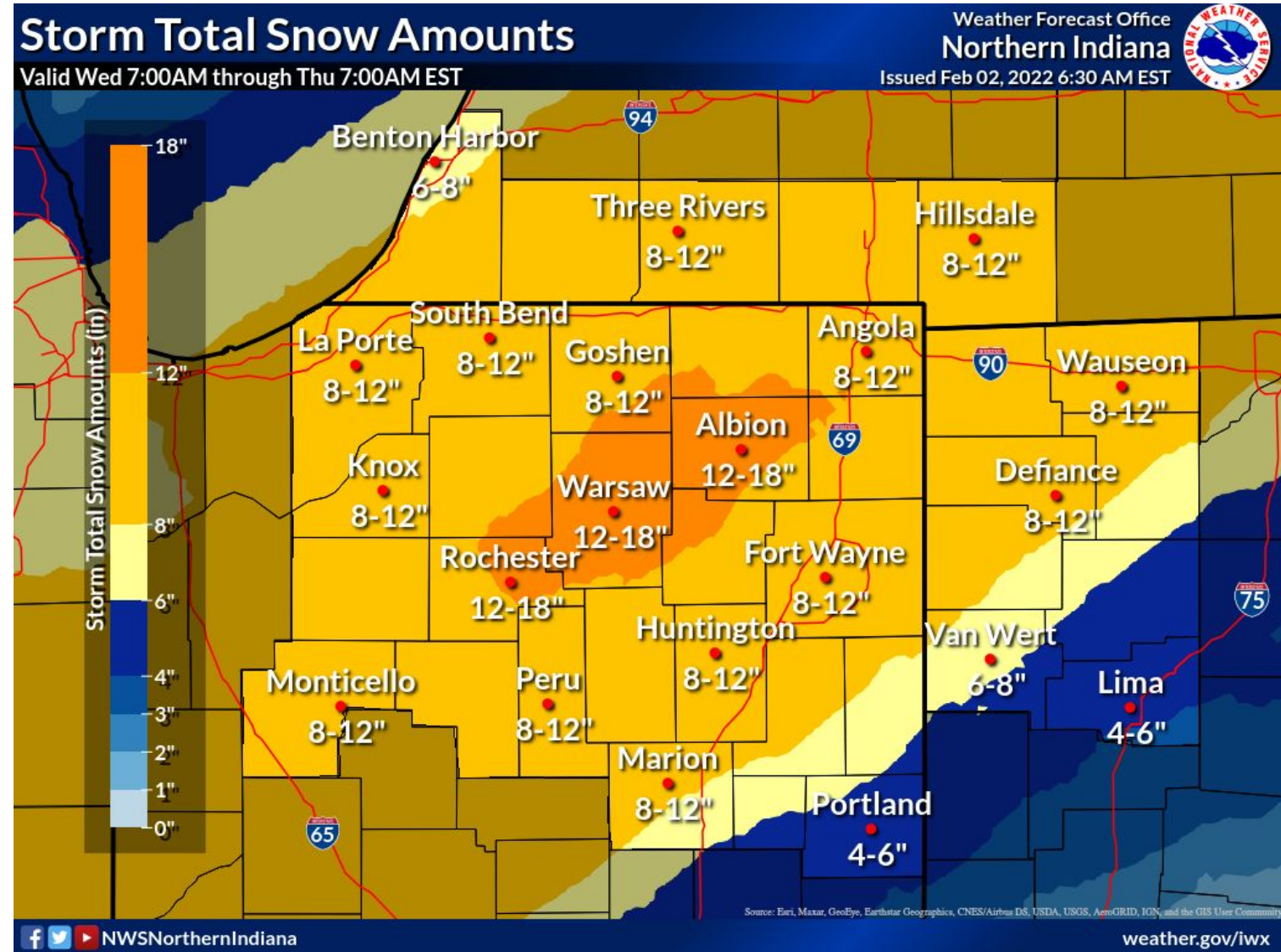
### Winds:

From the north 10-15 mph, gusts up to 20 mph



### What are the Lingering Uncertainties?

Exact timing of transition from rain to snow, especially along US-24. May impact accumulations.



### Forecast Snowfall - Today through Tonight



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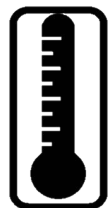
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## Round 2: Thursday



### Snow Rates/Timing:

Steady between 0.5 and 0.75"/hr.  
Heaviest rates 12-7pm Thu (near 1"/hr possible)  
Snow ends quickly Thu evening



### Temperatures and Snow "Type":

Upper teens to lower 20s leading to a drier/fluffier snow (ratios around 15:1)



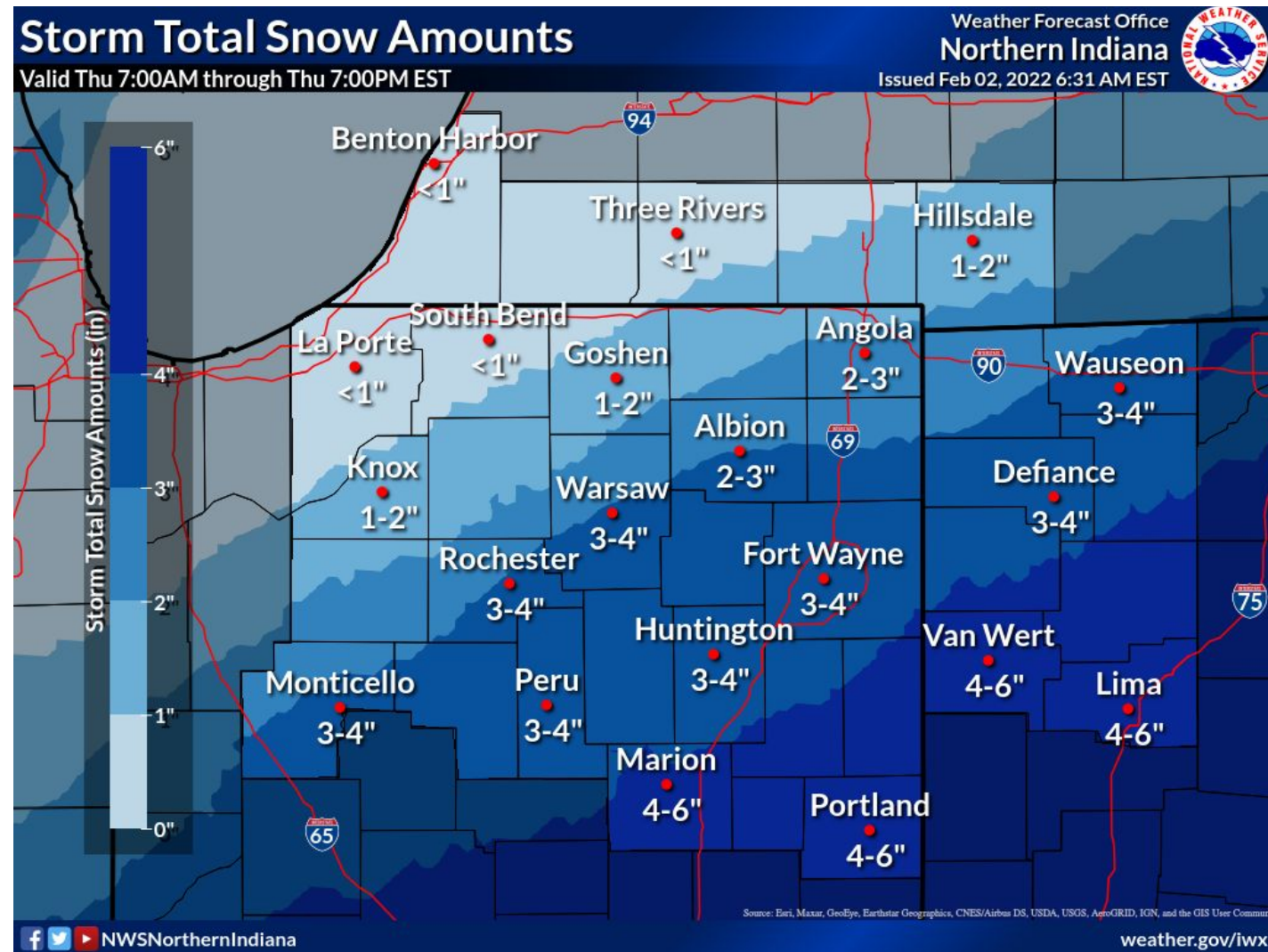
### Winds:

From the north 15-20 mph, gusts up to 25 mph  
Considerable blowing/drifts, especially on east-west roads in open areas



### What are the Lingering Uncertainties?

Exact location of heaviest snow. The best chances are south of US-24 but there is still some uncertainty where exactly it sets up.



**Expected Snowfall Thursday  
Lower Confidence**



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## Forecast Confidence Levels

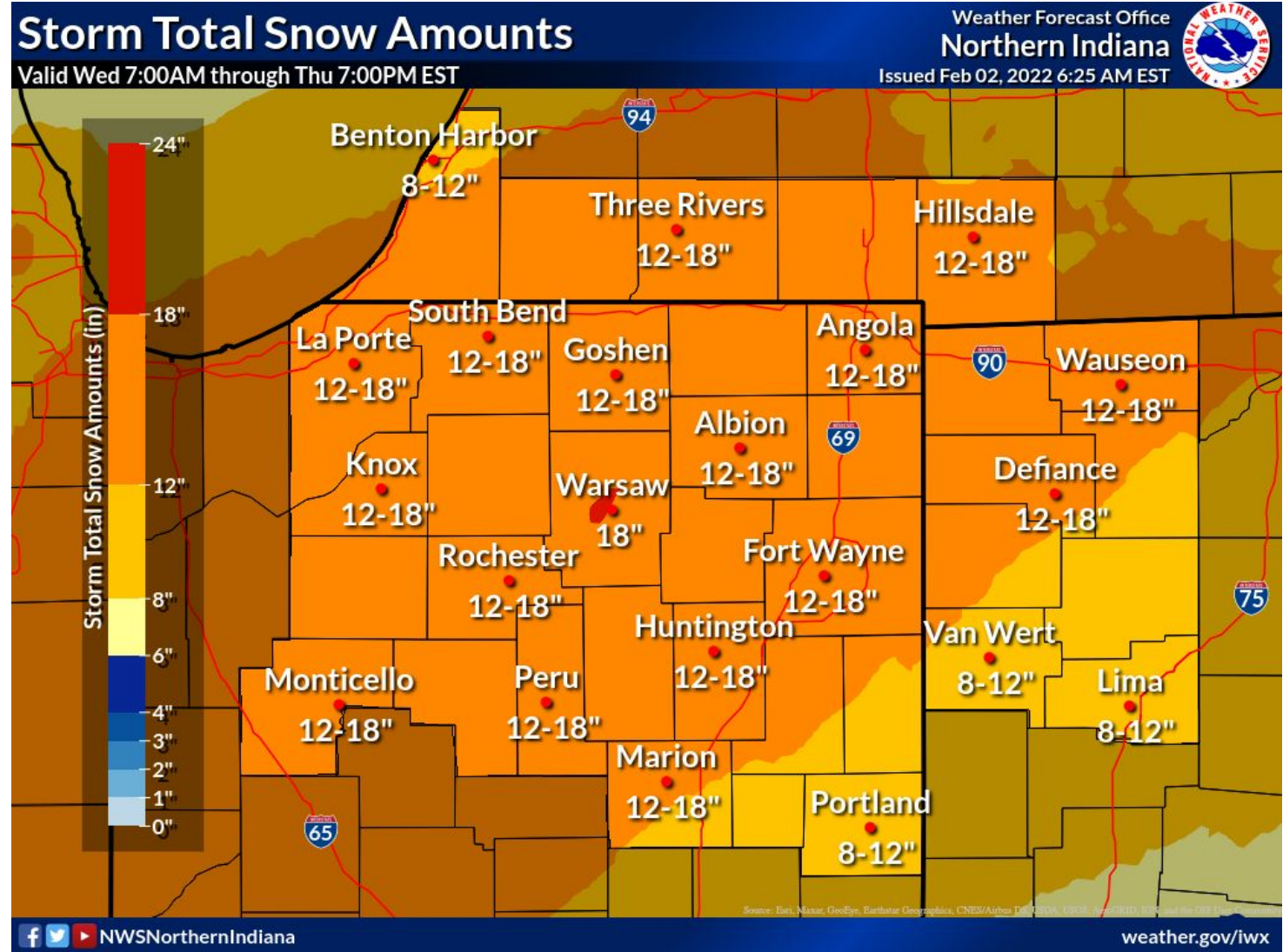
### Timing



### Snow/Ice Amounts



### Travel Impacts



**Storm Total Snow  
Incorporating Both Phases**



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## Looking Ahead: Thursday Night-Saturday



### Temperatures and Wind Chills:

Thu night/Fri AM: 2 to 9° (Feels like -10 to 0°)

Friday: 17 to 20° (Feels like -5 to 5°)

Fri night/Sat AM: -5 to 5° (Feels like -5 to -15°)

### Winds:

Thu night: From the north 10-15 mph, gusts to 20 mph

Friday: From the north-west 5-10 mph, gusts to 15 mph

Fri night: From the west around 5 mph



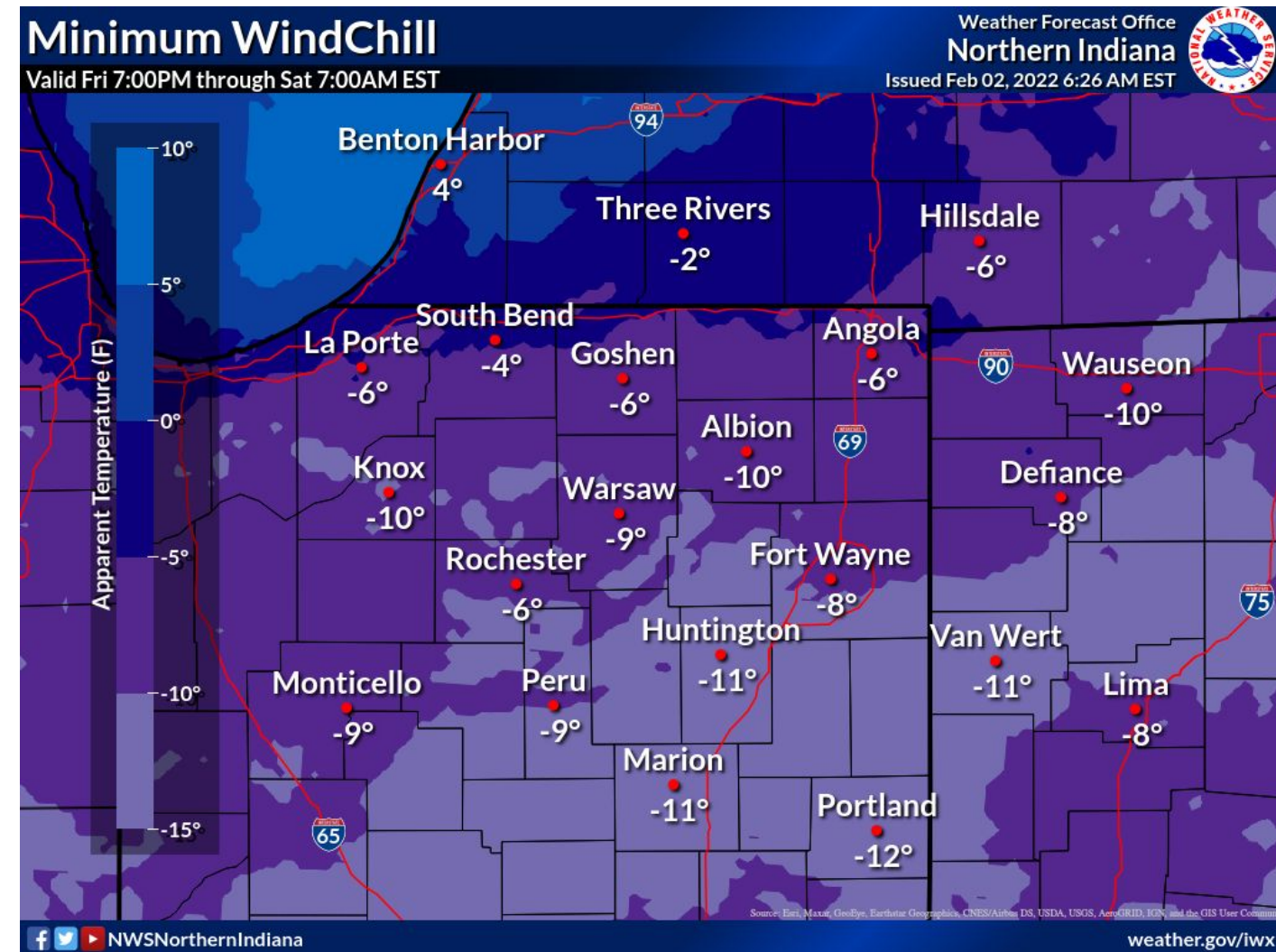
### Additional Snow?

Light snow possible across MI Friday night but little additional accumulation.



### What are the Lingering Uncertainties?

Exact temperatures and wind speeds are still somewhat uncertain



## Minimum Wind Chills Friday Night/ Saturday Morning



# WINTER KNOW DRIVING BEFORE YOU GO

## Check road conditions.

Call 511 or visit your state's DOT webpage to check on road conditions. Choose a different route or adjust your travel plans if road conditions are poor.

## Pack an emergency supply kit.

Stock your vehicle with a mobile phone, charger, batteries, blankets, flashlight, first-aid kit, high-calorie, non-perishable food, candle to melt snow for drinking water, sack of sand or cat litter for traction, shovel, scraper, and battery booster cables.

## Get the weather forecast.

Change your travel plans if hazardous weather is expected.



## Ready your vehicle.

Check your battery, wipers, coolant, and other systems affected by cold temperature. Make sure your tires have good tread. Clear snow, ice or dirt from your windows, lights and camera.



**Shoveling heavy, wet snow can put a big strain on the heart**

**Stay hydrated and take frequent breaks**

**Only move small amounts with each shovel pass**

**Shovel Smart!**



[weather.gov/winter](https://weather.gov/winter)