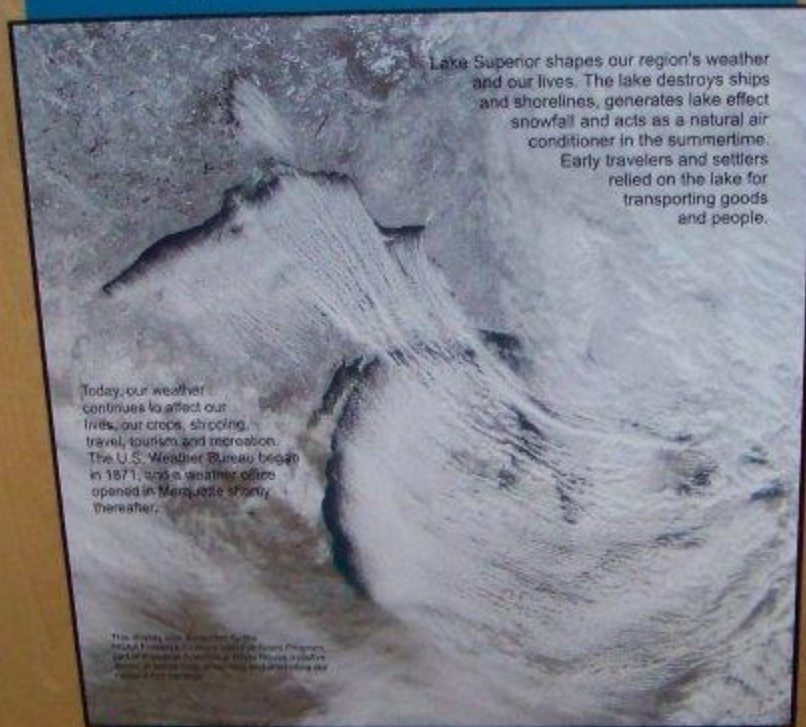


# The Lake Effect: Past, Present and Future

Explore the lake effect at the computer station.



Lake Superior shapes our region's weather and our lives. The lake destroys ships and shorelines, generates lake effect snowfall and acts as a natural air conditioner in the summertime.

Early travelers and settlers relied on the lake for transporting goods and people.

Today, our weather continues to affect our lives, our crops, shopping, travel, tourism and recreation. The U.S. Weather Bureau began in 1871, and a weather office opened in Marquette shortly thereafter.

This display was developed for the  
Michigan Transportation Commission by the Great Lakes  
Lakeshore Development Authority. Photo courtesy of  
Michigan State University. All rights reserved.

08/24/2011

This display was supported by the NOAA Preserve America Initiative Grant Program, part of Preserve America, a White House initiative aimed at preserving, protecting and promoting our nation's rich heritage.

08/24/2011

First Footprints

## The Lake Effect: Past, Present and Future

Explore the lake effect at the computer station

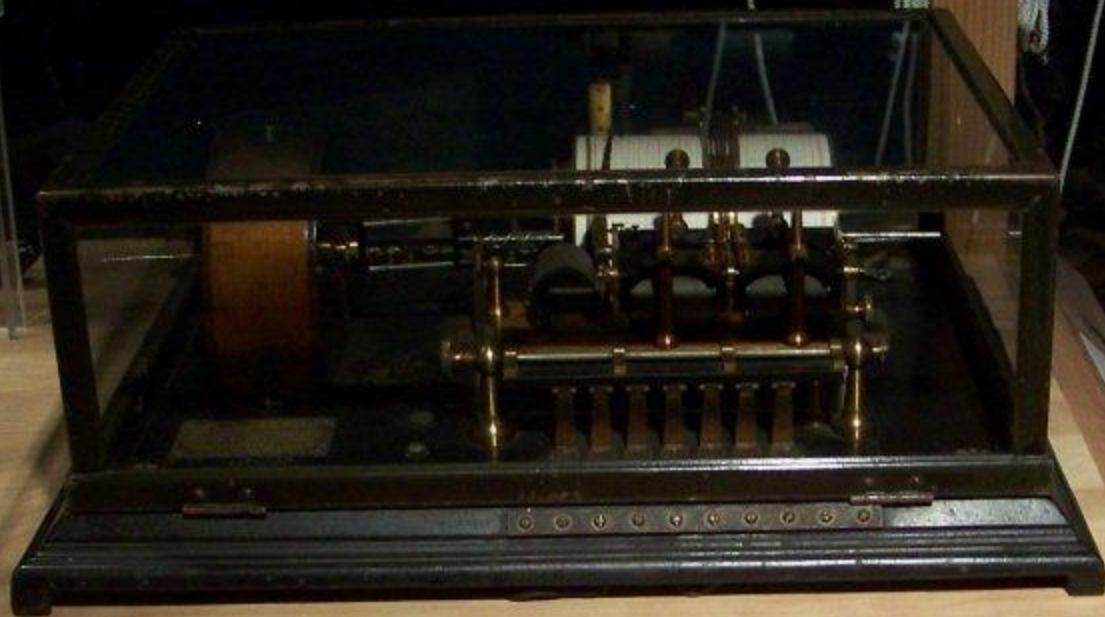


08/24/2011

## Triple Register

Used by the National Weather Service in Marquette, this triple register recording device graphs wind speed, direction and rainfall. Ca. 1893.

08/24/2011



#### Triple Register

Used by the National Weather Service in Marquette, this triple register recording device graphs wind speed, direction and rainfall. Ca. 1893.

discus buoy located about 60 (45001). The buoy is about . Check the computer station data.

08/24/2011

Folklore Sayings:  
Guess if true or false.  
Pick up the puzzle piece for the answer.

Weather Folk Lore  
Most animals are sensitive to environmental changes that humans can't detect. For example, people have observed that before it rained, ants moved to higher ground, cows lay down, pine cones opened up, frogs croaked more frequently and sheep's wool uncurled.



"Halo around the sun or moon, rain or snow soon."



"With the coming storm your aching corns prelude and aches throb, your hollow tooth will rage."



"Lightening sours milk."



"When ladybugs swarm, expect a warm."



"Near the surface, quick to bite, catch your fish when rain's in sight."



"A wider brown stripe than normal on the woolly bear caterpillar means a mild winter is coming."

08/24/2011



**Autumn's Beauty**  
Autumn is a time of year when the weather is just what you need. The leaves are changing, and the air is crisp. It's a beautiful time to enjoy the outdoors.

**Autumn's Beauty**  
Autumn is a time of year when the weather is just what you need. The leaves are changing, and the air is crisp. It's a beautiful time to enjoy the outdoors.



08/24/2011



45001



08/24/2011



EXIT

1787-1841

THE FIRST SALMON FISHERY  
WAS ESTABLISHED IN 1787  
BY THE BRITISH GOVERNMENT  
AS A MEANS OF PROVIDING  
A SOURCE OF PROTEIN FOR  
THE SOUTHERN ISLANDS.

1842

THE FIRST SALMON FISHERY  
WAS ESTABLISHED IN 1842  
BY THE BRITISH GOVERNMENT  
AS A MEANS OF PROVIDING  
A SOURCE OF PROTEIN FOR  
THE SOUTHERN ISLANDS.



08/24/2011