

Comparing/contrasting precipitation of students' local region with a rainforest region

I. Table 1: Calculating the mean

Watsonville	Toamasina, Madagascar
Jan 113 mm	Jan 410
Feb 123	Feb 380
Mar 92	Mar 480
Apr 43	Apr 330
May 15	May 240
June 2.8	June 270
July 0.25	July 290
Aug 0.51	Aug 240
Sept 5	Sept 130
Oct 28	Oct 150
Nov 70	Nov 180
Dec 108	Dec 360
Mean =	Mean =

II. Determining the median

Watsonville:

Toamasina:

III. Determining the mode

Watsonville:

Toamasina:

IV. Table 2: Comparing values

Watsonville	Toamasina, Madagascar
Mean =	Mean =
Median =	Median =
Mode =	Mode =

Questions

1. When comparing the means, which region receives more precipitation? By how much?
2. List three reasons why (referring to question 1).
 - (a) _____
 - (b) _____
 - (c) _____
3. Which month received the most rain in Watsonville? Why?
4. Which month received the most rain in Toamasina, Madagascar? Why?
5. Which measure is more accurate: mean, median, or mode? Explain why?
6. Do you think Table 2 was helpful? What did you notice?
7. Do you think your graph is an appropriate one to use to represent your data in Table 1? Why?
8. Why are rainforests important?