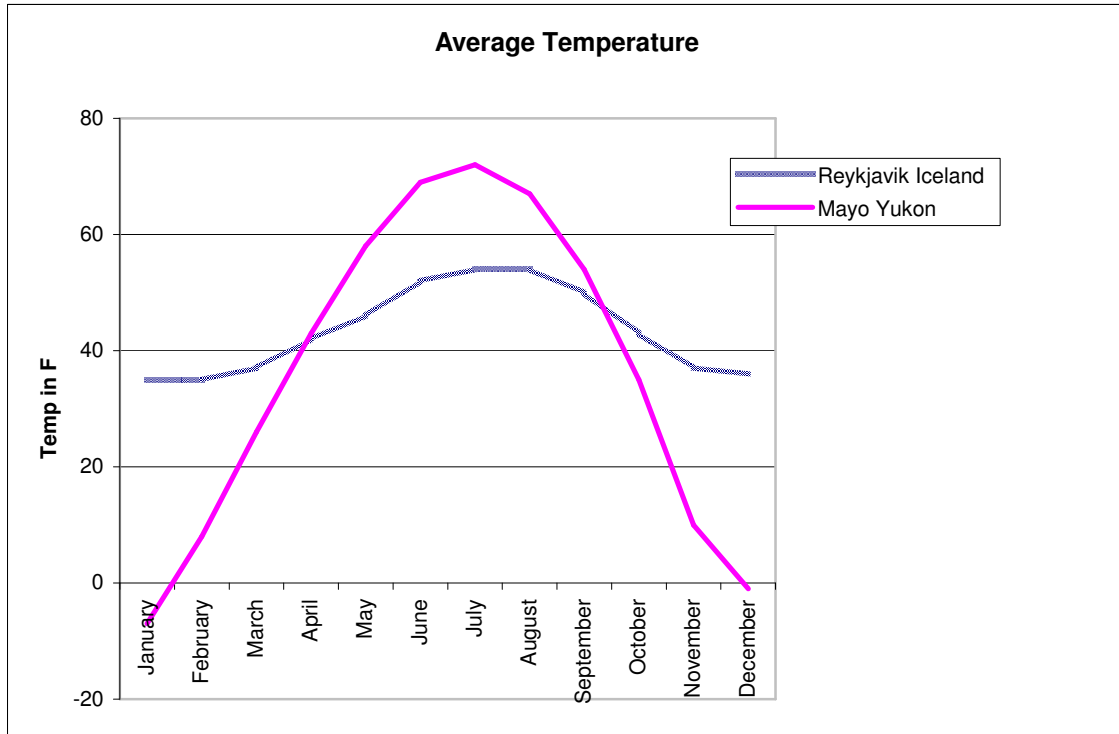


Warm Earth Lab

Observation:

Look at the yearly temperature graph of both Reykjavik Iceland and Mayo Yukon below.



But...Reykjavik and Mayo lie on the same Latitude.



On the next page write your hypothesis as to why the temperatures are so different.

Hypothesis:

Experiment

Materials

Thermometer
 Trays
 Sand
 Light Stand

Light
 Soil
 Water
 Stop watch or clock

Method:

- 1) Arrange a light of three trays so that the light is evenly shared between them all.
- 2) Make sure the light is now turned off.
- 3) Place soil, water and sand into each of the three trays until they are about 2/3 full.
- 4) Measure and record the temperature of each tray.
- 5) Turn on the light and record the starting time.
- 6) About every 2 minutes measure and record the temperature of each tray.
- 7) After 30 minutes turn off the light
- 8) Continue every 2 minutes measure and record the temperature of each tray.

Data

On the next two pages....

Conclusion:

