

Tools for studying climate, such as climate maps and climatographs, present different information. In this activity, you will compare these two ways of presenting climate data and the type of data presented.

**Purpose**

To compare climate data presented by different tools - climate maps and climatographs.

**Procedure (Refer to the on-line Earth & Space notes for this chapter i.e. see "youngs-wiki")**

Steps 1 & 2/P.306 (do not worry about recording/describing information from the graphs)

**Analyze & Evaluate**

- |   |                              |                                |
|---|------------------------------|--------------------------------|
| (a) Which tool provides climate information about a single location?    | <input type="checkbox"/> Map | <input type="checkbox"/> Graph |
| (b) Which tool provides climate information for many locations at once? | <input type="checkbox"/> Map | <input type="checkbox"/> Graph |
| (c) Which tool provides climate data for different times of the year?   | <input type="checkbox"/> Map | <input type="checkbox"/> Graph |

**Evaluate/Apply & Extend** {Be sure to write neatly and to use complete sentences when answering these!}

- (d) Why does using both a climatograph and a climate map give a more complete view of the climate of a region?

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- (e) Which tool would be most useful to people deciding where to live?

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- (f) Which tool would be most useful to people deciding on the best months to take a snowboarding vacation?

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- (g) How might scientists use these tools to make informed decisions about seasons?

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