



Damage Assessment and Emergency Status Report

Incident: 2013-04-Statewide-Flooding

Operational Period

Operational Period Begin: 04/26/2013 08:00:00
Operational Period End: 04/26/2013 17:00:00
Situation Report No. #13
SEOC Status: Full
Hours of Operation Begin: 04/26/2013 08:00:00
Hours of Operation End: 04/26/2013 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). The SEOC will be in monitoring mode for the weekend (April 27 and April 28) unless a new situation arises. If necessary, the MSP OPS / MIOC desk can be notified (517-241-8000) of any significant events for reporting. The SEOC will return to operational mode beginning at 0800 (8:00 AM) on Monday, April 29. All state agency briefings for next week (and until further notice) will be held at 1530 (3:30 PM) instead of 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. In most cases, 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 7.87 feet.
The Grand River at Ionia, with a flood stage of 21 feet, crested at 24.69 feet Saturday morning and is currently at 19.5 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 14.3 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 18.3 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 17.1 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 15.01 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 17.09 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 17.6 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 8.6 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 13.75 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 6.1 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 5.84 feet.
The St. Joseph River at Burlington, with a flood stage of 6.5 feet, crested at 6.51 on Thursday, April 24, and is currently at 6.37 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:
Eastbound and westbound I-196 BL between Ivanrest and Byron Center remains closed.

One ARC shelter remains open at this time (in Comstock Park).

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; Saginaw County on April 24, 2013. **Date/Time:** as of 04/26/2013, 17:00:00

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 until terminated by order of the Newaygo County Board of Commissioners Chief Elected Official.

On April 24, the Chairperson of the Ottawa County Board of Commissioners formally extended the County's local State of Emergency under 1976 PA 390 until May 14, 2013, or until further action of the Ottawa County Board of Commissioners.

On April 25, the Chairperson of the Kent County Board of Commissioners formally extended the County's local State of Emergency under 1976 PA 390 until May 24, 2013, or until terminated by action of the Kent County Sheriff's Department and the Kent County Board of Commissioners.

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):

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. All rivers are expected to be below flood stage by the end of the weekend and below bank full by the middle of next week.

Upcoming Forecast

Lower Peninsula: No significant impact weather is expected to occur during the next 7 days. Rivers will continue to fall with all locations looking to be below bank full by Wednesday.

Upper Peninsula: Snowpack melt and water runoff to occur rapidly throughout the weekend. Creeks, streams, and rivers will be running fast and high this weekend and into early next week. There will also be a large amount of standing water or ponding of water in ditches and culverts. NWS Marquette is not anticipating a repeat of 2002 flooding in the Upper Peninsula, but something more like what occurred during 2008.

Peak runoff/flows will occur from Monday through Wednesday. Most melting of snow is expected to occur before additional rainfall (of up to an inch) occurs after Tuesday.

Persons living or working near rivers, creeks, and streams should continue to monitor water levels and forecasts as significant rises of all waterways across Upper Michigan will occur by early next week.

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 Grand River across Kent and Ottawa Counties; and

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)
City of Grand Rapids	\$300,000	\$850,000	\$2,000,000	\$50,000	\$50,000	\$500,000	\$1,250,000	\$5,000,000
County of Barry	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
County of Ionia	\$0	\$0	\$1,350,000	\$0	\$0	\$0	\$0	\$1,350,000
County of Mecosta	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
County of Newaygo	\$0	\$0	\$79,500	\$0	\$0	\$0	\$0	\$79,500
County of Osceola	\$0	\$0	\$338,000	\$0	\$0	\$0	\$0	\$338,000
County of Ottawa	\$14,703	\$0	\$279,920	\$2,430,000	\$55,000	\$19,000	\$46,500	\$2,845,123
County of Saginaw	\$0	\$0	\$329,000	\$542,000	\$0	\$0	\$0	\$871,000
TOTALS PER CATEGORY:	\$314,703	\$850,000	\$4,576,420	\$3,022,000	\$105,000	\$519,000	\$1,296,500	\$10,683,623

Private Damage Totals

Jurisdiction	Residences Destroyed	Residences - Major	Residences - Minor	Residences - Affected	Businesses - Destroyed	Businesses - Major	Businesses - Minor	Businesses - Affected	\$ Estimate for Damage (if
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