



Damage Assessment and Emergency Status Report

Incident: 2013-04-Statewide-Flooding

Operational Period

Operational Period Begin: 04/23/2013 08:00:00
 Operational Period End: 04/23/2013 17:00:00
 Situation Report No. #9
 SEOC Status: Full
 Hours of Operation Begin: 04/23/2013 08:00:00
 Hours of Operation End: 04/23/2013 17:00:00

Executive Summary

The State Emergency Operations Center (SEOC) was 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 was held today at 1630 (4:30 PM). Tomorrow, April 24, the SEOC will have the same operational hours and briefing / conference call time.

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 afternoon, 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 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 21 feet.
 The Grand River at Lowell, with a flood stage of 15 feet, crested at 19.02 feet on Sunday morning and is currently at 16.6 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 20.9 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 20.2 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 16.44 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 17.81 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 20 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 8.9 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 11.25 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 6.66 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 04/22/2013, 17:00:00

On April 18, Midland County requested a Governor's emergency or disaster declaration under 1976 PA 390. This request is currently being considered by the MSP/EMHSD and Governor's Office.

State Declarations

Jurisdiction(s): **Date/Time:** 8/27/2012 3:16:08 PM

Federal Declarations

Jurisdiction: **Date/Time:** 1/1/1900 12:00:00 AM

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.

Upcoming Forecast

Rivers appear to have all crested with slow falls expected over the next few days.

Lower Peninsula: Up to 1 inch of rain will fall Tuesday Afternoon (April 23) through Wednesday morning (April 24). This rain should slow down the fall of river levels or increase the levels slightly through Thursday (April 25). Significant river rises are still not expected from this rainfall. Forecast looks mostly dry and slightly warmer for the next 7 days.

Upper Peninsula: Precipitation comes to an end today by early afternoon. Little additional rainfall is now expected for the next 7 days. Warmer temperatures will move in by the end of the week. - At this time, gradual snow melt is anticipated through the weekend. Flooding potential - if it occurs looks to be first week of May at the earliest.

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

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 Thornapple River in Barry County and Kent County;
 The Grand River across Ionia, Kent, and Ottawa Counties;
 The Muskegon River in Newaygo County;
 The Tittabawassee River in Midland County;
 The Saginaw River in Saginaw County;
 The Cass River in Saginaw and Tuscola Counties;
 The Flint River in Genesee County.

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
TOTALS PER CATEGORY:	\$0	\$0	\$1,350,000	\$0	\$0	\$0	\$0	\$1,350,000

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 Ottawa	0	0	0	10	0	0	0	0	\$0
TOTALS:	41	37	64	353	10	2	4	1	\$4,142,146

Summary

Agency Summaries

American Red Cross (ARC)

Five (5) shelters continue to operate. The ARC intends to keep them open through Wednesday night. The ARC has completed initial disaster assessments in Kent, Newaygo, and Osceola Counties. Assessment should be completed this evening in Ionia.

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

Licensing and Regulatory Affairs (LARA)

The 77 residents of St. Francis of Saginaw nursing facility have been safely returned to the facility.

National Weather Service (NWS)

Earlier today, a NWS Grand Rapids Hydrologist went to the Kent County EOC to assist in briefing Senator Stabenow's representative on historical perspective and impacts from water levels.

Transportation (MDOT)

MDOT staff are continuing to monitor flooded roadways. Earlier today, M-21 over the Maple River was reopened. In addition, the westbound I-196 to westbound M-121 exit was reopened, as was M-121 over Rush Creek.