

National Weather Service Weekly Fire Weather Webinar

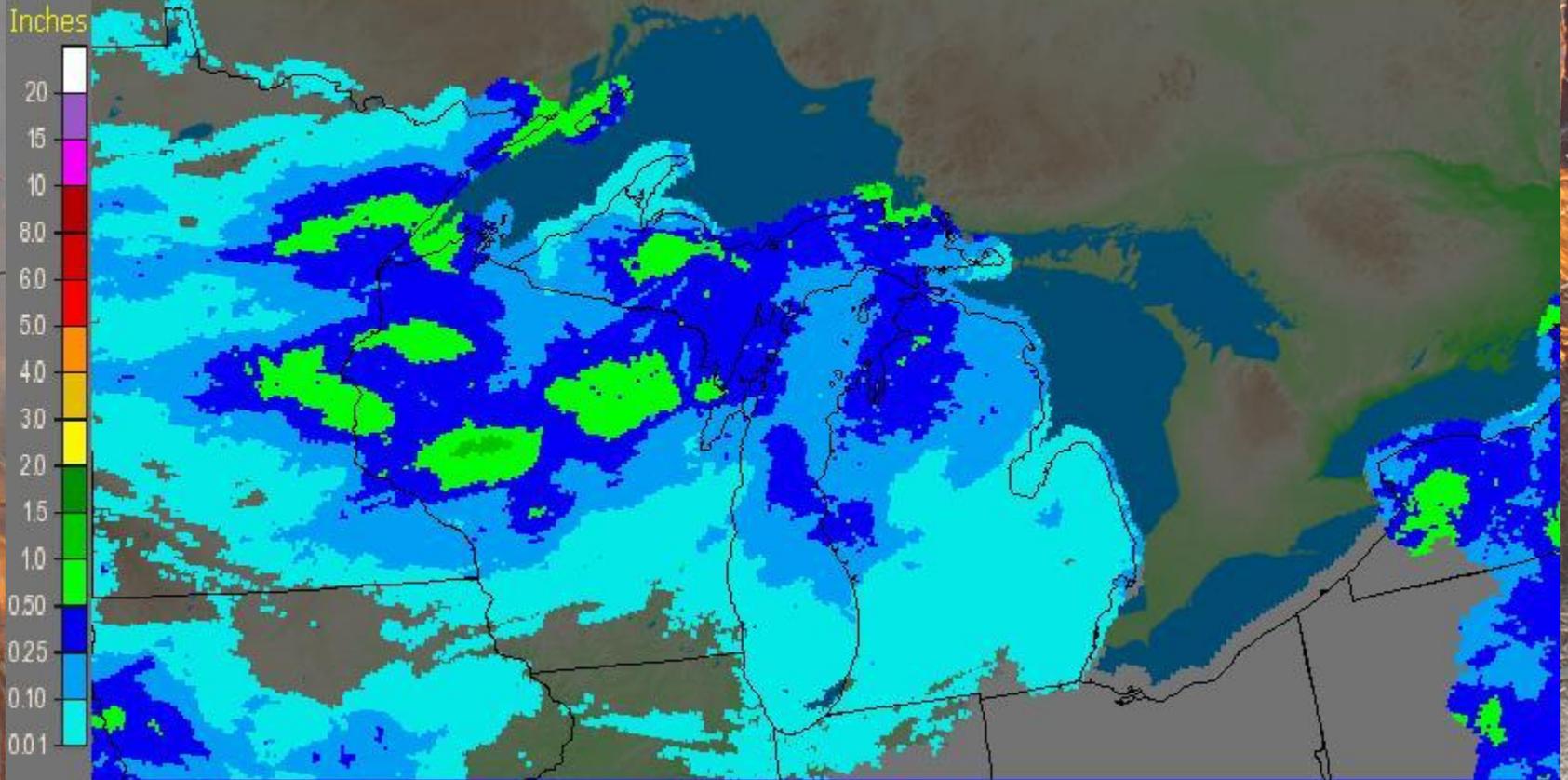
Presenter: Dave Lawrence
April 4th, 2013

Conference call:
Phone: 1-866-231-8384
Passcode: 4482608820#



Precipitation Past 7 Days

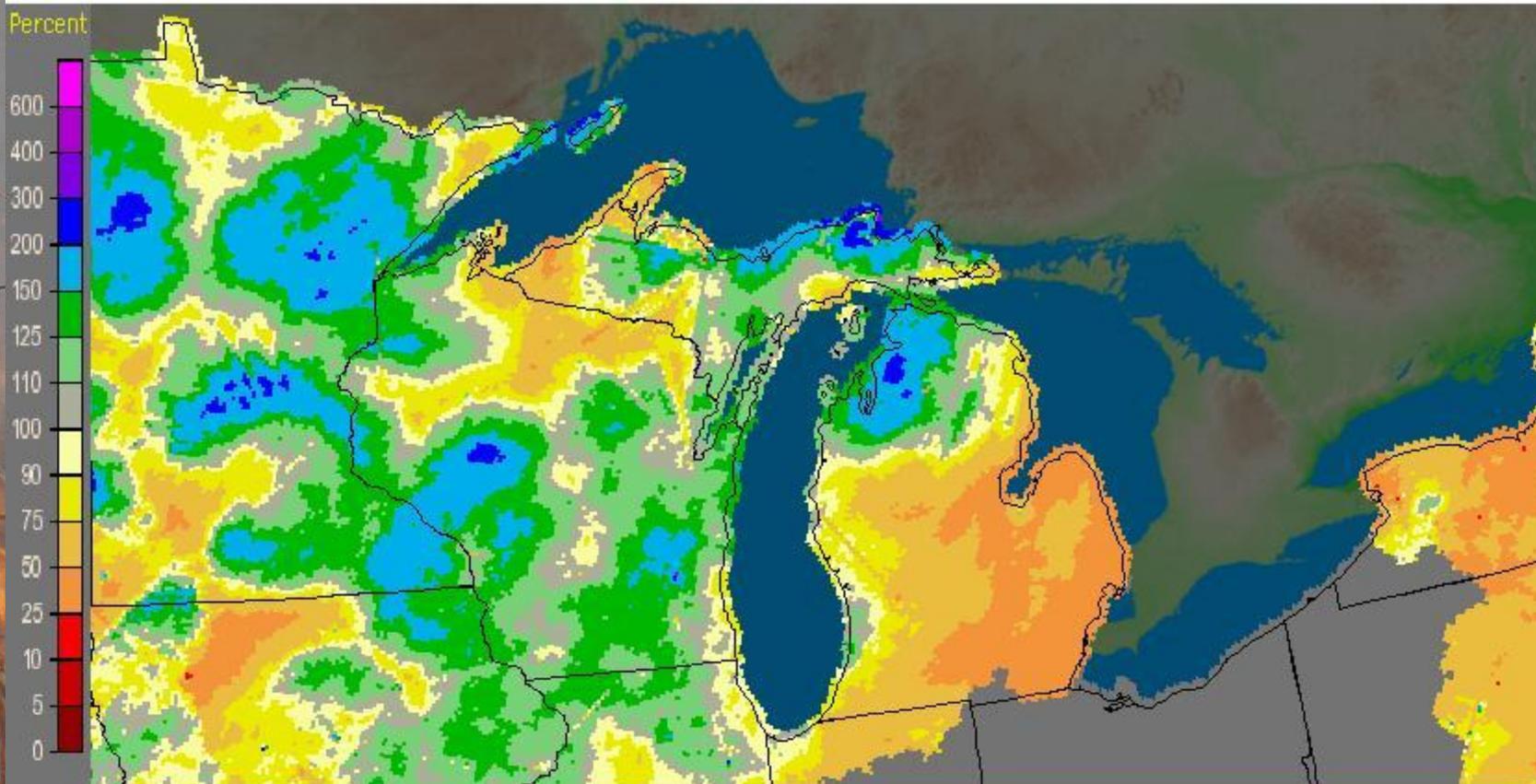
Michigan: Current 7-Day Observed Precipitation
Valid at 4/3/2013 1200 UTC- Created 4/3/13 22:45 UTC



Maps of observed precipitation available at <http://water.weather.gov>

30-Day Percent of Normal Precipitation

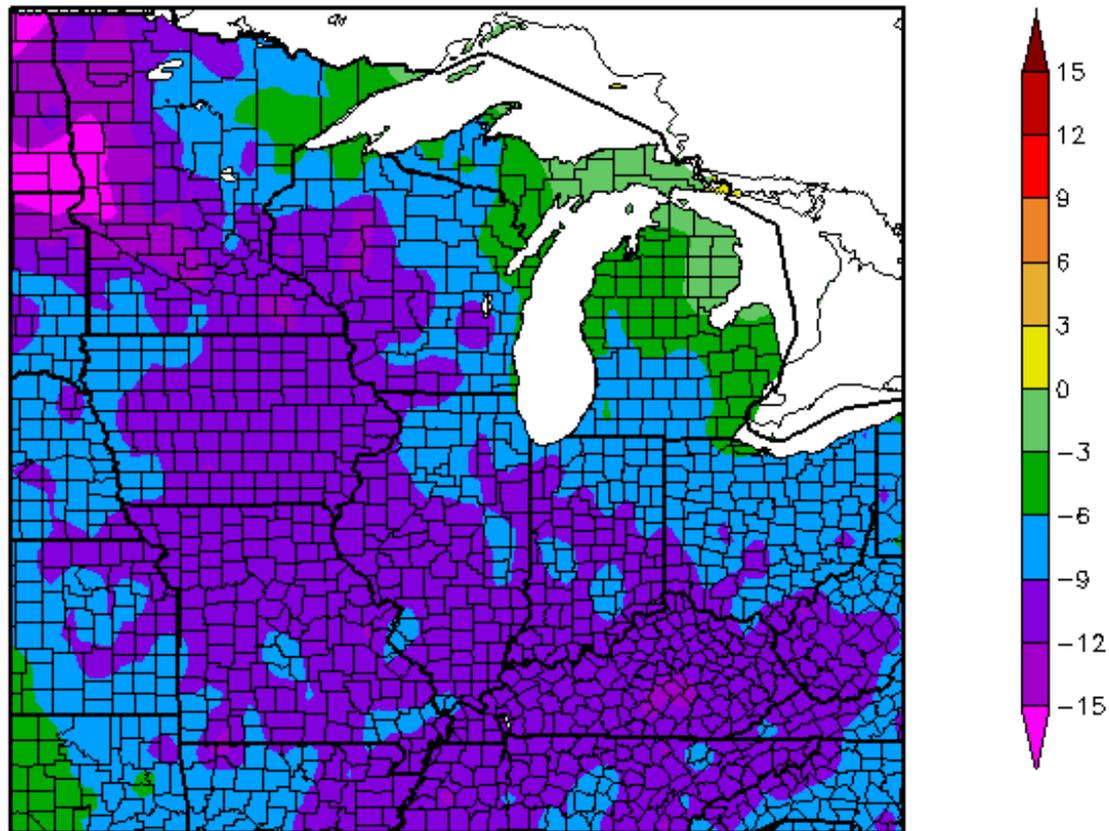
Michigan: Current 30-Day Percent of Normal Precipitation
Valid at 4/3/2013 1200 UTC- Created 4/3/13 23:20 UTC



Maps of observed precipitation available at <http://water.weather.gov>

14 Day Temperature Anomalies

Departure from Normal Temperature (F)
3/20/2013 - 4/2/2013



Generated 4/3/2013 at HPRCC using provisional data.

Regional Climate Centers

Maps available at <http://www.hprcc.unl.edu/maps>

Drought Monitor

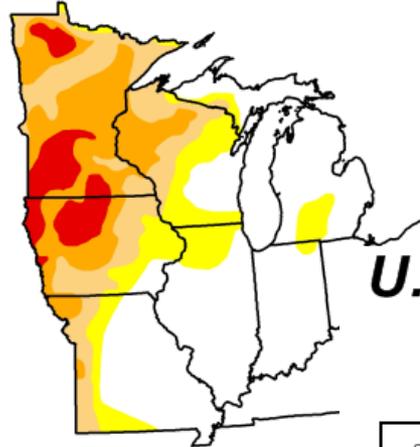
U.S. Drought Monitor

April 2, 2013
Valid 7 a.m. EST

Midwest

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	55.23	44.77	33.31	19.89	5.76	0.01
Last Week (03/26/2013 map)	55.20	44.80	33.31	20.11	5.76	0.01
3 Months Ago (01/01/2013 map)	28.14	71.86	54.93	30.11	7.88	0.14
Start of Calendar Year (01/01/2013 map)	28.14	71.86	54.93	30.11	7.88	0.14
Start of Water Year (09/25/2012 map)	8.75	91.25	67.48	41.58	14.88	0.28
One Year Ago (03/27/2012 map)	68.34	31.66	19.06	6.32	0.00	0.00



Intensity:

- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://droughtmonitor.unl.edu>



Released Thursday
National Drought Mit

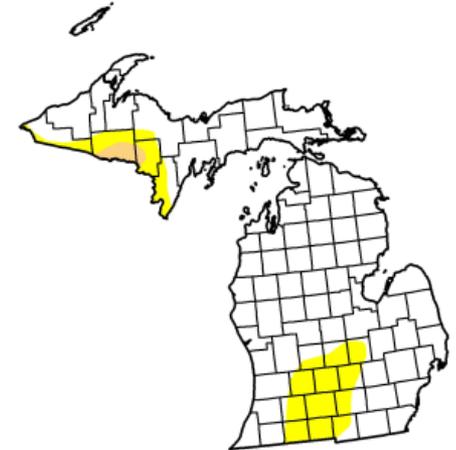
U.S. Drought Monitor

April 2, 2013
Valid 7 a.m. EST

Michigan

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	85.06	14.94	1.24	0.00	0.00	0.00
Last Week (03/26/2013 map)	85.06	14.94	1.24	0.00	0.00	0.00
3 Months Ago (01/01/2013 map)	60.32	39.68	3.42	0.00	0.00	0.00
Start of Calendar Year (01/01/2013 map)	60.32	39.68	3.42	0.00	0.00	0.00
Start of Water Year (09/25/2012 map)	23.46	76.54	7.70	0.00	0.00	0.00
One Year Ago (03/27/2012 map)	85.64	14.36	2.80	0.00	0.00	0.00



Intensity:

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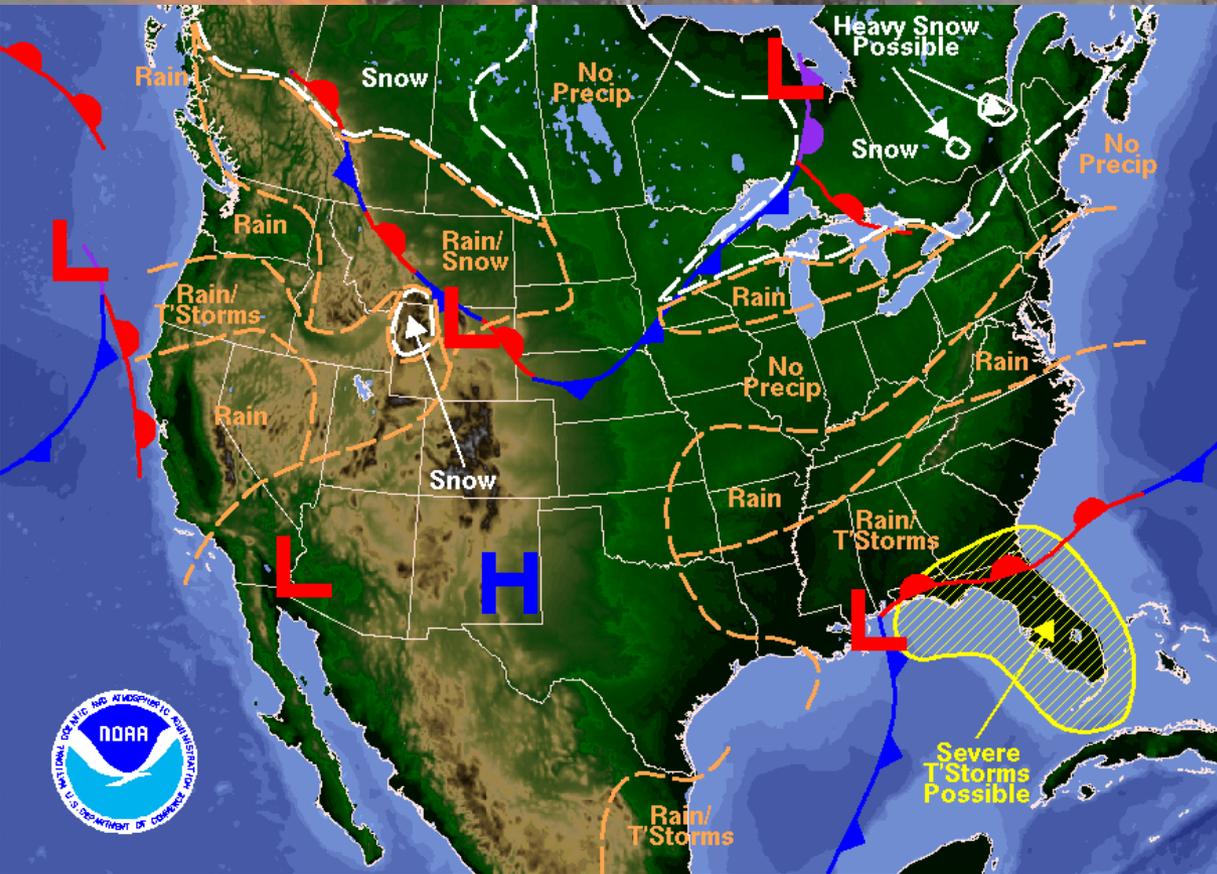
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://droughtmonitor.unl.edu>



Released Thursday, April 4, 2013
National Drought Mitigation Center,

Forecast for Today

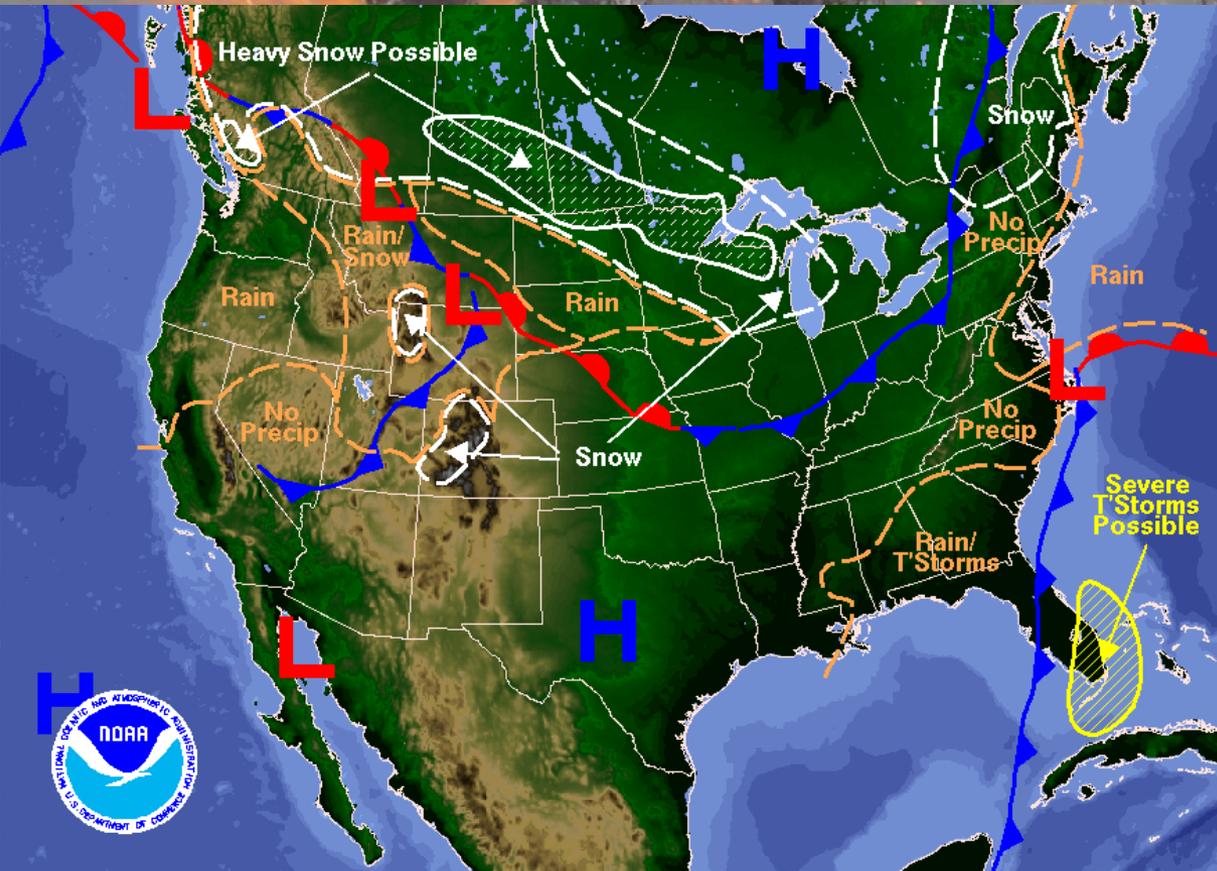


Weather Forecast for Thu, Apr 04, 2013, issued 3:48 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McReynolds based on WPC, SPC and NHC forecasts

Daily Highlights

- The most “active” fire day of the next 7
- Partly to mostly cloudy north with a few rain or snow showers/sprinkles
- Sunshine south with gusty southwest winds 15-25mph and highs into the low to mid 50s.
- Low RH values down into the 25-35% range southern half of the state and Huron National Forest

Forecast for Friday



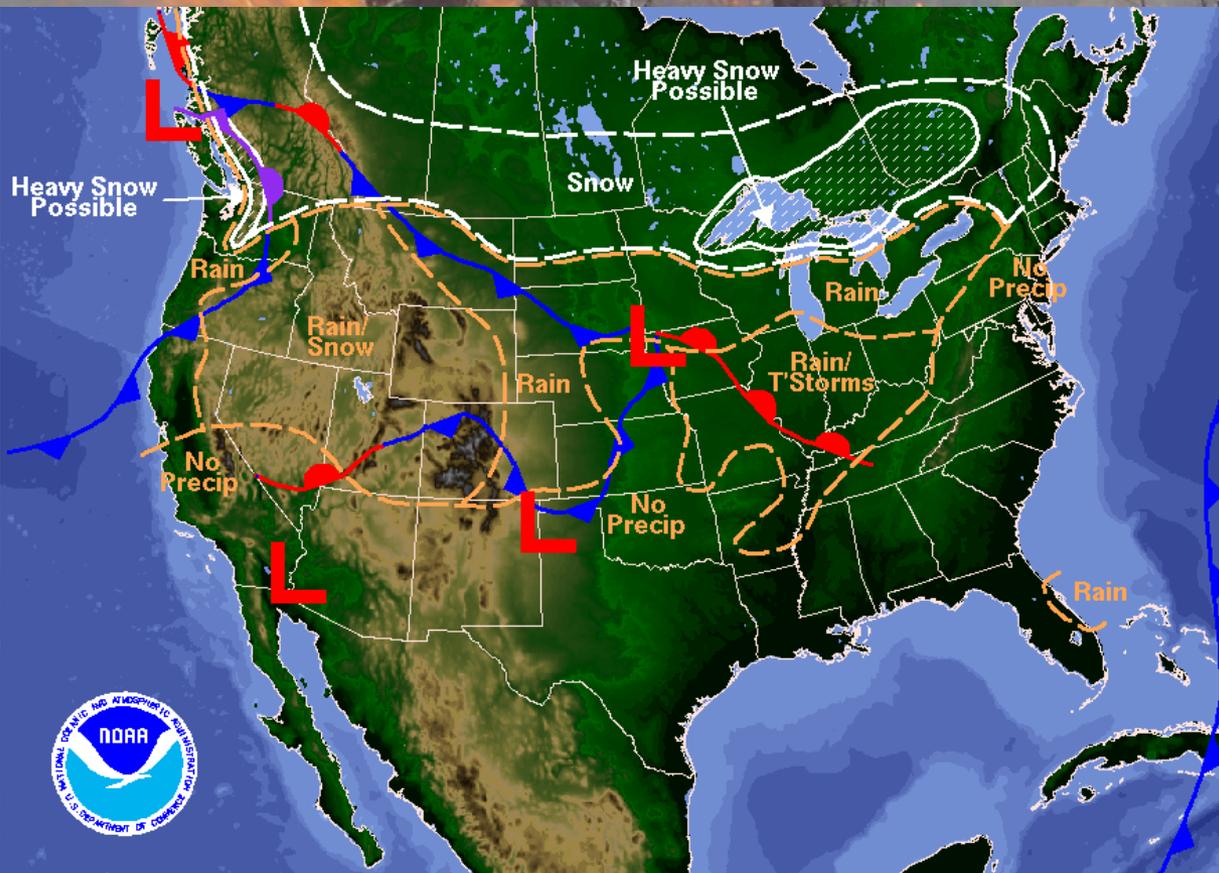
Weather Forecast for Fri, Apr 05, 2013, issued 4:35 AM EDT Thu, Apr 04, 2013
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Mcreynolds based on WPC, SPC and NHC forecasts

Daily Highlights

- Cooling back down northern half of the Lower Peninsula – highs in the upper 30s.
- Not much change southern half – highs in the low 50s
- No precipitation anywhere for the day. Maybe a little light snow arriving late for the far western areas.



Forecast for Saturday



Weather Forecast for Sat, Apr 06, 2013, issued 5:18 AM EDT Thu, Apr 04, 2013
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Mcreynolds based on WPC, SPC and NHC forecasts

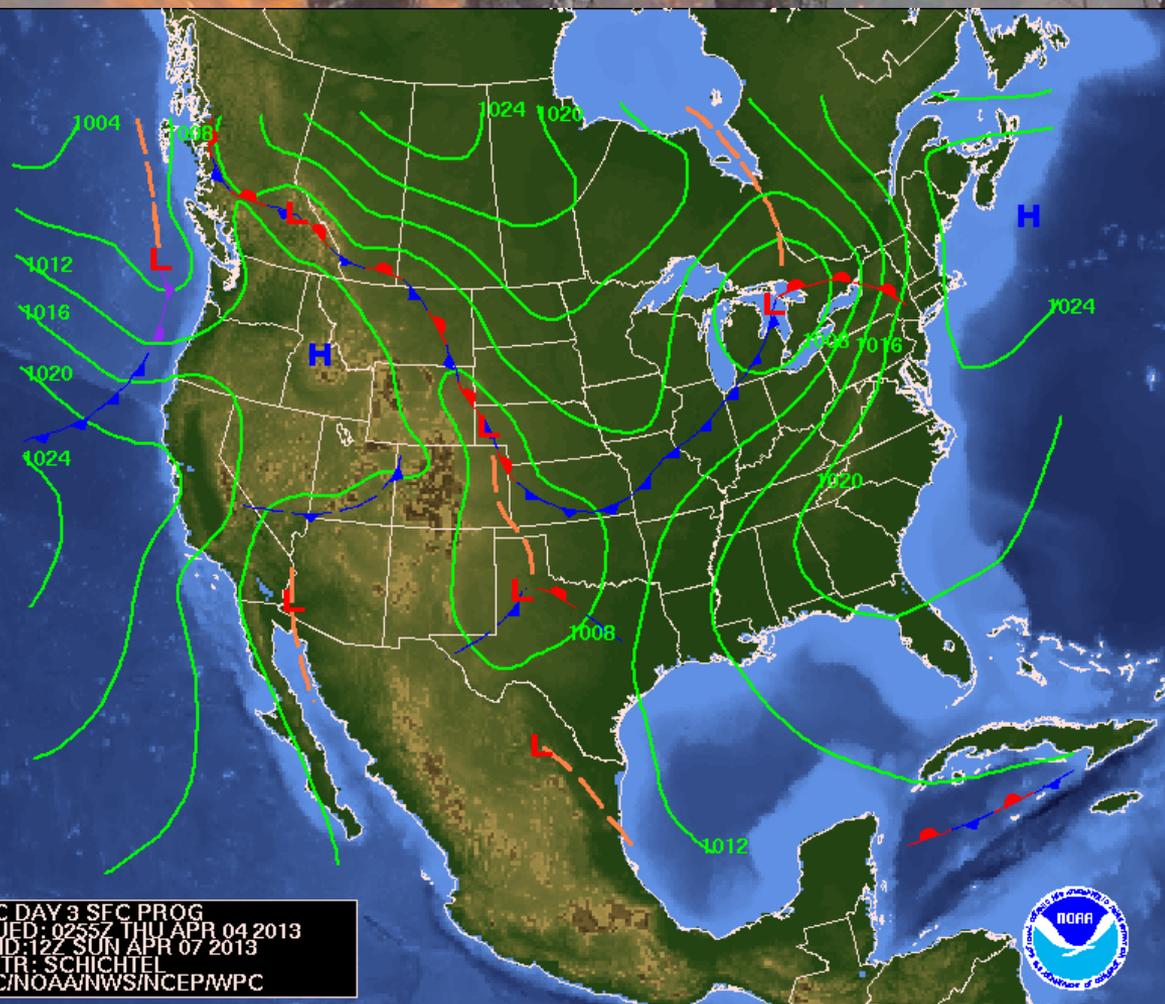
Daily Highlights

- Looking wet for most areas.
- Heaviest/most widespread rain will fall across Northern Lower
- Rain may begin as snow (yuck!) north of M-72
- Big range in temperatures – in the upper 30s closer to the Straits to near 60 far south

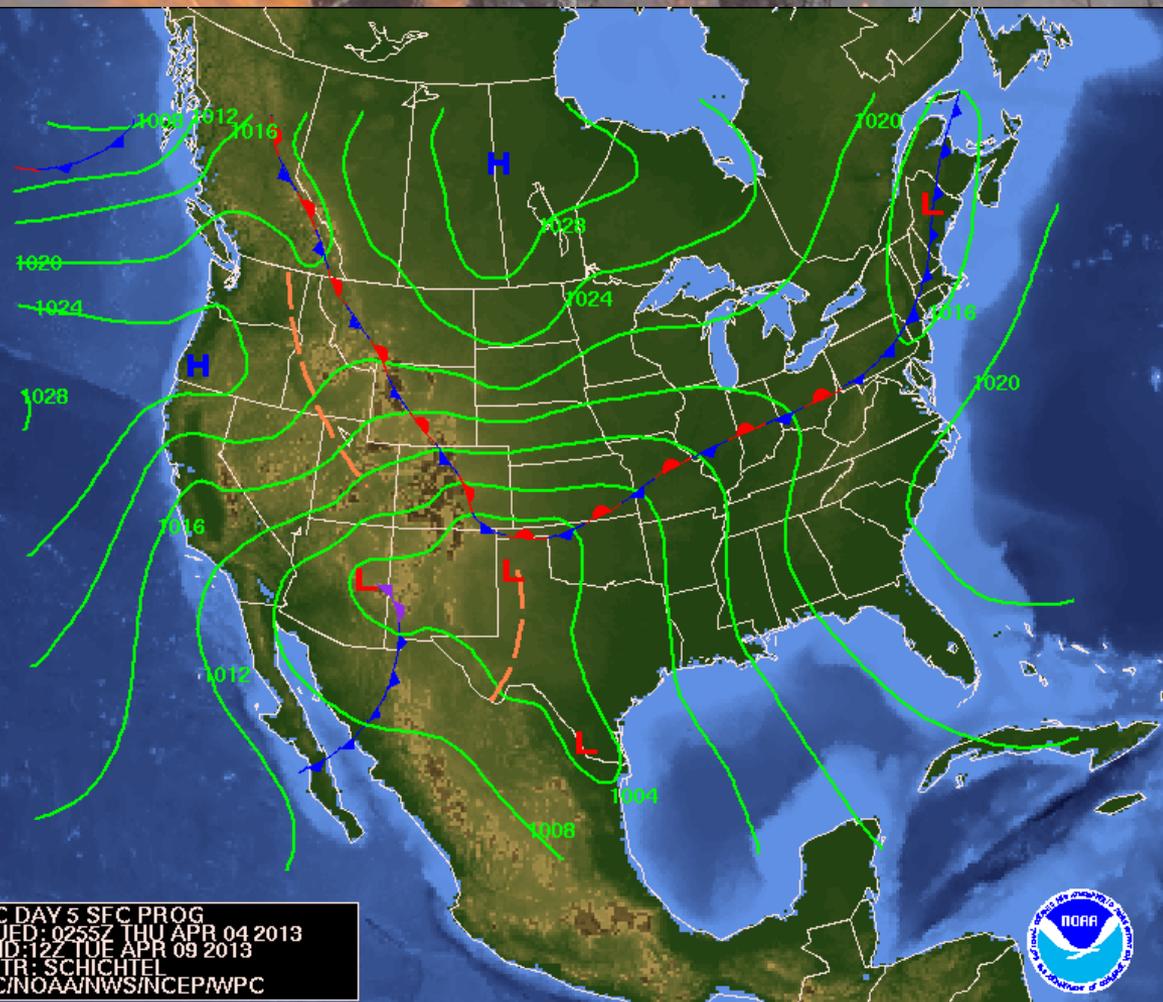
Forecast for Sunday

Daily Highlights

- Any lingering rain ending early with increasing sunshine
- No big fire weather threats



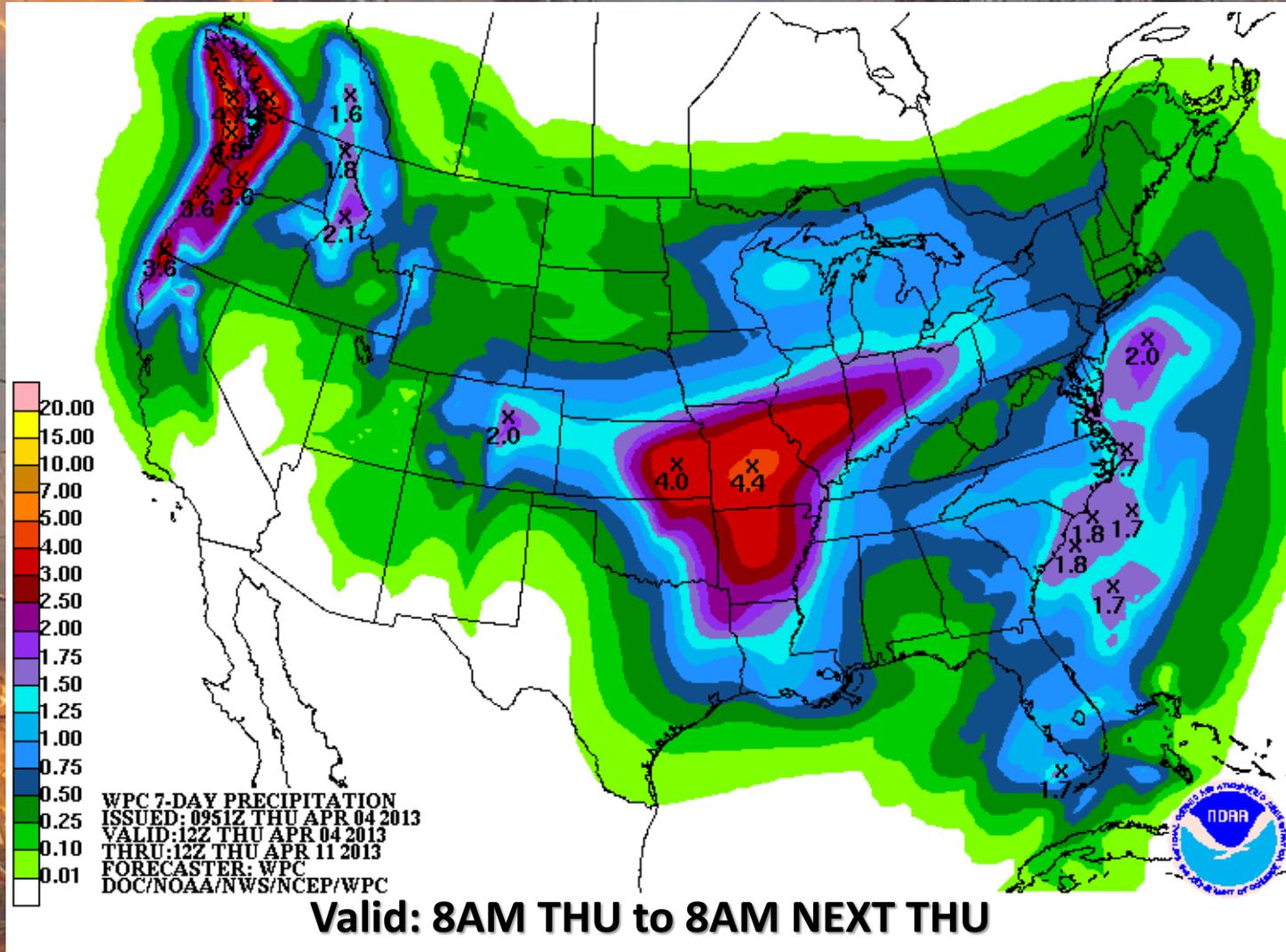
Forecast for Monday - Wednesday



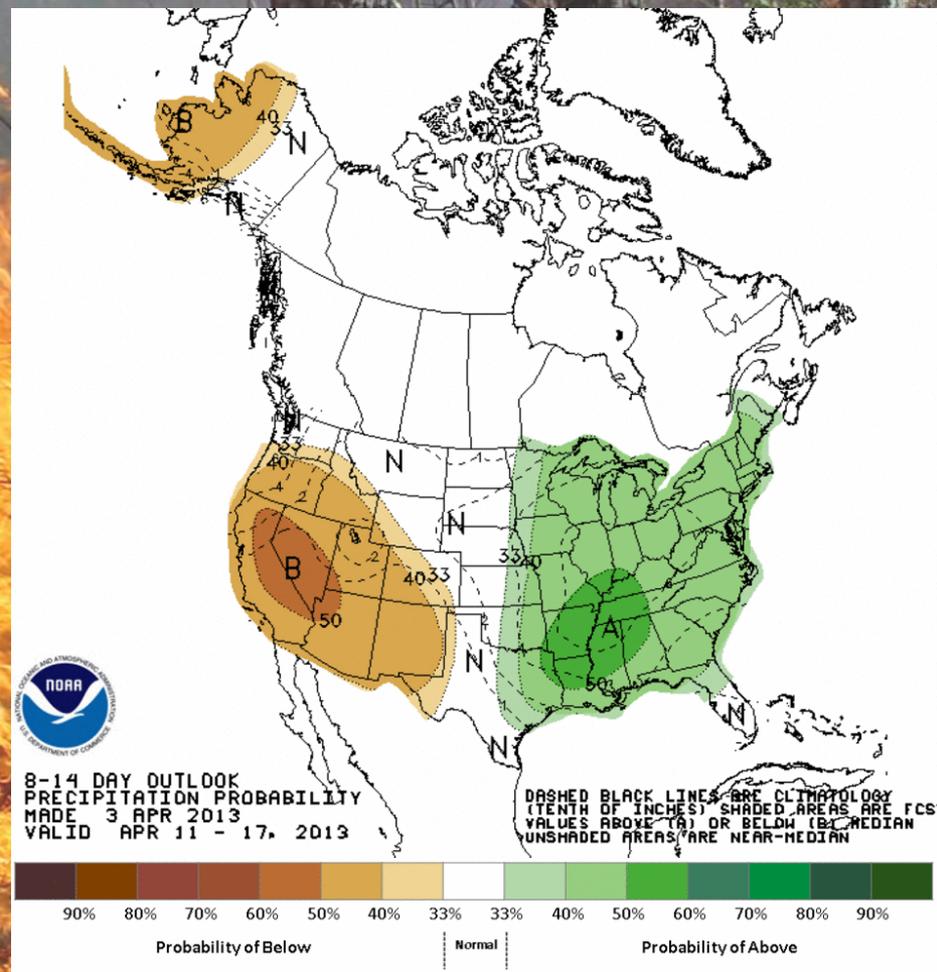
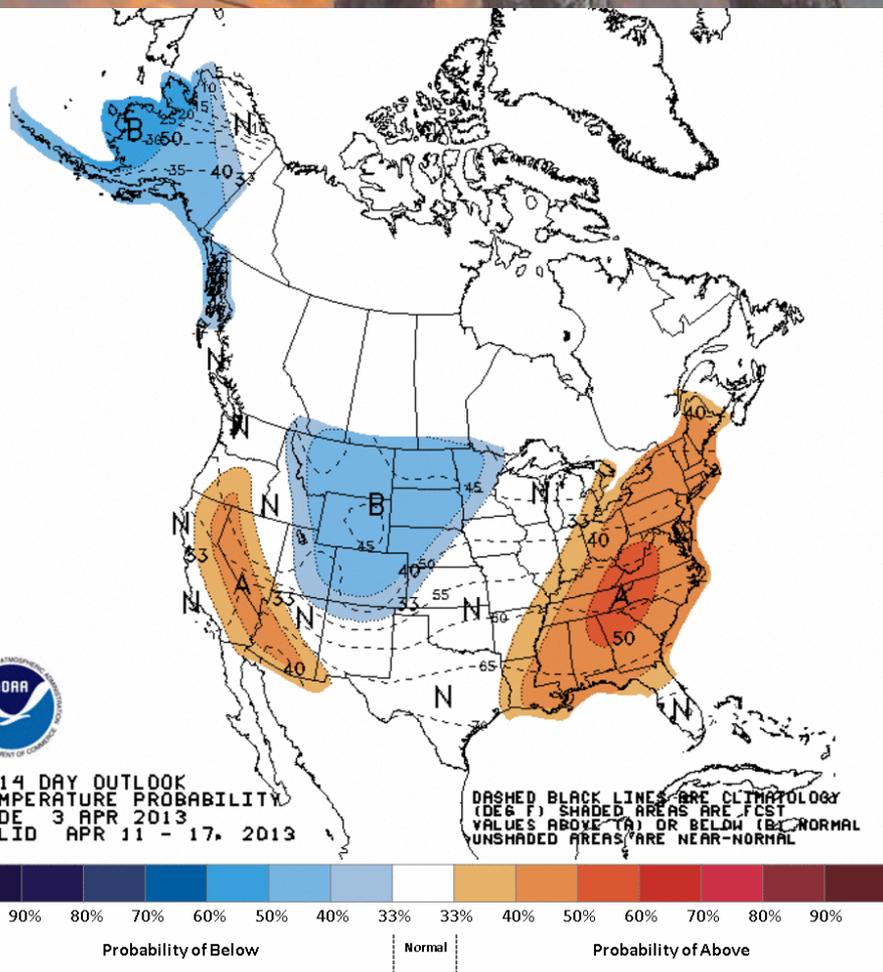
Daily Highlights

- Stalled frontal boundary across the southern Great Lakes
- Several chances for mainly light rainfall, but timing of these is uncertain
- Big range in temperatures from north to south once again. Highs in the low 40s far north to perhaps near 60 far south (depends on the eventual position of the front).
- No big fire weather concerns

7-Day Precipitation Forecast



8-14 Day Outlook



Summary

What	Where	Timing	Impacts
Gusty winds/lower humidity levels	Much of the Lower Peninsula (except for Northwest Lower Michigan)	Today (Thursday, April 4 th)	Elevated fire weather concerns for areas without remaining snow cover
Widespread soaking rain	Much of the Lower Peninsula. <i>Heaviest rain is expected for Northern Lower</i>	Saturday and Saturday Night	Needed rain to help alleviate developing short-term deficits
Several more chances for rain	All of Lower Michigan	Monday – Wednesday	More needed rain to overcome recent deficits

