

# ***FEELING THE AIR***





Which of these surfaces heats up the fastest?



Darker surfaces heat up faster than lighter surfaces.

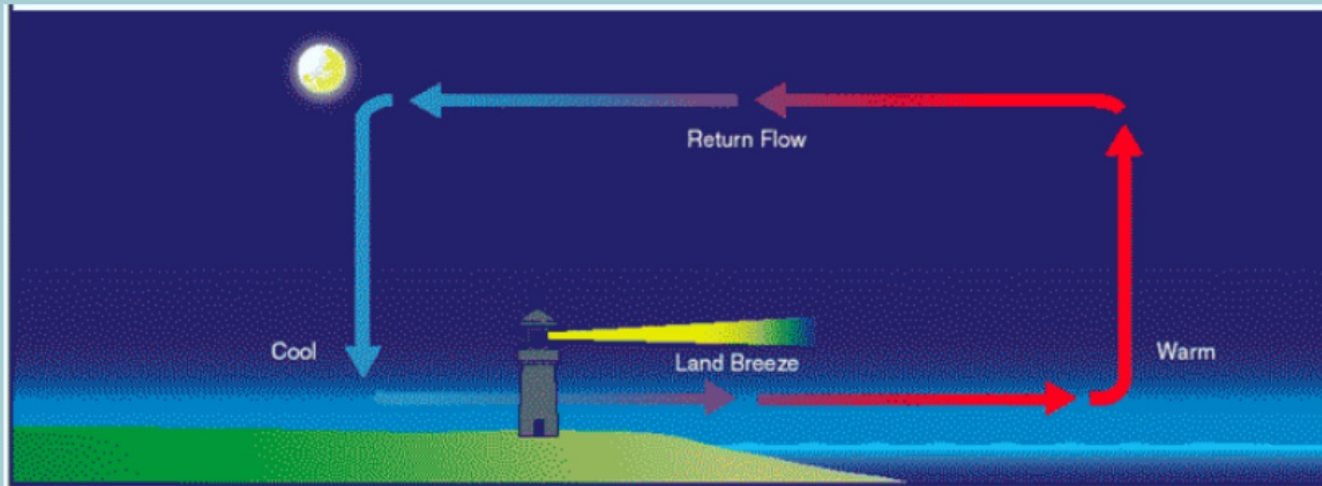


# ***WIND:***

- The movement of air.
- It is caused by the uneven heating of Earth's surface.

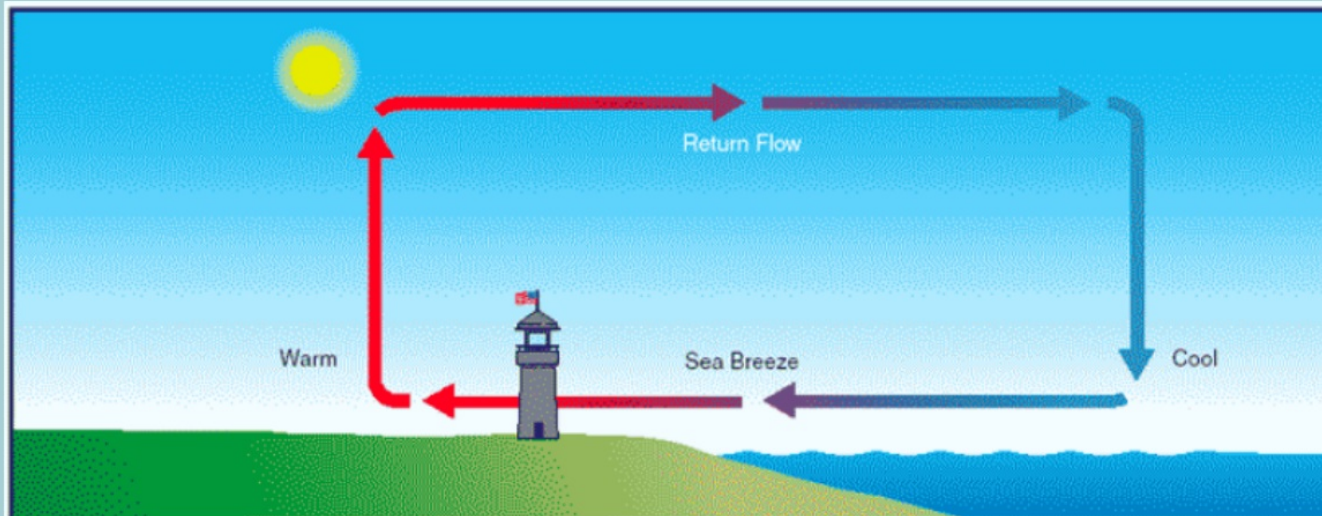


# LAND BREEZE



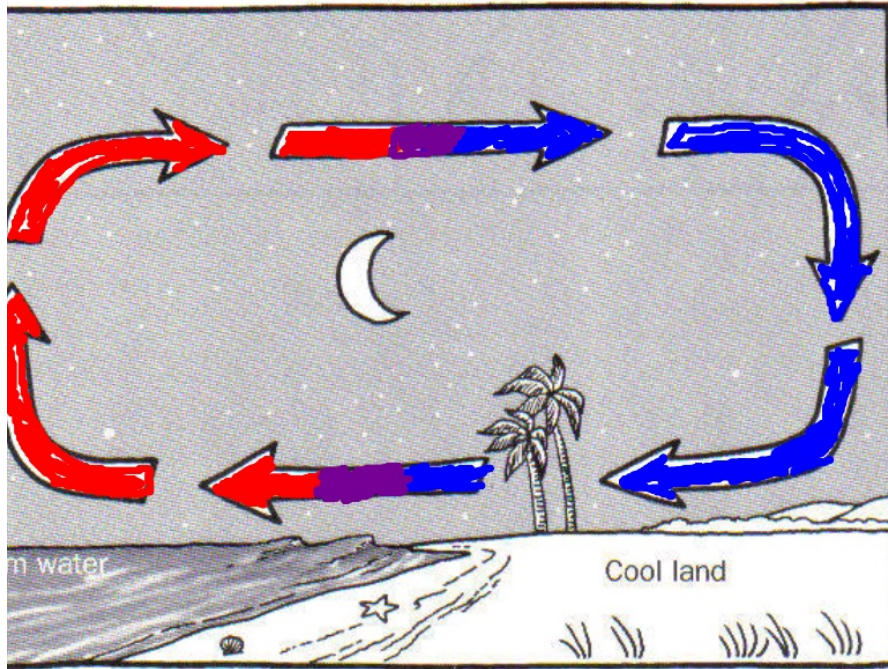
- At night, land loses heat faster than water, so the land is cooler at night than during the day.
- The warm air over the water rises and the cooler air over the land moves in to take its place.

# SEA BREEZE

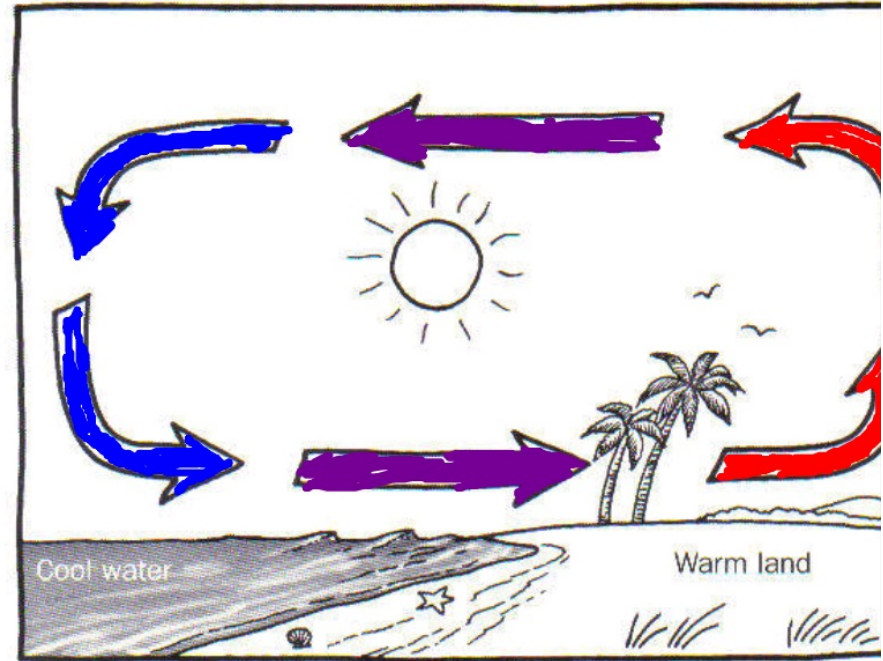


- Land heats up faster than water
- During the day, the air over the land rises and the air over water sinks
  - This causes a Sea Breeze: the cooler air moves in to take the place of the warmer air that has risen up.

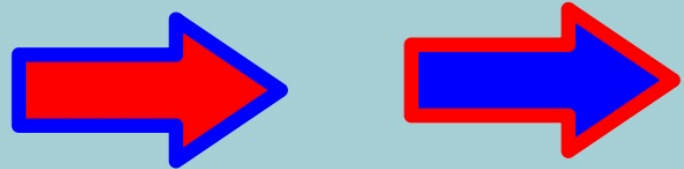
LAND BREEZE



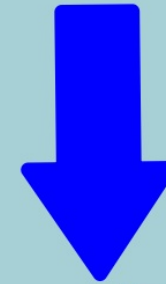
SEA BREEZE



Warm air over the land rises.



## ***SEA BREEZE***



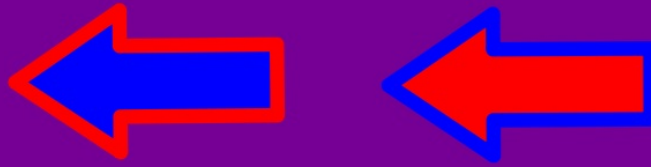
Cooler air over the water moves toward land and takes place of the warmer air that has risen.



Warm Land

Cool Water

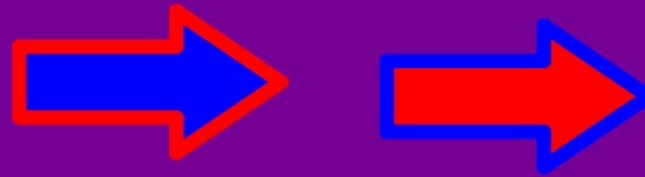
Cooler air over the land moves toward water and takes place of the warmer air that has risen.



## ***LAND BREEZE***



Warm air over the water rises.



Cool Land

Warm Water