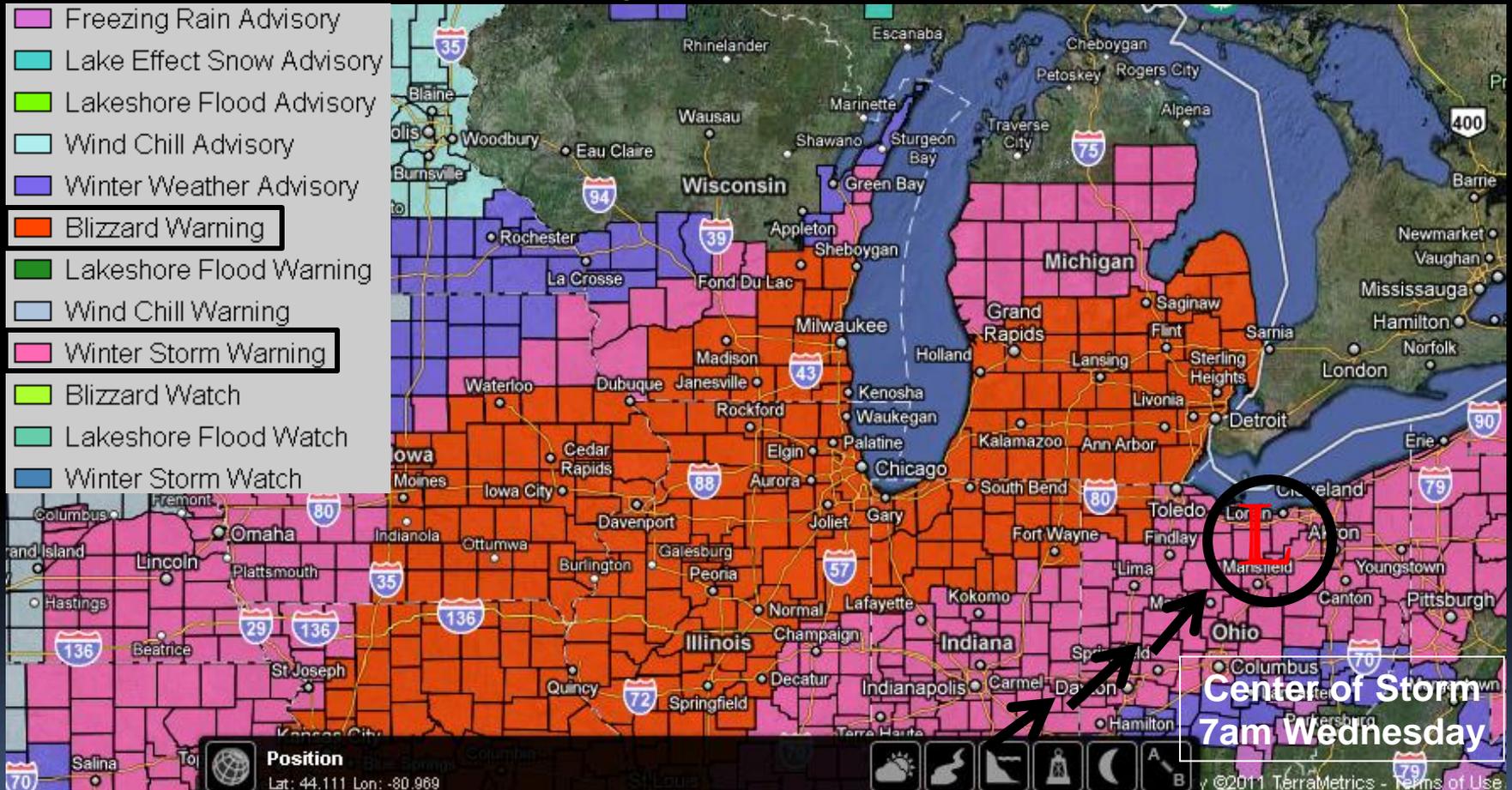


WEATHER BRIEFING

Warnings are in effect. Major storm approaching.

NWS Watches, Warnings and Advisories as of 11am Tuesday





WEATHER BRIEFING

Widespread High Impact Storm Approaching

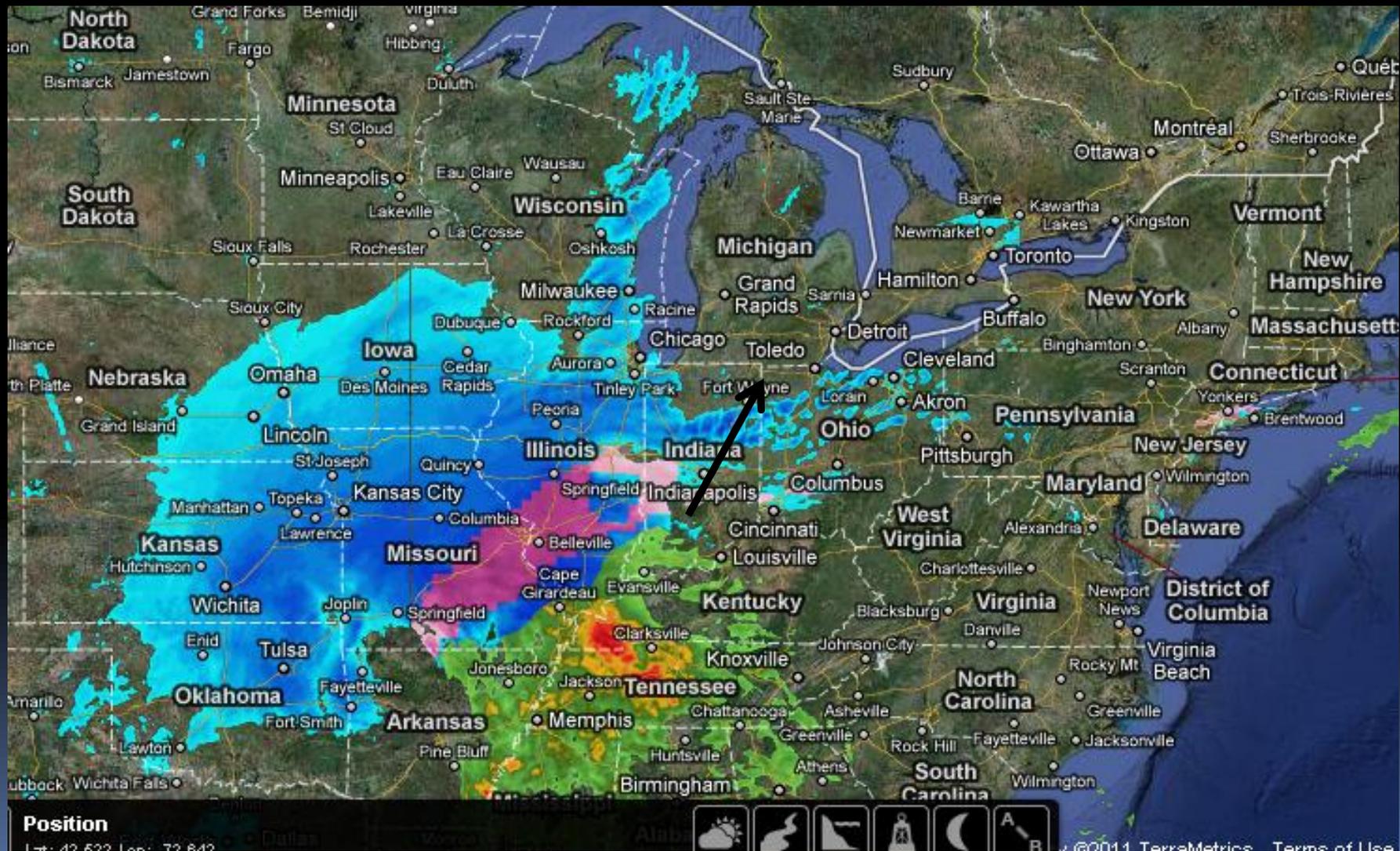
NWS Watches, Warnings and Advisories as of 11am Tuesday





WEATHER BRIEFING

Latest Regional Radar Imagery



WEATHER BRIEFING

Hazardous Weather

Timing	<ul style="list-style-type: none">• Onset: Tuesday evening; moving in from the South• Ending: Late Wednesday; diminishing late afternoon and evening
Timing of most intense	<ul style="list-style-type: none">• Heaviest snow – midnight Tuesday into early Wednesday morning• Snowfall rates could reach two inches per hour from midnight to 8 AM.• Much of the total snow accumulation expected midnight to 8 AM.
Snow Amounts	<ul style="list-style-type: none">• Greatest Accumulations of 10 to 16 inches along and south of Grand Rapids through Lansing /Saginaw/Flint and into the Thumb• Accumulations across Metro Detroit: 8 to 12 inches• Accumulations north of Grand Rapids: 5 to 10 inches
Icing / Mixed precipitation	<ul style="list-style-type: none">• All snow expected for the vast majority of Southern Michigan• Some Sleet mixing in across the far Southeast (Monroe / Adrian)
Wind	<ul style="list-style-type: none">• Northeast 20 to 30 MPH with gusts to 40 MPH
Secondary Hazard	<ul style="list-style-type: none">• Widespread blowing and drifting. Blizzard conditions expected in Blizzard Warning area. Near blizzard conditions in Winter Storm Warning area.

WEATHER BRIEFING

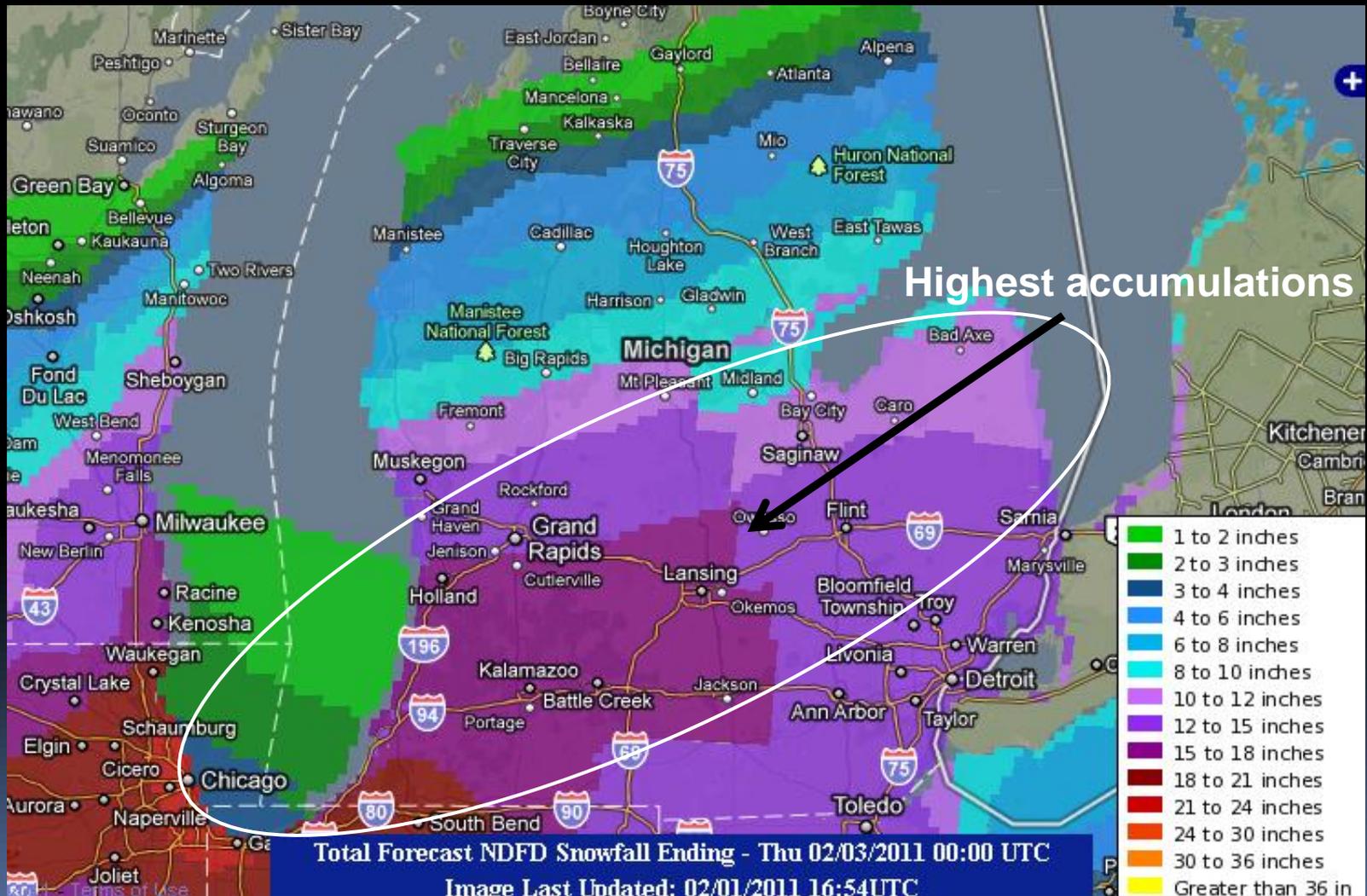
Impacts

Travel Conditions	<ul style="list-style-type: none">• Severely impacted travel Tuesday night through Wednesday• Many secondary roads could become temporarily impassible• Road Clearing Efforts will be severely hampered
Commutes Affected	<ul style="list-style-type: none">• Wednesday morning and evening• Travel and commerce on Wednesday will be severely slowed or halted• Numerous event cancellations are likely and are already occurring• Flight delays and cancellations likely
Temperatures	<ul style="list-style-type: none">• Teens
Wind Chill	<ul style="list-style-type: none">• Zero to 5 Below
Visibility	<ul style="list-style-type: none">• Near zero during the height of the storm, midnight to 8am Wednesday

WEATHER BRIEFING

Forecast Snow Accumulations Tuesday Night and Wednesday

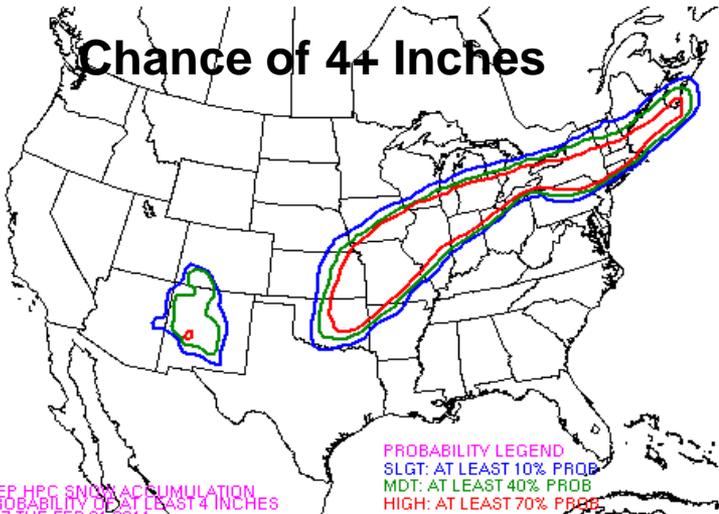
Current Forecast: No major changes to accumulations



WEATHER BRIEFING

Probabilistic Snowfall Forecasts

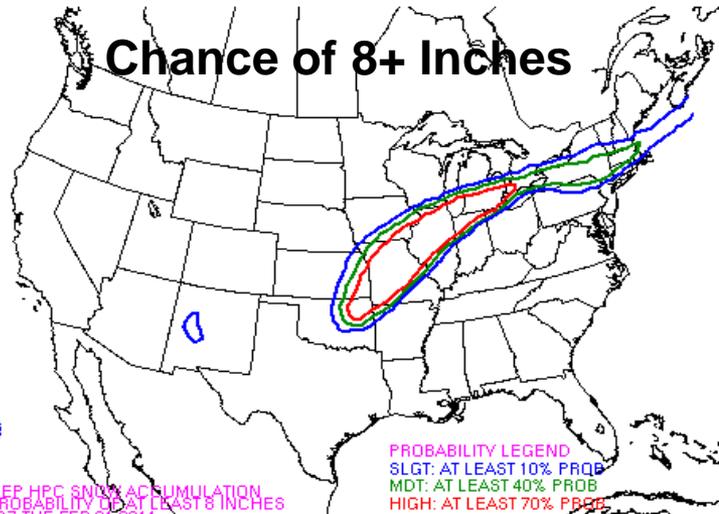
Chance of 4+ Inches



NWS NCEP HPC SNOW ACCUMULATION
DAY 1 PROBABILITY OF AT LEAST 4 INCHES
VALID 12Z TUE FEB 01 2011
THRU 12Z WED FEB 02 2011
ISSUED: 0821Z TUE FEB 01 2011
FORECASTER: PETERSEN

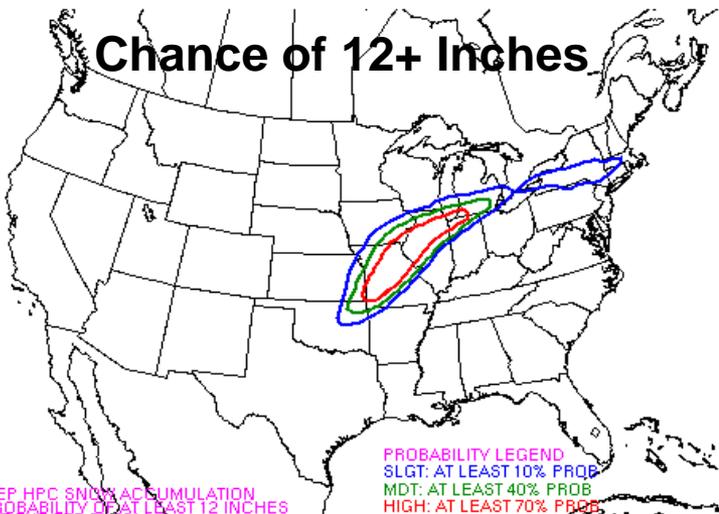
SNOW IS DEPICTED FOR ELEVATIONS LESS THAN 7500 FT

Chance of 8+ Inches



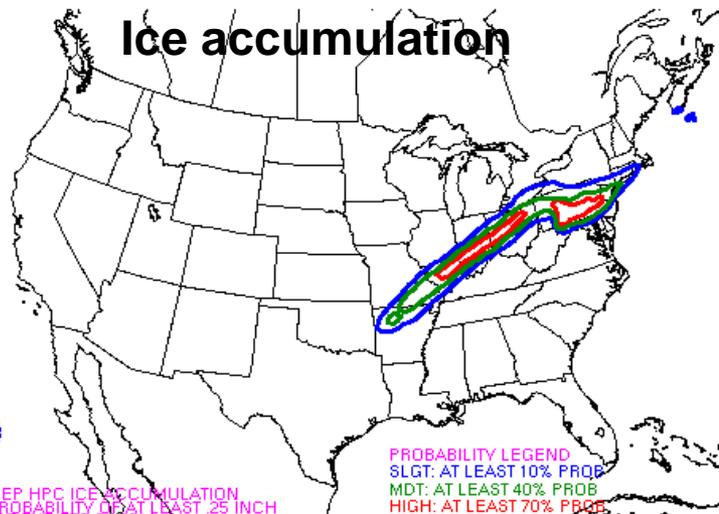
NWS NCEP HPC SNOW ACCUMULATION
DAY 1 PROBABILITY OF AT LEAST 8 INCHES
VALID 12Z TUE FEB 01 2011
THRU 12Z WED FEB 02 2011
ISSUED: 0821Z TUE FEB 01 2011
FORECASTER: PETERSEN

Chance of 12+ Inches



NWS NCEP HPC SNOW ACCUMULATION
DAY 1 PROBABILITY OF AT LEAST 12 INCHES
VALID 12Z TUE FEB 01 2011
THRU 12Z WED FEB 02 2011
ISSUED: 0821Z TUE FEB 01 2011
FORECASTER: PETERSEN

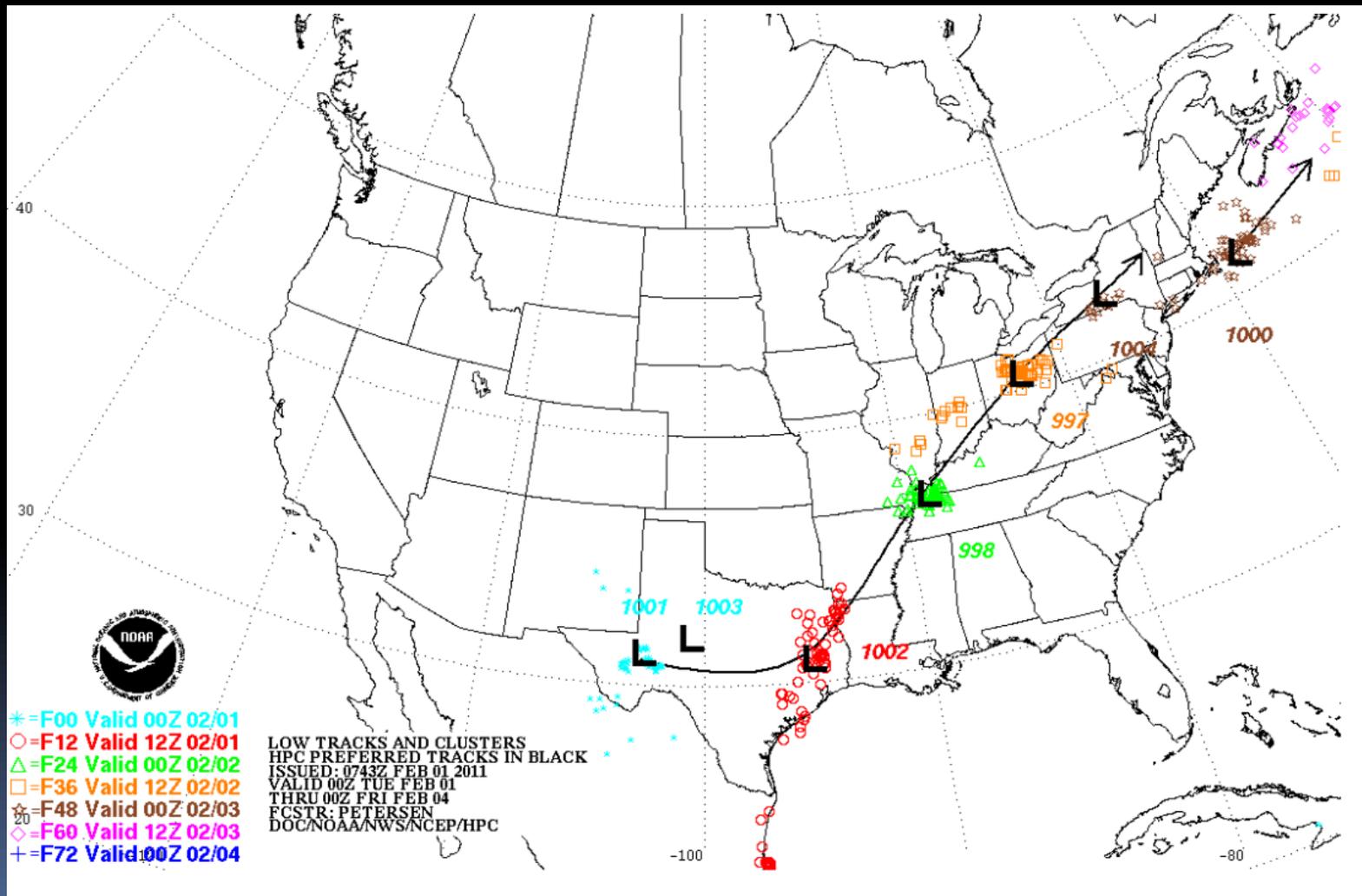
Ice accumulation



NWS NCEP HPC ICE ACCUMULATION
DAY 1 PROBABILITY OF AT LEAST .25 INCH
VALID 12Z TUE FEB 01 2011
THRU 12Z WED FEB 02 2011
ISSUED: 0821Z TUE FEB 01 2011
FORECASTER: PETERSEN

WEATHER BRIEFING

Low Track



Summary

- A major winter storm will impact a large portion of the central United States today into Wednesday.
- Significant impact on commerce and travel. Travel could become nearly impossible. We are recommending people do not travel on Wednesday if at all possible.
- Snow accumulations in excess of one foot are likely across central and southern Lower Michigan. **This will likely be a top 10 storm for our area** in terms of accumulation.
- Considerable blowing and drifting with blizzard conditions in the Blizzard Warning, near blizzard conditions in Winter Storm Warning area.



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