

Do all liquids evaporate at the same rate?

Liquid becomes gas at a temperature below its boiling point (example: sweat)

Sweating is a cooling process.

- Sweat is moisture coming out of your pores trying to cool you off.

What are some conditions (variables) that you can investigate with regard to your bold question?

- Depending on the thickness of the liquid would the evaporation process change?

Why do water bottles “sweat”?

- Condensation - Water molecules slow down and get closer together creating a liquid.

What is wind?

- The noticeable natural movement of the air, especially in the form of a current of air blowing from a particular direction.
 - Wind is caused by differences in air pressure within our atmosphere.
 - Air under high pressure moves toward areas of low pressure. The greater the difference in pressure, the faster the air flows.
- What about a tornado?
 - A mobile, destructive vortex of violently rotating winds having the appearance of a funnel-shaped cloud and advancing beneath a large storm system.
 - How does a tornado form?
 - Rising air within the updraft tilts the rotating air from horizontal to vertical. An area of rotation, 2-6 miles wide, now extends through much of the storm. Most strong and violent tornadoes form within this area of strong rotation.
- What is in air?
 - [Nitrogen, oxygen], carbon dioxide, argon, water
 - Partial pressures

Tires and friction

What makes snow tires different?

Does Whitening Toothpaste Work? And how?