

What is Wind?

Ms. Larsh

Quick Review

What Comprises Earth's Atmosphere?

A combination of gases

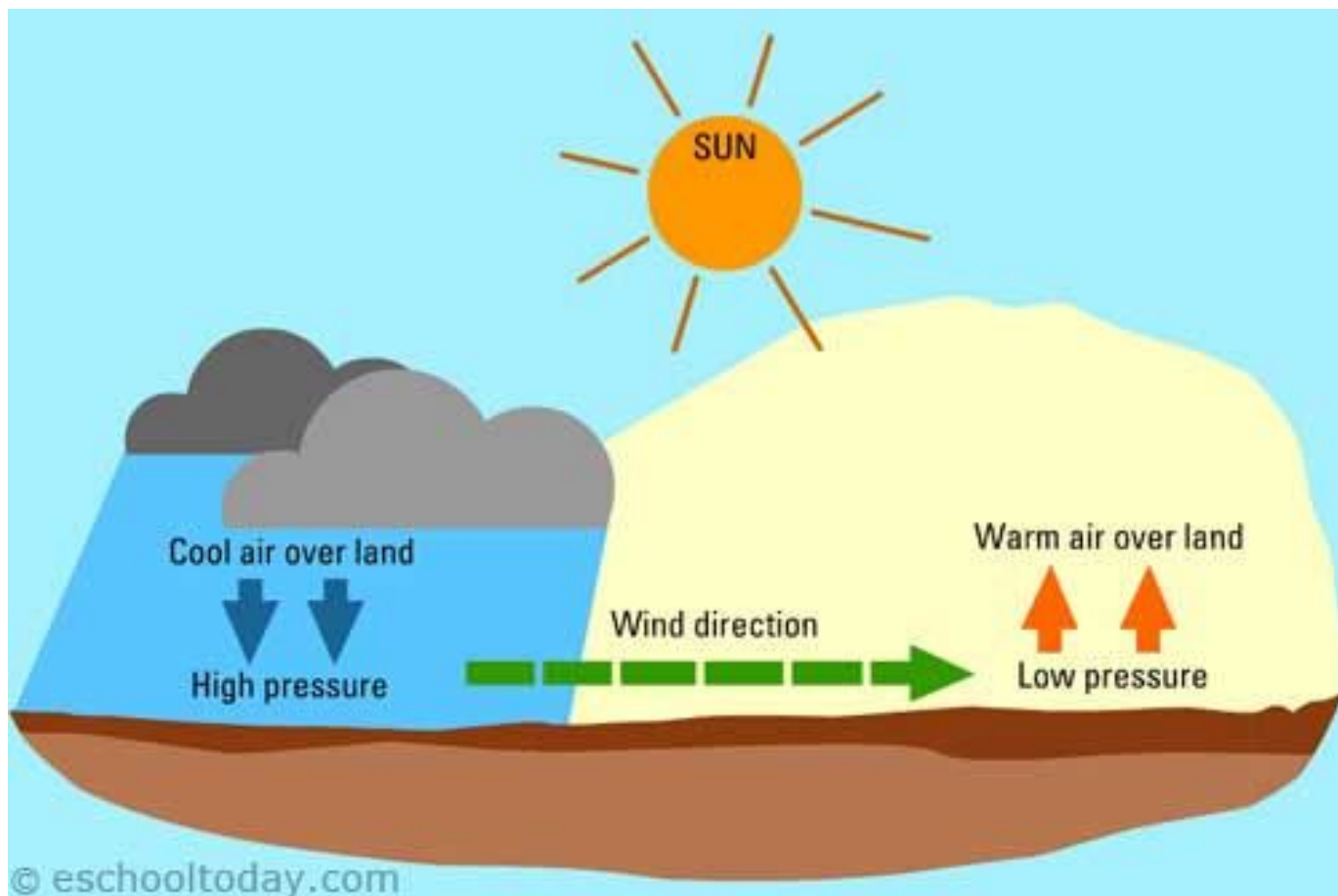
(78% nitrogen, 21% oxygen, & 1% everything else)

& particles

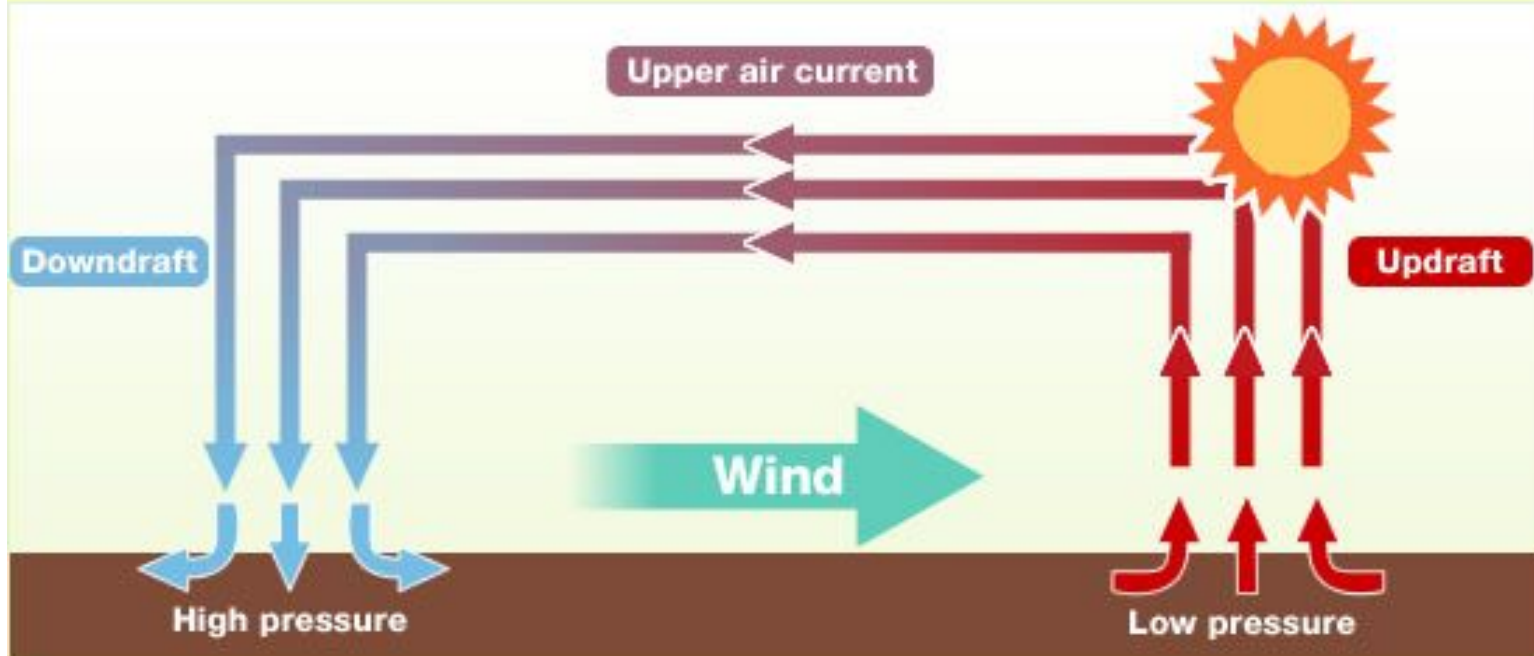
(dust, water droplets & ice crystals)

What is Wind?

Wind is the movement of air from an area of high pressure to an area of low pressure



Wind mechanisms



air over land heats up and rises, creating an area of low pressure

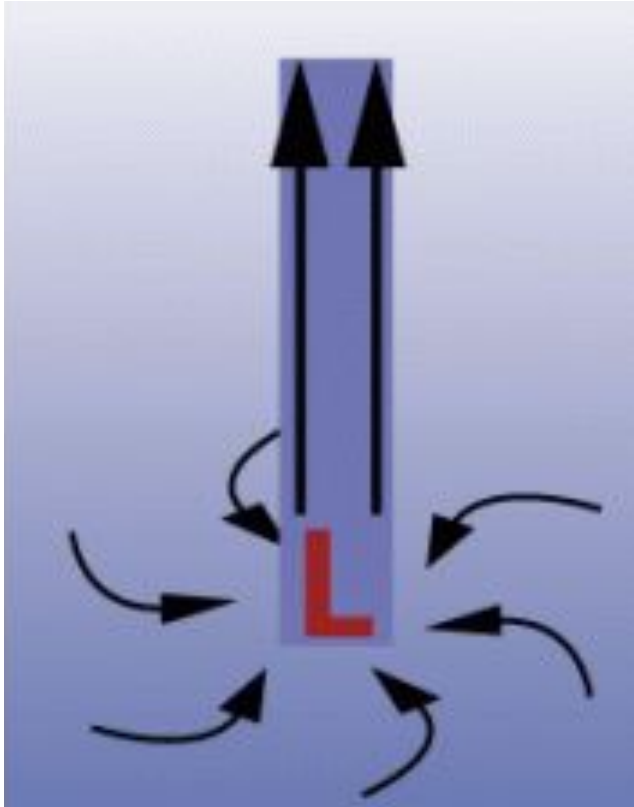


air over water remains cooler due to ocean's heat capacity

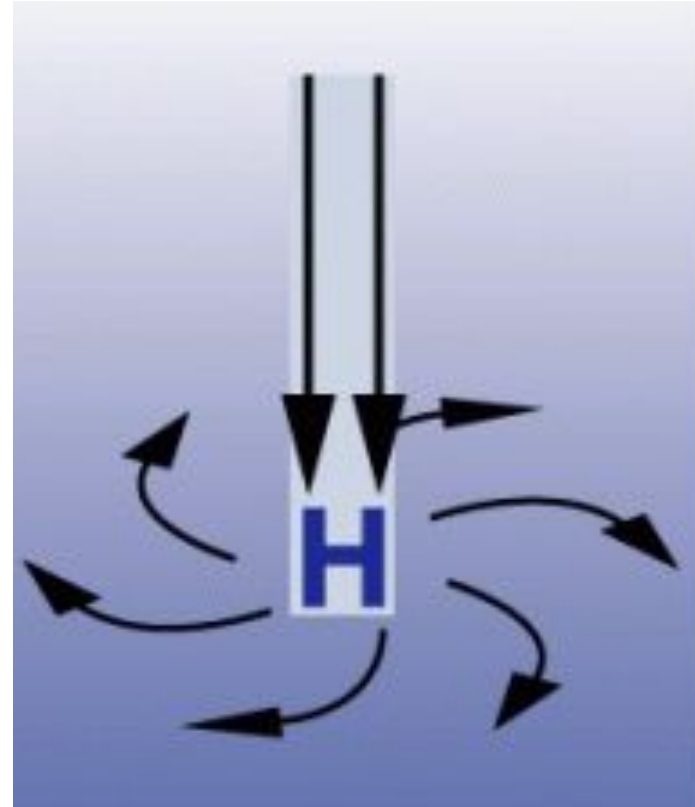
air moves from high pressure to low pressure, creating wind



Warm Air Rises

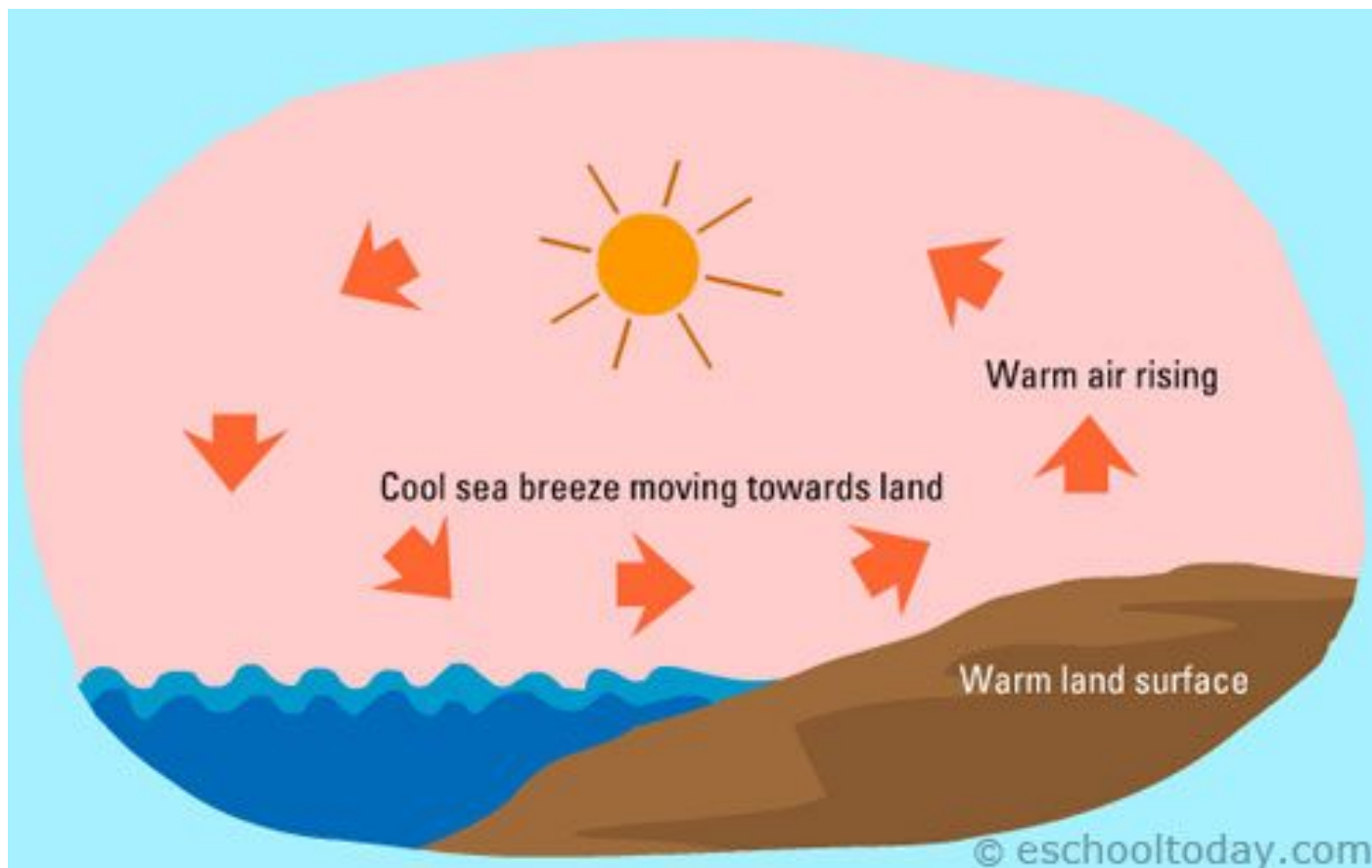


Cold Air Sinks



What is a Sea Breeze?

A sea breeze is wind blowing toward the land from the sea, especially during the day owing to the relative warmth of the land



What is a Land Breeze?

A Land breeze is wind blowing toward the sea from the land, especially at night, owing to the relative warmth of the sea

