

LEARN AT CHESTERZOO

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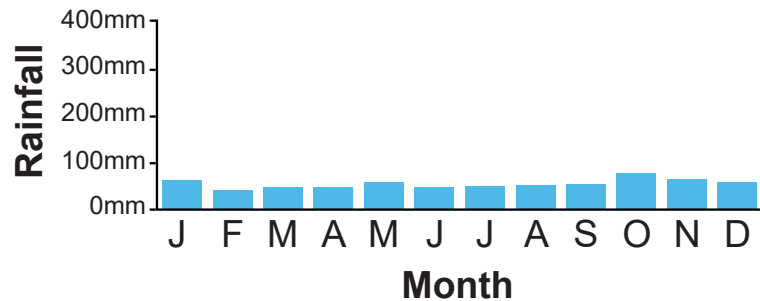
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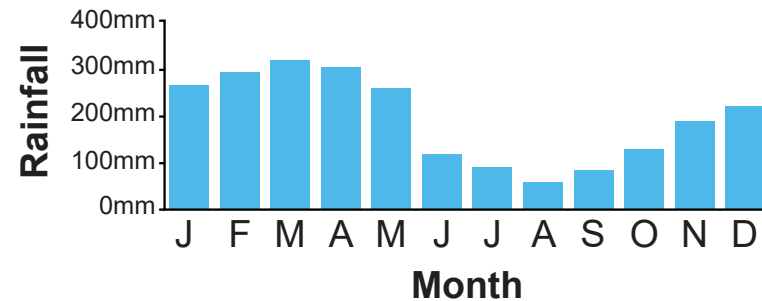
WHY IS THE WEATHER IMPORTANT TO THE RAINFOREST?

Average (typical, usual) monthly **rainfall** of London (UK), Manaus (Brazil), Kisangani (The Democratic Republic of the Congo) and Jakarta (Indonesia):

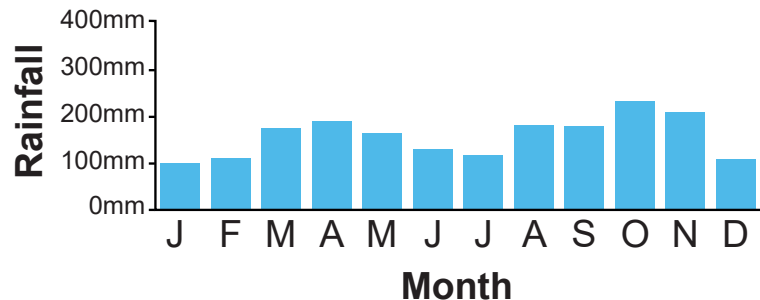
UK



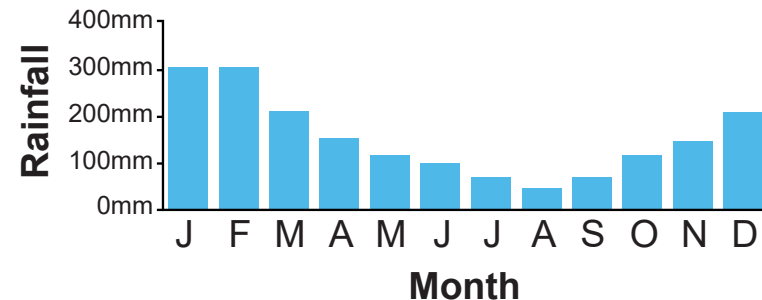
BRAZIL



DEMOCRATIC REPUBLIC
OF THE CONGO (DRC)

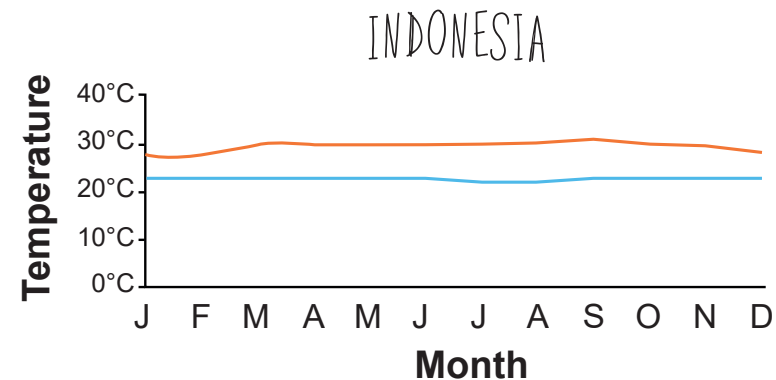
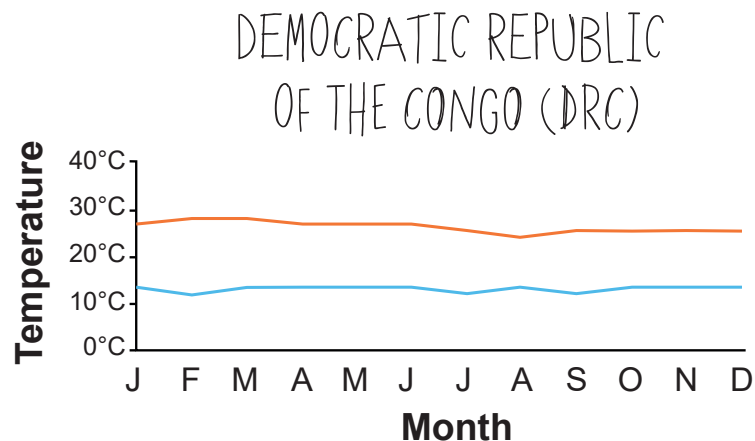
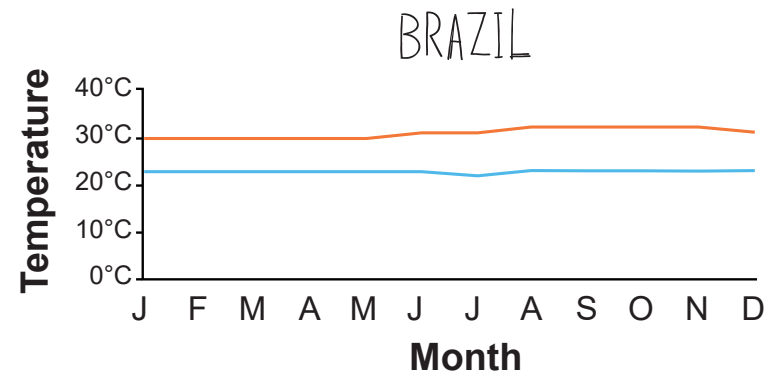
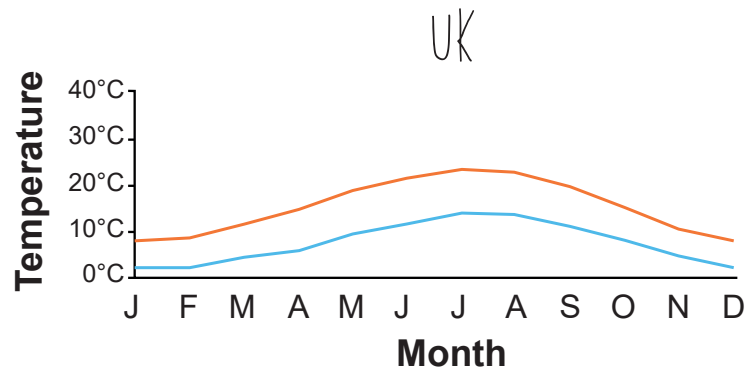


INDONESIA



WHY IS THE WEATHER IMPORTANT TO THE RAINFOREST?

Average (typical, usual) monthly **temperature** of London (UK), Manaus (Brazil), Kisangani (The Democratic Republic of the Congo) and Jakarta (Indonesia):



● Maximum temperature
● Minimum temperature

WHY IS THE WEATHER IMPORTANT TO THE RAINFOREST?

How many months had rainfall over 100mm?

UK: _____

Brazil: _____

DRC: _____

Indonesia: _____

**Which month had the most rainfall?
How many mm of rain fell in this month?**

Month	Approximate amount (mm)
-------	-------------------------

UK: _____

Brazil: _____

DRC: _____

Indonesia: _____

**Which month had the least rainfall?
How many mm of rain fell in this month?**

Month	Approximate amount (mm)
-------	-------------------------

UK: _____

Brazil: _____

DRC: _____

Indonesia: _____

How many months had maximum temperatures over 21°C?

UK: _____

Brazil: _____

DRC: _____

Indonesia: _____

Which month had the highest maximum temperature?

Month	Approximate temperature (°C)
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UK: _____

Brazil: _____

DRC: _____

Indonesia: _____

Which month had the lowest maximum temperature?

Month	Approximate temperature (°C)
-------	------------------------------

UK: _____

Brazil: _____

DRC: _____

Indonesia: _____

WHY IS THE WEATHER IMPORTANT TO THE RAINFOREST?

By using the graphs we can see that London (UK) has:

- An average minimum temperature of 8°C
- An average yearly rainfall of 615mm
- A dry period of 10 months (less than 60mm rainfall)

By using the graphs we can see that Manaus (Brazil) has:

- An average annual temperature of 23°C
- An average yearly rainfall of 2310mm
- A dry period of 1 month (less than 60mm rainfall)

By using the graphs we can see that Kisangani (DRC) has:

- An average annual temperature of 21.75°C
- An average yearly rainfall of 1830mm
- A dry period of 0 months (less than 60mm rainfall)

By using the graphs we can see that Jakarta (Indonesia) has:

- An average minimum temperature of 22.8°C
- An average yearly rainfall of 1810mm
- A dry period of 3 months (less than 60mm rainfall)

1. The table below shows the ideal conditions for growing oil palm trees. Use the information above to tick the locations that have the right conditions in this table

Ideal conditions for oil palm	2-4 Month Dry Period (less than 60mm of rainfall)	1780-2280mm Average rainfall annually?	21-24°C Average minimum temperature?
London (UK)			
Manaus (Brazil)			
Kisangani (DRC)			
Jakarta (Indonesia)			

WHY IS THE WEATHER IMPORTANT TO THE RAINFOREST?

2. Which location or locations would be the best for growing oil palm? Please explain your answer.

3. Rainforests are some of the most biodiverse places in the world, meaning they have a great variety of animals and plants. How might the weather in these areas contribute to this?

