

Comparing Weather Conditions in your local area and Nepal

We're going to compare the precipitation (rainfall) of places in Nepal to your local area.

The table below contains 7 different towns/cities in Nepal. There is also a space at the bottom of the table to write the name of your local area and the average precipitation per year.

Task

Complete the table by finding the annual average precipitation for each town/city. You will need access to a computer and the internet in order to find this information.

Table to show Average Precipitation in Nepal

| City/ Town Name | Average Precipitation per Year (mm) |
|---------------------------|-------------------------------------|
| Kathmandu | |
| Pokhara | |
| Lalitipur | |
| Bhaktapur | |
| Biratnagar | |
| Dharan | |
| Your local area: _____ | |

Task

Using graph paper, show the above data for Nepal in a bar chart (include your local area in the graph).

Task

Now have a go at answering questions 1-4.

1. What is the difference in precipitation between your local area and Kathmandu?

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2. What is the difference in precipitation between your local area and Dharan?

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3. What is the difference between the town in Nepal with the highest precipitation and the town with the lowest precipitation?

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.....
.....

4. Can you represent these findings on a graph on a separate piece of paper?

Challenge

Make statements about the bar chart you have created. Use these key words to help you.

most

least

driest

drought

flood

likely

similar

wettest



Use the success criteria below to help you with your work – have you included everything?

Ask a friend to check your work 😊

| Steps to Success | Me | Friend | Teacher |
|--|----|--------|---------|
| I can select countries with contrasting volumes of precipitation. | | | |
| I can represent data in a table and bar chart. | | | |
| I can create an accurate scale. | | | |
| I can label the x and y axis and give the chart a title. | | | |
| I can draw clear bars that show the correct information. | | | |
| I have a space in between each bar. | | | |
| I can extract information from the graph and make statements about it. | | | |
| I can compare the weather in my local area to a different country. | | | |