



Chapter 16

Glaciers and Glaciation

Glaciers

- ***A **glacier** is a large, permanent (non-seasonal) mass of ice that is formed on land and moves under the force of gravity.***
- ***Glaciers may form anywhere that snow accumulation exceeds seasonal melt.***

Types of Glaciers

- ***Alpine glaciers form in the mountains.***
 - ***A valley glacier is one that occupies a valley,***
 - ***An ice cap is a mass of ice that occupies a high mountain area and flows outward in several directions.***
- ***Continental glaciers (ice sheets) may cover large sections of continents as in Greenland and Antarctica.***