

Know major influence on plant growth is

Primarily, precipitation...and Solar Energy

Biome	Climate	Precipitation	Soils	2 Common Plants	2 Common Animals
Tropical Rain Forest	Hot & Wet annually	Lots of rain; over 300 mm in some months	Thin, poor nutrient soils	Ferns, Orchids	Golden Lion Tamarin, Toucan
Tropical Dry Forest	Seasonal rainy & dry seasons	Little rain, except for rainy season; 350 mm	Rich soils, subject to erosion	Tall deciduous trees, aloe	Tiger, Long-Tailed Macaque
Tropical Savanna	Seasonal rainfall & wildfires	Less than 200 mm most months, except in March	Compact soils	Tall perennial grasses, fire-resistant trees	Nubian Vulture, White Rhinoceros
Desert	Dry with extreme temperatures (night & day)	Annually less than 25 cm of rain	Rich in minerals poor, organic material	Cacti, creosote bush	Desert Hairy Scorpion, Golden Eagle
Temperate Grassland	Moderately warm with seasons	Less than 30 mm of rain, each month	Fertile soils	Perennial grasses, herbs	Rabbits, antelopes
Temperate Woodland & Shrubland	Hot, dry summers & cool moist winters	Approximately 70 mm of rain or less each month	Thin, nutrient poor soils	Woody evergreen shrubs, fragrant oily herbs	Coyote, California Slender Salamander
Temperate Forest	Cold/moderate winters & warm summers	Averages 50 mm of precipitation per month - year round precipitation	Soils rich in humus	Broadleaf deciduous trees, flowering shrubs	Tiger Beetles, Whitetail Deer
Northwestern Coniferous Forest	Mild temperatures; cool & dry summer; wet other seasons	Abundant precipitation; fall, winter, spring	Acidic soils	Douglas fir, redwood	Flying Squirrel, Black Bear
Boreal Forest (Taiga)	Long/cold winters & short/ mild summers	Moderate precipitation all year	Acidic, nutrient poor soils	Spruce, berry – bearing shrubs	Lynx, Moose
Tundra	Long/cold/ dark winters & short/soggy summers	Low precipitation all year round	Underdeveloped soils with permafrost	Moss, Lichen	Caribou, Snowy Owl