

<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>September 2016</b>
	DATE: <b>October 9, 2016</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.

**September Flooding**

No flooding was reported to the National Weather Service.

**September Precipitation**

September precipitation was above to well above normal over much of Upper Michigan.

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	5.70	1.98	
Marquette City	5.43	2.27	
Houghton Airport	6.48	3.03	10 <sup>th</sup>
Ironwood	6.54	2.48	9 <sup>th</sup>
Iron Mountain	3.85	0.23	
Manistique	4.76	1.00	
Munising	5.21	1.14	
Newberry	6.62	No Data	

**Drought Discussion**

The September 27, 2016 release of the U.S. Drought Monitor did not indicate drought conditions across Upper Michigan. For the latest drought status, please go to <http://www.drought.gov>.

**September River Levels**

According to the United States Geological Survey, Upper Michigan September average streamflow generally ranged from normal (25-75 percentile) in the Escanaba River Basin to much above normal (>90 percentile) across the Keweenaw and over the eastern half of Upper Michigan..

**September Products Issued**

- 30 – Hydrologic Summary
- 3 – Flood Advisory
- 1 – Hydrologic Outlook