



# Damage Assessment and Emergency Status Report

## Incident: 2013-04-Statewide-Flooding

### Operational Period

Operational Period Begin: 04/24/2013 08:00:00  
 Operational Period End: 04/24/2013 17:00:00  
 Situation Report No. #10  
 SEOC Status: Full  
 Hours of Operation Begin: 04/24/2013 08:00:00  
 Hours of Operation End: 04/24/2013 17:00:00

### Executive Summary

The State Emergency Operations Center (SEOC) is fully operational today from 0800 to 1700 (8:00 AM to 5:00 PM). A briefing / conference call with state agency and NGO partner organizations will be held today at 1630 (4:30 PM).

SEOC personnel continue to monitor river levels across Central Lower Michigan, with particular focus on the Grand River from Lansing to Lake Michigan. River levels are receding. As of this morning, river crests and current levels on the Grand River were as follows:  
 The Grand River at Lansing, with a flood stage of 11 feet, crested at 10.96 feet on Sunday evening and is currently at 8.9 feet.  
 The Grand River at Ionia, with a flood stage of 21 feet, crested at 24.69 feet Saturday morning and is currently at 20.6 feet.  
 The Grand River at Lowell, with a flood stage at 15 feet, crested at 19.02 feet on Sunday morning and is currently at 15.9 feet.  
 The Grand River at Ada, with a flood stage of 20 feet, crested at 22.94 feet on Sunday morning and is currently at 20.2 feet.  
 The Grand River at Grand Rapids, with a flood stage of 18 feet, crested at 21.85 feet on Sunday evening and is currently at 19.7 feet.  
 The Grand River at Robinson Township, with a flood stage of 13.3 feet, crested at 17 feet last Friday morning and is currently at 16 feet.

Crests and current levels for other rivers of concern:

The Tittabawassee River at Midland, with a flood stage of 24 feet, crested at 28.37 feet early Saturday morning and is currently at 17.92 feet.  
 The Saginaw River at Saginaw, with a flood stage of 17 feet, crested at 22.42 feet early Sunday morning and is currently at 19.42 feet.  
 The Muskegon River at the Croton Dam, with a flood stage of 9 feet, crested at 11.11 feet early Saturday morning and is currently at 8.76 feet.  
 The Cass River at Frankenmuth, with a flood stage of 17 feet, crested at 20.72 feet late Saturday evening and is currently at 11.07 feet.  
 The Pine River at Alma, with a flood stage of 8 feet, crested at 10.15 feet on Thursday, April 18, and is currently at 6.9 feet.  
 The Chippewa River at Mt. Pleasant, with a flood stage of 8 feet, crested at 10.46 feet last Friday morning and is currently at 6.44 feet.

A FEMA Liaison Officer (LNO) is working in the SEOC to coordinate federal and state operations and to provide information on flood response activities in other federal Region V states.

Local governments and state agencies continue to conduct damage assessments as flood waters recede and damage to private structures and public facilities and infrastructure becomes more visible. Support to local damage assessment operations is being provided by the respective MSP/EMHSD District Coordinators. Local damage assessment operations will continue throughout the week.

County and local EOCs are in varying levels of operation. (Current EOC and jurisdiction status information can be found in the MI CIMS "EM Program Status" board.)

The following road closures are still in effect involving state highways and trunklines:

All ramps to/from I-196 in Grand Rapids are closed.  
 The off ramps from eastbound and westbound I-196 to Market Avenue (Exit #73) in Grand Rapids are closed.  
 Market Avenue is flooded between I-196 and Freeman Avenue.  
 Eastbound and westbound I-196 BL between Ivanrest and Byron Center is closed.

Five ARC shelters remain open, with a current shelter population of five.

### Incident Response/Recovery Priorities/Objectives

### Emergency Declarations

#### Local Declarations

**Jurisdiction(s):** Newaygo County on April 16, 2013; Midland County on April 17, 2013; Ottawa County on April 17, 2013; Osceola County on April 18, 2013; the city of Ionia on April 18, 2013 (received on April 19, 2013); Ionia County on April 19, 2013; Gratiot County on April 19, 2013; Kent County on April 19, 2013; the city of Grand Rapids on April 20, 2013. **Date/Time:** as of 04/24/2013, 10:00:00

On April 18, Midland County requested a Governor's emergency or disaster declaration under 1976 PA 390. On April 24, the Midland County Board of Commissioners Chairman formally rescinded the County's request for a Governor's declaration.

On April 23, the Chief Elected Official of the Newaygo County Board of Commissioners formally extended the County's local State of Emergency under 1976 PA 390.

#### State Declarations

**Jurisdiction(s): Date/Time:**

#### Federal Declarations

**Jurisdiction: Date/Time:**

### Weather Conditions

Temperature (°F):

Wind Chill (°F):

Humidity (%):

Heat Index (°F):

Winds (measured at 10 meters):

Direction: Speed (MPH): Conditions:

Cloud Cover:

Cloud Height (feet):

Visibility (miles):

Total Rainfall (inches):

Snow Accumulation (inches):

**Ice Accumulation (inches):****Watches/Warnings**

River Flood Warnings and Advisories remain in place for many rivers around the Lower Peninsula. Many Rivers will be above flood stage through much of the rest of this week. All rivers are expected to be below flood stage by the end of the weekend. Some may remain at or near bankfull into the early part of next week.

**Upcoming Forecast**

Around 0.50 to 1.25 inches of rain was received in the Lower Peninsula Tuesday night. The highest amounts were generally from Lansing east/northeast toward the Thumb.

Slight river rises will be occurring today through tomorrow on the Grand River, Shiawassee River, Cass River, Tittabawassee River, and Saginaw River. No significant changes to ongoing impacts are expected from these slight rises in rivers. River falls will continue through the weekend.

At this time, there is not expected to be a threat for heavy rainfall in the next 7 days for either the Lower Peninsula or the Upper Peninsula.

**Other**

Regional Weather Radar

<http://go.usa.gov/Tk8j>

Expected Rainfall Image for the next 3 days (image will update each day)

[http://www.hpc.ncep.noaa.gov/qpf/d13\\_fill.gif](http://www.hpc.ncep.noaa.gov/qpf/d13_fill.gif)

Expected Rainfall Image for the next 7 days - (image will update each day)

<http://www.hpc.ncep.noaa.gov/qpf/p168i.gif>

Attachment(s):

**General Information****River Conditions**

Flood warnings remain in effect for the following rivers:

The Maple River in Clinton County;

The Grand River across Ionia, Kent, and Ottawa Counties;

The Saginaw River in Saginaw County;

Other rivers previously listed as being under a Flood Warning have been downgraded to Flood Advisory status or below.

**National Terrorism Advisory System (NTAS) Status****Critical Infrastructure/Key Resources Impacted****Outside Assistance Requested****Fatalities and Injuries****Reports This Period Cumulative Comments**

Fatalities

Injuries

**Evacuation and Sheltering****Reports This Period Cumulative Comments**

Evacuation

Sheltering

**Local Damage Summary****Public Damage Totals**

Jurisdiction	Category A: Debris Removal \$	Category B: Emer Prot Measure \$	Category C: Roads / Bridges \$	Category D: Water Control \$	Category E: Public Bldgs \$	Category F: Public Utilities \$	Category G: Parks / Rec and Other \$	\$ Estimate for Damage (per jurisdiction; total = for all jurisdictions)
County of Ionia	\$0	\$0	\$1,350,000	\$0	\$0	\$0	\$0	\$1,350,000
County of Osceola	\$0	\$0	\$338,000	\$0	\$0	\$0	\$0	\$338,000
County of Ottawa	\$2,430,000	\$0	\$0	\$0	\$0	\$0	\$46,500	\$2,476,500
<b>TOTALS PER CATEGORY:</b>	<b>\$2,430,000</b>	<b>\$0</b>	<b>\$1,688,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$46,500</b>	<b>\$4,164,500</b>

**Private Damage Totals**

Jurisdiction	Residences Destroyed	Residences - Major Damage	Residences - Minor Damage	Residences - Affected	Businesses - Destroyed	Businesses - Major Damage	Businesses - Minor Damage	Businesses - Affected	\$ Estimate for Damage (if available)
County of Benzie	0	0	1	0	0	0	0	0	\$10,000
County of Ionia	9	27	60	13	10	2	3	0	\$2,328,546
County of Kent	0	0	0	230	0	0	0	0	\$0
County of Mecosta	0	0	0	31	0	0	0	0	\$110,000
County of Midland	0	0	0	38	0	0	1	1	\$54,200
County of Newaygo	32	10	3	31	0	0	0	0	\$1,639,400
County of Osceola	0	7	16	15	0	0	0	0	\$52,000
County of Ottawa	0	0	0	10	0	0	0	0	\$0
<b>TOTALS:</b>	<b>41</b>	<b>44</b>	<b>80</b>	<b>368</b>	<b>10</b>	<b>2</b>	<b>4</b>	<b>1</b>	<b>\$4,194,146</b>

**Summary**

**American Red Cross (ARC)**

Mobile bulk distribution has begun in Kent, Midland, Osceola, and Ottawa Counties.