

NWS FORM E-5 U.S. DEPARTMENT OF COMMERCE NOAA, NATIONAL WEATHER SERVICE MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS TO: NATIONAL WEATHER SERVICE (W/OH12x1) HYDROMETEOROLOGICAL INFO CENTER 1325 EAST-WEST HIGHWAY, RM 7116 SILVER SPRING, MD 20910	HSA OFFICE: Marquette, MI
	REPORT FOR (MONTH / YEAR): October 2017
	DATE: November 14, 2017
	SIGNATURE: Robin J. Turner, MIC Justin Titus, Meteorologist
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 no flooding occurred within this Hydrologic Service Area.

October Flooding

Some minor flooding was reported in the Keweenaw Peninsula near Lake Linden on October 27th as the Trap Rock River levels increased.

October Precipitation

In general, October precipitation was well above normal, with top 10 records being set at many locations. The exception was southern Upper Michigan, where precipitation was closer to normal. The majority of the precipitation fell as rain, although decent snowfall amounts were reported near Negaunee and Ironwood.

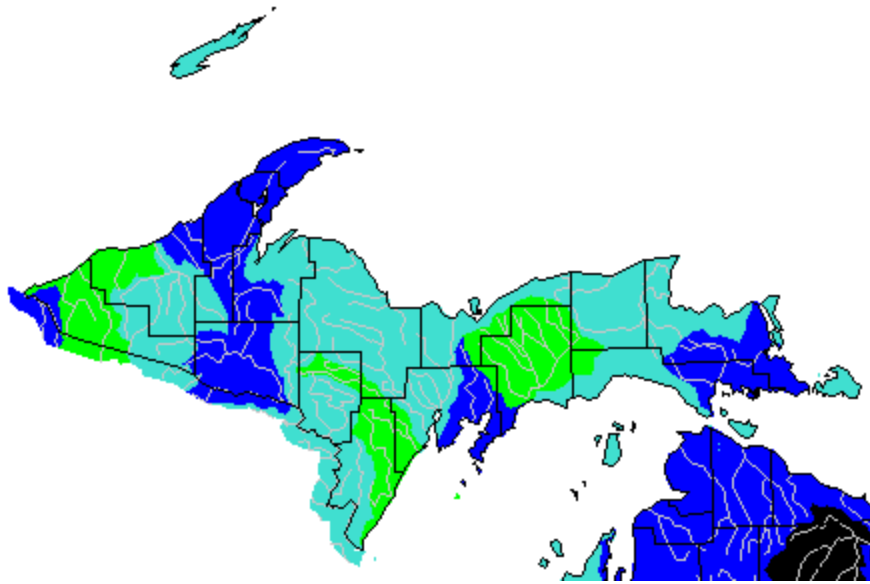
Below is a chart of some of the larger cities in the Upper Peninsula, with monthly precipitation in inches, the amount of inches above or below normal for the month and any applicable record high or low rank.

Location	Precipitation	Above/Below	Rank	Snowfall	Above/Below	Rank
WFO Marquette	8.19	4.35	1 st	8.8	2.8	
Marquette City	6.48	3.35	2 nd	1.8	0.8	
Houghton Airport	5.98	No Data	2 nd	7.8	No Data	
Ironwood	6.33	2.35	5 th	13.1	6.5	
Iron Mountain	2.64	-0.50		0.0	No Data	
Manistique	4.32	0.84		0.0	No Data	
Munising	6.83	4.60	8 th	0.3	-1.1	
Newberry	6.77	No Data	2 nd	Trace	No Data	

Drought Discussion

The October 31, 2017 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>.

October River Levels



Explanation - Percentile classes							
Low	<10	10-24	25-75	76-90	>90	High	No Data
	Much below normal	Below normal	Normal	Above normal	Much above normal		

October Products Issued

- 31 – Hydrologic Summary
- 2 – Flood Advisory
- 1 – Flood Statement
- 1 – Hydrologic Outlook