

The background is a dark teal color with stylized, lighter teal silhouettes of trees and foliage. A white bird is flying in the lower right area. At the top center, there are two overlapping white circles.

Coniferous Forest

-BIOLOGY 1100

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What is a coniferous tree



- Taiga or Boreal forests
- Evergreen, cone-shaped trees are known as conifers.
- They grow needle-like or scale-like leaves.
- Most trees are cone-bearing gymnosperms.

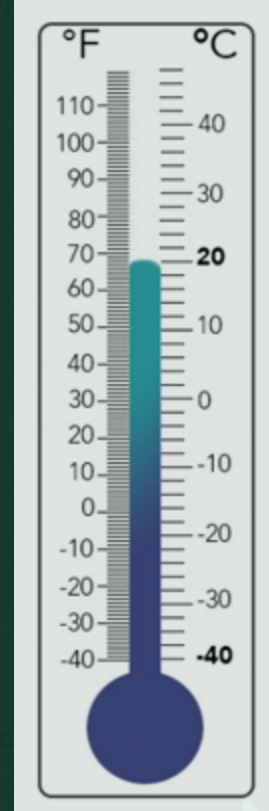
Location



- Between the tundra and the deciduous forest
- Cooler climates and high altitudes
- North America, Europe, and Asia

Temperature

- ❑ The average temperature in winter ranges from -40°C (-40°F) to 20°C (68°F)
- ❑ The average summer temperatures are usually around 10°C (50°F)
- ❑ The average annual temperature in coniferous forests usually ranges between -10°C to 10°C (14°F to 50°F)



Seasonality

Spring

Bringing gradual
warming and
snowmelt

Summer

Short, mild to warm
summers with long
daylight hours

Autumn

Cooling,
transitional season
for winter

Winter

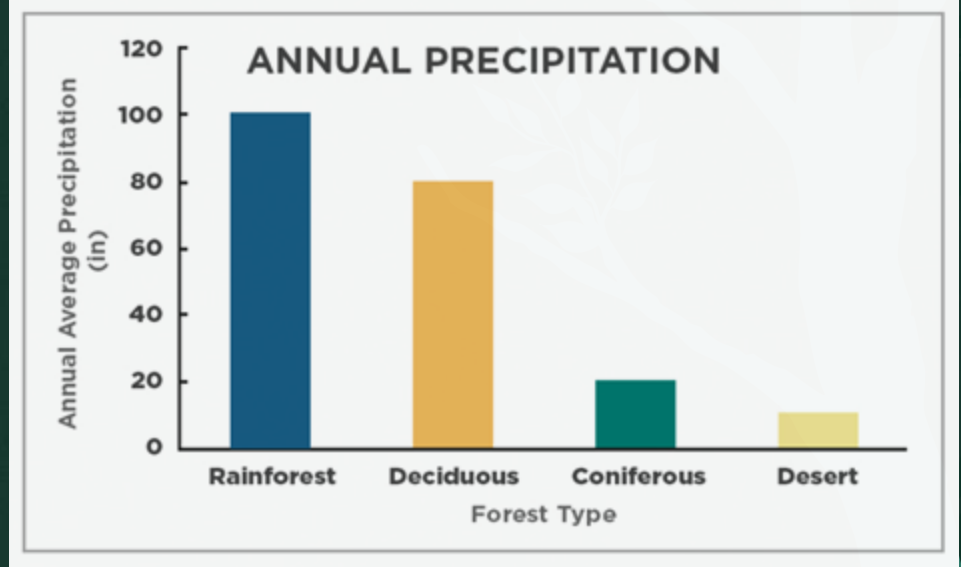
Long, cold, and
snowy winters.



Precipitation



- ❑ Winter precipitation falls as snow
- ❑ Summer precipitation falls as rain
- ❑ Ppt 30-90 cm (12-35 inches)
- ❑ Humidity, high in summer 50-80%
- ❑ Air is much drier in the winter



Major vegetation



Spruces



Pines



Firs

Major animals



variety of animals

Countless invertebrates,
small and big land animals as
well as birds

The animals are designed to
survive harsh winters

Interesting point



- Conifers were dinosaur food!
- Conifers, a group of ancient plants that includes cedars, firs, pines, redwoods, and more, are among the oldest living trees on Earth.



Conclusion

Location

Between the tundra and
the deciduous forest

Temperature

-10°C to 10°C (14°F to
50°F)

Seasonality

Clear 4 seasons

Precipitation




300 to 900 mm annually

Major vegetation

Spruces, pines, and firs

Major animals

The animals are designed
to survive harsh winters





Thanks!

*Do you have any
questions?*





Resources

<https://arboretum.fullerton.edu/online-education/coniferous.aspx>

<https://www.forestryengland.uk/blog/six-surprising-facts-about-conifers>

<https://www.coniferousforest.com/plants-trees>

<https://prehistoricsaurus.com/dinosaur-time-periods/jurassic-period/jurassic-plants/>

<https://www.dreamstime.com/stock-photo-seasons-forest-spring-summer-autumn-winter-image75868378>

