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.	#7
SEOC Status:	Full
Hours of Operation Begin:	04/22/2013 08:00:00
Hours of Operation End:	04/22/2013 18:00:00

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 were held today at 1100 (11:00 AM) and 1630 (4:30 PM). For tomorrow (Tuesday, April 23), the SEOC will be operational from 0800 to 1700 (8:00 AM to 5:00 PM), and one conference call briefing will be held at 1630 (4:30 PM).

SEOC personnel continue to monitor river levels across Central Lower Michigan. River levels in these areas are generally receding. As of this morning, river crests and current levels 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 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 worked with SEOC staff throughout the day to coordinate operations.

Local governments and state agencies continued to conduct damage assessments today as flood waters receded and damage to private structures and public facilities and infrastructure became 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, as required. 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 Michigan State Police (MSP) conducted an aerial damage assessment flyover today for the city of Grand Rapids and parts of Kent County.

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.)

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 (ºF):
Wind Chill (ºF):
Humidity (%):
Heat Index (ºF):
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 Farecast

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

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 far western UP. 1 to 2 inches of total rainfall possible over the next 7 days that could help to quickly melt the remaining snow pack. There is 6-8 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)
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	$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 Midland	0	0	0	38	0	0	1	1	$54,200
County of Newaygo	69	16	10	20	0	0	0	0	$6,440,200
TOTALS:	78	43	71	332	10	2	4	1	$6,614,400

Summary

Agency Summaries

Agriculture and Rural Development (MDARD)

The MDARD has not received reports about impacted farms or food or agricultural operations. The MDARD will be reaching out to 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 were the focus today, as this will provide 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.

AuxCom:

AuxComm

ARES/RACES standing by until needed. The Kent County EOC and Kent ARC Headquarters are manned; the Midland County EOC is standing by on local repeater.

Licensing and Regulatory Affairs (LARA)

The 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.

Transportation (MDOT)

MDOT staff continue to monitor flooded roadways. Remaining closures (see Executive Summary) are being monitored as the water recedes.