Damage Assessment and Emergency Status Report

Incident: 2013-04-Statewide-Flooding

Operational Period

Operational Period Begin:	04/18/2013 08:00:00
Operational Period End:	04/19/2013 08:00:00
Situation Report No.	#2
SEOC Status:	Partial
Hours of Operation Begin:	04/19/2013 09:00:00
Hours of Operation End:	04/19/2013 20:00:00

Executive Summary

The State Emergency Operations Center (SEOC) began to actively monitor the flooding conditions across the state at 1130 on April 18, 2013. As of 0830 on Friday, April 19, the SEOC is partially activated. SEOC personnel are monitoring high river levels across Central Lower Michigan. River levels in these areas are rising and/or reaching flood or near-flood stages due to several days of heavy rain combined with previously saturated soil conditions. There is an expectation for flooding in the low-lying areas adjacent to these rivers. Road closures due to flooding have been reported in several counties. The temporary road closure reports included sections of US 131, US 31, and I-94 during the early morning hours on Thursday, April 18. (These road sections have since been reopened.) Motorists are being advised by local and state emergency management officials not to attempt to drive around barricades or to drive through flooded areas. Temporary shelters for residents whose homes have been flooded have been opened in several communities; however, several others have been closed due to low shelter populations.

The National Weather Service reports that rainfall totals from Wednesday, April 17 through Thursday, April 18 ranged from 1-3 inches in most areas in Central and Southern Lower Michigan. A heavier swath of rain fell from the Lake Michigan shore at Holland and Grand Haven east into the Grand Rapids area. In this area (Allegan, Kent, and Ottawa Counties), 4-5 inch rainfall totals were experienced. Moderate to major flooding will continue on larger rivers such as the Grand River, Muskegon River, Tittabawassee River, and Saginaw River. Minor to moderate flooding is expected along areas adjacent to smaller rivers such as the Cass River, Thread Creek, Lower Rouge River, and the Pine River. Smaller creeks and streams will begin to recede today as widespread rainfall has ended and only scattered showers are expected today.

A major threat for Friday, April 19, are strong southwest to west winds expected in the region, ranging from 20-30 miles per hour with gusts of 45-55 miles per hour possible. The high winds combined with the rain-saturated ground will increase the possibility of downed tree limbs or trees. This may cause scattered power outages over the next several days.

Sandbagging operations are either underway or being discussed in several Michigan counties and local communities. The MSP/EMHSD is coordinating with the U.S. Army Corps of Engineers (USACE) to provide sandbags to communities in need. In addition, the USACE has disseminated instructions to local governments on how to properly design and construct a sandbag wall to hold back flood water.

The Michigan State Police (MSP) is conducting an aerial flyover today to assess the scope and magnitude of the flooding in Kent County, Ionia County, Muskegon County, Newaygo County, and Ottawa County. Additional flyovers may be scheduled tomorrow, depending on conditions and need.

A representative from the NWS Grand Rapids office is present in the SEOC to provide updates and forecasts on weather and flood conditions, as requested.

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 **Date/Time:**as of 04/18/2013 17:00:00

Midland County also requested a Governor's emergency or disaster declaration under 1976 PA 390, and specifically requested the following state assistance: "Sandbags for protecting publicly owned facilities and National Guard vehicles capable of driving through standing water to rescue and evacuate residents." This request is currently being reviewed by the MSP/EMHSD.

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

Wind Advisories in Effect for 4/19 for all of the lower peninsula.

Upcoming Farecast

Other

Attachment(s):

General Information

River Conditions

River Conditions

Flood warnings have been issued for the following rivers: the Looking Glass River and the Maple River in Clinton County; the Thornapple River in Barry County and Kent County; the Rogue River in Kent County; the Chippewa River in Isabella County; the Pine River in Gratiot County; the Grand River across Ionia, Kent, and Ottawa Counties; the Red Cedar River in Ingham County; the Flat River in Ionia County; the Kalamazoo River in Allegan County; the Portage River in Kalamazoo County; the Pere Marquette River in Mason County; the White River in Muskegon County; the Muskegon River in Osceola and Newaygo Counties; and the Little Muskegon River in Mecosta 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
TOTALS:	0	0	1	0	0	0	0	0	$10,000

Summary

Agency Summaries

American Red Cross (ARC)

Two Red Cross operated shelters are open in Midland County - one in the City of Midland and the other in Sanford. As of 0800 Friday, April 19, no residents had checked into either shelter. Red Cross volunteers are on standby, awaiting actual need to act.

AuxComm

ARES/RACES standing by until needed.

National Weather Service (NWS)

NWS SEOC representative is coordinating with local forecast offices, local EMCs, and SEOC staff on river forecasts and hazardous weather threats for today. The NWS representative developed a Power Point presentation to provide a quick glance reference at river levels and impacts that occur with the forecast levels for use in SEOC briefings.

State Police (MSP)

The Special Operations Division is assisting at the SEOC. The MIOC has been monitoring the flooding conditions and sent out a situational awareness bulletin on the pending weather and flooding. The MSP Aviation unit has completed aerial damage assessment photographs of Kent, Ionia and Ottawa Counties. A partial assessment of Muskegon and Newaygo Counties has also been completed. This information has been uploaded and sent to the SEOC.