

Tuesday, May 26th

- Checking in & Discussing H121
- Revisiting Card Sort (H109)
- **HW:**
 - Lesson 6 Reflection due Thursday, May 28th at 8am. Corrections, too, if needed.
 - Wind Map Reflection tomorrow
 - Summative on Thursday (Lesson 13)

Wind Map Reflection

- Same questions, different pictures.
- If you earned a 5/5, you won't take it.
- Find your own resources for this if you need to study. Lots of information online!

WnC Summative

- In-class only.
- No corrections. Yes resources (conceptual)
- 4 parts: predict, observe, explain, extend.
- Visual demonstration in which you must predict what will occur, observe what occurs, explain what occurs, and extend it to what would happen if we changed one variable.

Checking in 121

- While I check this in, go to the Weather Underground map and customize it to show:
 - Temperature
 - Chance of Precipitation
 - Humidity
 - Pressure
 - Wind Speed

Checking In 121

- Using the charts answer the following questions:
 - Which variable(s) is/are correlated/connected to wind speed? How?
 - Which variable(s) is/are helpful in predicting the chance of precipitation? How?
 - What other variables appear to be correlated? How?

Analyzing Weather Data (H121)

- **Any large changes in temperature, pressure, or humidity? What caused them?**
 - Decrease in temperature -> cold air mass from the north; increase -> warm air masses from the south
 - Pressure changes -> due to cold/warm air masses
 - Humidity -> due to temperature and amount of water in the air

Analyzing Weather Data (H121)

- **Any relationships in the graph?**
 - Pressure is inverse to temperature: pressure increases as temperature decreases.
 - Humidity is inverse to temperature: humidity increases as temperature decreases.

Analyzing Weather Data (H121)

- **How are other variables connected?**
 - Cloud cover occurred on days when the pressure decreases.
 - Not enough data on rainfall to make a connection.

Other Questions

- **Wind speed and?**
 - Pressure. Inverse connection.
- **Predicting precipitation?**
 - Decreases in temperature and pressure can indicate cloudy, precipitous weather.

Revisiting Handout 109

- Card sorting, part 2
- Choose one of your original sorts and re-create it with your group.
- Look for new connections between terms and create a new sort with your group.
 - Try to focus on variables we have studied in class.