

## When was the north covered in ice?

Britain has been covered in ice during several ice ages over the last 500,000 years. The most recent ice age ended only 10,000 years ago. Glaciers and ice sheets scoured the landscape, wearing away rocks to form stunning glacial landscapes such as the Scottish Highlands, Lake District and North Wales.

The map below shows the extent of ice cover in an ice age 22,000 years ago. Much of the ice sheet covering the north was 1 km thick! This ice age peaked 21,000 years ago and ended 11,500 years ago.



## Key Words

Abrasion	This is where rocks act as sandpaper and the rocks below it to become smooth.
Corrie	This is an arm-chair shaped hollow that is created by snow being compressed into ice, and by erosion processes.
Geological Time	This refers to a time period of millions of years when different events occurred that shaped our planet.
Plucking	The motion of ice freezing around an object and pulling it away. This is a form of glacial erosion
Resistance	This refers to how hard it is to erode a rock. A more resistant rock is hard to erode.
Glacier	A slowly moving mass or river of ice formed by the accumulation and compaction of snow on mountains.
National Park	An area of countryside, or occasionally sea or fresh water, protected by the government for the enjoyment of the public and to protect wildlife.
Landscape	All the visible features of an area of land, often thought about in terms of its aesthetic (visual beauty) appeal.
Tourism	An industry (group of businesses) relating to people visiting places for leisure and fun e.g. hotels and tour operators.

## What are National Parks?

Much of the stunning landscape created by ice in the north is now protected as a national park. National parks are world-class landscapes with the power to inspire everyone. The map below shows the location of UK National Parks.

- There are 15 National Parks in the UK
- They have over 1,300 km public rights of way
- They host over 330 conservation projects
- A mass trespass in 1932 in the Peak District led to 5 men being imprisoned, but also it put pressure on the government to create National Parks so everyone had the right to access these areas of inspirational beauty.

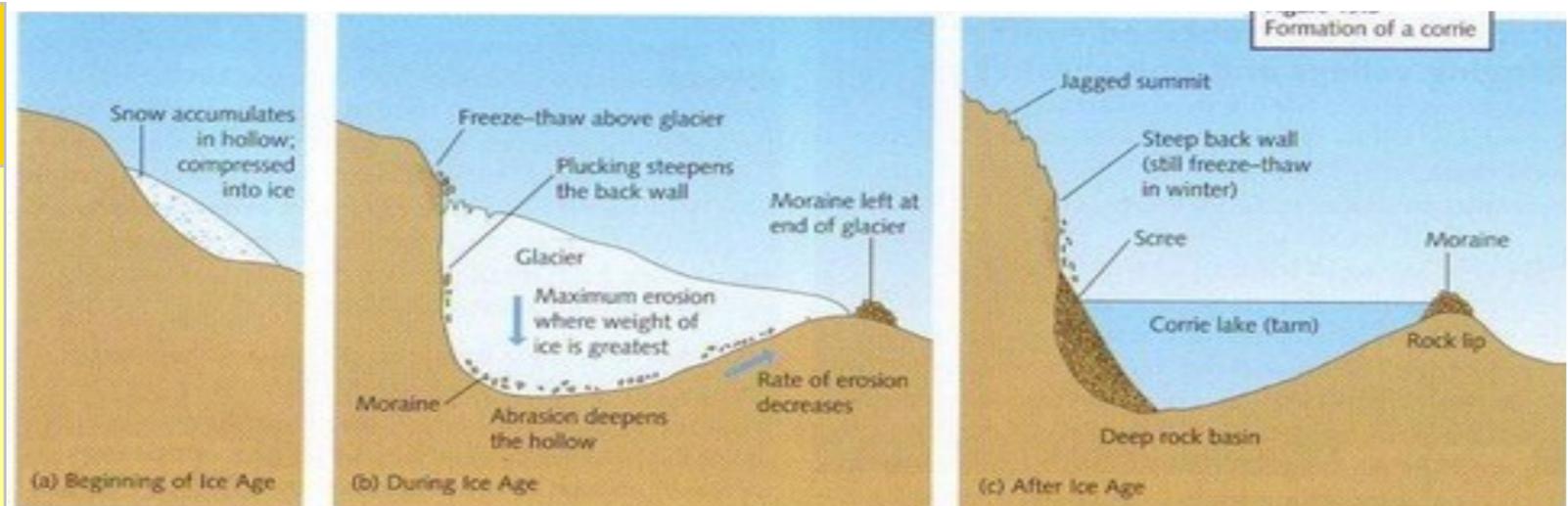


## How do we know the Lake District was covered in ice?

The Lake District is a National Park in the north west of England. Maps and photographs reveal evidence of stunning landforms created by ice. For example Helvellyn is a mountain standing 949m high, it was shaped during the last ice age. It has two aretes, one is called Striding Edge, and a corrie called the Red Tarn.

## What landforms do glaciers make?

Glaciers make landforms such as U-shaped valleys, aretes, pyramidal peaks and corries. Here is how a corrie is formed using erosional processes:



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