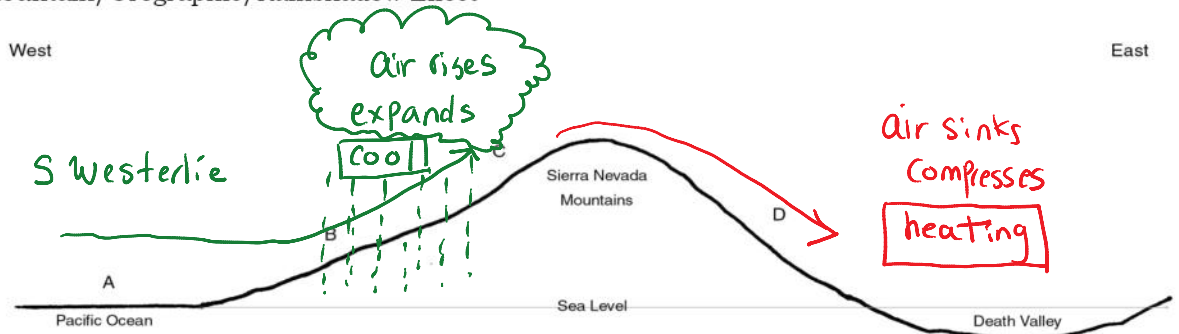


CLIMATE NOTES

The following notes are regional climate factors that could dictate the annual temperature and precipitation of a place.

Mountain/Orographic/Rainshadow Effect



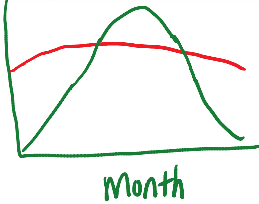
Windward Side of the mountain → Cool, wet climate
Westside

Leeward Side of the mountain → hot, dry climate
East side

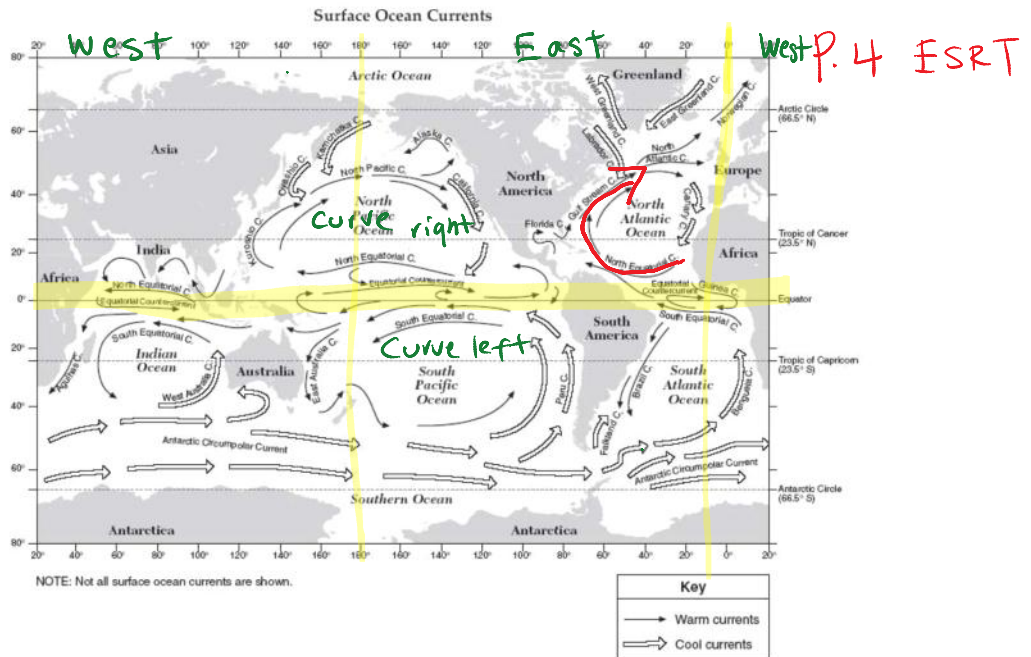
Elevation Effect → altitude

Language Representation	Graphic Representation
<p>as the <u>elevation</u> increases <u>temperature</u> decrease</p>	

Water/Coastal Effect

Language Representation	Graphical Representation
<p>Water Moderates the climate, Coastal climate is mild. Inland climate is extreme</p>	<p>temp.</p>  <p>Month</p>

Ocean current Effect



1. Curvature of the current is due to Coriolis effect
2. Ocean currents help to distribute energy across the planet
3. This type of circulation is called: Convection Current, Conveyor belt

Prevailing Wind Effect

The drawing on the right shows the locations of the belts near the time of an equinox. The locations shift somewhat with the changing latitude of the Sun's vertical ray. In the Northern Hemisphere, the belts shift northward in the summer and southward in the winter.

(Not drawn to scale)

