

Communities, Biomes, and Ecosystems

Section 2 Terrestrial Biomes

Main Idea

Details

Skim Section 2 of the chapter. Write two questions that come to mind from reading the headings and the illustration captions.

1. _____
2. _____

Review Vocabulary

Use your book or dictionary to define biome.

biome

New Vocabulary

Use your book or dictionary to define the following term.

latitude

Compare the terms in the tables by defining them side by side.

weather
climate

weather:	climate:
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Describe the vegetation and growing conditions for each biome.

boreal forest
desert
grassland
temperate forest
tropical rain forest
tropical savanna
tropical seasonal forest
tundra
woodland

tundra:	boreal forest:	temperate forest:
woodlands:	grassland:	desert:
tropical savanna:	tropical seasonal forest:	tropical rain forest:

Section 2 Terrestrial Biomes (continued)

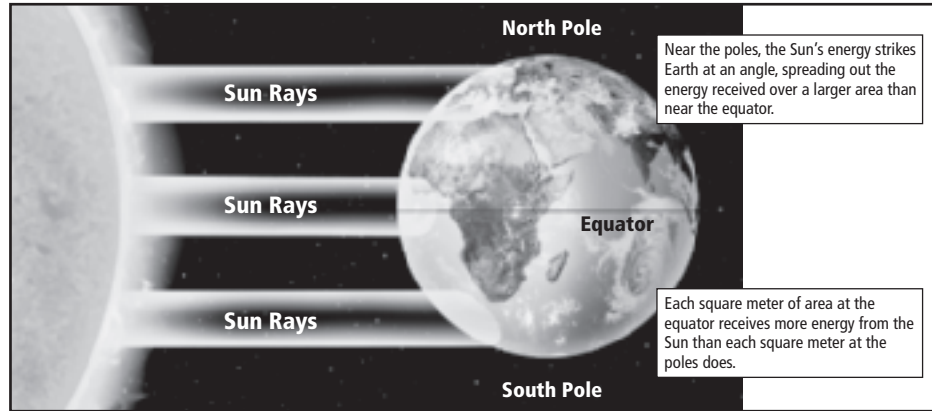
Main Idea

Effects of Latitude and Climate

I found this information on page _____.

Details

Model the latitude lines, poles, equator, Tropic of Cancer, Tropic of Capricorn, and the Sun below.



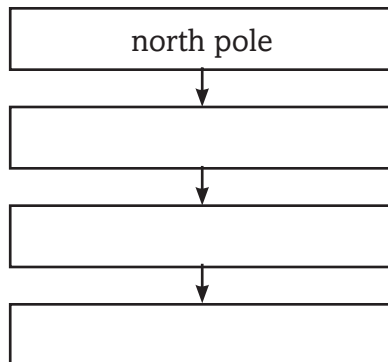
Analyze how latitude affects climate and why.

Identify three factors other than latitude that affect climate.

Major Land Biomes

I found this information on page _____.

Sequence the boreal forest, temperate forest, and tundra in the diagram below.



Section 2 Terrestrial Biomes (continued)

Main Idea

Details

Classify the land biome described by each characteristic below.

Characteristic	Biome
most trees drop their leaves during the dry season	
annual rate of evaporation exceeds rate of precipitation	
open areas of trees and mixed shrubs along the west coasts of North and South America	
most diverse of all biomes, with a canopy and understory of vegetation	
grasses and scattered trees; receives less precipitation than other tropical areas	
thick cover of grasses with underground stems and buds that can survive fires	
dense evergreen forest; also called northern coniferous forest or taiga	
composed of broad-leaved deciduous trees; has four well-defined seasons	
treeless; has a layer of permanently frozen soil below the surface called permafrost	

Other Terrestrial Areas

I found this information on page _____.

Analyze why the two land areas below are not true biomes.

Mountains: _____

Polar regions: _____

CONNECT

Compare and contrast a tundra to a desert. Include latitude, climate, and major biomes.
