



Damage Assessment and Emergency Status Report

Incident: 2013-04-Statewide-Flooding

Operational Period

Operational Period Begin: 04/22/2013 08:00:00
 Operational Period End: 04/22/2013 20:00:00
 Situation Report No. #6
 SEOC Status: Full
 Hours of Operation Begin: 04/22/2013 08:00:00
 Hours of Operation End: 04/22/2013 20:00:00

Executive Summary

The State Emergency Operations Center (SEOC) will be fully operational today from 0800 to 2000 (8:00 AM to 8:00 PM). Briefings with state agency and NGO partner organizations will be held today at 1100 (11:00 AM) and 1630 (4:30 PM).

SEOC personnel continue to monitor river levels across Central Lower Michigan. River levels in these areas are receding. At this time, river crests and current levels are 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 10.2 feet. The Grand River at Ionia, with a flood stage of 21 feet, crested at 24.69 feet Saturday morning and is currently at 22.5 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 18 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 22.24 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 21.5 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 16.9 feet. The Tittabawassee River at Midland, with a flood stage of 24 feet, crested at 28.37 feet early Saturday morning and is currently at 20.3 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 9.63 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 7.6 feet.

A FEMA Liaison Officer (LNO) has been deployed to the SEOC and is present and working today.

Local governments and state agencies will continue to conduct damage assessments today and throughout this week, 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.

The Michigan State Police (MSP) will conduct an aerial damage assessment flyover today for the city of Grand Rapids and parts of Kent County.

The April 21, 2013 National Weather Service (NWS) forecast for the Lower Peninsula predicts the next chance for rain late Monday night through Tuesday night. Some thunderstorms may be possible - but for the most part less than one inch of additional rainfall is currently anticipated from Monday night through Tuesday night. At this time, significant rises on rivers are NOT EXPECTED from this additional rainfall. This additional rainfall is likely to slow down the receding of water levels some.

The MDOT SEOC representative reports the following road closures still in effect involving state highways and trunklines: 1. M-121 (Chicago Drive) at I-196 (Grand Rapids) is closed from Main Street to Fairlane Avenue, which includes the bridge over Rush Creek. 2. All Ramps to/from I-196 in Grand Rapids are closed. The ramp from WB I-196 to Baldwin Street is also closed. 3. 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. 4. Eastbound and westbound I-196 BL between Ivanrest and Byron Center is closed. 5. M-21 over the Maple River (east of Ionia, between Muir and Pewamo), due to water levels under the bridge. (This bridge is being reviewed this morning and may open today.)

The MDOT reports that Fulton Street in downtown Grand Rapids was opened last night a little after midnight and M-21 in Lowell opened up this morning at around 0515 (5:15 AM).

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, 11:30:00

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 most of the next week.

Upcoming Forecast

Lower Peninsula - Some rain to move through Tuesday and Tuesday night. A general one-half to one inch of rainfall should occur. This will cause some additional standing water in fields and is likely to result in swelling of smaller creeks and streams through Wednesday. Some rise on larger rivers is possible later this week - but at this time, significant rises on rivers are still not expected from this additional rainfall. This additional rainfall will slow down the receding of water levels some. Many rivers will remain above flood stage through the end of the week.

Upper Peninsula - Mostly snow Monday afternoon through Tuesday morning with up to a foot of new snow possible in the far Western Upper Peninsula. One to two inches of total rainfall possible over the next seven days that could help to quickly melt the remaining snow pack. There is six to eight inches of available water in that snow pack, so significant rainfall combined with rapid warming could lead to some flooding late this week into the early part of May.

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 Thornapple River in Barry County and Kent County; the Pine River in Gratiot County; the Grand River across Ionia, Kent, and Ottawa Counties; the Red Cedar River in Ingham County; the Muskegon River in Osceola and Newaygo Counties; the Titabawassee River in Midland and Saginaw Counties; the Saginaw River in Saginaw County; the Cass River in Saginaw and Tuscola Counties; and 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)
TOTALS PER CATEGORY:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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	0	0	75	50	0	0	0	0	\$0
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 Newaygo	69	16	10	20	0	0	0	0	\$6,440,200
TOTALS:	69	16	86	331	0	0	0	0	\$6,560,200

Summary

Agency Summaries

Agriculture and Rural Development (MDARD)

The MDARD has not received reports about impacted farms or food or agricultural operations. We will be reaching out to some of our contacts at County Drain Commissioners and Local Health Departments.

American Red Cross (ARC)

The Saginaw shelter has been closed. One (1) shelter remains open in Ionia County. Three (3) are open in Kent County. One (1) also remains open in Ottawa County. While the resident population total is only 10, the ARC continues to have other impacted individuals coming by the shelters to get a shower, hot meal, and/or bulk (clean-up) supplies. Disaster Assessment activities will be an ARC focus today, as this provides the information needed to plan routes for ARC mobile feeding and bulk distribution operations. Fixed feeding and bulk distribution are currently sited at the shelters.

AuxComm

ARES/RACES standing by until needed.

Kent EOC manned, Kent ARC Headquarters manned, Midland standing by on local repeater.

Community Health (MDCH)

As of 0930 on April 22, there have been no requests of the MDCH. The Healthcare Coalitions and Local Health Departments stand ready to support any medical requests at the local level. The MDCH will continue to monitor the situation and participate in the SEOC briefings.

Licensing and Regulatory Affairs (LARA)

The Michigan Department of Insurance and Financial Services has provided an 800 customer service number.

The Michigan Public Service Commission has received no outage reports, and only sporadic outages remain statewide.

Update on the Bureau of Health Care Services evacuations of two nursing home facilities (initiated last week) in the affected areas: 1) St. Francis of Saginaw - no reported flooding damage; the Fire Marshal from the Office of Life Safety walked through the building and inspected the sprinkler system and it was approved; the regional coordinator from Region 3, Emergency Preparedness, walked through the building and gave approval for building safety. 2) Brookcrest of Kent (requested by Kent County EOC) - flooding damage occurred; 121 residents have been relocated; it will be approximately 4-6 weeks before these residents can be returned.

Natural Resources (MDNR)

Eight (8) specialized boat teams (flat-bottom and jet boats) are available from the Lansing area, and five (5) are available from the Saginaw area, to respond to flood zone areas for evacuations or rescues, as required Boat teams are on the Muskegon River, providing assistance to local authorities.

Transportation (MDOT)

MDOT staff continue to monitor flooded roadways. Fulton Street in downtown Grand Rapids was opened a little after midnight, April 22. M21 in Lowell opened up this morning at around 0515 (5:15 AM). Remaining closures (see Executive Summary) are being monitored as the water recedes.