

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): January 2014
	DATE: May 11, 2014
	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).	

X

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

January Flooding

No flooding was reported to the National Weather Service.

January Precipitation

Generally, January precipitation was near or above normal in all areas except for north central Upper Michigan, where precipitation amounts were below normal.

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	2.18	-0.23		39.2	-4.0	
Marquette City	1.91	0.08		30.0	0.5	
Houghton Airport	No Data			No Data		
Ironwood	1.87	-0.06		37.3	-6.9	
Iron Mountain	1.46	0.23		20.6	6.9	
Manistique	1.32	0.25		18.0	No Data	
Munising	3.82	0.55		56.0	12.7	
Newberry	3.30	No Data		59.6	No Data	
Ontonagon 6SE	3.20	0.35		60.5	7.1	

Other monthly precipitation totals from coop observers:

Location	Precipitation (inches)	Snowfall (inches)
Alberta (Baraga County)	2.81	M
Amasa (Iron County)	1.45	22.0
Atlantic Mine (Houghton County)	2.76	72.0
Baraga 7NW (Baraga County)	1.39	25.8
Big Bay (Marquette County)	2.11	34.1
Chatham (Alger County)	2.40	45.2
Clarksburg (Marquette County)	2.02	31.1
Cooks (Schoolcraft County)	1.94	24.8
Copper Harbor (Keweenaw County)	M	M
Garden Corners (Delta County)	1.83	24.2
Gladstone (Delta County)	1.91	23.9
Greenland 6N (Ontonagon County)	3.30	57.5
Gwinn (Marquette County)	1.53	23.8
Harvey (Marquette County)	2.15	26.3
Herman (Baraga County)	2.33	62.5
Jacobsville (Houghton County)	2.91	38.4
Mohawk (Keweenaw County)	2.71	47.0
Menominee (Menominee County)	1.54	19.3
Norway (Dickinson County)	1.62	23.1
Paulding (Ontonagon County)	M	M
Stambaugh (Iron County)	1.04	13.0
Watton (Baraga County)	2.18	37.1

Drought Discussion

The January 28, 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>.

January 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	5.8	-7.8	6 th
Marquette City	Missing		
Houghton Airport	7.8	-7.7	
Ironwood	2.5	-9.1	8 th
Iron Mountain	4.4	-9.3	3 rd
Manistique	10.4	-7.2	4 th
Munising	9.7	-8.2	10 th
Newberry	9.6	No Data	
Ontonagon 6SE	8.9	-7.9	4 th

January River Levels

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

January Products Issued

31 Hydrologic Summary (ARBRVAMQT)

1 Hydrologic Outlook (ARBESFMQT)

CC:

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