

In order to answer this question, you'll need to watch all parts of the *Glacial Dynamics* animation, then experiment with the *Glacial Terminus* simulation. Click [here](#) to access the *Glacial Dynamics* animation.

Once you have watched the Introduction, use the Topics menu to open the *Glacier Terminus* simulation:

Analyze the variables in the *Glacier Terminus* simulation to figure out which conditions will result in maximum glacial advancement.

To do this, manipulate the sliders to change the rate of glacial flow and the valley temperature. Once you have selected a set of conditions that you want to analyze, click on the "Apply Conditions" button to watch how the glacier behaves. Repeat this for several different combinations.

Which conditions result in maximum glacial advancement?

Choose one or more:

- ☐ A. increasing the valley temperature
- ☐ B. decreasing the rate of glacial flow
- ☐ C. decreasing the valley temperature
- ☐ D. increasing the rate of glacial flow