NWS FORM E-5 U.S. DEPARTMENT OF COMMERCE NOAA, NATIONAL WEATHER SERVICE	HSA OFFICE: **Marquette, MI**
MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS	REPORT FOR (MONTH / YEAR): **February 2018**
TO: NATIONAL WEATHER SERVICE (W/OH12x1) HYDROMETEOROLOGICAL INFO CENTER 1325 EAST-WEST HIGHWAY, RM 7116 SILVER SPRING, MD 20910	DATE: **March 14, 2018**
	SIGNATURE: **Robin J. Turner, MIC** **Keith White, Hydrology Program Manager**

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.

February Flooding

No reports of flooding were received by the National Weather Service (NWS).

February Precipitation

February precipitation was near normal across Upper Michigan, except for near Houghton where it was significantly above normal and near the WFO where it was about 50% below normal.
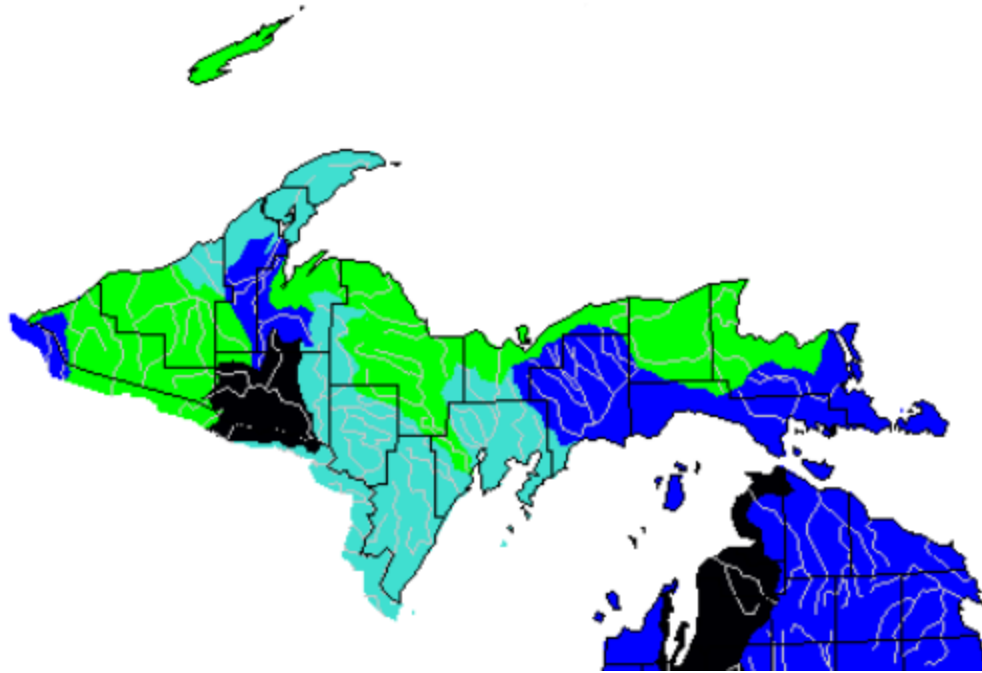
Below is a chart of some of the larger cities in the Upper Peninsula, with monthly precipitation in inches and the amount of inches above or below normal for the month and any applicable record high or low rank..
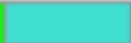
Location	Precipitation	Above/Below	Rank	Snowfall	Above/Below	Rank
WFO Marquette	1.44	-0.70		16.2	-19.7	
Marquette City	1.41	+0.10		13.8	-6.9	
Houghton Airport	2.78	+1.41		38.6	+7.6	
Ironwood	1.42	+0.15		18.9	-9.7	
Iron Mountain	1.25	+0.25		11.3	+2.6	
Manistique	1.91	+0.77		10.5	-4.4	
Munising	2.35	+0.34		19.7	+3.2	
Newberry	1.38	-0.48		14.5	-9.2	

Drought Discussion

The March 8, 2018 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.

February 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		

February Products Issued

28 – Hydrologic Summary
2 – Hydrologic Outlook