

1. Define Planetary Wind.

Global Wind, Prevailing Wind. large scale flow from continent to continent

2. Which Planetary wind affects the direction of the weather system in the U.S.?

Sw. wind NE It pushes our weather from SW to NE

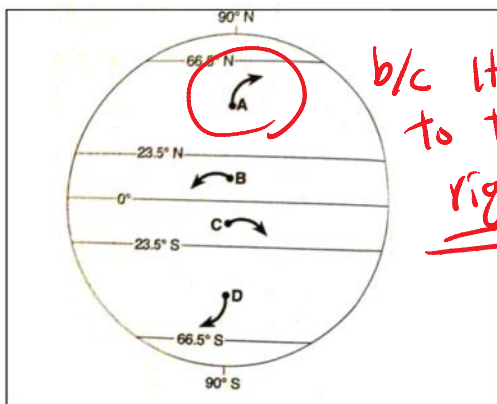
3. At what latitude do most of the hurricanes start to shift or turn in compass direction?

30° N start to shift towards NE

4. This curvature of the wind pattern due to Earth's rotation is called

Coriolis effect / Force
only affect direction

Example Problem from regents exam (2012): The arrows in the left diagram below show changes in the direction of surface winds at four lettered locations, A, B, C and D on Earth. The arrows at which location correctly shows a deflection of the wind that could be due to the Coriolis effect? Explain



b/c it curves to the right

