



Neptune's Staircase

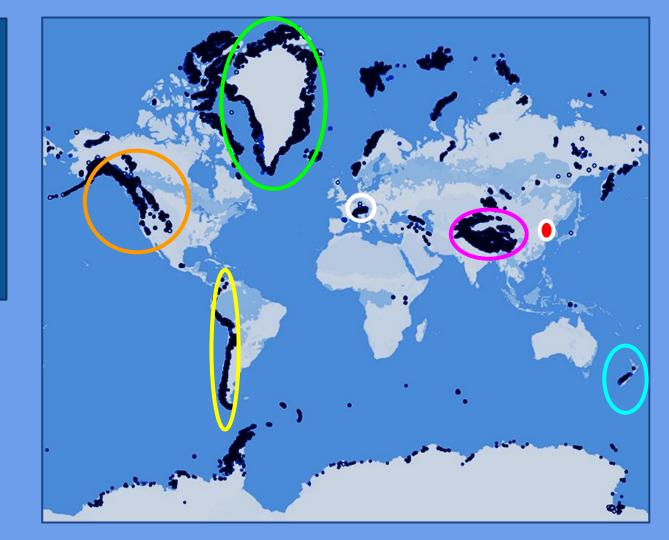
Glacier Review





Where ...

```
... is Beijing?
... is New Zealand?
... are the Andes?
... are the Alps?
... is Greenland?
... are the Rockies?
... are the Himalayas?
```



Limnology The Study of Water Bodies

Secret Slide

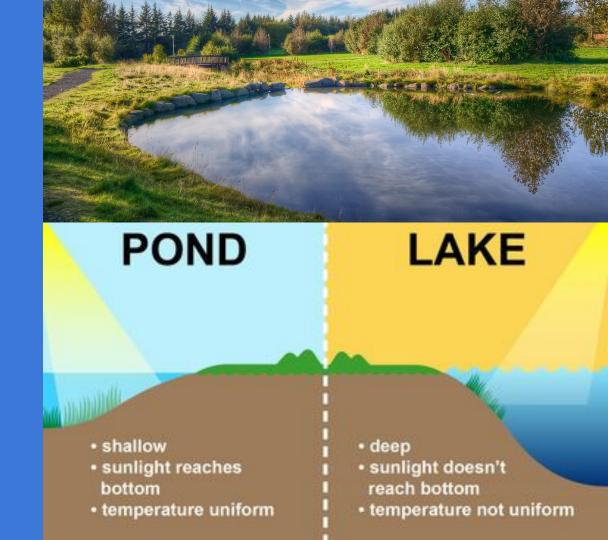
Secret Slide

Pond

Ponds are not very deep. They are shallow. Lakes are deep.

The Sun reaches the bottom, you can usually see the bottom of a pond.

They are about the same temperature at the bottom as the surface. Lakes are cold at the bottom.



Lagoon

A lagoon is a body of water, usually salty, protected from the ocean by a coral reef or sandbar.

They look like ocean ponds.

Lagoon comes from the Latin word "lacuna" meaning hole. Latin is the ancient Italian language of the Romans. In Italy today they say "laguna".





Lagoons & Atolls



Sea

A sea is a giant lake.

It is salty water.

- A. Some are next to other seas.
- B. Some are connected to the ocean.
- C. Some flow into the ocean via a stream.
- D. Some are completely isolated from the ocean.
- E. Some seas are actually totally dried up.





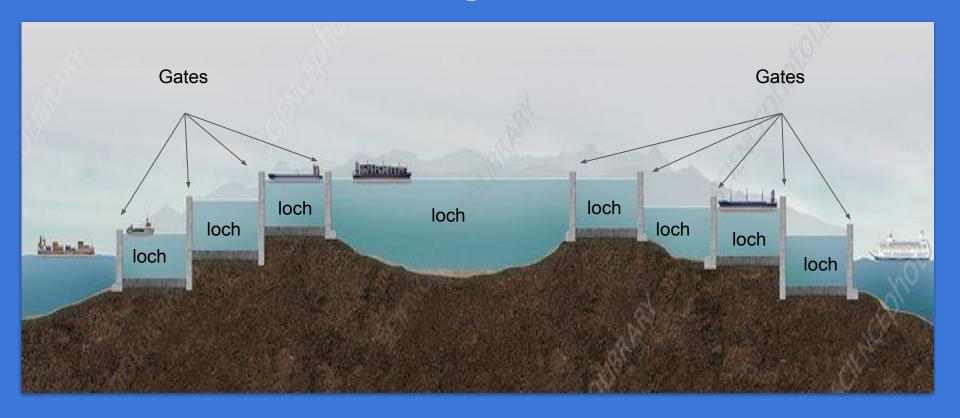
Loch

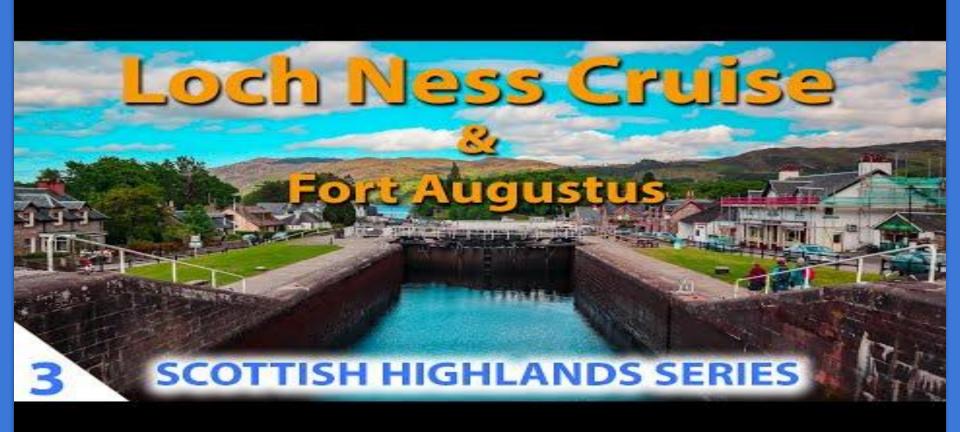
A loch is a body of water in a deep valley connected to the ocean by a narrow passage controlled by a pair of gates, also called a Loch.

This lock is called Loch Ness. It is in Scotland. Some say it is home to a giant sea creature but there is no evidence to support that claim.



A series of lochs and gates







Falkirk Wheel

Reservoir

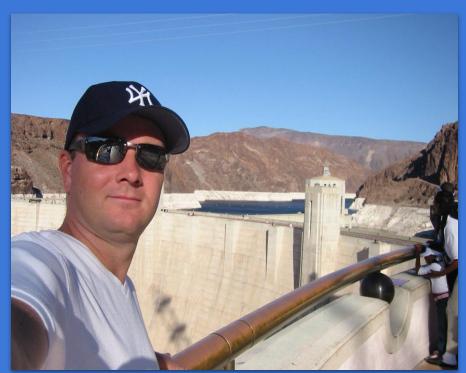
These are bodies of water created by building a dam across a valley.

The reservoir is a reserve of water. Reserve means to keep. Water storage.

We keep water in a reservoir for cooking, drinking and washing and sometimes to make electricity in a hydroelectric power station.









Hoover Dam & Lake Mead



Hoover Dam & Lake Mead

Fjord

Glaciers created valleys in the rock during an ice age when the Earth was very cold.

When things warmed up again the ice melted and the ocean level rose filling the valley.

Fjords are connected to the ocean. They are mostly salt water with a thin layer of freshwater on top from waterfalls and rainfall.



Milford Sound, New Zealand





A "fjord" is a glacial valley flooded by the sea. A "sound" is a river valley flooded by the sea. Milford Sound is actually a fjord, not a sound.

Secret Slide

