The Eruption of the Eyjafjallajökull Volcano!!

Located on the Island of Iceland In the Atlantic Ocean

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Started: April 14th, 2010

Ended: June 23rd, 2010



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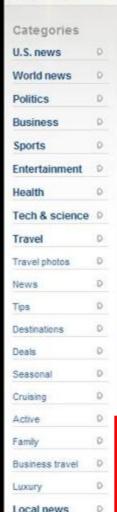
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Volcanic ash grounds aircraft across Europe

Half of North American flights likely hit Friday; worst disruption since 9/11



Carl Court / AFP-Getty Images

Ash from Iceland's active volcano creates a scenic sunset Thursday at London's Gatwick Airport, which like most airports in northern Europe was shut down due to the eruption.

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msnbc.com staff and news service reports updated 1 hour, 14 minutes ago

LONDON - An enormous ash cloud from an Icelandic volcano caused the biggest flight disruption since 9/11 as it drifted over northern Europe and stranded travelers on six continents Thursday.

Officials said it could take days for the skies to become safe again in one of aviation's most congested areas.

The cloud, floating miles above Earth and capable of knocking out jet engines, wrecked

Iceland volcano: More resources

Live webcam of the volcano

BBC: Why we can't fly through ash | Live blog

The Guardian: How the ash is spreading

Map: Tweets from around Europe

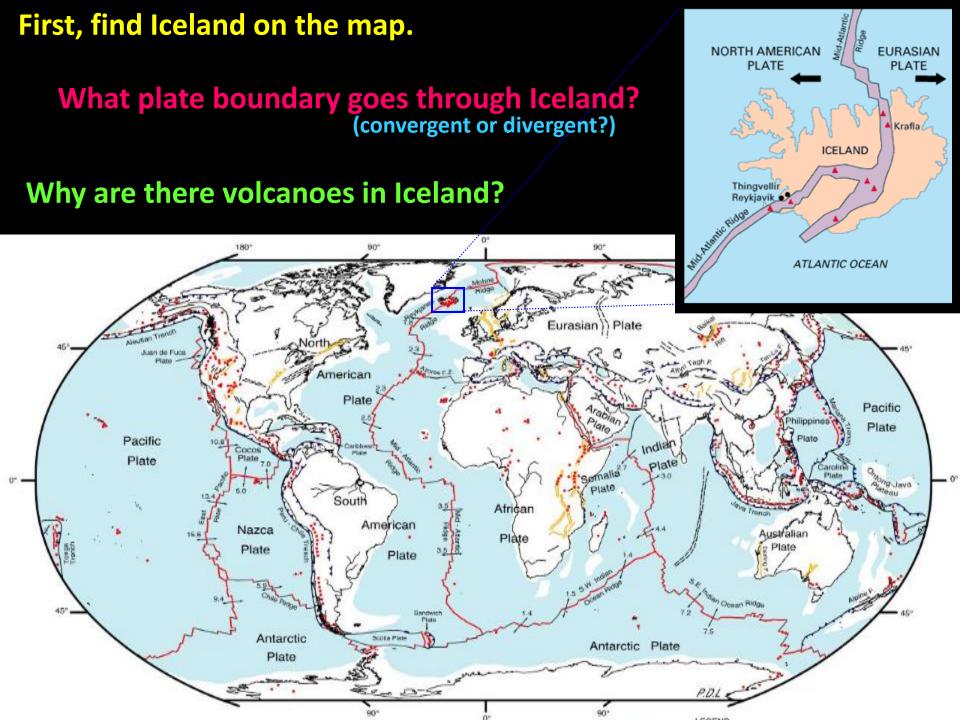
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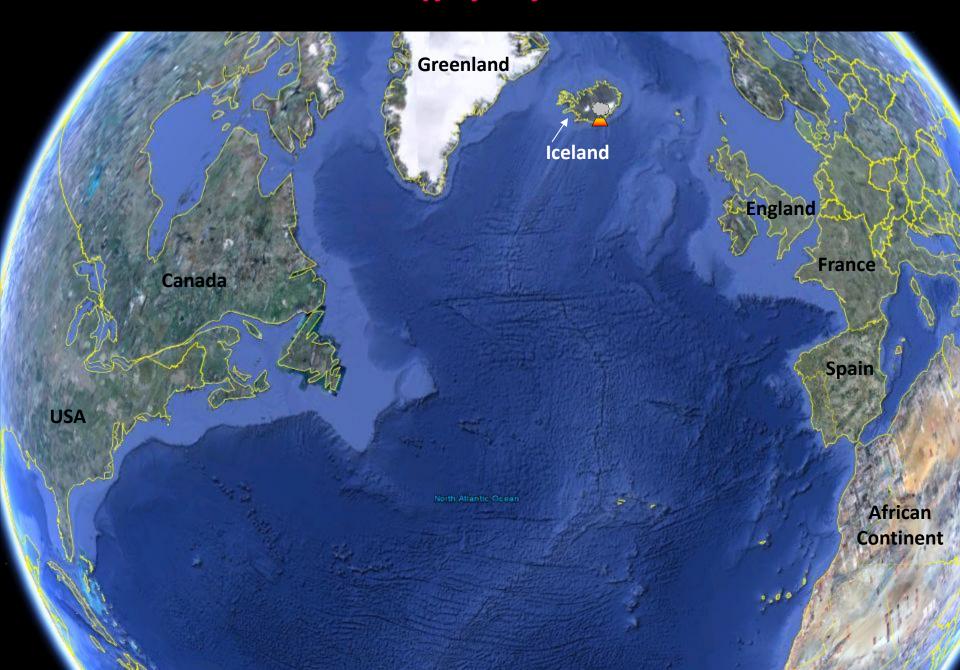
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Where is the Eyjafjallajökull volcano?

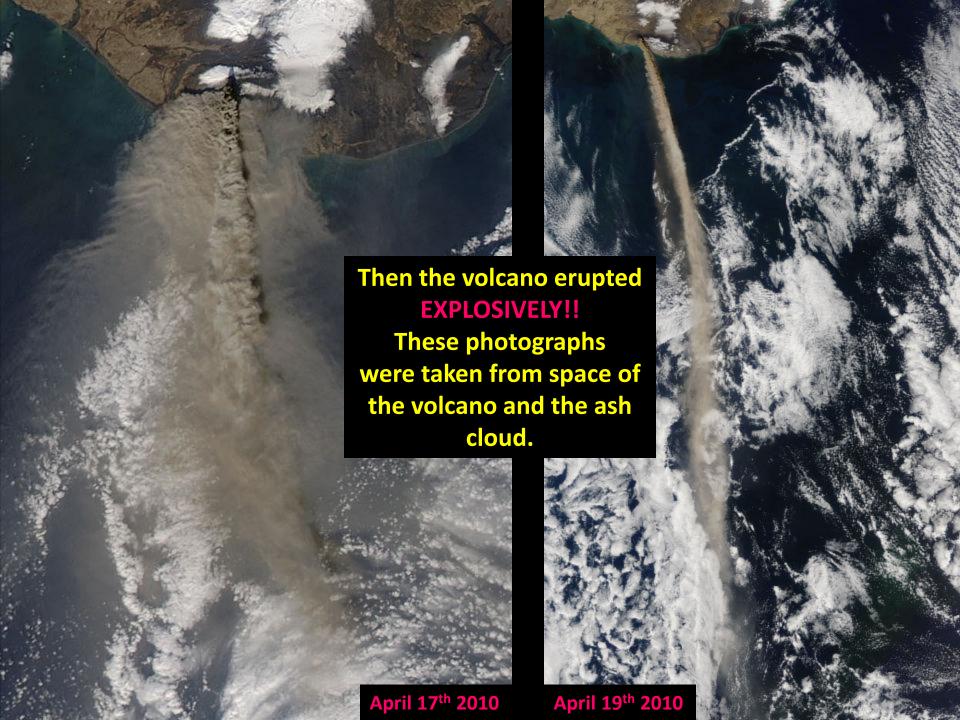


How far did the volcanic ash cloud from the eruption travel?



First the volcano erupted as a "Strombolian" eruption — meaning that it ejected lots of hot cinders and lava bombs a few hundreds of meters into the air! (end of March - beg. of April)





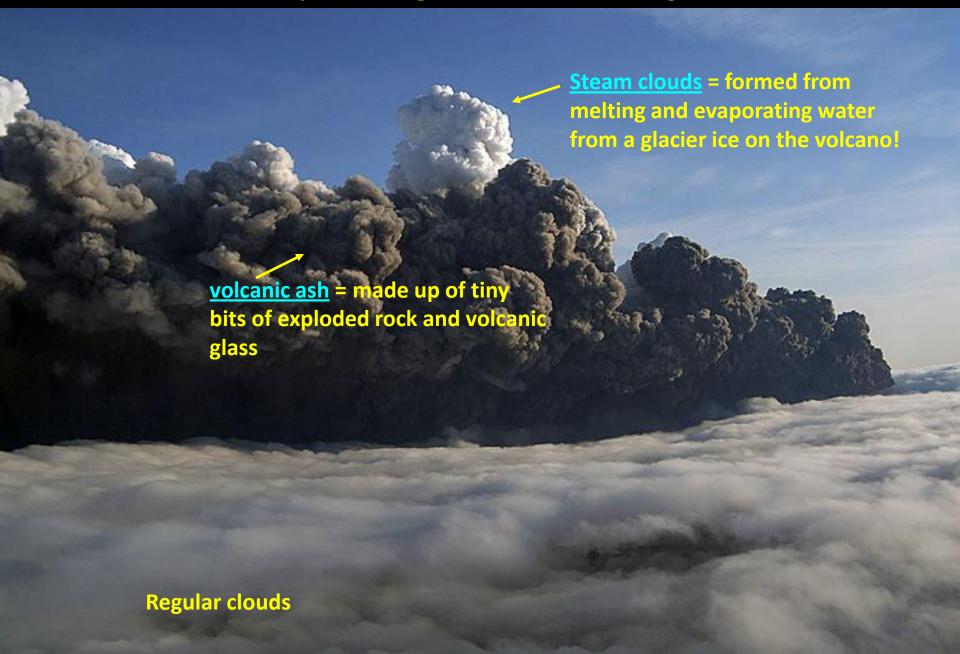
Volcanic eruption cloud rises above clouds



Awesome!



The white clouds are steam clouds, and the dark clouds are volcanic ash clouds, made up volcanic glass, bits of rock, and gasses.



Ash clouds from the eruption. The ash is falling out and will eventually reach the ground.



The Eyjafjallajökull volcano has a glacier on top of it



Part of the glacier melted due to the heat of the eruption!



Melt water and volcanic ash flowed downstream



When this ash and water mixture flowed downstream it caused flooding!



How do you think volcanic eruptions can affect people?



World Economic Influence of Eruptions



How did the volcanic eruption affect air travel in particular?

What factors might influence where and how far the ash travels?

