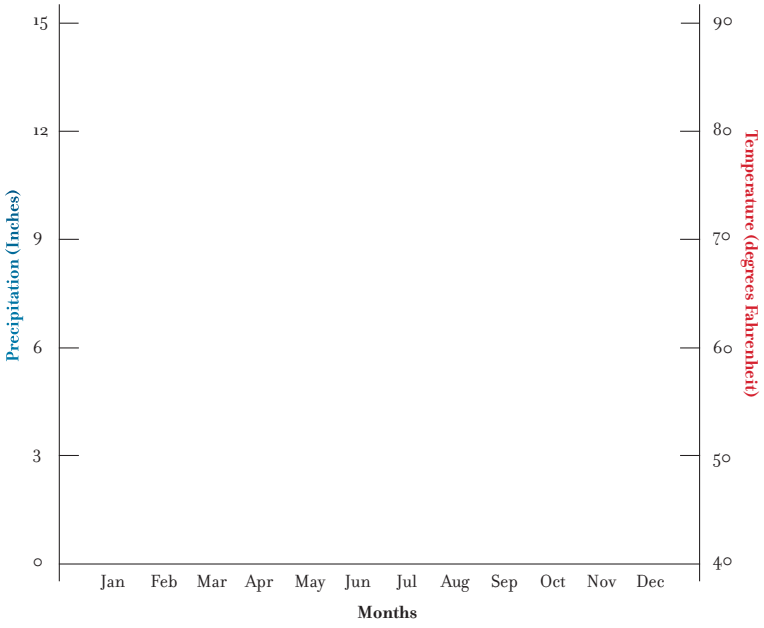
Name _____ Date _____

CLIMOGRAPHS OF THE EVEREST REGION

Create two climographs, one of Kathmandu, Nepal and one of Lhasa, Tibet (China). Use the data in the charts below each graph. Climate graphs combine *precipitation* data in a bar graph with *temperature* data in a line graph. Add data to the chart as points, then draw bars from the bottom of the graph to the points for precipitation. For temperature, connect the dots as a line.

A CLIMOGRAPH OF KATHMANDU, NEPAL

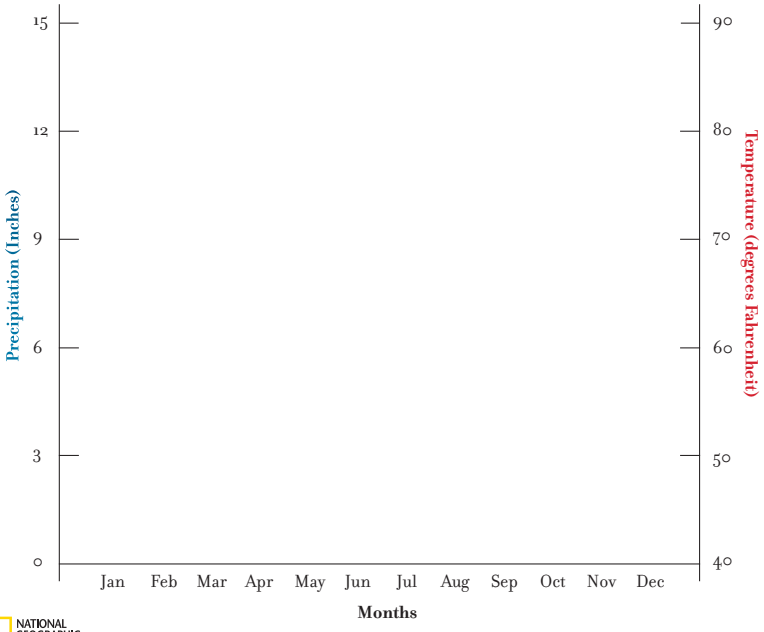
Elevation: **1400 m** Absolute Location: **27.70°N 85.30°E**

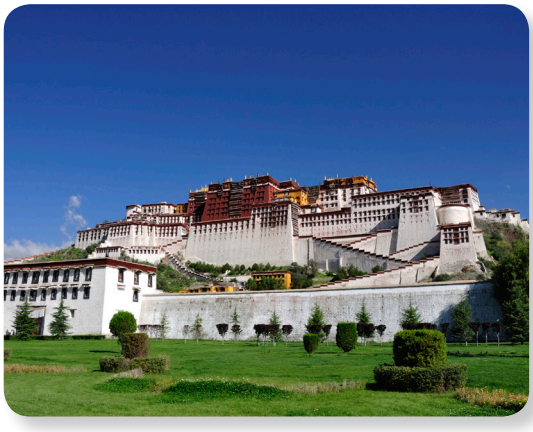


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Precip. (inches)	0.7	0.6	1.2	1.5	4.0	7.9	14.8	12.8	7.4	2.2	0.1	0.4
Temp (°F)	49	55	62	68	73	75	75	75	74	68	59	53

A CLIMOGRAPH OF LHASA, TIBET, CHINA

Elevation: **3658 m** Absolute Location: **29.70°N 91.13°E**





	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Precip. (inches)	0.0	0.1	0.1	0.2	0.9	2.8	5.2	5.0	2.3	0.4	0.1	0.0
Temp (°F)	30	34	41	47	55	62	61	60	57	49	39	32

NATIONAL GEOGRAPHIC education

Name _____ Date _____

CLIMOGRAPHS OF THE EVEREST REGION

Analyze the climographs created on page 1 to answer the following questions.

1. Which is the wettest month in Kathmandu? _____ Lhasa? _____
2. Which is the driest month in Kathmandu? _____ Lhasa? _____
3. What is the average temperature of the hottest month in Kathmandu? _____ Lhasa? _____
4. What is the average temperature during the coolest month in Kathmandu? _____ Lhasa? _____
5. What is Kathmandu's climate? Describe the average precipitation and temperature throughout the seasons.

_____

_____

6. What is Lhasa's climate? Describe the average precipitation and temperature throughout the year.

_____

_____

_____

7. Do you notice a relationship between precipitation and temperature in either location? Describe.

_____

_____

8. How might Kathmandu's and Lhasa's precipitation and temperature patterns differ from Mount Everest?

_____

_____

9. Why do you think these two locations were chosen to compare? How are they different? Similar?

_____

_____

_____

10. How might elevation affect the climates of Lhasa and Kathmandu? And Mount Everest?

_____

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