

Air, water and weather

Q. Does water evaporate faster in windy conditions? Why or why not?
yes, water evaporates faster in windy conditions ~~bec~~ because the speed at which the wind affects the rate at which the water evaporates. As the wind blows, it sweeps away airborne water particles that are in the air. The humidity of the air in the region of this evaporation is reduced which allows more water molecules to dissipate into air. Wind can also change the vapor pressure by moving air rapidly, thereby causing it to expand. This process creates room for extra water ~~to~~ vapor and evaporation will continue to occur while the wind is blowing.