Meteorology Quiz Honors Topics

Reason For Seasons - 2 reasons

Reason for difference in temperature for different seasons

Climate Controls - 7 natural / 1 man-made

Effect of large body of water on temps.

Albedo - absorption of radiation

Angle of Sun - calculation for different latitudes at solstices / equinox

Methods of Heat Transfer - conduction, convection, radiation

Climate vs. weather - short term vs. long term

Relative Humidity - calculate RH

RH = (content / capacity ) x 100

Affect of heating / cooling air on RH

Way to get rain - RISING = Rain **why?**

Ways to get air to rise (in Colorado)

Cause of Wind - pressure differences caused by temp. diff.

Direction of Wind - High to low pressure

Low pressure = rising air = rain

Prevailing winds - cause of alternating wet and dry areas on Earth

Calculate temperatures - F - C - K

ELR DAR - calculate temperatures at different altitudes / what elevation do clouds form at?