

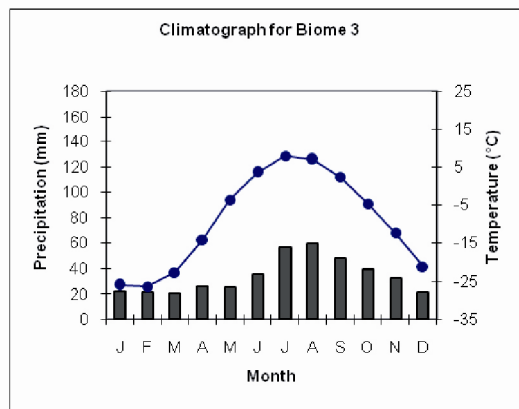
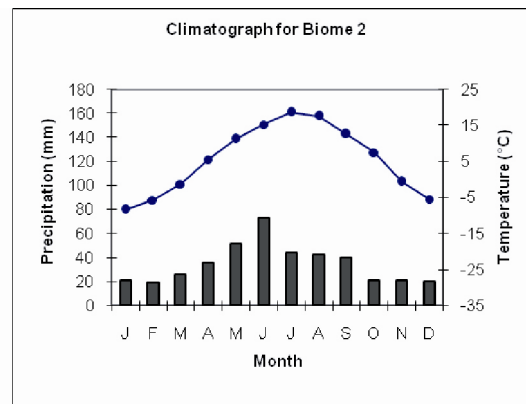
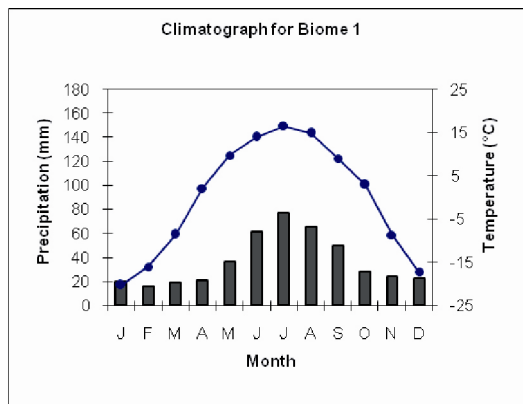
Goal • Compare climatographs from three locations that are typical of different biomes.

Question

What inferences can you make by comparing the climatographs from three locations?

What to Do

The following climatographs give temperature and precipitation data for three typical locations within three biomes. Use the data from the climatographs to complete the table below. You will have to estimate values.



Biome	1	2	3
Warmest average monthly temperature (°C)			
Month with warmest average temperature			
Coldest average monthly temperature (°C)			
Month with coldest average temperature			
Total precipitation (mm) in January, March, August, and October	J: M: A: O:	J: M: A: O:	J: M: A: O:
Driest month and total amount of precipitation for this month (mm)	Month: Total precipitation:	Month: Total precipitation:	Month: Total precipitation:
Wettest month and total amount of precipitation for this month (mm)	Month: Total precipitation:	Month: Total precipitation:	Month: Total precipitation:
Start and end of growing season (months where temperatures first rise above or fall below 5°C)	Start: End:	Start: End:	Start: End:

Analyze

1. Which biome is the closest to the equator? Assume that there are no great differences in altitude among the three locations. Explain your answer.

2. Which biome has the most northerly latitude? Explain your answer.

3. Which biome receives the most annual precipitation? Explain your answer.

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4. Which biome receives the least annual precipitation? Explain your answer.

5. Which biome has the longest growing season? Explain your answer.

6. Which biome has the shortest growing season? Explain your answer.

7. In which biome would animals need to have structural and behavioural adaptations to survive long, cold winters? Explain your answer.

Conclude

8. Infer the biome that is represented by each climatograph. Provide two reasons why you made each inference.

(a) Biome 1

(b) Biome 2

(c) Biome 3
