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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:   |  |
|---------------|--|
| Marguette, MI |  |

REPORT FOR (MONTH/YEAR):

May 2017

DATE: **June 6, 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.

### **May Flooding**

No significant flooding was reported to the National Weather Service. A couple rivers did reach bankfull stage, but there were no significant impacts.

### **May Precipitation**

Upper Michigan generally saw near to well above normal rainfall in May.

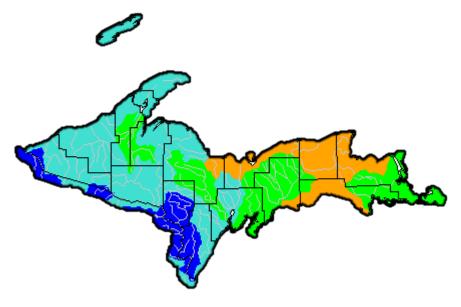
Below is a chart of some of the larger cities in the Upper Peninsula, with monthly precipitation in inches, the amount of inches above or below normal for the month and any applicable record high or low rank.

| Location         | Precipitation | Above/Below | Rank            | Snowfall | Above/Below | Rank |
|------------------|---------------|-------------|-----------------|----------|-------------|------|
| WFO Marquette    | 3.02          | -0.03       |                 | 0.9      | -0.6        |      |
| Marquette City   | 3.92          | 1.39        |                 | 0.0      | -0.6        |      |
| Houghton Airport | 4.00          | 1.50        |                 | 0.3      | No Data     |      |
| Ironwood         | 5.88          | 2.75        |                 | 1.0      | -0.9        |      |
| Iron Mountain    | 5.90          | 2.86        | 7 <sup>th</sup> | 0.0      | -0.7        |      |
| Manistique       | 2.63          | -0.10       |                 | 0.0      | No Data     |      |
| Munising         | 4.24          | 1.26        |                 | 0.0      | -0.3        |      |
| Newberry         | 2.75          | No Data     |                 | 0.0      | No Data     |      |

#### **Drought Discussion**

The May 30, 2017 release of the U.S. Drought Monitor did not indicate drought conditions across Upper Michigan. For the latest drought status, please go to <a href="http://www.drought.gov">http://www.drought.gov</a>.

# **May River Levels**



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

# **May Products Issued**

- 31 Hydrologic Summary 4 Flood Statement
- 4 Flood Watch
- 1 Hydrologic Outlook