



Which terrestrial biomes are these?



Tropical rainforest biome



Temperate  
deciduous forest  
biome



Desert biome



Tundra biome



Grassland biome



Taiga biome



Savannah biome

What is a biome?

Biomes are categorised by four things. They are \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.

The two types of biomes are \_\_\_\_\_ and \_\_\_\_\_.

Two facts about a Taiga biome:

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Which terrestrial biome are we learning about today?





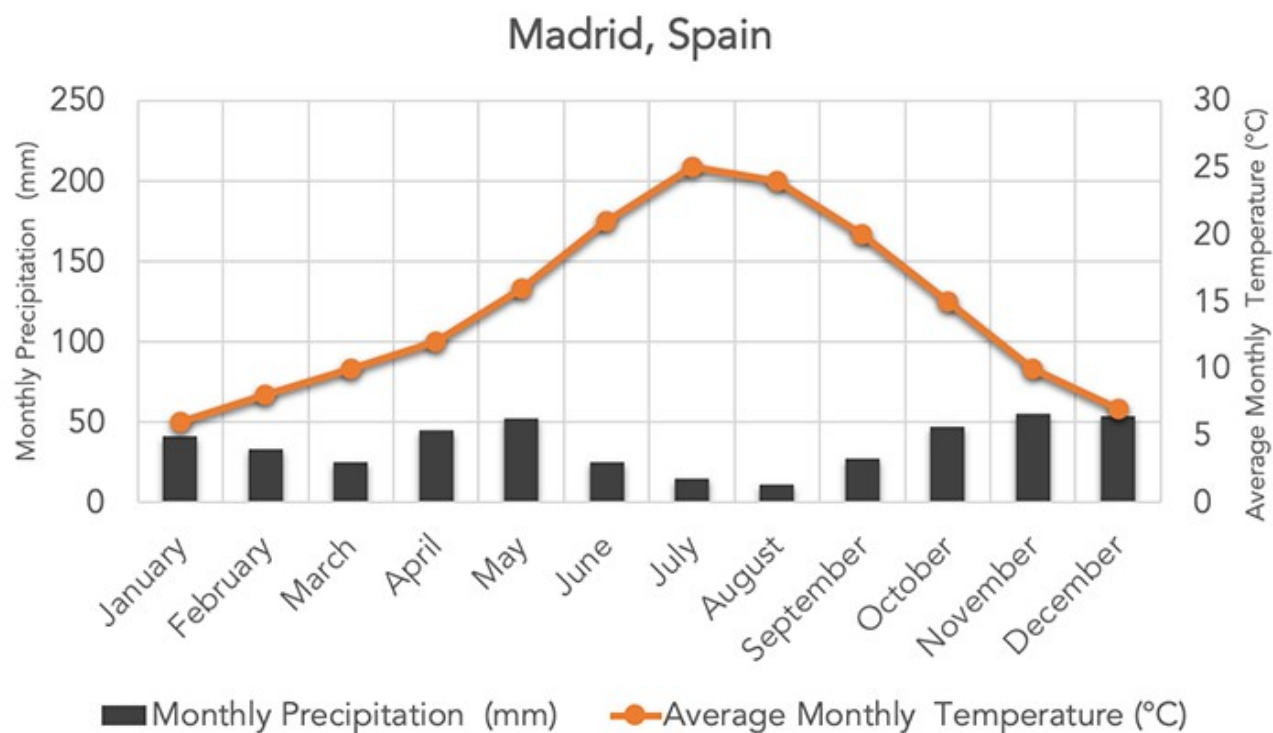
Temperate deciduous forests are located in the mid-latitude areas which means that they are found between the polar regions and the tropics. The deciduous forest regions are exposed to warm and cold air masses, which cause this area to have four seasons. The temperature varies widely from season to season with cold winters and hot, wet summers. The average yearly temperature is about  $10^{\circ}\text{C}$ . The areas in which deciduous forests are located get about 750 to 1,500 mm of precipitation spread fairly evenly throughout the year

Temperate deciduous forests are located in the mid-latitude areas which means that they are found between the [redacted] The deciduous forest regions are exposed to warm and cold air masses, which cause this area to have [redacted] seasons. The temperature varies widely from season to season with [redacted] winters and [redacted] summers. The average yearly temperature is about [redacted] The areas in which deciduous forests are located get about 750 to 1,500 mm of precipitation spread fairly evenly throughout the year



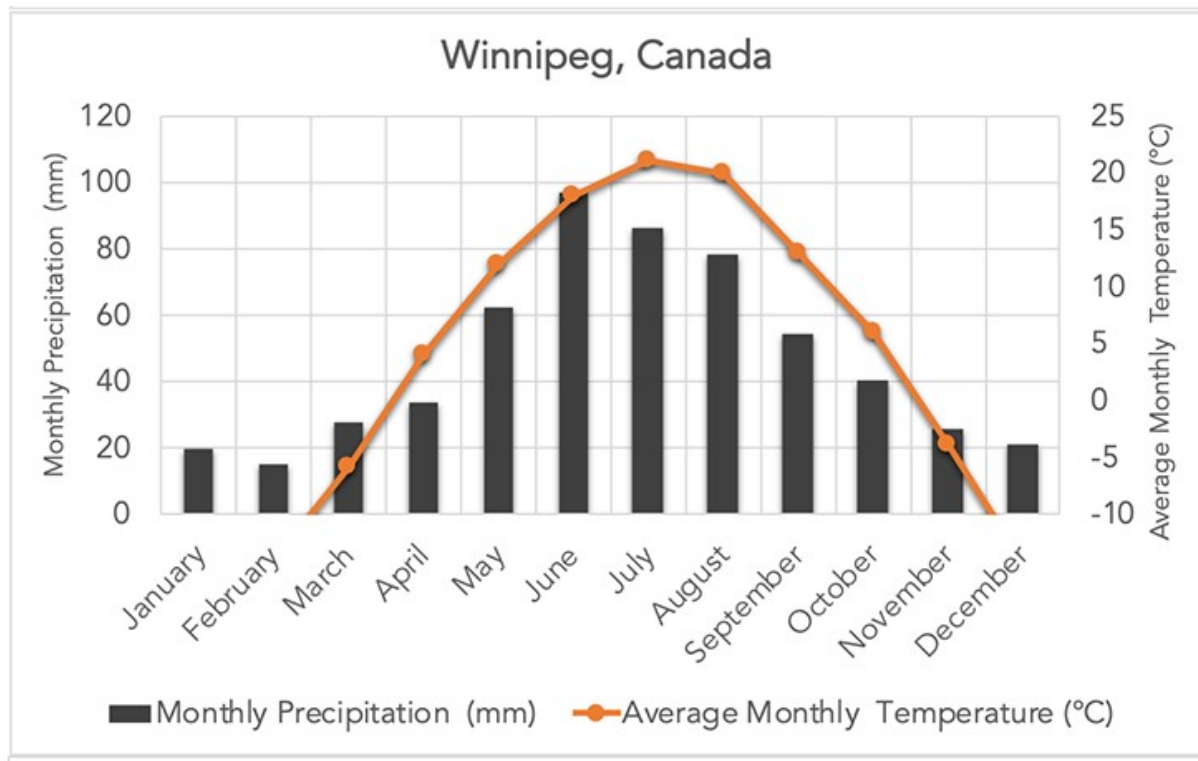
**Can you convert  
the rainfall into  
cms?**

## Climograph for a Temperate Deciduous Forest



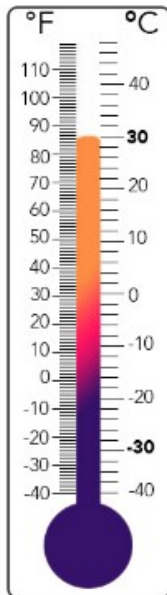
Compare and contrast- what do you notice about the difference in precipitation? What about the temperature?

## Climograph for a Taiga biome



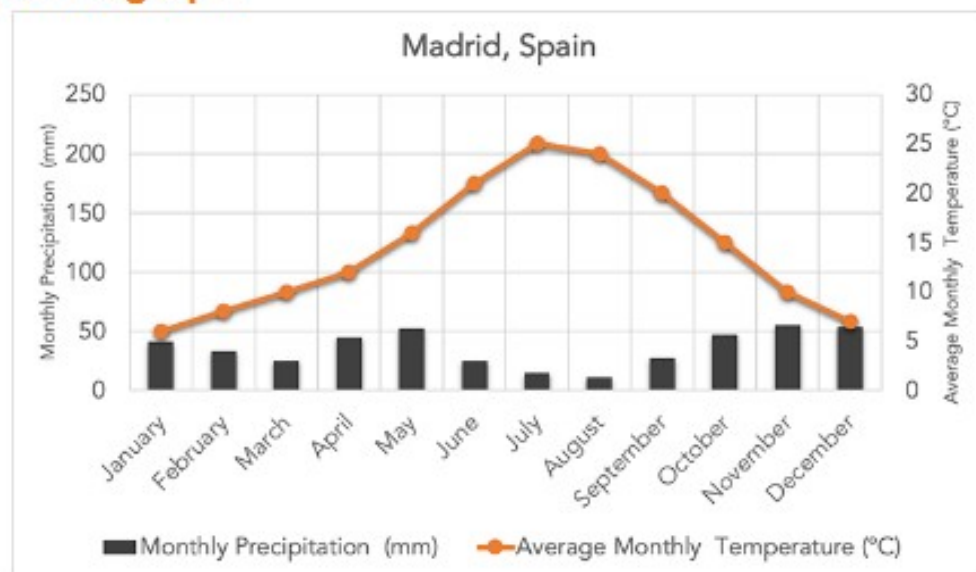


## Temperature

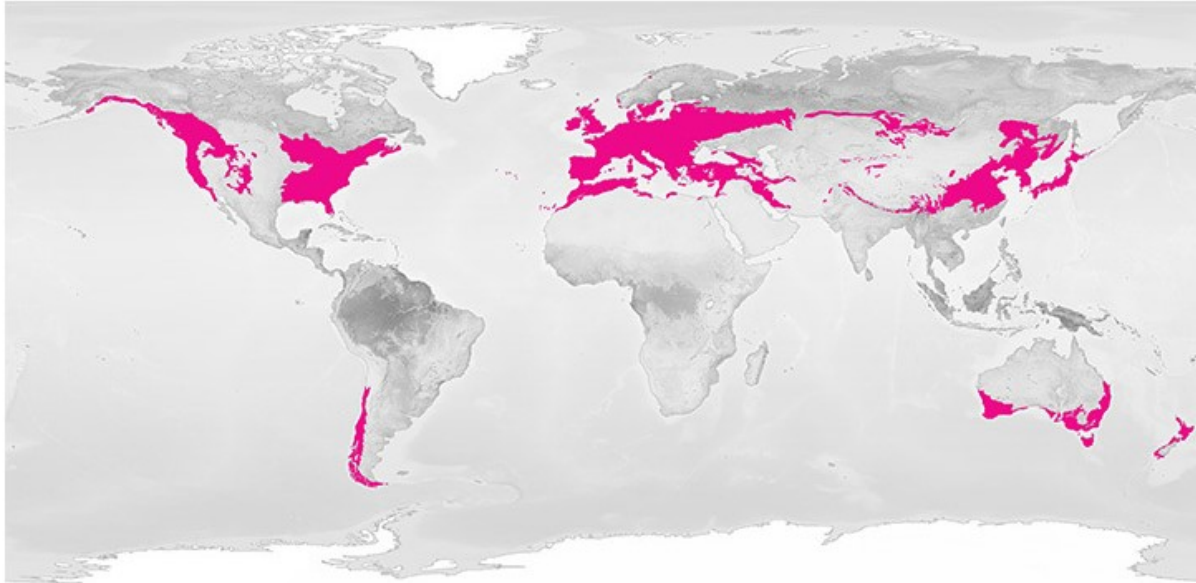


The average daily temperatures range between  $-30^{\circ}\text{C}$  ( $-22^{\circ}\text{F}$ ) and  $30^{\circ}\text{C}$  ( $86^{\circ}\text{F}$ ) with a yearly average of  $10^{\circ}\text{C}$  ( $50^{\circ}\text{F}$ ). Hot summers and cold winters are typical in this biome.

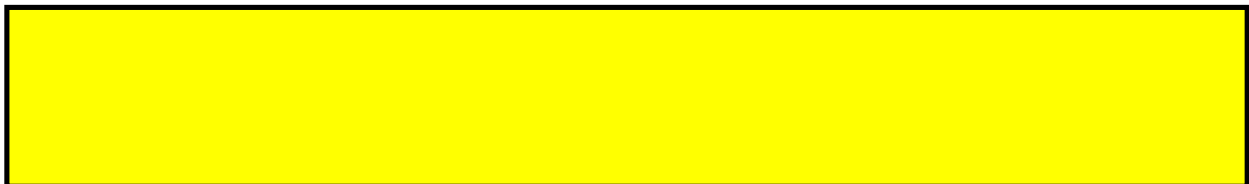
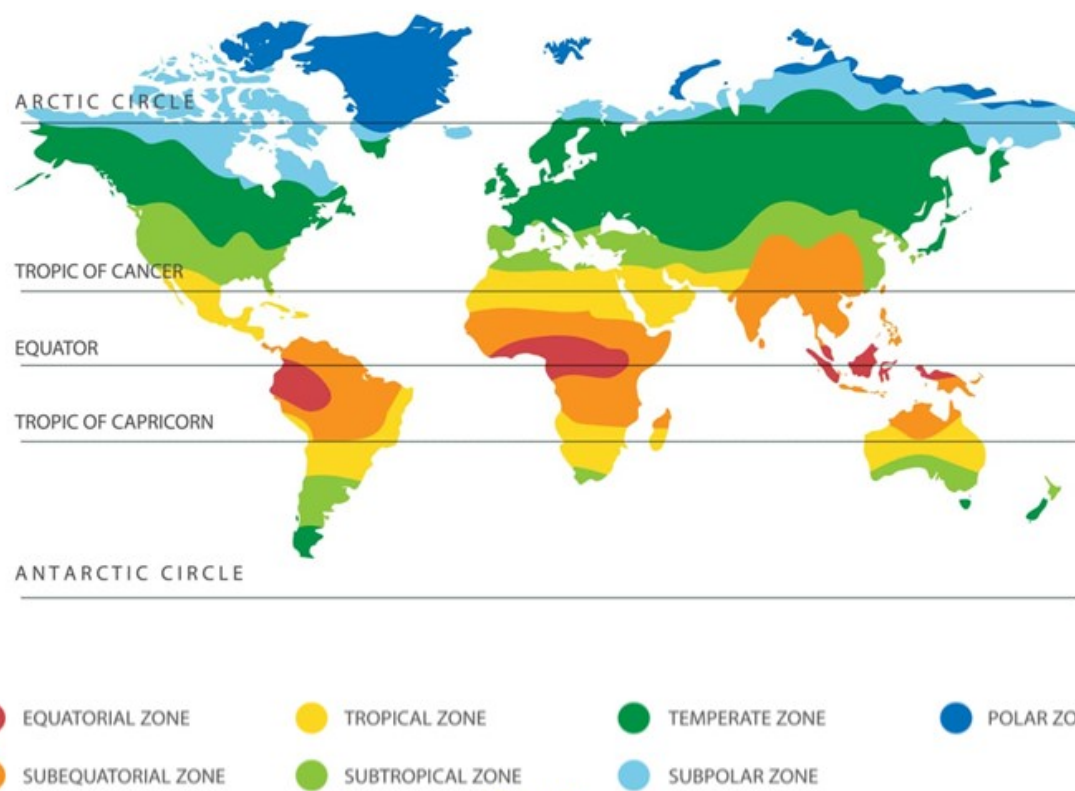
## Climograph



### Location



Use the map and climate zone map to describe the location of the temperate deciduous forest biomes.





Bingo time!

Whilst we watch this video about today's biome, listen out for the 9 words on your bingo sheet and tick them off when you hear them. *Can you add 3 more key vocabulary that you hear in the video?*

Good luck!



Watch the video again but this time record some notes for each box on your sheet.

Think about how the plants are adapted to surviving in this biome? How do plants catch more sunlight?

What animals would you find in the different layers of a deciduous forest?

Now it's your choice!

Task A (\*)- Compare the Taiga and Temperate Deciduous Forest biome using a venn diagram. Write facts about the location, climate, physical features etc.

Task B (\*\*)- Compare and contrast.

*I see! A Taiga biome and a temperate deciduous forest biome are both abundant in trees so they are both forests. They are the same!*

*Write a paragraph to compare and contrast a Taiga and Temperate Deciduous Forest biome. How are they similar? How are they different? Think about the climate and the type of plants and animals you would find.*

*Try to use some contrasting conjunctions e.g although, however, unlike, on the other hand etc.*



Extension- Compare and contrast:

**How is the temperate deciduous forest biome different or similar to the taiga biome?**