***Chapter 2 Study Guide***

There are 30 multiple choice questions on the test. Use your notes to complete this sheet.

*Define the following terms:*

* Air Pressure
* Humidity
* Relative Humidity
* Dew Point
* Saturation
* Weather
* Condensation
* Evaporation
* Fog
* Wind
* Barometer
* Cumulus
* Cirrus
* Stratus
* Cumulonimbus

*Answer the following questions:*

* What causes wind?
* How is wind created? What happens to warm and cold air and in what direction does it flow?
* What happens to air pressure as altitude increases?
* Why is the air at sea level more dense than air at higher altitudes?
* What causes air pressure?
* What is the Coriolis Effect?
* How does the Coriolis Effect influence global winds?
* When does air become saturated?
* How does precipitation form?
* What is the relative humidity of saturated air?
* Explain what happens to create sea breezes and land breezes.
* What are the two calm regions? Are they areas of high or low pressure?
* What are the three wind belts? **FROM** which direction do they flow?
* What weather do the doldrums cause? The westerlies? The jet stream?

*Define, then diagram and label on the globe below, including arrows in the correct direction:*

* Horse latitudes
* Doldrums
* Trade winds
* Easterlies
* Westerlies

