

# Geography Task

To identify physical characteristics of a location.



**Your task is to create a weather report for the Amazon Rainforest.**

You need to compare to the weather in the UK and you must include temperature statistics as well as rainfall statistics (you can use the information on the next page).

If you need ideas for how you can start, read the following:

*Good afternoon and welcome to the BBC news, with me, Delia Shaw. In a few moments we will be bringing you the latest news from across the country but first, we are joined by our weather reporter John King who is bringing you a rather special weather report! Over to you John...*

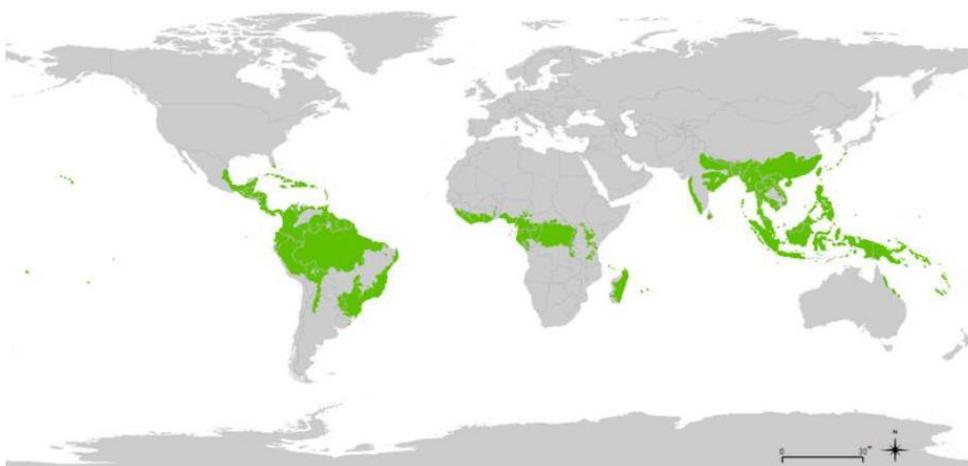
*Thank you, Delia! Yes indeed, we do have a rather unusual weather report today; a slightly more tropical one than we're familiar with here in England. As you can see, I'm standing in the middle of a rainforest, the African Rainforest in fact. Temperatures in the rainforest are considerably higher than that of the UK and peak at 34 degrees Celsius! It's certainly set to be a scorcher of a day. Later on this evening, we can expect temperatures to drop slightly to a more comfortable 26 degrees, however the humidity in the air will still be present. This is a result of...*

**You must include:**

A script of your weather report with:

- A comparison of UK weather
- Temperature statistics
- Rainfall statistics

Illustrations or a graph or diagram



Tropical rainforests are located between Tropic of Cancer and the Tropic of Capricorn and are shown in green on the map.

**Tropical rainforests** are lush and warm all year long! Temperatures don't even change much between night and day. The average temperature in tropical rainforests ranges from 21 to 30°C. The environment is pretty wet in tropical rainforests, maintaining a high humidity of 77% to 88% year-round. The yearly rainfall ranges from 200 to 1000cm, and it can rain hard. It can downpour as much as 5cm in an hour!

### The Amazon Rainforest

The tropical rainforest experiences a humid season throughout the year. In the Amazon forest, there are no periodic seasons such as summer, winter, autumn, and spring by virtue of the tropics. All the land and vegetation between the tropics do not experience these seasons.

Instead, the rainforest experiences fairly hot temperatures of 26-30°C throughout the year. This is attributed to the imaginary Equator line which influences a consistency in the day-long with 12 hours of sunlight all year round. Consequently, there is a constant supply of sunlight. Generally, it is this phenomenon that maintains a warm temperature from a low of 22°C to a high of 34°C in the tropics. Nevertheless, the forest is mostly damp from the constant humidity levels.

Due to the presence of a large forest cover with over 390 billion individual trees, the air feels both stuffy and humid making venturing into the forest a bit cumbersome.

### A typical day in the Amazon Rainforest in July:

▲	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00
Time	Temp	Feels	Rain%	Amount	Cloud	Dir	Speed	Gust	RH	UV	Weather		
10:00	26 °c	28 °c	95 %	1.2mm	99%	↘	1mph	3mph	84%	3			
11:00	27 °c	29 °c	95 %	1.0mm	89%	↘	2mph	4mph	80%	3			
12:00	27 °c	29 °c	95 %	1.1mm	100%	→	2mph	4mph	72%	3			
13:00	27 °c	30 °c	95 %	1.1mm	6%	→	2mph	4mph	63%	3			
14:00	27 °c	29 °c	95 %	1.3mm	10%	↓	1mph	4mph	59%	7			
15:00	27 °c	29 °c	95 %	0.8mm	6%	←	0mph	2mph	65%	6			
18:00	24 °c	26 °c	95 %	0.3mm	100%	↓	1mph	2mph	95%	3			
21:00	22 °c	24 °c	95 %	0.2mm	91%	↓	2mph	4mph	98%	0			
0:00	22 °c	24 °c	0 %	0.0mm	100%	↓	2mph	4mph	98%	0			

### Average temperatures and rainfall in the Amazon Rainforest:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TEMPERATURE °C	27	27	27	28	28	27	27	26	27	28	27	27
RAINFALL mm	225	175	180	200	165	175	185	200	185	210	230	230

### Average temperatures and rainfall in London (to compare):

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TEMPERATURE °C	7	7	9	11	14	16	19	19	17	13	10	7
PRECIPITATION mm	55	41	42	44	50	45	44	50	49	69	59	55