

NWS FORM E-5

U.S. DEPARTMENT OF COMMERCE  
NOAA, NATIONAL WEATHER SERVICE

HSA OFFICE:  
**Grand Rapids, MI**

REPORT FOR (MONTH & YEAR):  
**May 2008**

**MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS**

DATE:  
June 10, 2008

TO: NATIONAL WEATHER SERVICE (W/OS31)  
HYDROMETEOROLOGICAL INFO CENTER  
1325 EAST-WEST HIGHWAY, RM 13468  
SILVER SPRING, MD 20910

SIGNATURE:  
Daniel K. Cobb, MIC  
Mark L. Walton, Service Hydrologist

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (WSOM E-41).

An X inside this box indicates that no significant flooding occurred within this Hydrologic Service Area.

**Summary**

No significant flooding occurred during the month of May in our Hydrologic Service Area (HSA).

**Flood Conditions**

No flooding occurred during the month of May.

**Flood Stage Report**

No rivers exceeded flood stage during the month of May.

**River Conditions**

River levels by the end of May were near to below normal for our HSA.  
The end of the month percentage of normal flow for selected rivers is listed below:

<u>Location</u>	<u>River</u>	<u>% of Normal</u>
Scottville	Pere Marquette	92
Whitehall	White	99
Evert	Muskegon	77
Mt. Pleasant	Chippewa	112
Lansing	Grand	82
Grand Rapids	Grand	77
East Lansing	Red Cedar	56
Hastings	Thornapple	67
Battle Creek	Battle Creek	80
Comstock	Kalamazoo	82

## **General Hydrologic Information**

May of 2008 will most be remembered for being cooler and drier than normal. May precipitation totals at Grand Rapids, Lansing, and Muskegon, Michigan, were 2.13, 1.29, and 1.95 inches, respectively. Precipitation totals for the month at these three sites were 1.22 inches below normal at Grand Rapids, 1.42 inches below normal at Lansing, and 1.00 inch below normal at Muskegon, Michigan. For the year, precipitation totals were above normal at Grand Rapids, Lansing, and Muskegon, Michigan. Yearly precipitation totals were 3.09 inches above normal for Grand Rapids, 0.12 of an inch above normal for Lansing, and 4.91 inches above normal for Muskegon, Michigan. No snowfall was recorded for the month at Grand Rapids, Lansing, and Muskegon.

Temperatures for the month of May were below normal at Grand Rapids, Lansing, and Muskegon, with average monthly departures of -2.6, -2.4 and -3.4 degrees Fahrenheit, respectively.

## **Hydrologic Products issued this month:**

22 Hydrologic Statements (ARBRVSGRR) were issued  
31 Hydrologic Summary's (ARBRVAGRR) were issued  
31 Daily River and Lake Summary's (ABRRVDGRR) were issued