

<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>June 2014</b>
	DATE: <b>August 6, 2014</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.

**June Flooding**

No flooding was reported to the National Weather Service.

**June Precipitation**

June precipitation was generally near to well above normal, with the most precipitation observed in higher terrain areas near Lake Superior.

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	Above/Below	Rank
WFO Marquette	5.63	2.79	6 <sup>th</sup>
Marquette City	2.88	0.20	
Houghton Airport	5.12	2.54	
Ironwood	5.52	1.86	
Iron Mountain	3.41	-0.07	
Manistique	3.60	0.65	
Munising	3.20	-0.16	
Newberry	2.18	No Data	
Ontonagon 6SE	4.01	0.98	

Other monthly precipitation totals from coop observers:

Location	Precipitation (inches)
Alberta (Baraga County)	1.12
Amasa (Iron County)	1.80
Atlantic Mine (Houghton County)	3.21
Baraga 7NW (Baraga County)	2.03
Big Bay (Marquette County)	2.08
Chatham (Alger County)	3.85
Clarksburg (Marquette County)	3.81
Cooks (Schoolcraft County)	4.65
Copper Harbor (Keweenaw County)	1.36
Garden Corners (Delta County)	5.47
Gladstone (Delta County)	4.29
Greenland 6N (Ontonagon County)	4.22
Gwinn (Marquette County)	3.16
Harvey (Marquette County)	Missing
Herman (Baraga County)	2.70
Jacobsville (Houghton County)	3.40
Mohawk (Keweenaw County)	4.94
Menominee (Menominee County)	2.60
Norway (Dickinson County)	3.10
Paulding (Ontonagon County)	3.55
Stambaugh (Iron County)	4.39
Watton (Baraga County)	3.64

### **Drought Discussion**

The July 1, 2014 release of the U.S. Drought Monitor continued to indicate no drought conditions across Upper Michigan. For the latest drought status, please go to <http://www.crh.noaa.gov/mqt/?n=drought>.

### **June 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	61.1	0.5	
Marquette City	56.4	-3.5	
Houghton Airport	58.9	-0.4	
Ironwood	62.2	0.9	
Iron Mountain	64.2	0.6	
Manistique	57.8	-1.1	
Munising	57.9	-1.2	
Newberry	62.9	3.1	
Ontonagon 6SE	64.3	2.0	

## **June River Levels**

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

## **June Products Issued**

30 - Hydrologic Summary

1 - Hydrologic Outlook

CC:

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