

THINKING CRITICALLY● **Climate Clues**

The chart below shows climate statistics for some U.S. cities. Information like this is recorded so that meteorologists can study and predict long-term weather patterns. Refer to the chart below to answer the questions that follow.

City	Average Temperature (°C)		Average Annual Precipitation (cm)	Average Number of Days	
	January	July		Clear	Cloudy
Albany, NY	-6.0	21.8	90.7	63	201
Anchorage, AK	-10.5	14.5	38.6	51	249
Boise, ID	-1.1	23.6	29.7	104	178
Boston, MA	-1.3	23.0	111.2	82	175
Chicago, IL	-5.8	22.7	84.6	85	185
Dallas, TX	6.6	30.1	74.8	144	120
Los Angeles, CA	13.3	20.5	30.6	170	68
Minneapolis, MN	-11.5	22.8	66.9	96	180
Nashville, TN	2.8	26.3	123.1	104	156
Portland, ME	-5.8	20.0	110.5	98	191
Salt Lake City, UT	-1.8	25.2	38.8	103	164
San Francisco, CA	9.1	16.7	50.0	183	91
Washington, DC	1.7	26.0	99.0	65	189

- Which city has the highest average temperature in January? in July?
- Which city has the lowest temperature in January? in July?
- What is the average annual precipitation (cm) for each city listed below?
 - Chicago
 - Los Angeles
 - Nashville
 - Salt Lake City
 - Washington, D. C.
 - Albany

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● Climate Clues *continued*

4. Why don't the figures for the average number of clear days and the average number of cloudy days add up to 365 days?
5. Which city has the highest number of cloudy days?
6. If you like clear weather, which city would you prefer to live in? Explain your answer.
7. Which city has the largest range between its average January and July temperatures?
What is the temperature difference?
8. Which city has the smallest range between its average January and July temperatures?
What is the temperature difference?