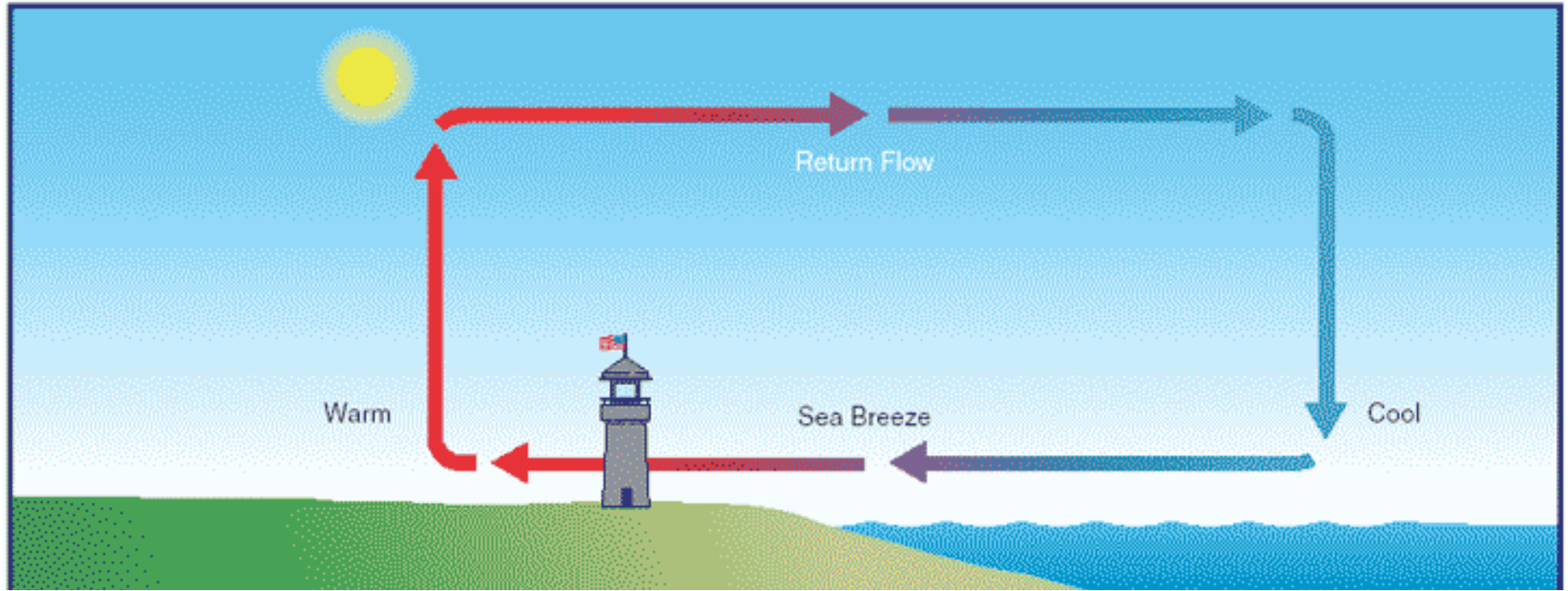
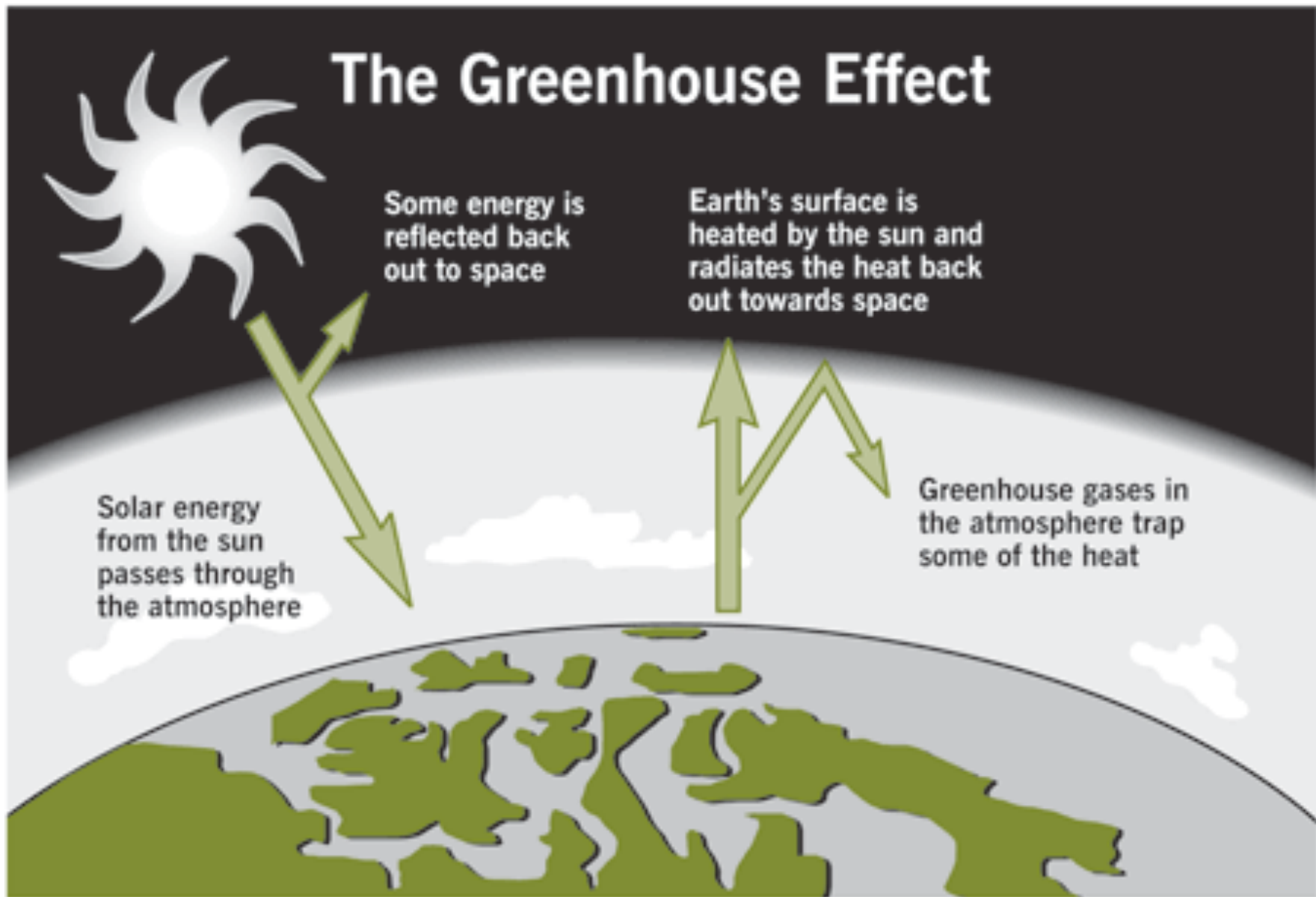


The atmosphere is an invisible blanket of air that surrounds Earth. It is made of gases, liquids, and some solids. There are four main layers, but the Troposphere is where weather happens.



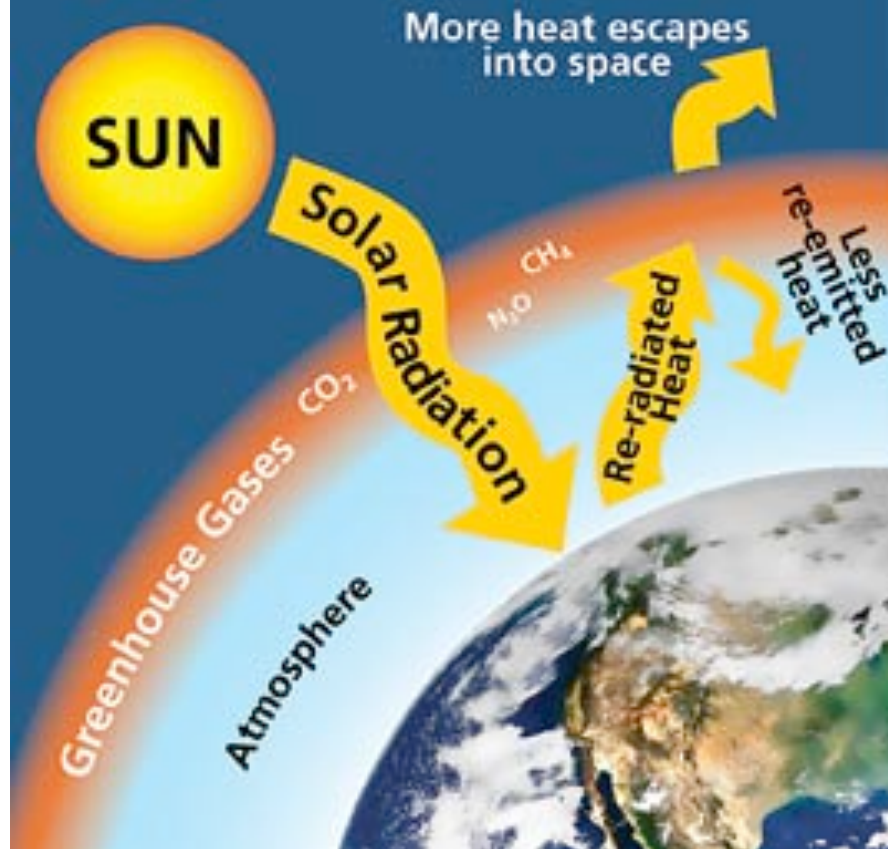
Sea Breeze

During the day warm air over the land rises. Cooler air over water moves toward land and takes the place of the warmer air that has risen. This creates a sea breeze.

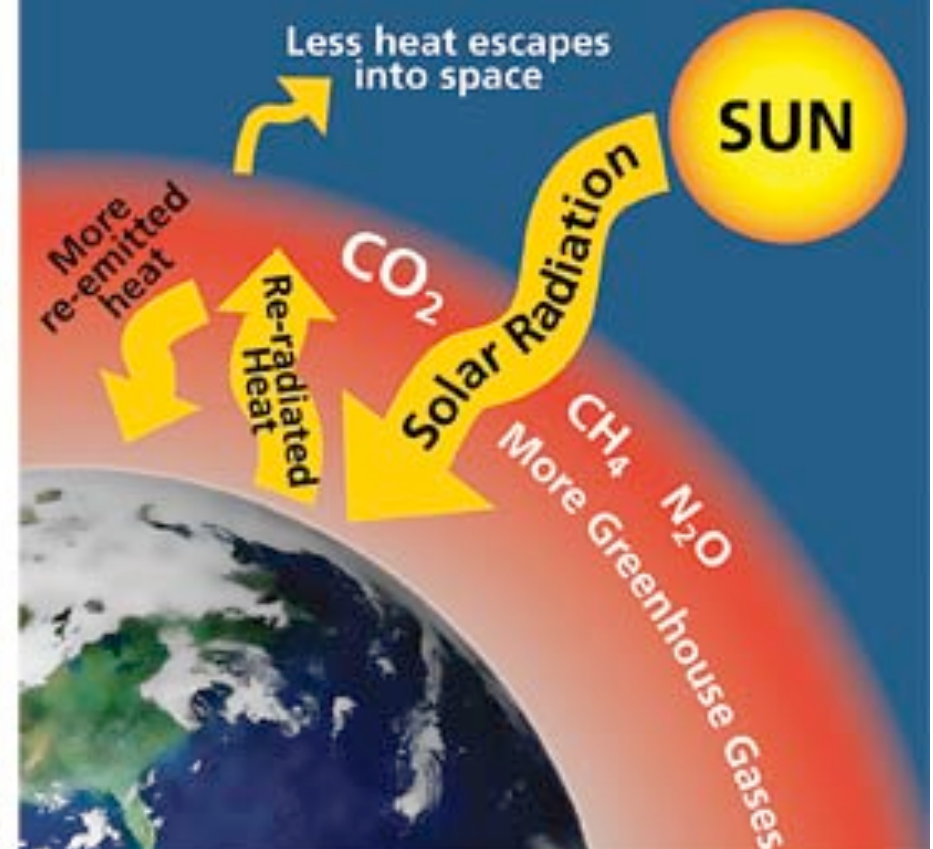


The Greenhouse Effect helps keep Earth's average temperature around 57 degrees Fahrenheit, and makes life on Earth possible.

Natural Greenhouse Effect

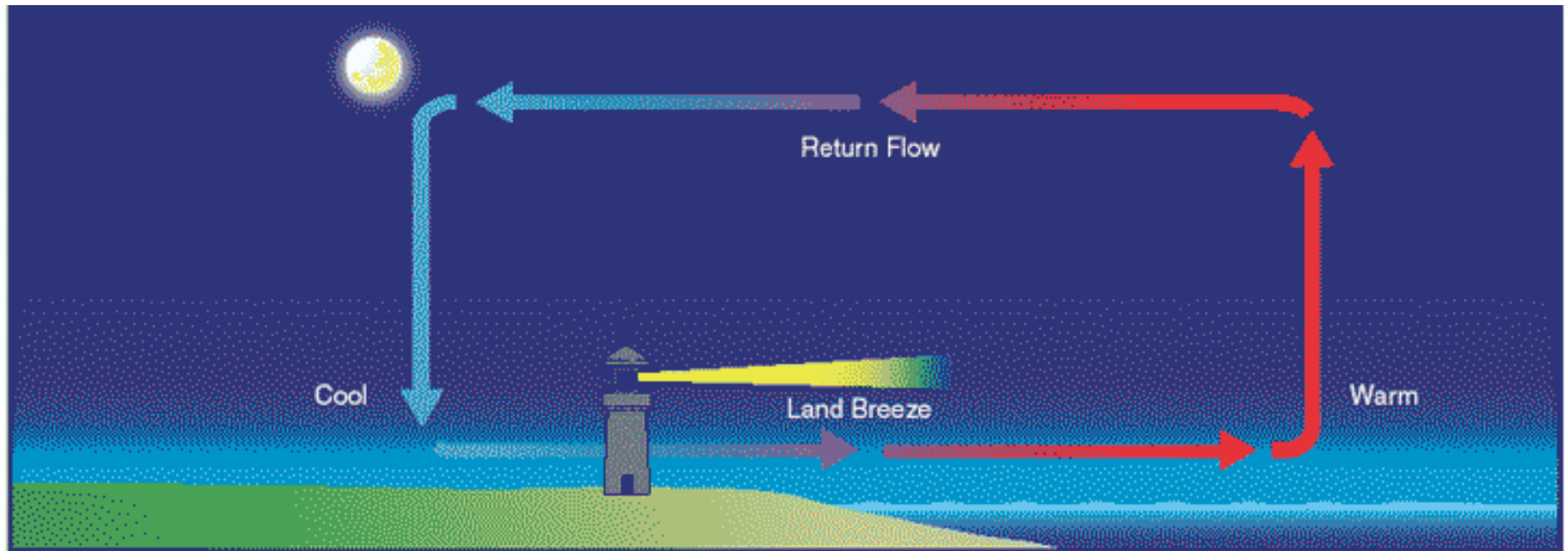


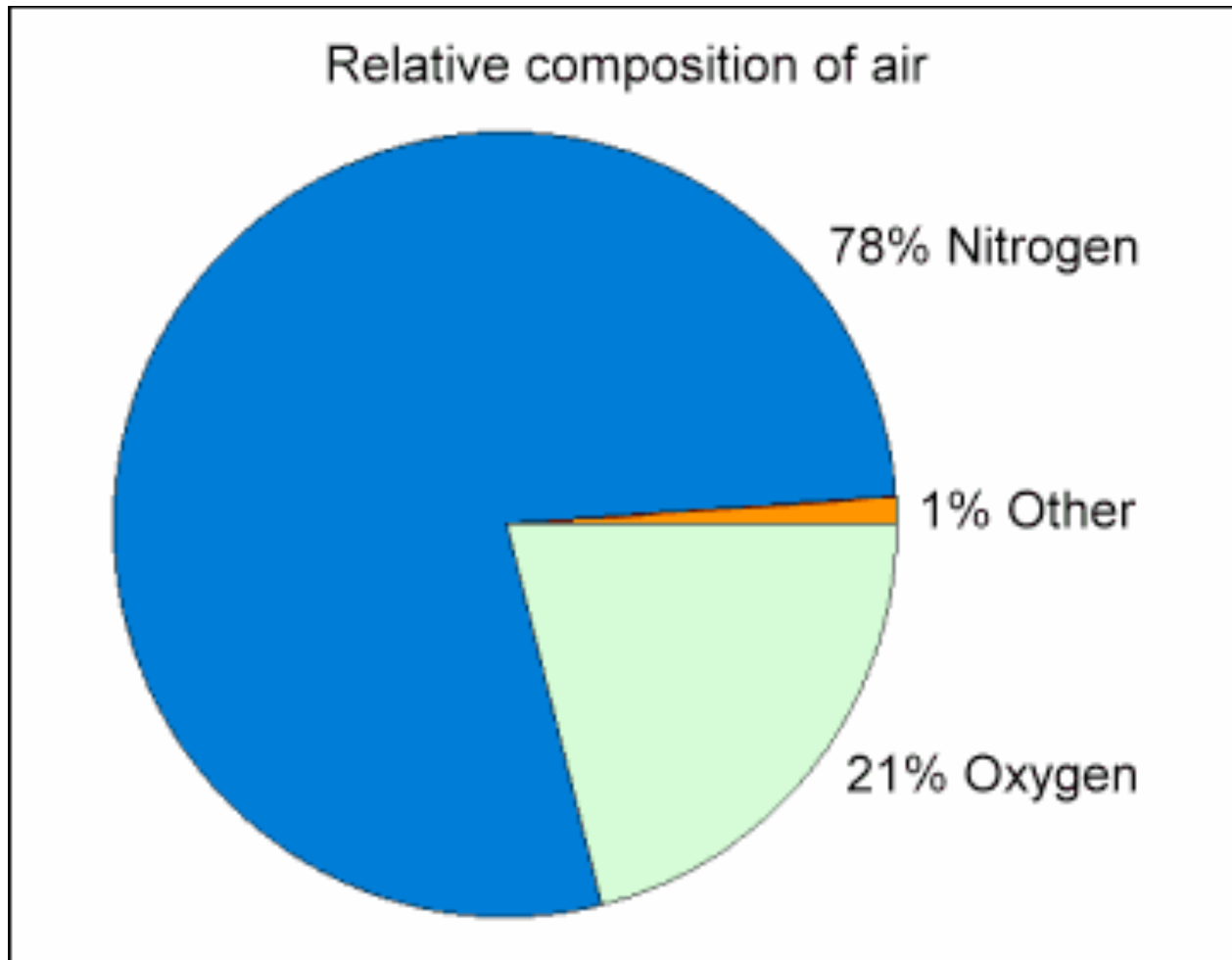
Human Enhanced Greenhouse Effect



Land Breeze

At night warm air over the water rises. Cooler air over land moves toward water and takes the place of the warmer air that has risen. This creates a land breeze.





Air is a mixture of gases. Four of these gases are important to life on Earth: nitrogen (78%), oxygen (21%), carbon dioxide (<1%), and water vapor (<1%).

- Nitrogen is used by plants to make food and help them grow.
- Oxygen is used by humans and animals to get energy from the food they eat. Oxygen is released into the atmosphere by plants when making food.
- Carbon dioxide is used by plants to help them make food. It is released into the atmosphere by humans and animals.
- Water vapor makes clouds and rain possible.

