

Earth Science

With

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Glaciers

Where glaciers form:

- Far North Latitudes / Far South Latitudes
- Mountains (Valleys)



Glaciers

2 Types of Glaciers

1) Valley Glacier – Forms on top of a mountain and travels down the valleys.

2) Continental Glacier – Form on the continents over extreme latitudes.



Glaciers

Glaciers form U-SHAPED VALLEYS!!!!

As a glacier moves it eventually ends up in an ocean (continental glacier):

Calving – when pieces of the glacier break off into the ocean.

Icebergs



Glaciers

- Deposits from the glaciers:
 - Glacial Till
 - Accumulation of these deposits form a MORAINE.
- As the glacier moves (with huge rocks embedded in it) these huge rocks gouge out the bedrock.

Striations

Glaciers

- Evidence of Glaciers:
- 1) The FINGER LAKES are an example of evidence that glaciers were once over NYS during the last ice age.
- 2) Drumlins (bluffs on Lake Ontario)



Glaciers

- Ice Age – Extensive periods of glaciation.



That's it

