**Vocabulary:** **Coastal Winds and Clouds**



**Vocabulary**

* Condensation – change from a gas to a liquid.
	+ Condensation of water occurs when water vapor is cooled.



**Convection currents**

* + Condensation forms clouds, mist, and fog.
* Convection – transfer of heat through movement of a fluid.
* Convection current – the circular motion of a fluid (such as air) in which hot material rises while cold material sinks.
	+ Hot fluid rises because it is less dense than cold fluid.
	+ As hot fluid rises, cold fluid rushes in to occupy the space.
* Land breeze – a wind that blows from the land to the sea.
	+ A land breeze is also known as an *offshore breeze*.
* Sea breeze – a wind that blows from the sea to the land.
	+ A sea breeze is also known as an *onshore breeze*.