

How Our Lakes Are Formed

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Glacial Lakes

- Glacial Lakes are formed as a glacier moves back and forth across land and blocks of ice are broken off. The ice then melts, and the sand and gravel cave in leaving a hole behind.

- <http://www.rutahsa.com/PNLlangucu2.jpg>



Solution Lakes

- Solution Lakes are formed when underground deposits of soluble rocks are dissolved by water running through the area.

- http://www.dw-world.de/image/0,,1632153_4,00.jpg



Oxbow Lakes

- Oxbow lakes are portions of a river that have been “cut off” due to erosion.
- <http://www.flickr.com/photos/nullboy/157427627/>



Man-made Lakes

- Lakes constructed by humans to supply drinking water to the public to provide power, to aid in navigation, to provide flood control, and for recreational purposes.

- <http://www.flickr.com/photos/wiless/2266648137/>



Animal-made Lakes

- Most animal-made lakes are made by beavers. Beavers create dams out of sticks, mud, and aquatic plants across streams to stop the flow of water.

- <http://photos.innersource.com/group/7626>



Volcanic Lakes

- Volcanic lakes are formed through volcanic activity. When magma is discharged from a volcano it can form empty depressions, which over time fill with rain water and runoff to form a new lake.
- Lava flows can also form lakes. When lava hardens on the surface, the lava underneath is still hot. Because of this the surface collapses creating a depression. They eventually fill with water to form small lakes.

- <http://www.flickr.com/photos/druclimb/357457703/>



Landslide Lakes

- Landslide lakes are formed when large quantities of material fall from the sides of steep valleys into streams, eventually creating a dam and stopping the flow of the stream. Thus creating a lake.
- <http://www.thermojetstove.com/natureshots/Victoria/images/30-Landslide%20Lakes.jpg>



Tectonic Lakes

- Tectonic lakes are depressions formed by the movements of the earth's plates. The earth's crust separates, resulting in an earthquake. The depression made is then filled with water from rainfall and from the ground.

- http://4.bp.blogspot.com/_k4mvfxHDIVA/SMzZGyGufBI/AAAAAAAAAF0/zIYELGd9E8c/s400/PalakTwo.JPG

