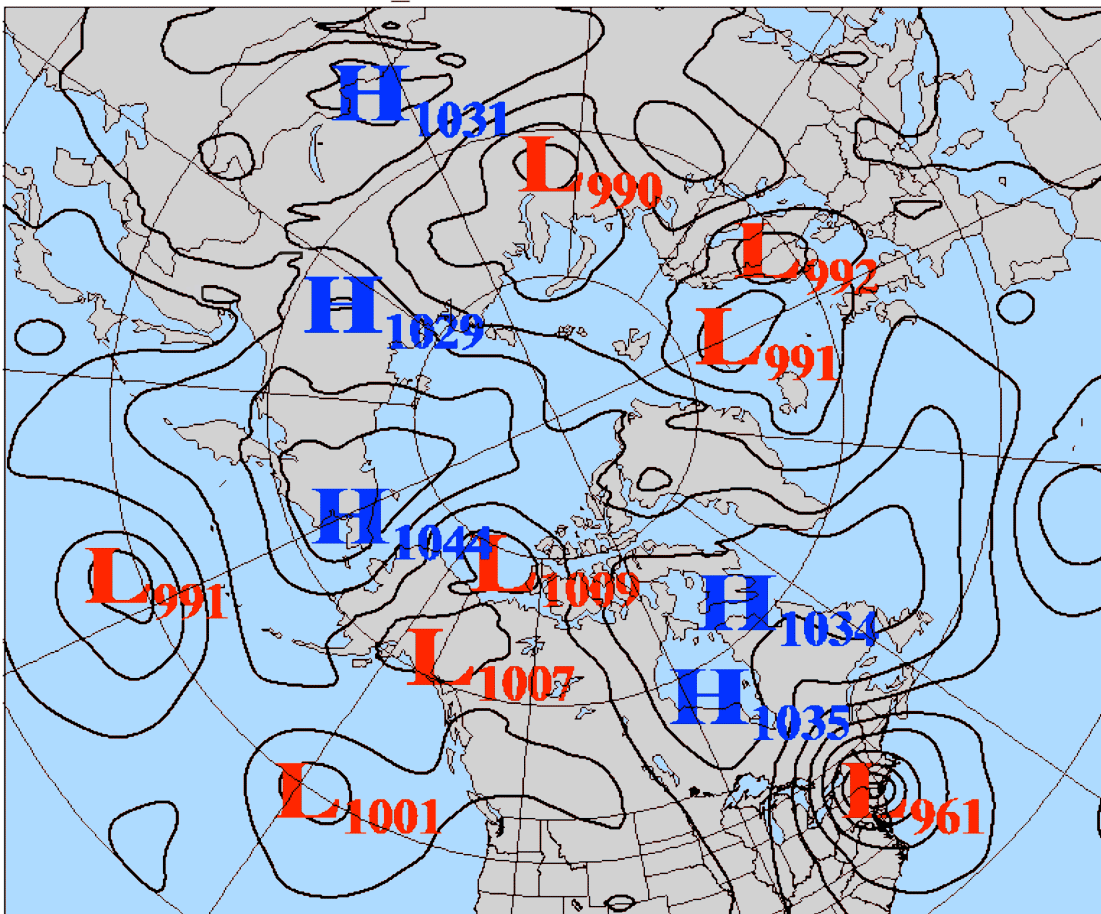


**Worksheet 3**

## Air pressure at Sea Level

**SEA LEVEL PRESSURE**

Forecast Valid for: 2012-10-30 00:00:00 UTC



Forecast initialized at: 2012-10-30 00:00:00 UTC  
 Created by the PMG at the BPRC of The Ohio State University

Become familiar with air pressure systems and *isobars* (lines of equal air pressure).

a) What units are being used on the maps? \_\_\_\_\_

See: <http://www.theweatherprediction.com/habyhints2/410/>

b) What is the “lowest low” and the “highest high” on this graphic?

The highest was: H = \_\_\_\_\_ & the lowest was: L = \_\_\_\_\_

c) What is the difference in pressure between isobars on the map? \_\_\_\_\_

d) Explain why isobars cannot cross each other.

More maps are available from: <http://polarmet.osu.edu/PFP/images/>