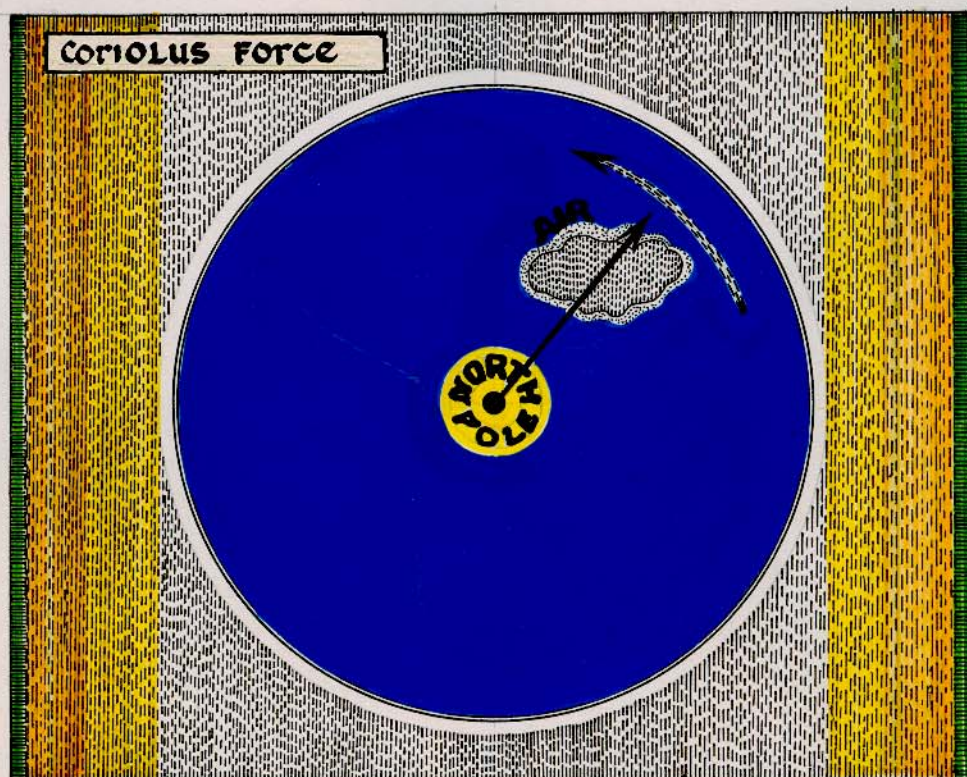


The sky with blue background is a stage for many phenomena. First of all, we see clouds that are water drops or ice crystals. These are the fuel tanks that supply the energy for the circulation and storms. In the general circulation of the the which is a mechanical mixture of nitrogen and oxygen, there is a large percent of water as vapor, liquid or ice. In changing from one form to another, water holds a lot of calories or heat. When an ice cube melts, it takes in eighty calories of heat from your soda pop to cool it, When a tea kettle begins to boil, water each gram, going into steam or vapor, requires six hundred calories of heat which it holds, until it goes back into liquid.

A planet without water lacks the real fuel to make the air it has circulate. On earth the air at the poles get less sunshine than that at the equator. At that, the cold air flows along the surface from the poles to the equator and from equator, the warm air flows at high altitudes back to the poles.

If the earth starts rotating as earth does, the air flows over the rotating earth. This results in winds going eastward on their way from the pole. This effect is called "coriolus force", although it is not a force, but due to a change in reference.



Air flowing south appears to turn to right on rotating earth.