

Name _____

Class _____

Date _____

SECTION 2 PHYSICAL GEOGRAPHY GeoActivity

2.2 WORLD CLIMATE REGIONS

Build a Climograph

In order to classify the climate of a place, geographers need data. They collect this data on a graph called a **climograph**. A climograph shows the monthly average of temperature and precipitation for a location. Bars are used to show average precipitation and dots are used to show average temperature. There are two vertical axes on a climograph—one for precipitation and one for temperature.

Study the chart to learn more about the climate of Kolkata, India. Then answer the questions.

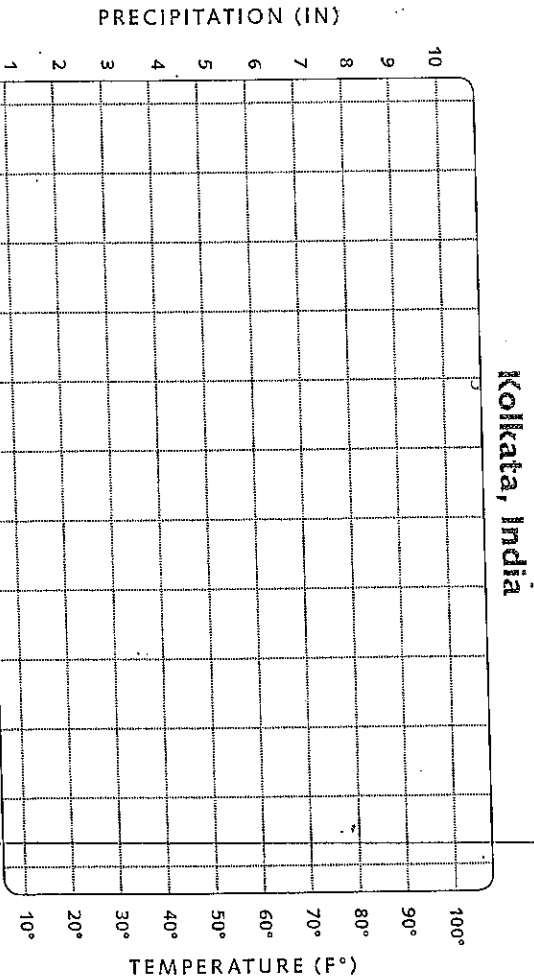
Kolkata, India

MONTH	AVERAGE TEMPERATURE (F°)	AVERAGE PRECIPITATION (in)
JAN	68.50	0.75
FEB	74.00	1.00
MAR	82.00	1.25
APR	87.25	2.00
MAY	88.00	4.00
JUN	86.50	10.00
JUL	84.50	13.00
AUG	84.50	13.00
SEP	84.00	11.50
OCT	82.00	6.00
NOV	75.75	0.75
DEC	69.25	0.25

Source: National Drought Mitigation Center, University of Nebraska

1. Create Graphs Turn the data in the chart into a climograph by plotting the average temperature and precipitation. Color in the precipitation bars and draw a line connecting the temperature dots.

Use with Physical & Human Geography, Section 2.2, in your textbook.
Go to [Interactive Whiteboard GeoActivities at myNconnect.com](http://InteractiveWhiteboardGeoActivities.at.mynGconnect.com) to complete this activity online.



2. Interpret Graphs Which varies least—the amount of precipitation Kolkata receives during the year or the temperature? What is the reason for this pattern?

3. Categorize In what climate zone is Kolkata located? How can you tell?

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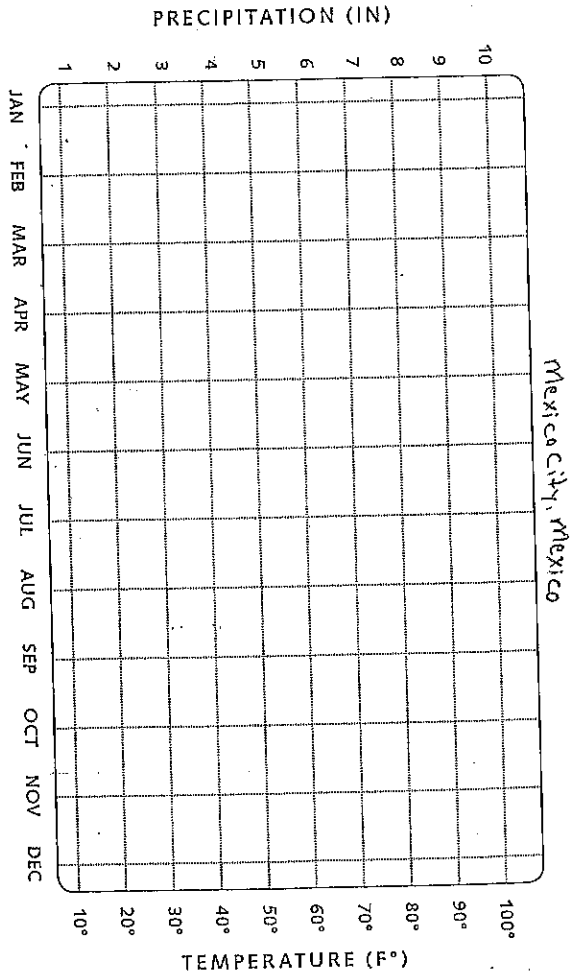
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2.2 WORLD CLIMATE REGIONS

Build a Climograph

MEXICO CITY, MEXICO		
MONTH	AVERAGE TEMP (F°)	AVERAGE PRECIP (IN)
JAN	56.25	0.50
FEB	59.00	0.25
MAR	63.50	0.50
APR	65.75	1.00
MAY	66.50	2.25
JUN	65.00	5.25
JUL	63.00	7.00
AUG	63.50	6.75
SEP	62.50	5.75
OCT	60.75	2.50
NOV	58.75	0.50
DEC	56.75	0.25

Source: National Drought Mitigation Center, University of Nebraska-Lincoln



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