



# Feb 2-3 Winter Storm

February 1, 2022  
2:56 PM

## Overview

### Key Messages

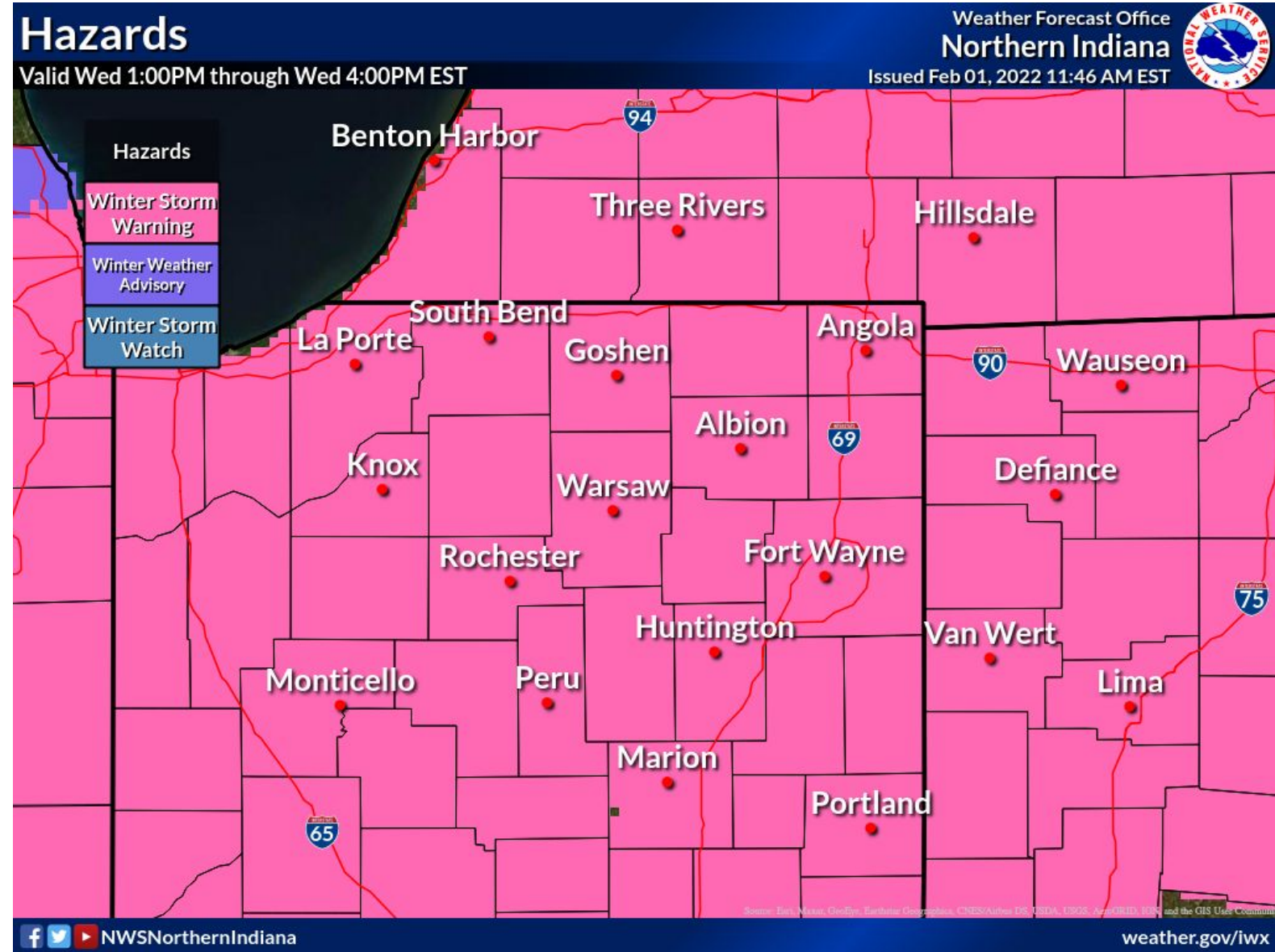
- Long-duration, high-impact winter storm
  - ◆ Travel very difficult Wed-Thu, possibly Fri
  
- Two rounds of heavy snow expected
  - ◆ Wed: Rain transitions to snow NW to SE,
    - Brief wintry mix possible
  - ◆ Thu: Heavy snow south of US-24,
    - Significant blowing/drifting

### **NEW** Important Updates

- All areas now in Winter Storm Warning
- Decreased snow amounts, 2nd round farther SE

### Next Scheduled Briefing

- Wednesday Morning



### Current Watches & Warnings



# Timeline of Expected Weather

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Tonight Through Thursday

	Tue 6 PM-12 AM	Wed 12 AM-6 AM	Wed 6 AM-12 PM	Wed 12 PM-6 PM	Wed 6 PM-12 AM	Thu 12 AM-6 PM
South Bend						?
Warsaw						
Fort Wayne						
Lima						

- Rain changes to snow from northwest to southeast, slightly slower
- Brief sleet/freezing rain possible during transition. Little to no accumulation
- Brief lull Wed night
- Strong winds from the north will cause blowing and drifting Thu
- South Bend could remain dry Thu

Light Rain	Light Snow	Light Sleet/Ice Pellets	Light Freezing Rain/Drizzle	Light Wintry Mix
Moderate Rain	Moderate Snow	Moderate Sleet/Ice Pellets	Moderate Freezing Rain/Drizzle	Moderate Wintry Mix
Heavy Rain	Heavy Snow	Heavy Sleet/Ice Pellets	Heavy Freezing Rain/Drizzle	Heavy Wintry Mix





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## Round 1: Tonight through Wednesday Evening



### Snow Rates/Timing:

Steady between 0.5 and 0.75"/hr.  
Heaviest rates 6am-6pm Wed (near 1"/hr possible)  
Lull in rounds of heavier snow Wed night



### Temperatures and Snow "Type":

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



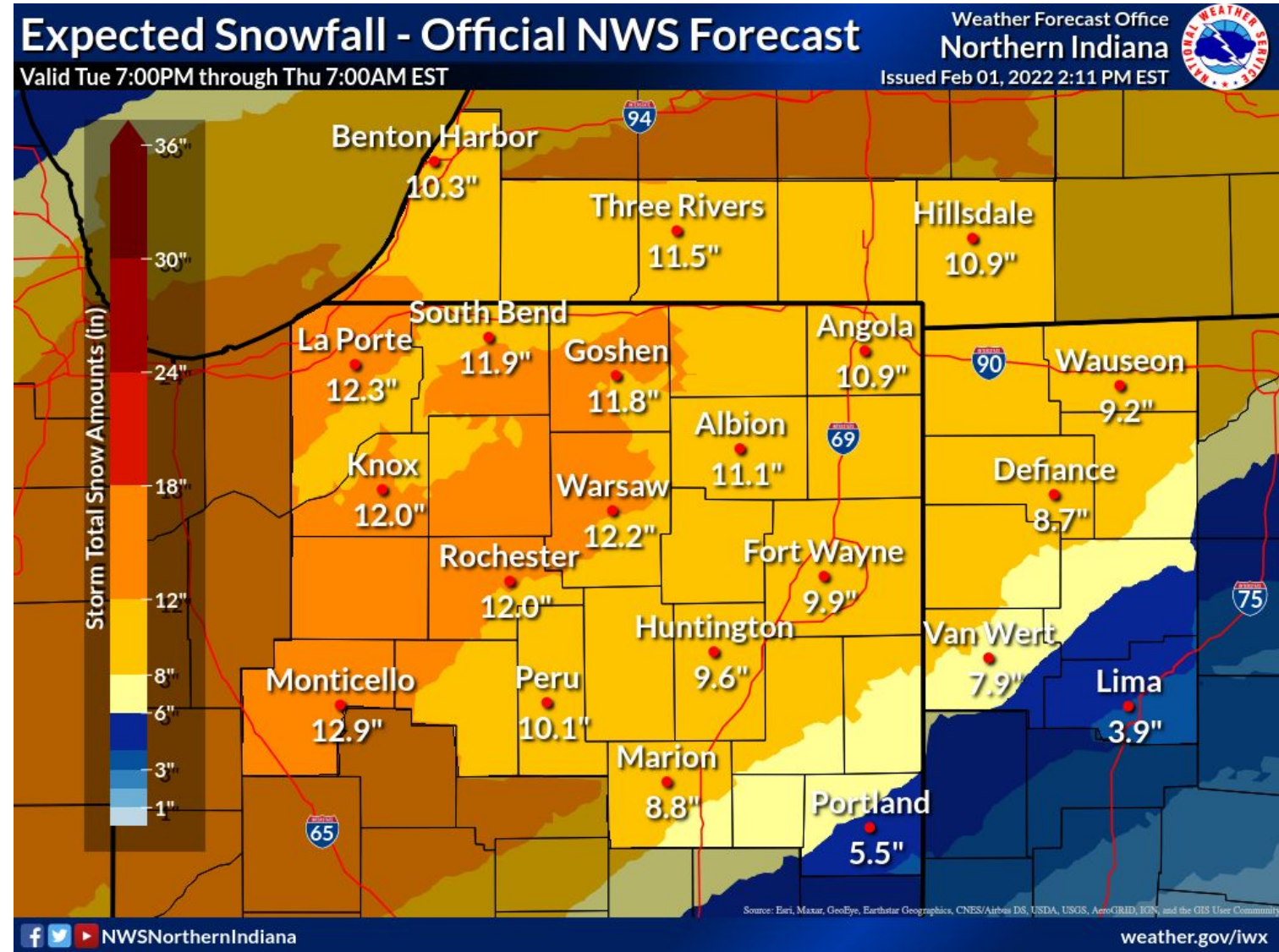
### Winds:

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 - Late Tonight through Wednesday Night



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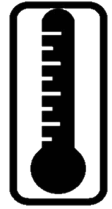
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## Round 2: Thursday



### 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)



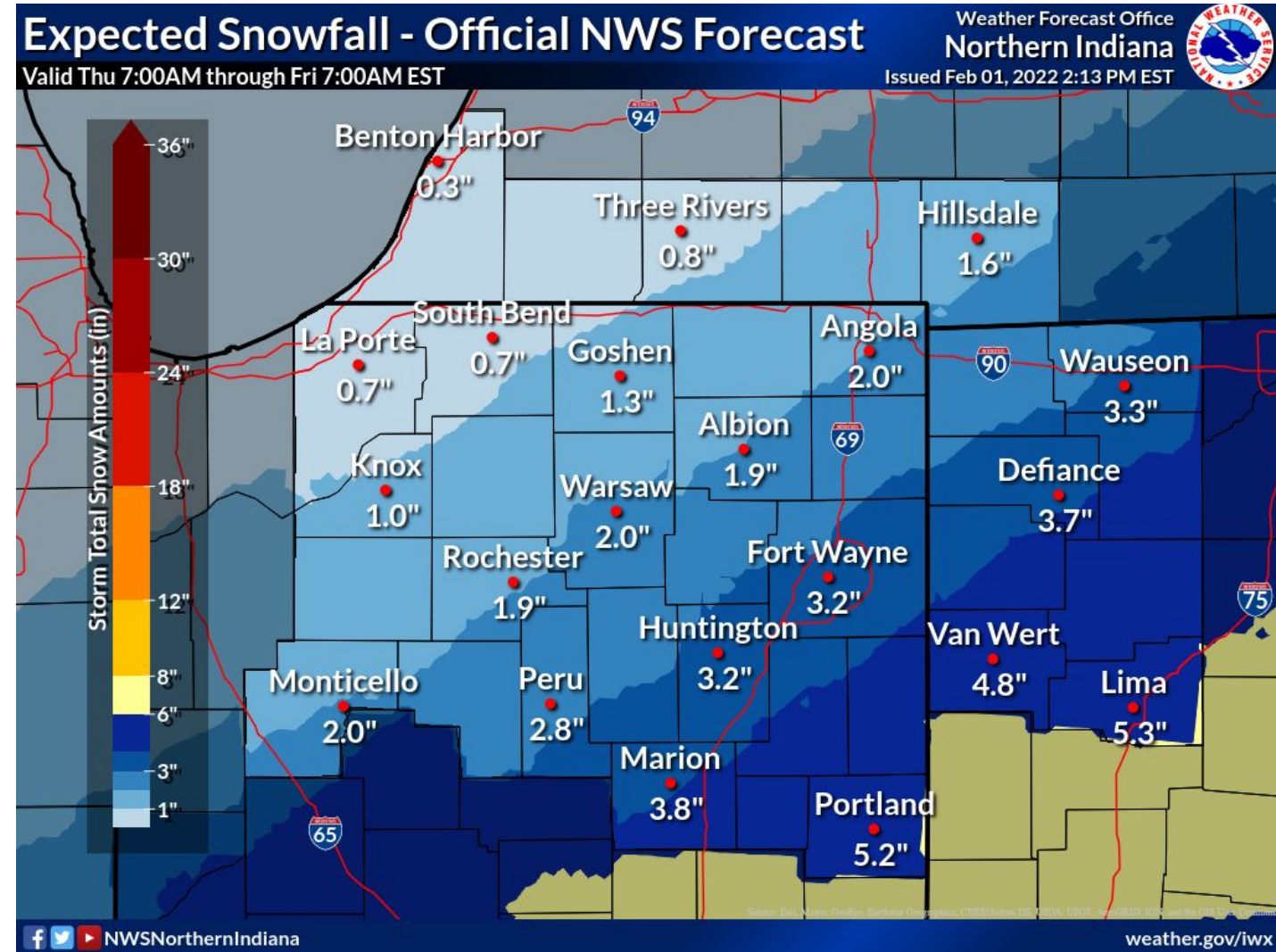
### Winds:

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

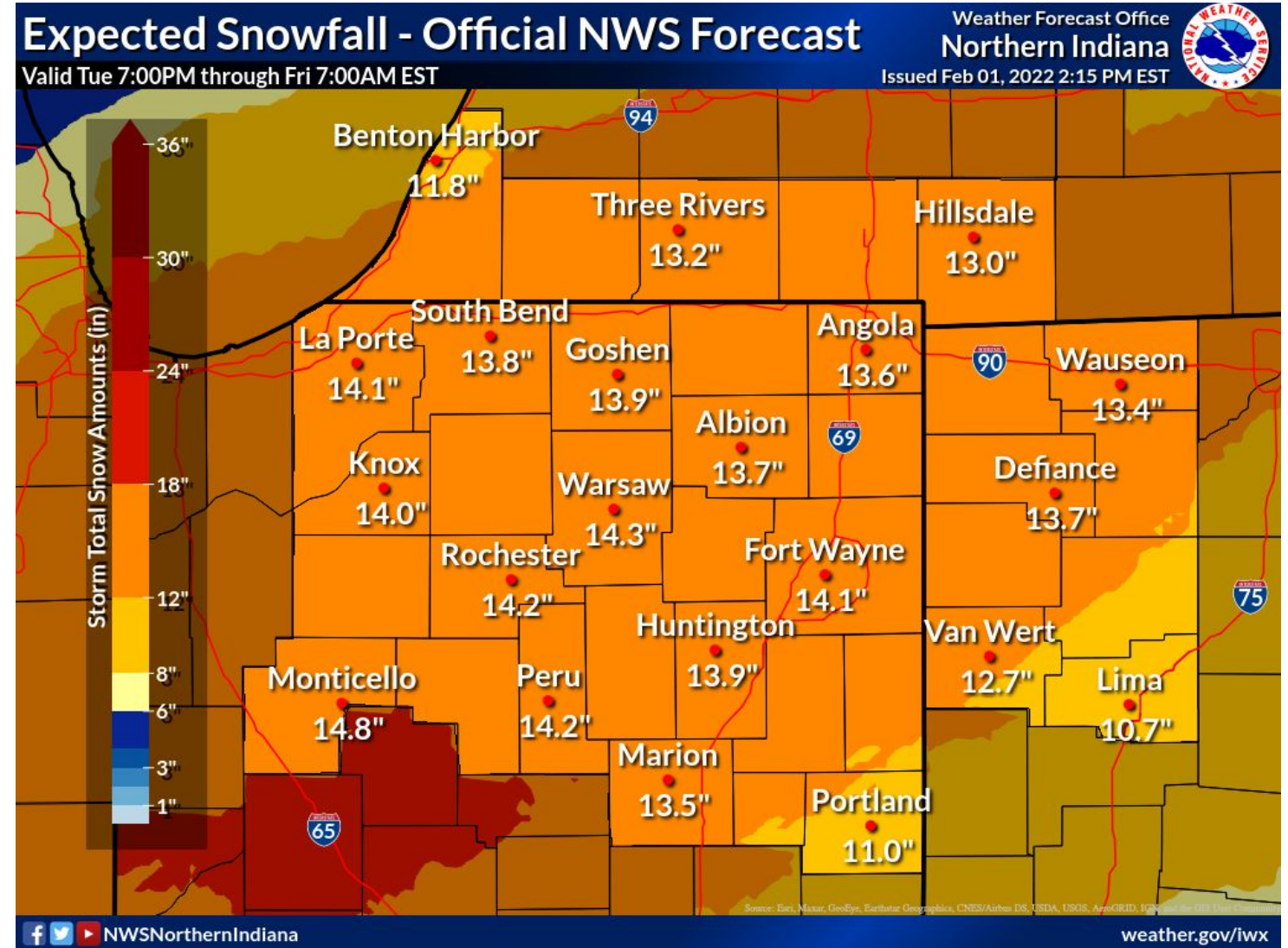
### Timing



### 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 8° (Feels like -10 to 0°)

Friday: 13 to 18° (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



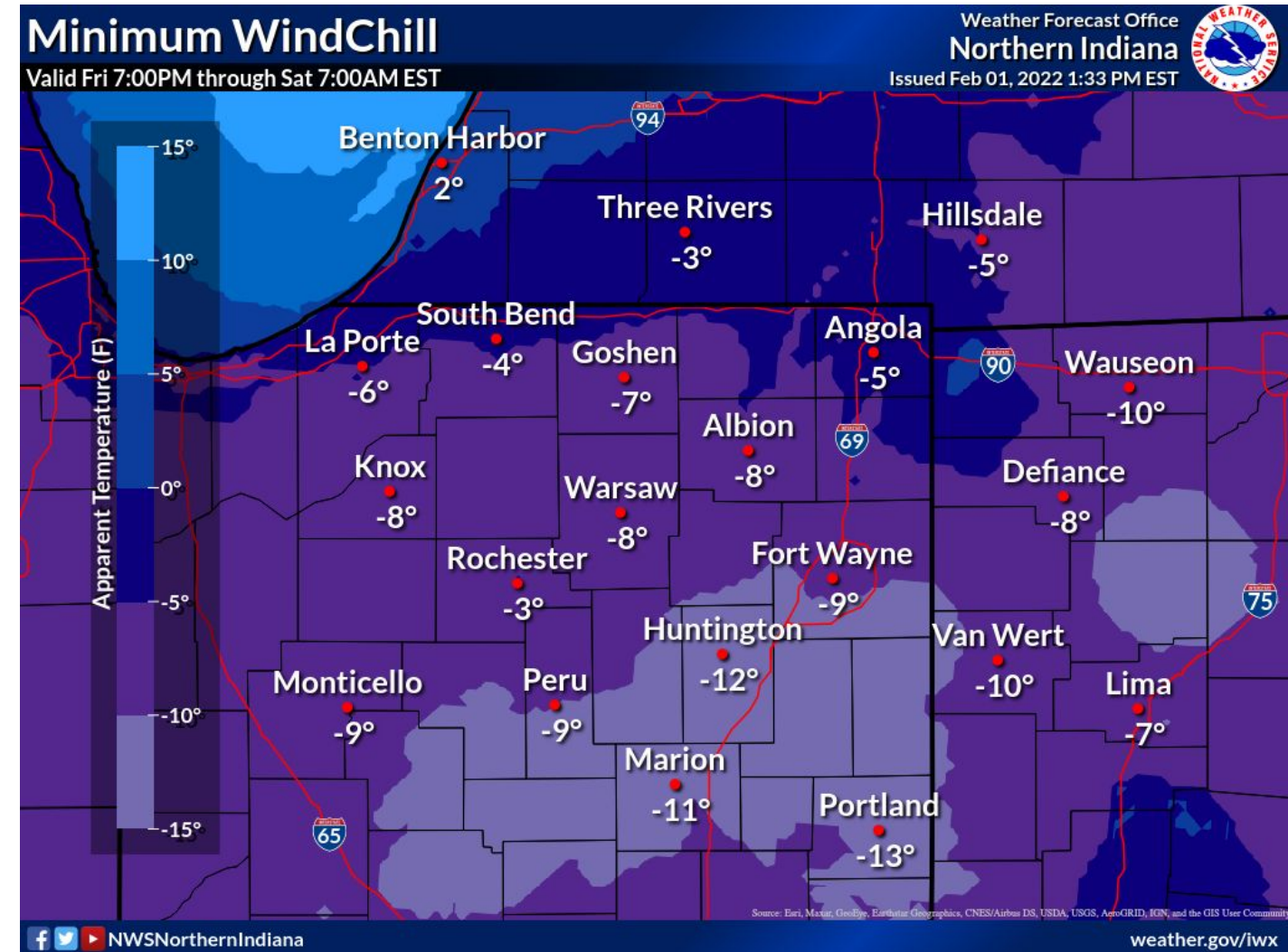
## Additional Snow?

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](http://weather.gov/winter)