



Northern Michigan Weather Briefing

March 10, 2015



Audio Dial In:

1-866-228-9275

Conference Code:

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NOAA/National Weather Service

Gaylord, Michigan

weather.gov/gaylord

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Hazardous Weather Highlights

Next 7 Days



What	Where	Timing	Impacts
Potential light rain/snow	All of Northern Michigan	Saturday night	TBD
Mix of rain/snow with strong cold front early next week Strong and Gusty Winds	All of Northern Michigan	Monday night – Tuesday	Minor snow accumulations?



Why has it turned warm this week?

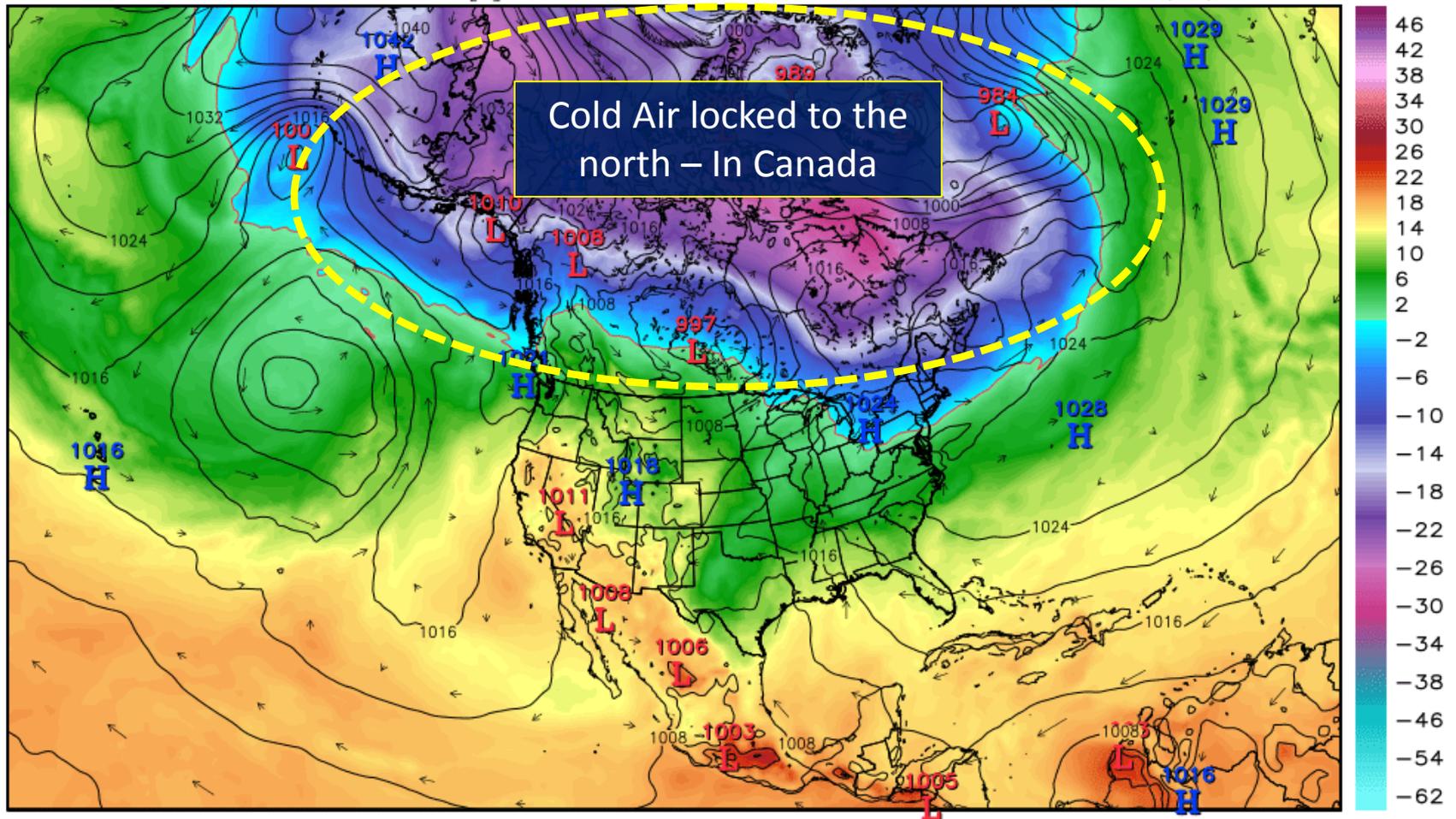
Plenty of cold air left in Canada



ECMWF 850 hPa Air Temperature (°C), Wind Vectors, and MSLP (hPa)

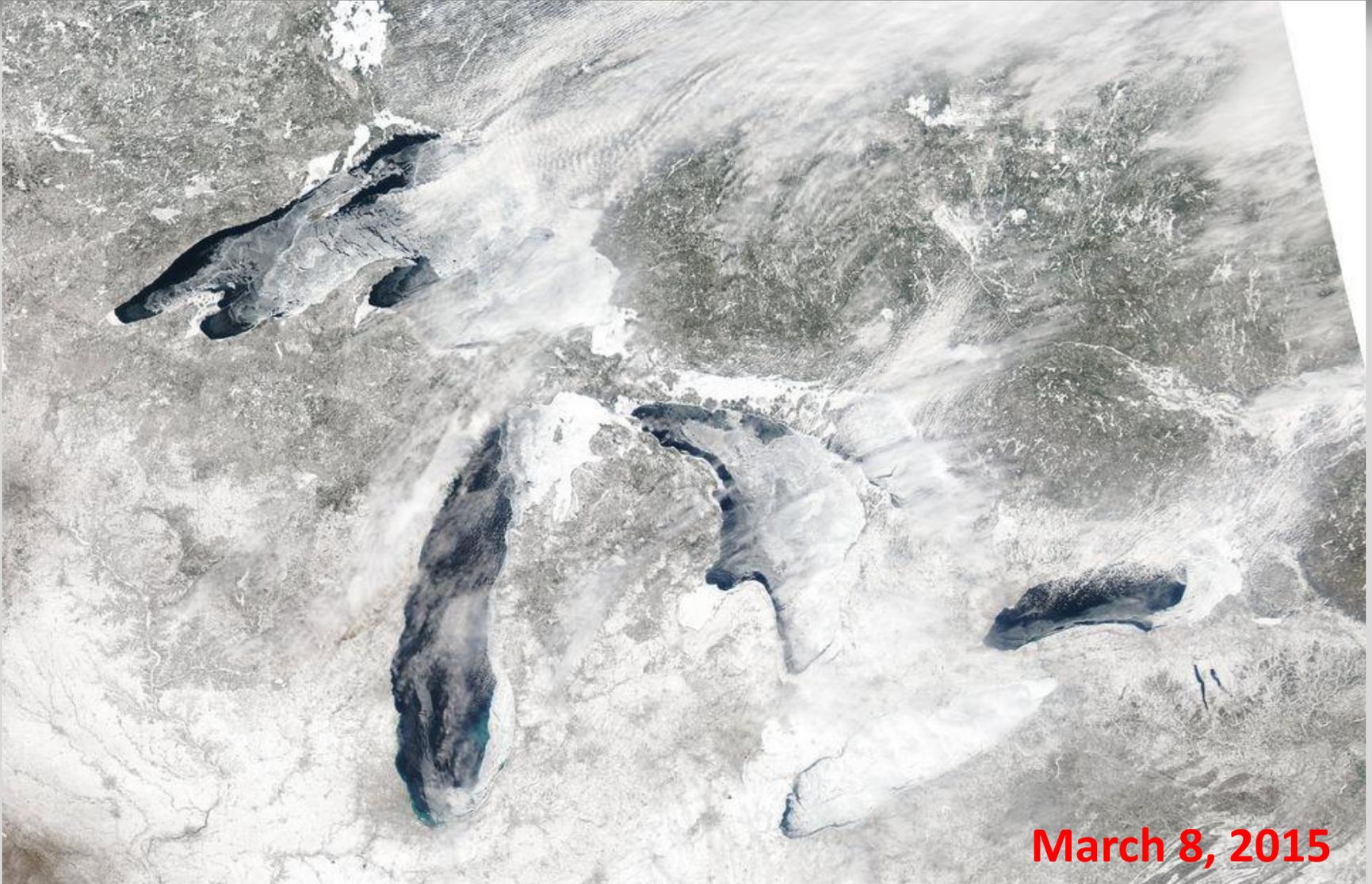
Init: 00z Mar 10 2015 Forecast Hour: [0] valid at 00z Tue, Mar 10 2015

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Great Lakes Ice Cover Diminishing

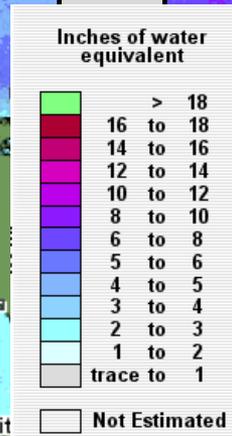
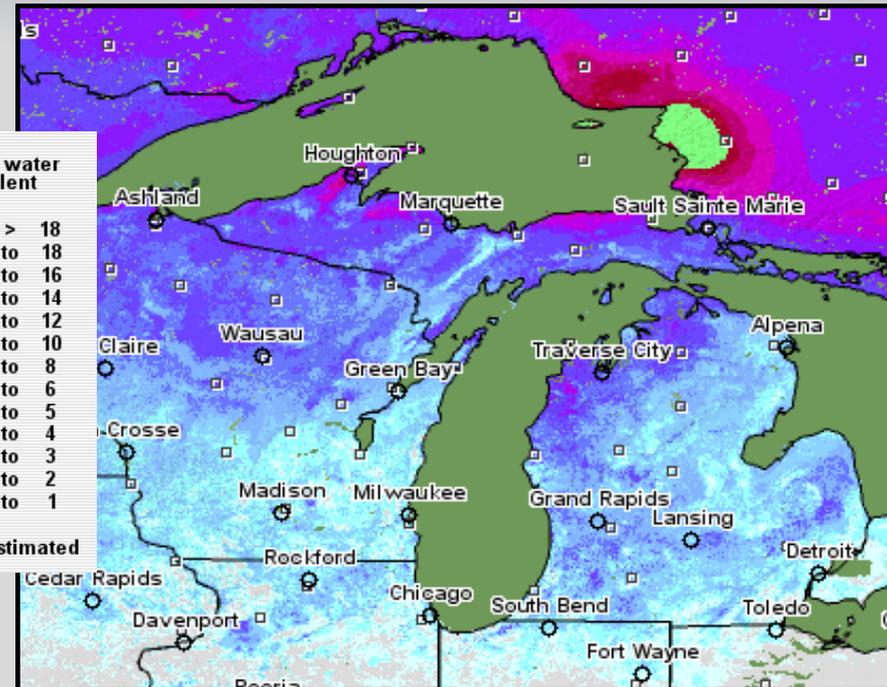
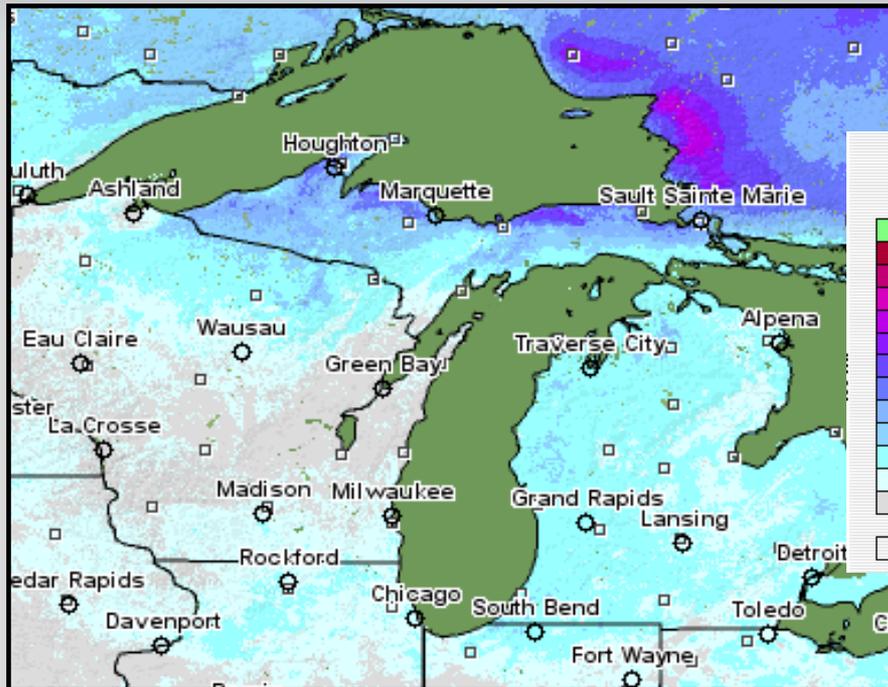


March 8, 2015

Amount of Water In the Snow on the Ground

March 6, 2015

March 6, 2014

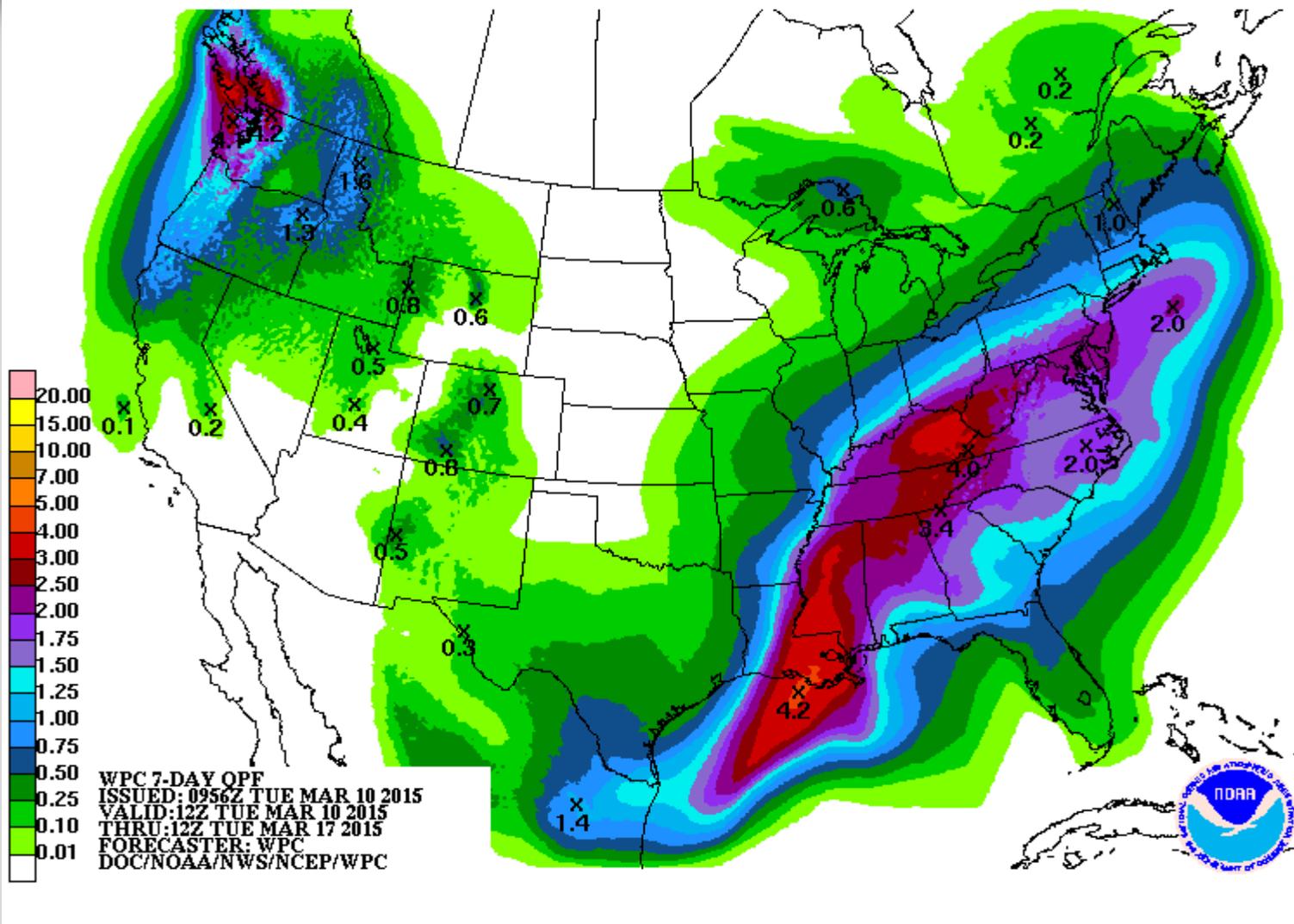


Well Behind Amount of Water in the Snow We Had in 2014



Total Precipitation next 7 days

Heaviest south and east of Michigan





Storm Moves South/East of Michigan This Weekend



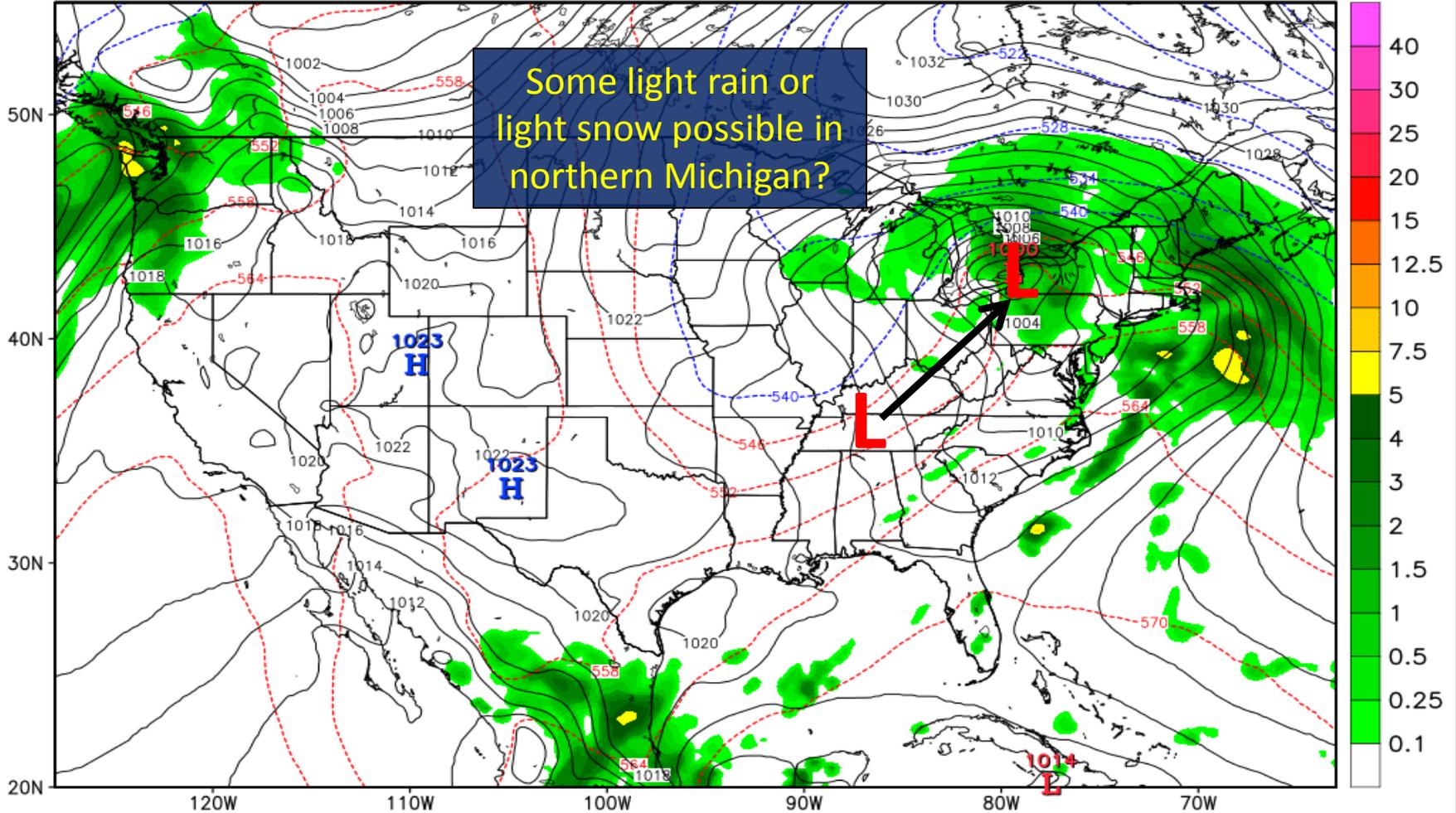
GEM Instantaneous Precip Rate (mm/hr), MSLP (hPa) & 1000–500mb Thickness (dam)

Init: 00z Mar 10 2015

Forecast Hour: [120]

valid at 00z Sun, Mar 15 2015

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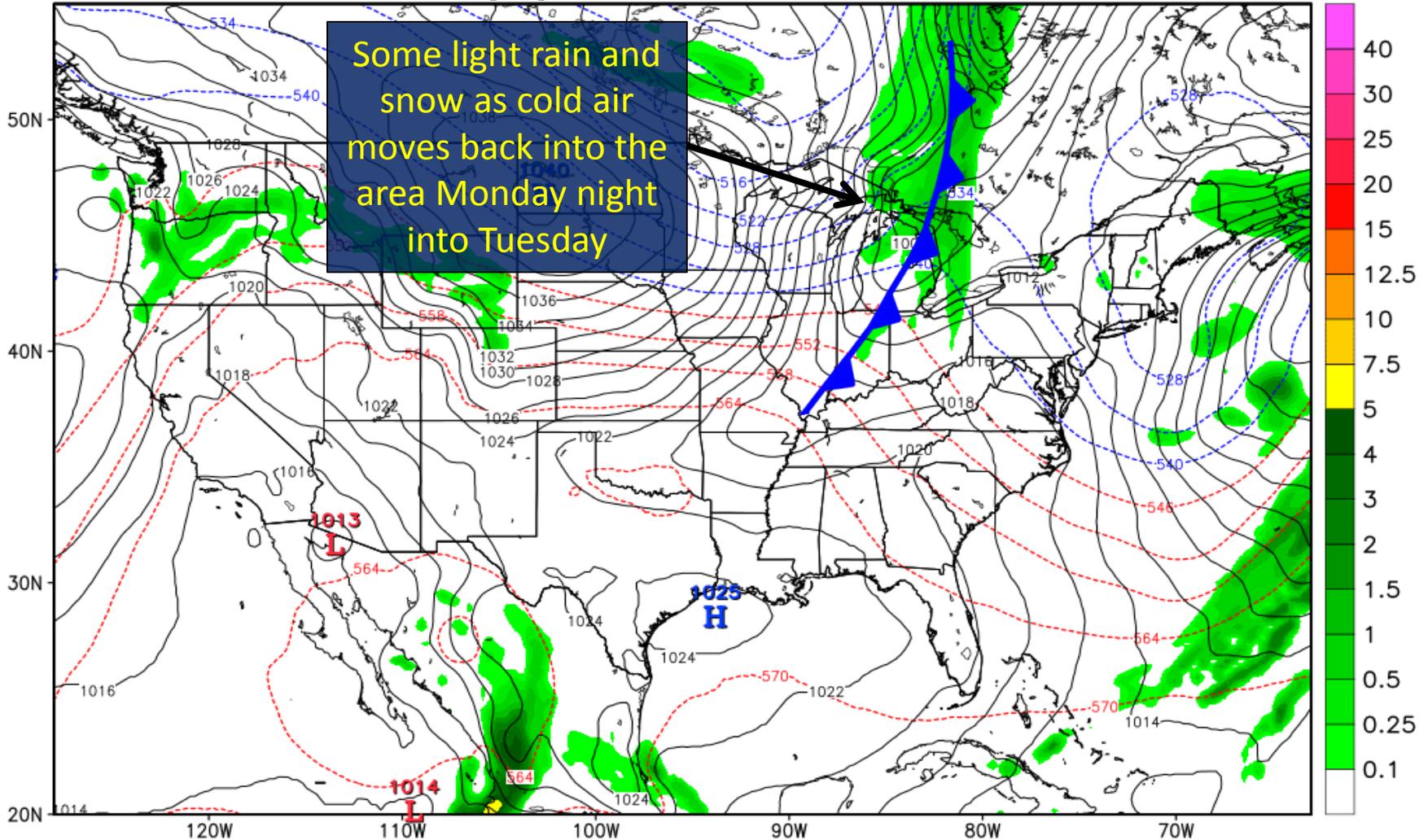
Cold front brings light rain/snow early next week



GEM Instantaneous Precip Rate (mm/hr), MSLP (hPa) & 1000–500mb Thickness (dam)

Init: 00z Mar 10 2015 Forecast Hour: [174] valid at 06z Tue, Mar 17 2015

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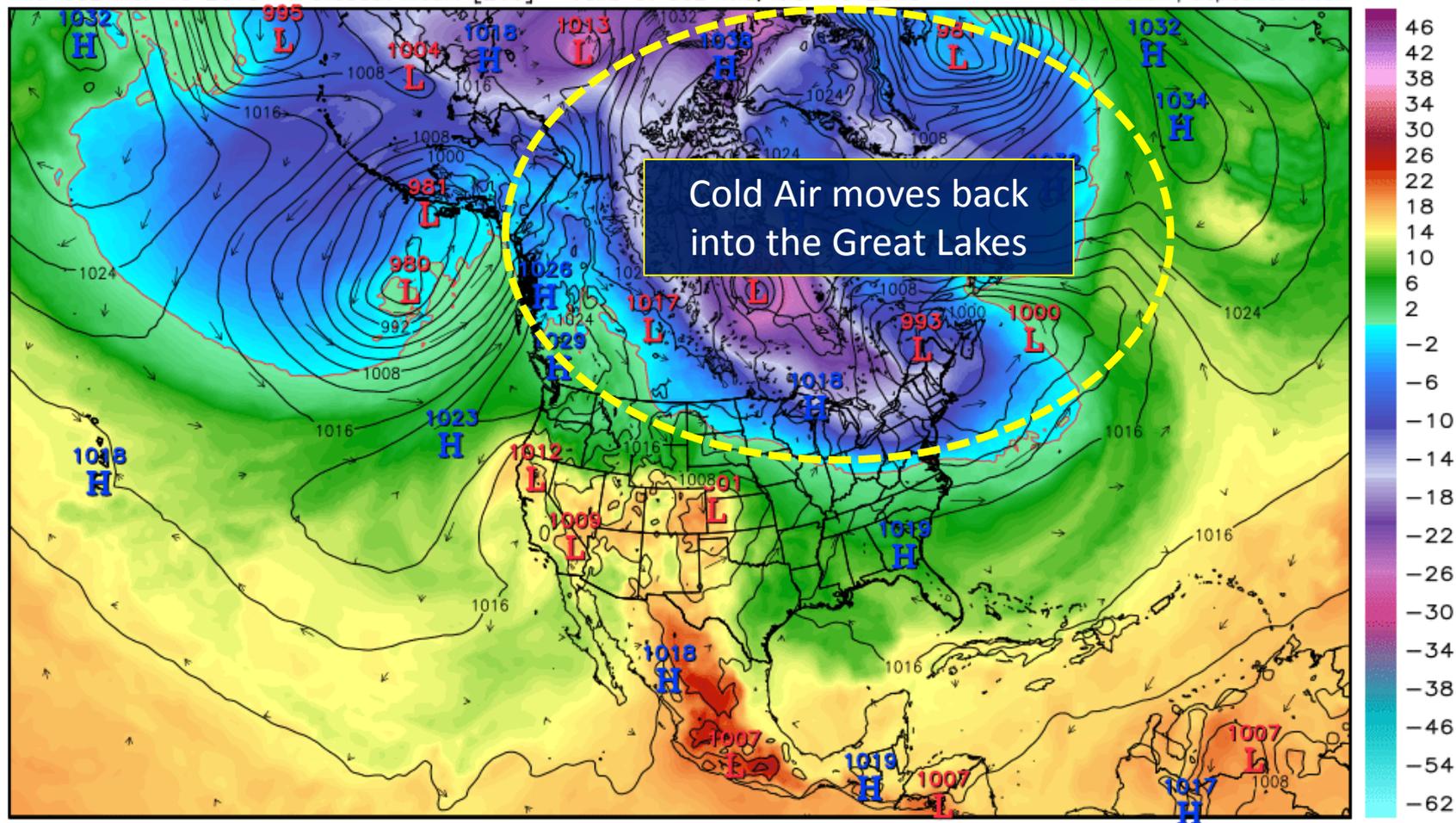
Cold Air Moves South Next Week

Second half of March – Below normal temperatures

ECMWF 850 hPa Air Temperature (°C), Wind Vectors, and MSLP (hPa)

Init: 00z Mar 10 2015 Forecast Hour: [216] valid at 00z Thu, Mar 19 2015

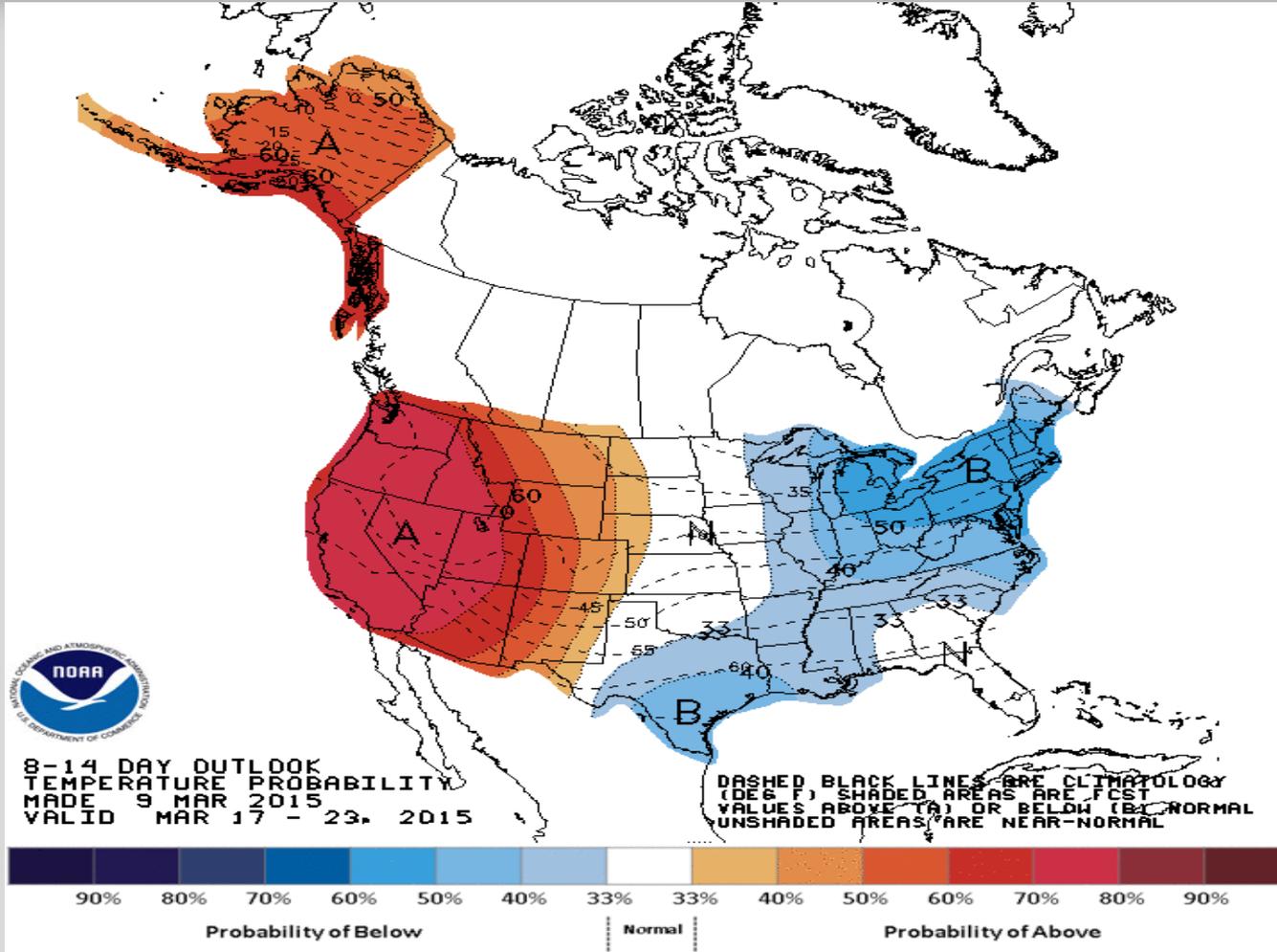
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March 17th-23rd

Below normal temperatures return





A few final notes



**** This is our last scheduled weekly webinar for the winter season. For the spring/summer months, webinars and email notifications will occur on an as needed basis. ****

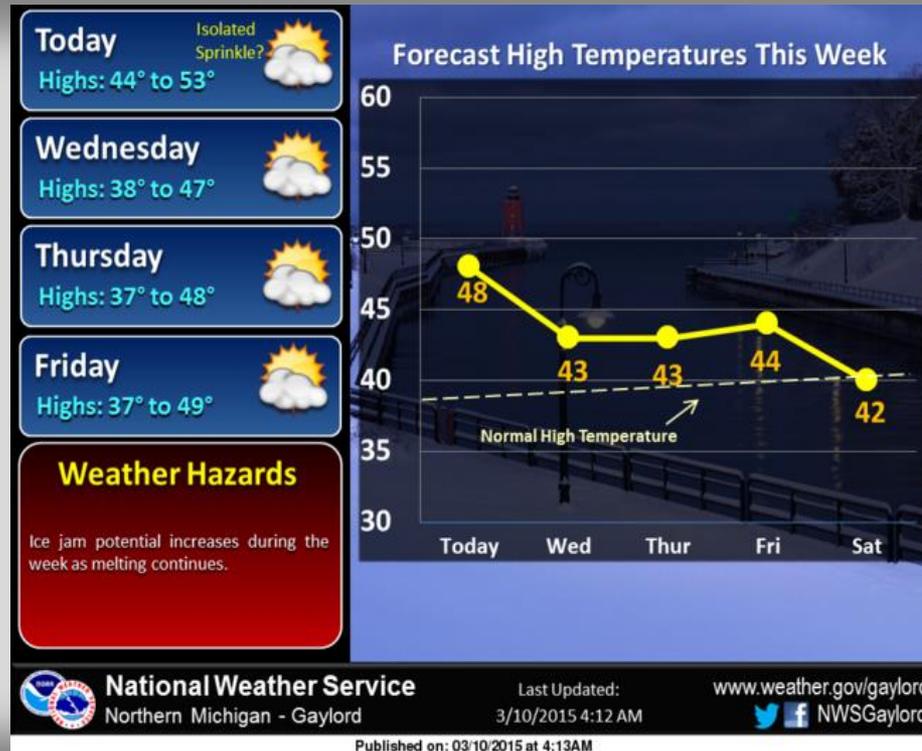
Weekly webinars will resume again in mid November.

2nd Annual Partners Meeting – May 19th

More information on the Partners Meeting will be coming via email over the next several weeks.



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