



g the same rainfall on a map

tion of rainfall is shown  
the places having the  
Such lines are called  
they are labelled with the



and

ection),  
over/higher) than the

the rainwater collected.

B. Read the clues and write the names.

1. The place where weather conditions are recorded
2. The thermometers are kept inside this box
3. An automatic barometer
4. The instrument used to measure humidity
5. Rainfall is measured in this unit

Weather Station  
Stevenson Screen  
Barograph  
Hygrometer  
mm

C. Give reasons for the following.

1. The six's thermometers are kept inside the Stevenson screen.
2. The bulb of the wet bulb thermometer is always wrapped in a piece of wet cotton cloth.

D. Answer these questions.

1. How is the Fahrenheit scale different from the Celsius scale? Which one among the two scales is used to measure temperature in India?
2. Describe the working principle of an aneroid barometer.
3. Name the unit used to measure wind speed. What does the arrow of the wind vane point?
4. How will you find the humidity in air? What will be your conclusion if both the dry and the wet bulb thermometers show the same reading?
5. Define isohyets.

### TIME TO DO

E. Study the climatic data of Mumbai. Then answer the questions given below.

Months	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Temp in °C	23.8	24.6	27	28.5	30	29.2	27.7	27.2	27.4	28.4	27.2	25.3
Rainfall in cm	13.1	0.9	0.1	0.5	19.8	511.1	820.9	560.6	323.2	77.5	99.4	3.6

1. Which are the hottest and the coldest months of the year? How much temperature is recorded then?
2. Which are the rainiest and the driest months? How much rainfall is recorded then?
3. What is the total annual rainfall of Mumbai?

### F. Life Skills

It is important to know the proper ways of using and maintaining any instrument or gadget so that it gives uninterrupted service. Choose any one gadget that you have at home and find out ways to maintain it.

### G. Weblink

To know all about weather forecasting, visit <http://sgr.in/natw7-004>