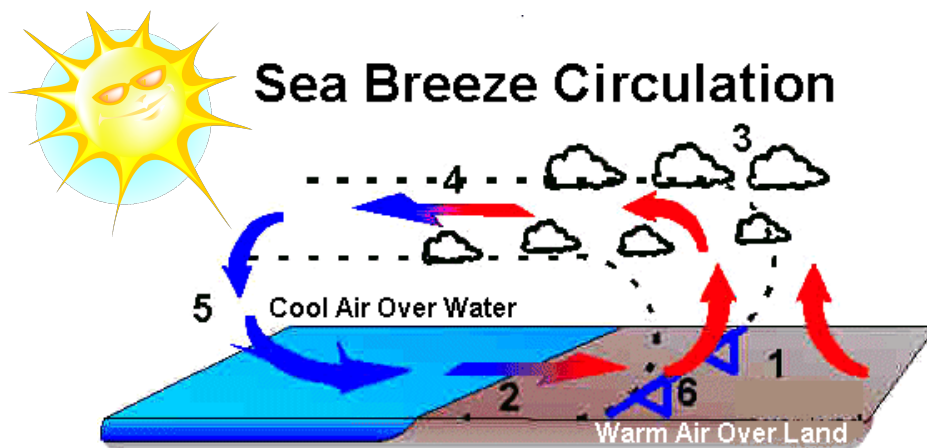


Regional Weather

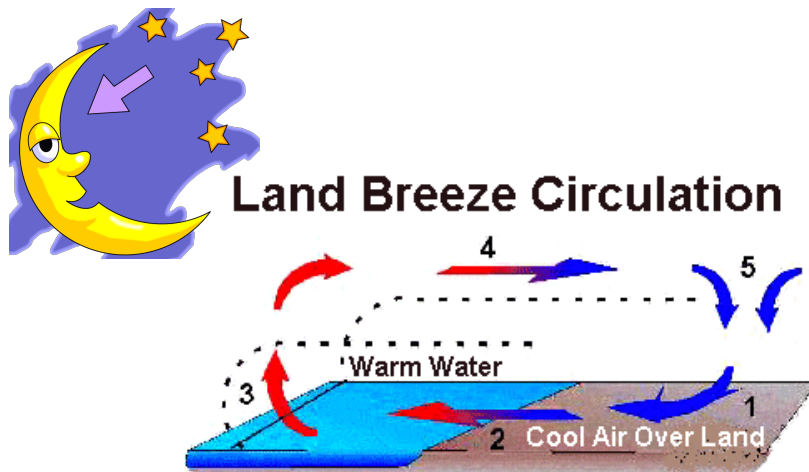
Sea / Water Breeze

- land heats up faster than water and cools faster than land
- in the **day**, air above the land warms and rises
- cool air from above the water moves in to take its place
- this movement of air from water to land is called a water/sea breeze



Land breeze

- water cools more slowly than land
- In the **night**, air above the water is warmer and rises
- Cool air from above the land moves in to take its place.
- This movement of air from land to water is called a land breeze.



Thermal

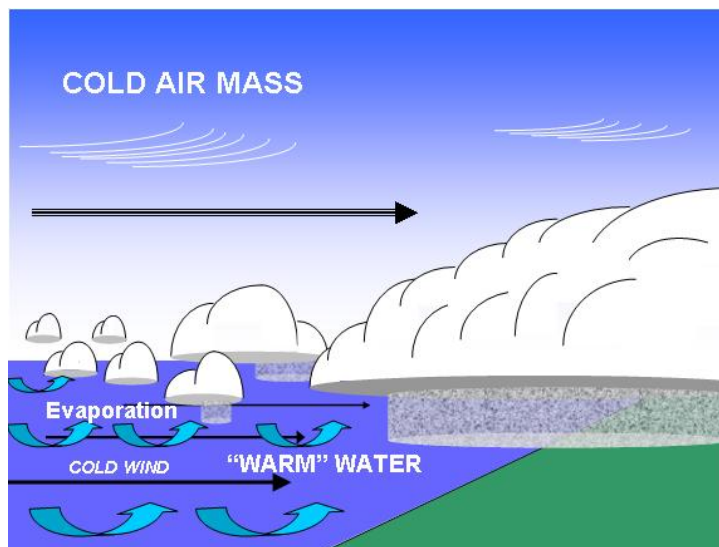
A convection current set up during the day is called a thermal or thermal updraft.

- air warms during the day and rises
- this rising air is the thermal



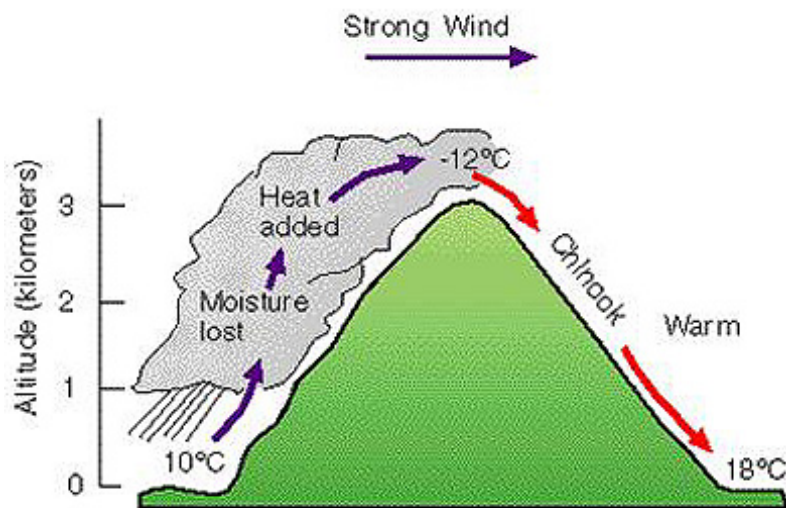
Lake Effect Snow

- Near the Great Lakes air blowing over warm bodies of water can carry lots of moisture
- This moisture falls as snow when as the moist air blows onshore where the temperature is cooler. (Remember ...'Cool and Condense!')



Chinook

- a warm, dry wind
- air descending down the eastern side of a mountain warms up as it sinks
- common in B.C.



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