

<b>NWS FORM E-5</b> U.S. DEPARTMENT OF COMMERCE NOAA, NATIONAL WEATHER SERVICE  <b>MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS</b>  TO: NATIONAL WEATHER SERVICE (W/OH12x1) HYDROMETEOROLOGICAL INFO CENTER 1325 EAST-WEST HIGHWAY, RM 7116 SILVER SPRING, MD 20910	HSA OFFICE: <b>Marquette, MI</b>
	REPORT FOR (MONTH / YEAR): <b>May 2015</b>
	DATE: <b>June 12, 2015</b>
	SIGNATURE: <b>Robin J. Turner, MIC</b> <b>Justin Titus, Meteorologist</b>
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).	

**X**

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

**May Flooding**

No flooding was reported to the National Weather Service.

**May Precipitation**

May precipitation was generally near normal over western Upper Michigan, above to well above normal over central Upper Michigan and near to above normal over eastern Upper Michigan. Some locations in the central U.P. observed top 10 record precipitation amounts for the month of May.

Below is a chart of some of the larger cities in the Upper Peninsula, with monthly precipitation in inches, the amount of inches above or below normal for the month and any applicable record high or low rank.

Location	Precipitation	Normal	Above/Below	Rank
WFO Marquette	4.64	3.05	1.59	9 <sup>th</sup>
Marquette City	4.68	2.53	2.15	
Houghton Airport	3.26	2.50	0.76	
Ironwood	3.46	3.13	0.33	
Iron Mountain	5.97	3.04	3.93	6 <sup>th</sup>
Manistique	3.48	2.73	0.75	
Munising	4.72	2.98	1.74	
Newberry	2.64	No Data	No data	

Other monthly precipitation totals from coop observers:

Location	Precipitation (inches)
Ahmeek 1SW	2.80
Amasa (Iron County)	3.98
Atlantic Mine (Houghton County)	3.43
Baraga 7NW (Baraga County)	2.33
Big Bay (Marquette County)	3.78
Chatham (Alger County)	5.60
Clarksburg (Marquette County)	4.38
Cooks (Schoolcraft County)	3.30
Copper Harbor (Keweenaw County)	2.79
Garden Corners (Delta County)	4.83
Gladstone (Delta County)	5.23
Greenland 6N (Ontonagon County)	3.67
Gwinn (Marquette County)	Missing
Harvey (Marquette County)	Missing
Herman (Baraga County)	3.41
Houghton (Houghton County)	Missing
Jacobsville (Houghton County)	3.20
Mohawk (Keweenaw County)	3.44
Menominee (Menominee County)	3.50
Norway (Dickinson County)	7.69
Paulding (Ontonagon County)	2.84
Stambaugh (Iron County)	4.01

### **Drought Discussion**

The May 5, 2015 release of the U.S. Drought Monitor indicated that Abnormally Dry (D0) drought conditions existed over much of western and central Upper Michigan. However, after sufficient rainfall in May, the June 2, 2015 release of the U.S. Drought Monitor indicated that drought conditions did not exist in Upper Michigan. For the latest drought status, please go to <http://www.drought.gov>.

### **May Temperatures**

Below is a table of some of the larger cities in the Upper Peninsula, with average monthly temperature and number of degrees above or below normal for the month, and the rank of an all-time warmest or coldest month, where applicable.

Location	Temperature (degrees)	Above/Below	Rank
WFO Marquette	51.5	0.6	
Marquette City	50.6	-0.4	
Houghton Airport	51.2	1.0	
Ironwood	51.9	0.0	
Iron Mountain	55.1	1.4	
Manistique	48.1	-1.2	
Munising	50.5	0.5	
Newberry	53.0	2.7	

## **May River Levels**

According to the United States Geological Survey, May average streamflow across most of Upper Michigan was near normal (25-75 percentile).

## **May Products Issued**

31 – Hydrologic Summary

7 – Flood Statement

1 – Hydrologic Outlook

CC:

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