

Climatograms: Comparing Temperature and Rainfall Among 6 Biomes

In Table 1, you will find data on the average rainfall and average temperature for 6 terrestrial biomes. You will be constructing 6 graphs that compare these two climate factors. **Precipitation should be drawn as a bar graph and temperature should be drawn as a line graph.**

For EACH graph, make sure to include: **labeled axes, a descriptive title, and a key/legend.**

Questions for the Graphs (MUST DO GRAPHS FIRST TO ANSWER QUESTIONS)

1. Which terrestrial biome had the most rainfall? Least?
2. Which had the coldest temperatures? Hottest?
3. What affects the temperature and precipitation differences among these various biomes?
4. Why were temperature and precipitation put on the same graph?

Table 1: Average temperature (C) and precipitation (cm) in 6 biomes throughout the year.

Month	Temperate Rain Forest			Desert			Tundra			Coniferous Forest			Deciduous Forest			Tropical Rain Forest	
	C	cm		C	cm		C	cm		C	cm		C	cm		C	cm
Jan	10	20		4	2.2		-28	0.1		-6	1.9		4	12.2		30.1	27.5
Feb	12	18		5	3		-27	0.1		-7	1.5		8	10.2		30	27
Mar	14	18		14	1.5		-23	0		-4	1.5		12	13		31	33
Apr	15	17		20	1		-14	0		4	1		16	9		31	28.1
May	17	13		24	1		-4	0		9	1.5		22	9.5		31	19.5
Jun	18	12		28	1		2	0		12	2		25	8		31	21
Jul	18.5	6		30	0.9		4	1.2		13	3.5		27	10		31	15
Aug	23	4		34	0.9		0	2		10	6.5		24	8.2		31	13
Sep	22	5		35	0.8		-6	2		6	7		20	7		31	12.9
Oct	18	8		30	1.1		-12	1		-2	5		12	6.2		31.2	9
Nov	14	12		20	1.5		-20	0.9		-8	2.2		8	8.5		31.3	15
Dec	11	17		7	2		-25	0.3		-11	2		4	10.2		30	27

Biome _____

cm													C
36													36
34													32
32													28
30													24
28													20
26													16
24													12
22													8
20													4
18													0
16													-4
14													-8
12													-12
10													-16
8													-20
6													-24
4													-28
2													-32
0													-36
	J	F	M	A	M	J	J	A	S	O	N	D	

Biome _____

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