

Topic: Atmospheric Variables

Aim:

recall

notes

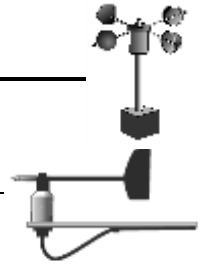
1. What causes wind to blow?

2. How is wind measured?

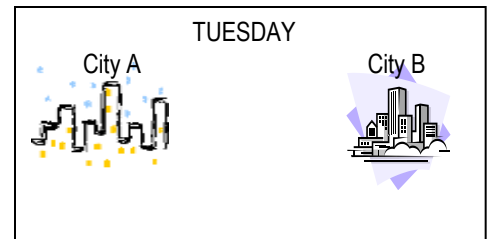
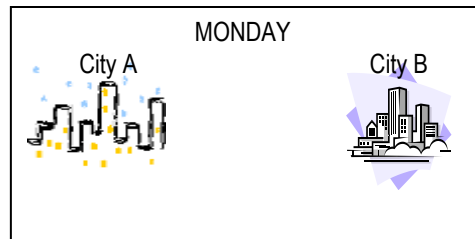
a. anemometer – wind speed

b. wind vane - direction

wind is named by the direction it comes from



3. How does the Pressure Gradient Force affect wind?



a. The Pressure Gradient Force (PGF) is the difference in air pressure between two locations.

b.

4. How do isobars
(lines that connect equal pressure)
help indicate wind speed?

On an weather map, the closer the isobars, the greater the PGF, the faster the winds.