

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): March 2015
	DATE: April 19, 2015
	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.

March Flooding

No flooding was reported to the National Weather Service.

March Precipitation

March precipitation was well 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	Snow	Above/Below	Rank
WFO Marquette	1.26	-1.77		11.3	-23.6	
Marquette City	0.86	-1.14		4.7	-17.0	
Houghton Airport	No Data			No Data		
Ironwood	1.23	-0.75		11.8	-13.1	
Iron Mountain	0.63	-1.02		5.1	-5.5	
Manistique	0.89	-0.90		7.0	No Data	
Munising	1.26	-0.83		11.9	-6.9	
Newberry	1.22	No Data		7.9	No Data	

Other monthly precipitation totals from coop observers:

Location	Precipitation (inches)	Snow (Inches)
Ahmeek 1SW	0.81	7.5
Alberta (Baraga County)	1.24	14.4
Amasa (Iron County)	1.07	7.4
Atlantic Mine (Houghton County)	1.48	18.0
Baraga 7NW (Baraga County)	1.10	8.4
Big Bay (Marquette County)	1.29	9.6
Chatham (Alger County)	1.12	11.3
Clarksburg (Marquette County)	1.38	13.7
Cooks (Schoolcraft County)	1.37	6.3
Copper Harbor (Keweenaw County)	Missing	Missing
Garden Corners (Delta County)	1.15	6.4
Gladstone (Delta County)	1.27	6.0
Greenland 6N (Ontonagon County)	1.44	12.5
Gwinn (Marquette County)	Missing	Missing
Harvey (Marquette County)	0.53	4.3
Herman (Baraga County)	1.97	24.4
Houghton (Houghton County)	1.30	11.3
Jacobsville (Houghton County)	0.97	7.8
Mohawk (Keweenaw County)	Missing	Missing
Menominee (Menominee County)	Missing	Missing
Norway (Dickinson County)	0.95	5.3
Paulding (Ontonagon County)	Missing	Missing
Stambaugh (Iron County)	0.87	6.7

Drought Discussion

The March 31, 2015 release of the U.S. Drought Monitor indicated that Abnormally Dry (D0) drought conditions existed for locations along the Wisconsin Border. For the latest drought status, please go to <http://www.drought.gov/drought/>.

March 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	24.5	0.3	
Marquette City	27.0	-2.0	
Houghton Airport	24.7	-0.5	
Ironwood	25.9	0.8	
Iron Mountain	27.3	-0.6	
Manistique	23.9	-3.2	
Munising	24.2	-3.5	
Newberry	21.2	-3.7	

March River Levels

According to the United States Geological Survey, March average streamflow across most of Upper Michigan was normal (25-75 percentile) to above normal (76-90 percentile).

March Products Issued

31 - Hydrologic Summary

1 - Hydrologic Outlook

CC:
Robin J. Turner - WFO MQT MIC
Justin Titus – WFO MQT HPM