**Atmosphere Movement and Air Mass Review Sheet**

Use the notes package and activity 15.2 and 15.3 to help you study.

**Vocabulary**

Be able to define and understand the following terms:

|  |  |  |
| --- | --- | --- |
| Air Pressure | Humidity  | Pressure Gradient  |
| High Pressure System | Low Pressure System  | Isobar |
| Coriolis Effect  | Cyclone | Anti-Cyclone |
| Air Mass | Weather Front  | Mid Latitude Cyclone |
| Jet Stream |  |  |

**You should be able to:**

* Understand the two factors that affect air pressure
* Describe high and low pressure systems and how they are formed.
* Locate high and low pressure systems on a map
* Understand what a pressure gradient is and its effect on wind, high and low pressure systems
* Identify the three factors that affect wind and describe their effect
* Explain factors that affect seasonal fluctuations in temperatures
* Describe the 4 different types of breezes
* Identify an air mass based on its abbreviation. Provide the air mass abbreviation based on its location on a map
* Describe what a weather front is and where they occur
* Describe the 4 different kinds of weather fronts and the weather they produce
* Identify weather fronts on a map based on their symbols
* Describe what a mid-latitude cyclone is and how it is formed
* Describe weather patterns associated with mid-latitude cyclones
* Identify which direction the jet stream flows and how it effects high and low pressure systems