

Mrs. Whittaker: Advanced Earth Science

Unit 3: Reading and Note Guide

Chapter 12

Assignment 3

Key Terms You Should See:

Climatology

Windward

Leeward

Koepfen Classification System

Heat Island

El Nino

Maunder Minimum

Read pgs. 358 - 374

20. In an attempt to simplify our studying here, focus on just three major climate types (Polar, Temperature, and Tropical). List the approximate location and major characteristics of each (temperature, moisture levels, angle of sunlight, etc...)

21. Explain how each of the following effect the climate:

Latitude -

Topographical Effects:

Leeward

Windward

Heat Islands

22. Natural Climate Changes – Give a 1 – 2 sentence description for each of the following and their influence on climate.

Ice Ages

El Nino

Solar Activity

Earth's Orbit

Earth's Wobble

Volcanic Activity