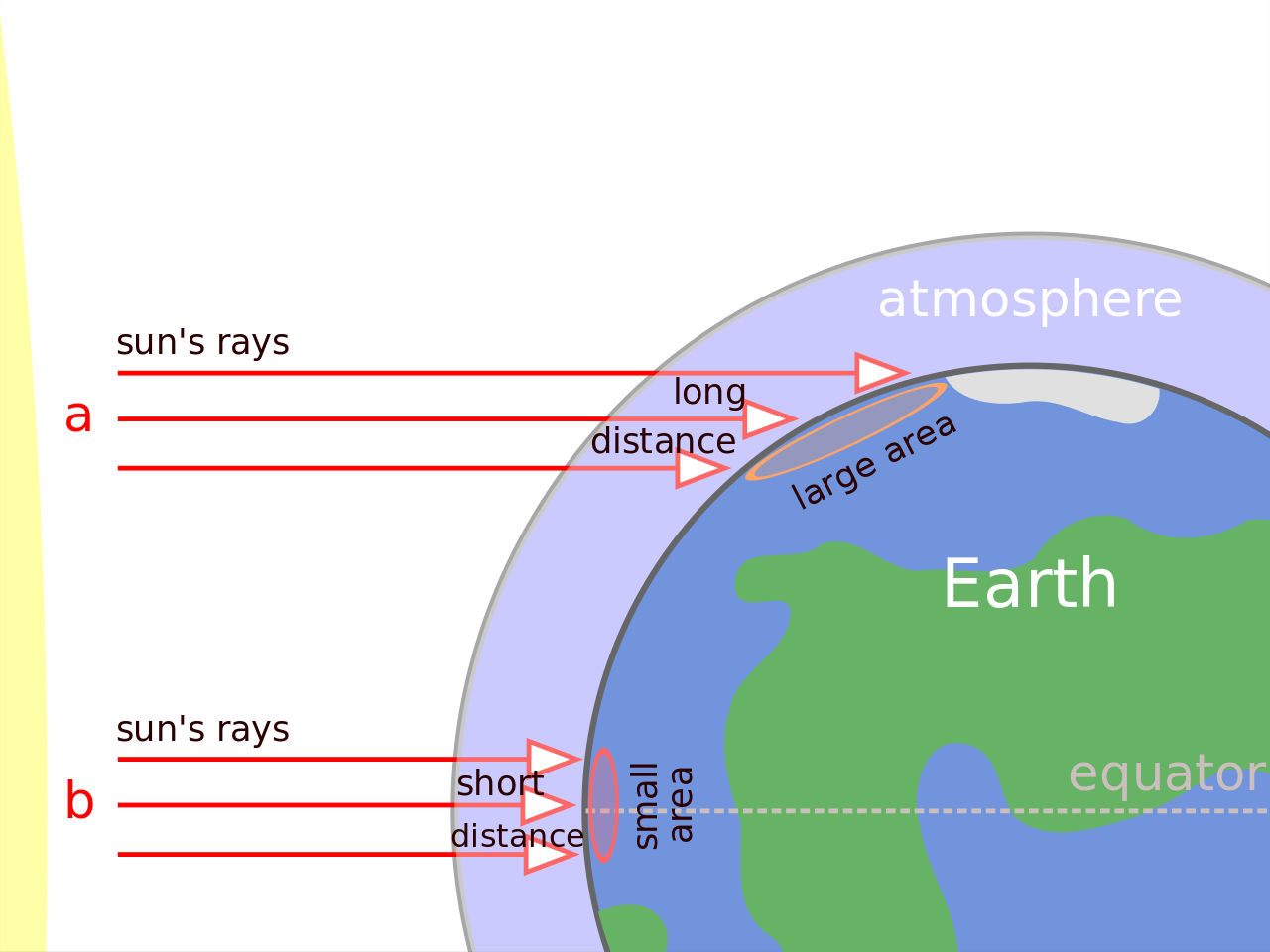
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| **IGCSE Geography - Biomes – Why are they located where they are?** |

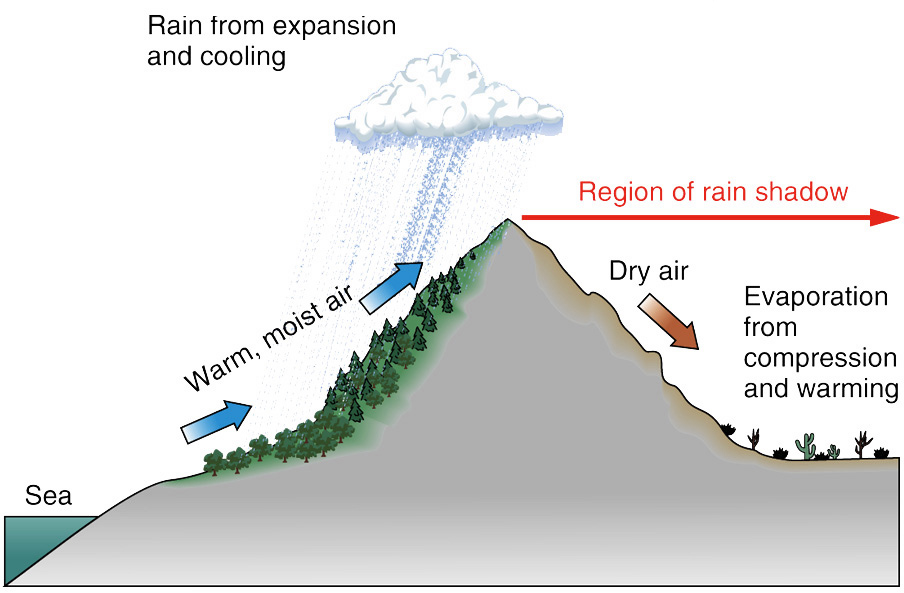
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| A biome is a major regional group of distinctive plant and animal communities best adapted to the region's physical natural environment, latitude, altitude and terrain factors. A biome is composed of the vegetation and all associated fauna (animals, insects etc) and soils, but can often be identified by the vegetation type. | Source: Wikipedia |

Reason 1 – Levels of solar radiation



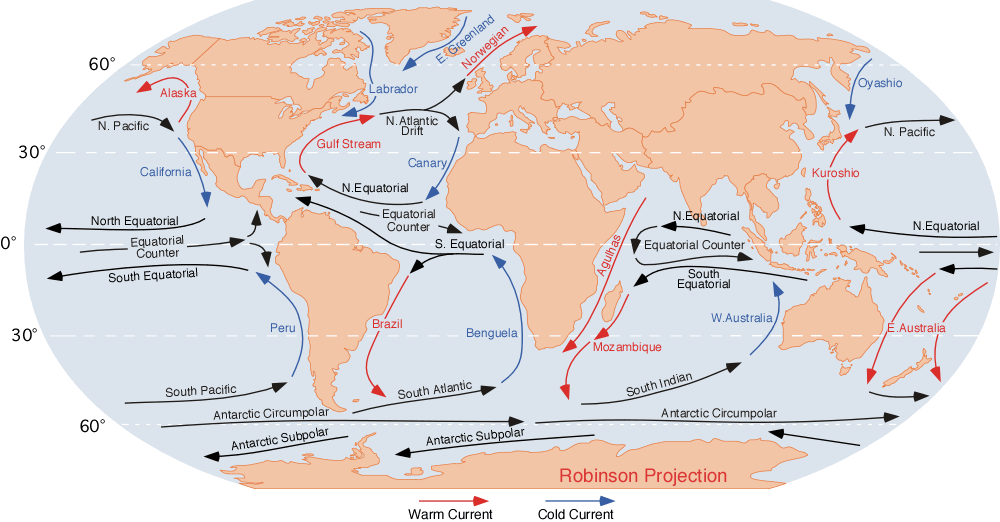
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| Why does the Equator receive more solar radiation than the Poles? |
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| How does the level of solar radiation arriving upon different parts of the earth's surface affect the biome located there? |
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Reason 2 – Prevailing winds



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| What is a rain shadow and how does it affect the biomes in that area? |
|  |

Reason 3 – Oceanic Circulation



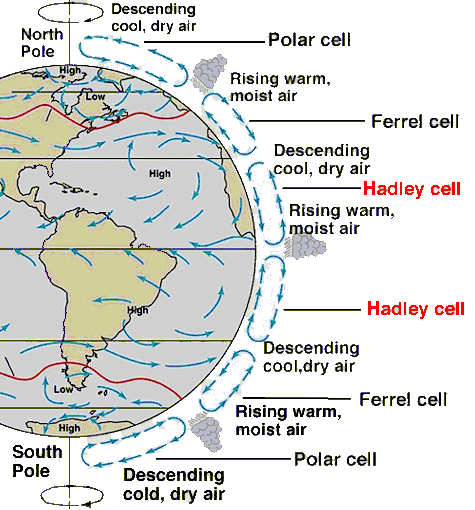
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| How does the 'North Atlantic Drift' keep France & Western Europe warmer than it should be? |
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Reason 4 – Altitude



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| The image above shows the Furtwangler Glacier on Mt Kilimanjaro. The location of the glacier is very close to the equator. Explain why there is a glacier at such a warm latitude. |
|  |

Reason 5 – atmospheric cells



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| How does the presence of atmospheric cells explain the location of deserts and tropical rainforests? |
|  |