

# WINTER WEATHER

## FEBRUARY 28-29 2012

Winter weather moved through Southwest Lower Michigan between the late evening of Tuesday, February 28<sup>th</sup> and the mid-morning hours of February 29<sup>th</sup>. The storm brought up to a tenth of an inch freezing rain to locations north of interstate 96 during the early morning hours of the 29<sup>th</sup>. Heavy wet snow fell over the northern sections of Osceola and Clare Counties (Figure 1). In that area the snowfall was reported to be 3 to 4 ½ inches as of 7 AM this morning. South of that rainfall of between ¼ and a ¾ inch was reported (Figure 2).

This resulted icy back roads that in turn caused numerous schools closing and 2 hour delays north of a line from Muskegon to Grand Rapids to Ionia to St. Johns. Consumer Energy reported up to 11,000 lost power in parts of Kent and Ottawa Counties during the height of the storm.

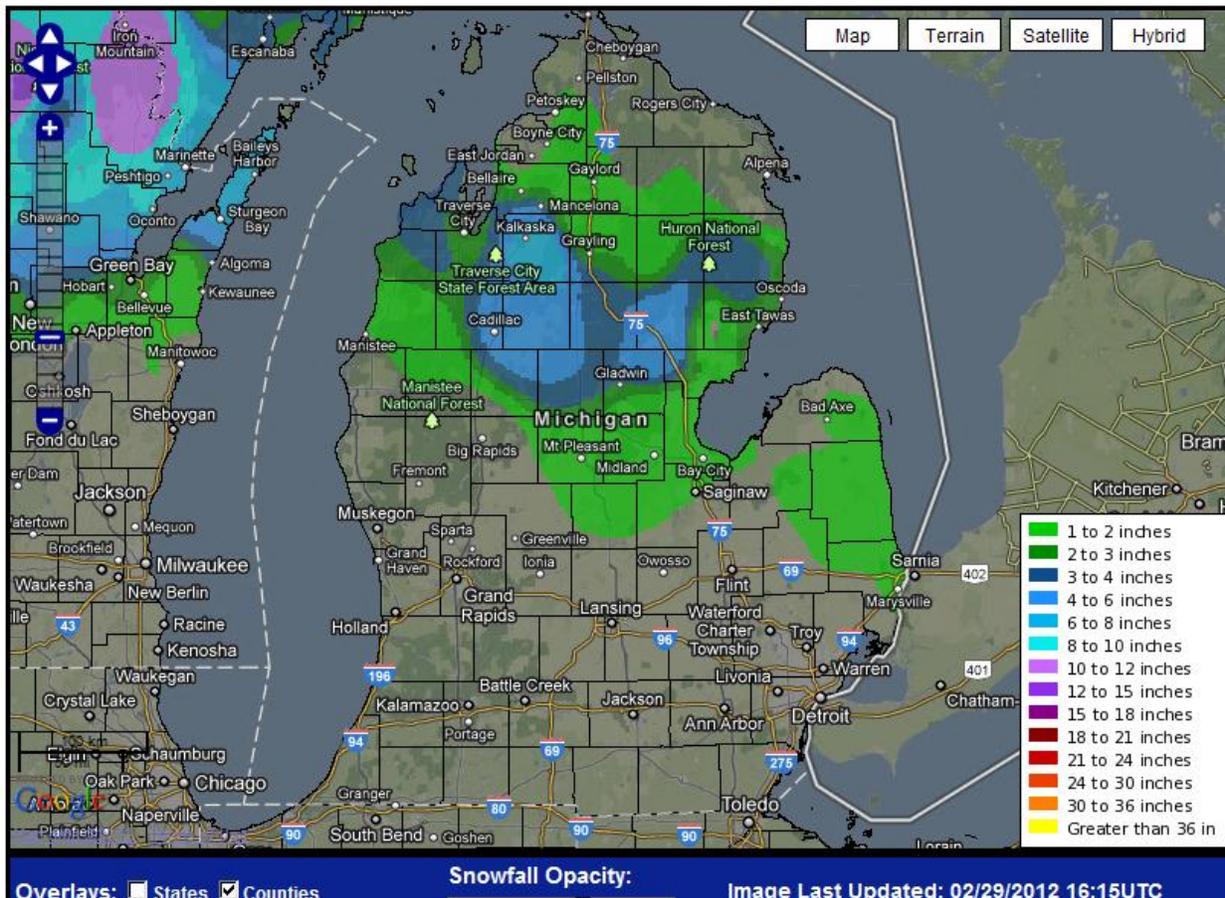
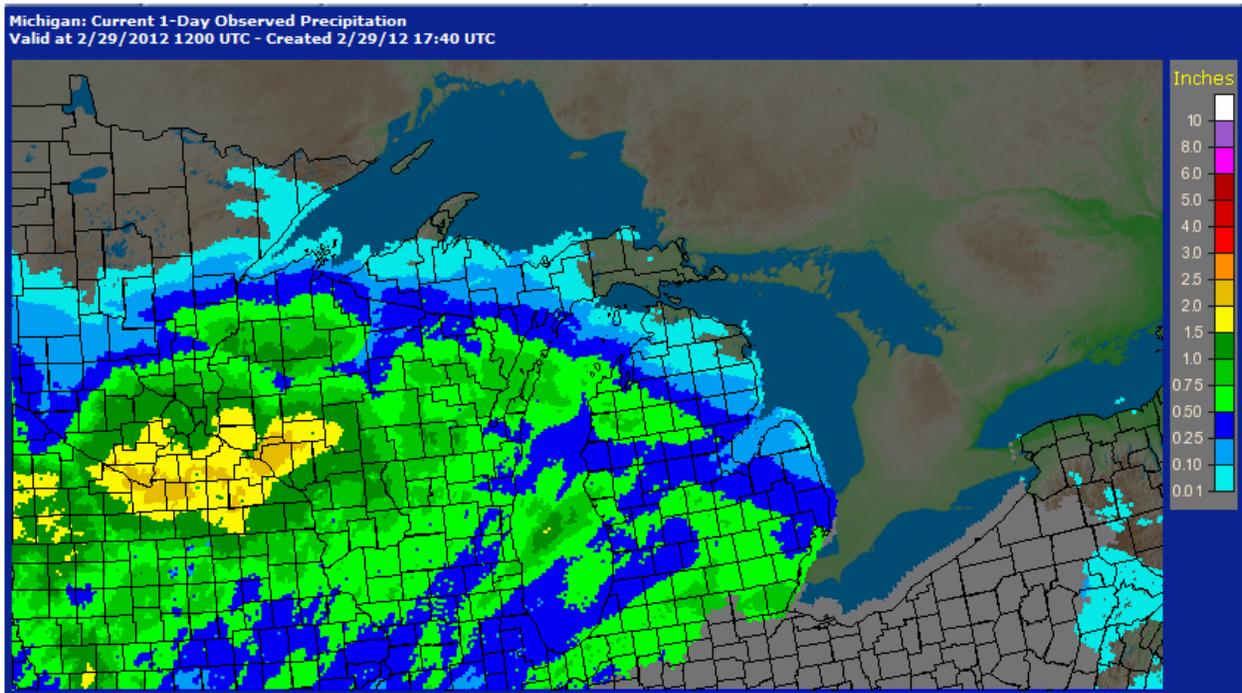


Figure 1. The storm total snowfall through 7 AM February 29th.

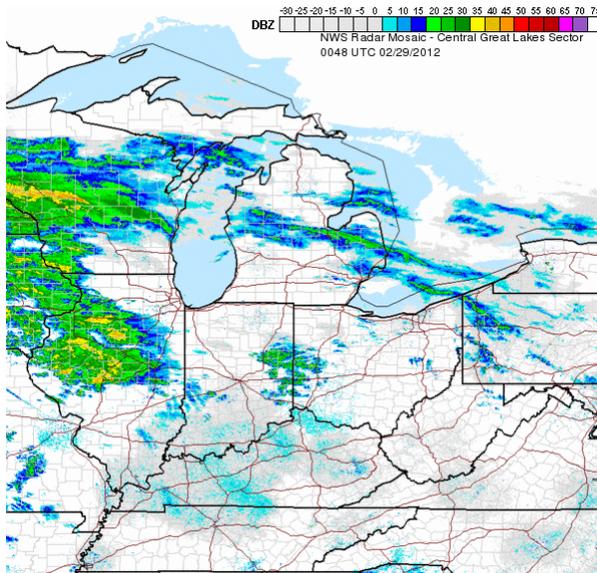
# WINTER WEATHER

## FEBRUARY 28-29 2012

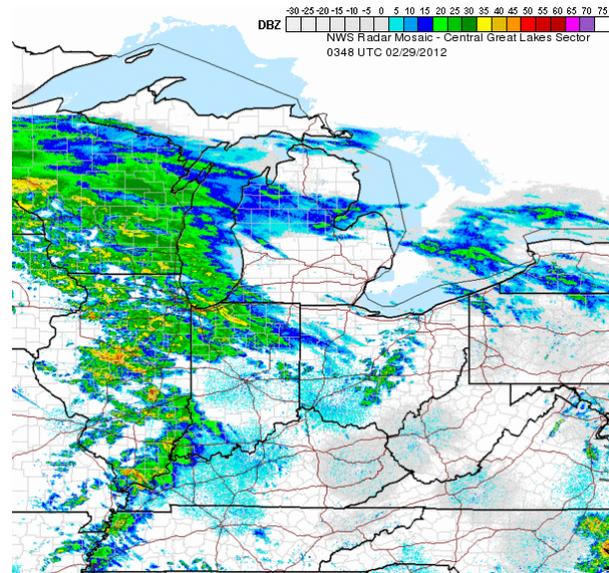


**Figure 2. The storm total precipitation through 7 AM February 29th.**

Below are radar images, about three hours apart, as the precipitation moved into the area after 9 PM in the evening. The imaged continue through 11 AM Wednesday.



**Figure 3. The radar at 7:48 PM.**



**Figure 4. The radar at 10:48 PM**

# WINTER WEATHER

## FEBRUARY 28-29 2012

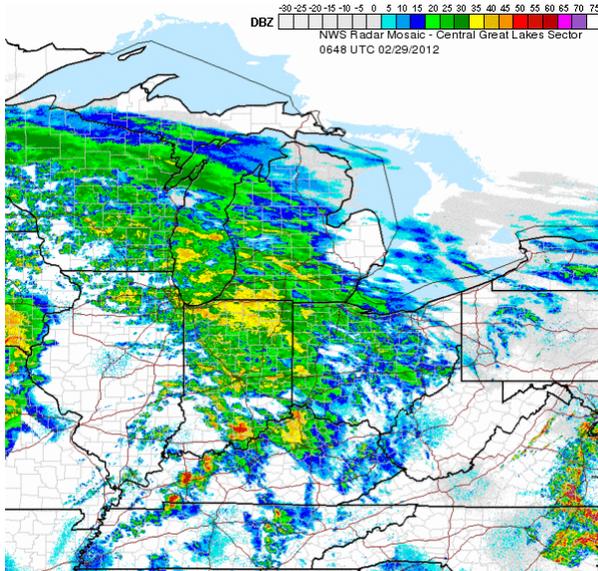


Figure 5. The radar at 1:48 AM

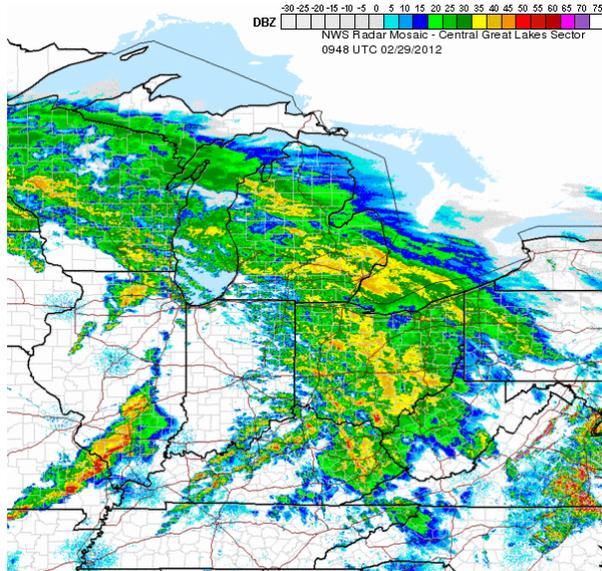


Figure 6. The radar at 4:48 AM.

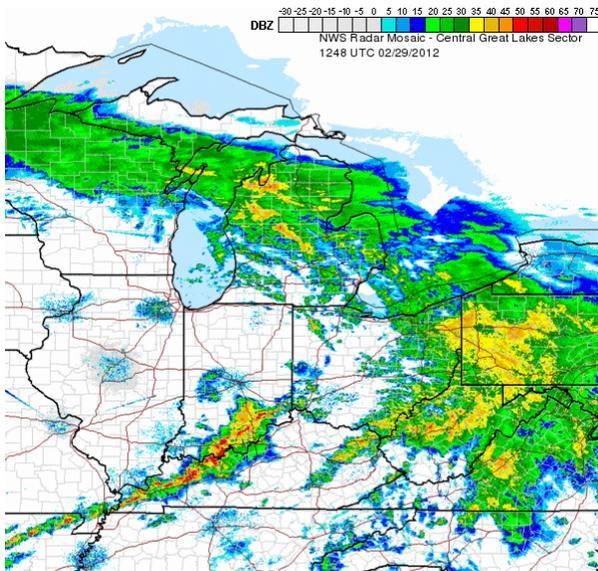


Figure 7. The radar at 7:48 AM

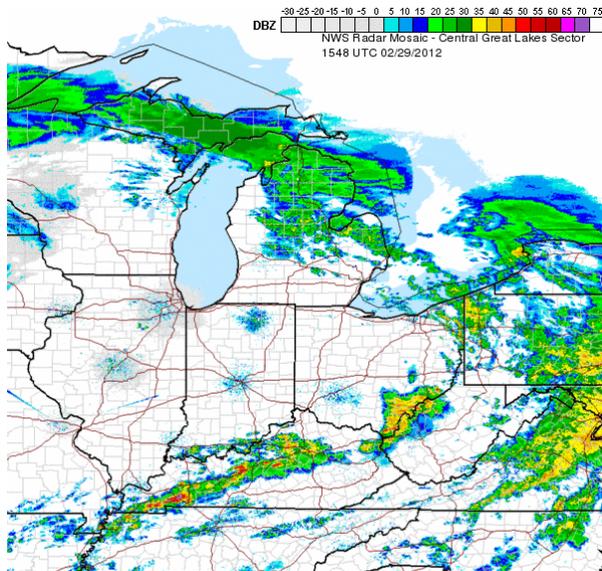


Figure 8. The radar at 10:48 AM.

# WINTER WEATHER

## FEBRUARY 28-29 2012

PRELIMINARY LOCAL STORM REPORT...SUMMARY  
 NATIONAL WEATHER SERVICE GRAND RAPIDS MI  
 1224 PM EST WED FEB 29 2012

.TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON
.DATE...	....MAG....	..COUNTY LOCATION..ST..	...SOURCE.
..REMARKS..			
0701 AM 02/29/2012	HEAVY RAIN E0.51 INCH	EAST GRAND RAPIDS KENT	42.94N 85.61W MI CO-OP OBSERVER
0701 AM 02/29/2012	SNOW M0.1 INCH	WHITE CLOUD NEWAYGO	43.57N 85.77W MI CO-OP OBSERVER
0749 AM 02/29/2012	SNOW M0.6 INCH	ALMA GRATIOT	43.38N 84.66W MI CO-OP OBSERVER
0814 AM 02/29/2012	FREEZING RAIN E0.00 INCH	ADA KENT	42.95N 85.49W MI NWS EMPLOYEE
THIN GLAZE OF ICE ON MOST OBJECTS.			
0835 AM 02/29/2012	SNOW M4.5 INCH	DIGHTON OSCEOLA	44.09N 85.35W MI BROADCAST MEDIA
STORM TOTAL SNOWFALL.			
0845 AM 02/29/2012	FREEZING RAIN E0.10 INCH	ST. JOHNS CLINTON	43.00N 84.56W MI TRAINED SPOTTER
ICE ACCUMULATION ON TREES AND SHRUBS. ROADS AND SIDEWALKS OK			
0849 AM 02/29/2012	SNOW M0.1 INCH	IONIA IONIA	42.98N 85.06W MI CO-OP OBSERVER
ICE/GLAZE			
0849 AM 02/29/2012	SNOW M0.2 INCH	SCOTTVILLE MASON	43.95N 86.28W MI CO-OP OBSERVER
0900 AM 02/29/2012	SNOW M3.0 INCH	CLARE CLARE	43.82N 84.76W MI PUBLIC
NEAR WHITEOUT CONDITIONS EARLY THIS MORNING. PRECIPITATION SWITCHED TO FREEZING RAIN AS OF 9 AM			
1015 AM 02/29/2012	NON-TSTM WND DMG 5 SE BIG RAPIDS	MECOSTA	43.65N 85.42W MI COUNTY OFFICIAL

# WINTER WEATHER

## FEBRUARY 28-29 2012

A COUPLE OF TREES DOWN IN THE AREA.

1130 AM 02/29/2012	SNOW E4.5 INCH	HARRISON CLARE	MI	44.02N 84.80W COUNTY OFFICIAL
-----------------------	-------------------	-------------------	----	----------------------------------

1130 AM 02/29/2012	SNOW E0.5 INCH	PARIS MECOSTA	MI	43.77N 85.50W COUNTY OFFICIAL
-----------------------	-------------------	------------------	----	----------------------------------

SNOW AND ICE MIXTURE

1130 AM 02/29/2012	SNOW E2.0 INCH	BALDWIN LAKE	MI	43.90N 85.85W COUNTY OFFICIAL
-----------------------	-------------------	-----------------	----	----------------------------------

SNOW AND SLEET ACCUMULATION

1215 PM 02/29/2012	SNOW E2.5 INCH	MOUNT PLEASANT ISABELLA	MI	43.60N 84.78W COUNTY OFFICIAL
-----------------------	-------------------	----------------------------	----	----------------------------------