**2010 eruptions**

[](http://en.wikipedia.org/wiki/File:Fimmvorduhals_2010_03_27_dawn.jpg)

[http://bits.wikimedia.org/skins-1.5/common/images/magnify-clip.png](http://en.wikipedia.org/wiki/File:Fimmvorduhals_2010_03_27_dawn.jpg)

The eruption on 27 March 2010

1.On 26 February 2010, unusual seismic activity along with rapid expansion of the Earth's crust was registered by the [Meteorological Institute of Iceland](http://en.wikipedia.org/w/index.php?title=Meteorological_Institute_of_Iceland&action=edit&redlink=1). This gave [geophysicists](http://en.wikipedia.org/wiki/Geophysicist) evidence that magma was pouring from underneath the crust into the [magma chamber](http://en.wikipedia.org/wiki/Magma_chamber) of the Eyjafjallajökull volcano and that pressure stemming from the process caused the huge crustal displacement at Þorvaldseyri farm. The seismic activities continued to increase and from 3–5th March, close to 3,000 earthquakes were measured at the epicentre of the volcano.

On 14 April 2010 Eyjafjallajökull resumed erupting after a brief pause, this time from the top crater in the centre of the glacier, causing [melt water](http://en.wikipedia.org/wiki/Meltwater) [floods](http://en.wikipedia.org/wiki/Flood) (also known as [jökulhlaup](http://en.wikipedia.org/wiki/J%C3%B6kulhlaup)) to rush down the nearby rivers, and requiring 800 people to be evacuated. This eruption was explosive in nature and is estimated to be ten to twenty times larger than the previous one in [Fimmvörðuháls](http://en.wikipedia.org/wiki/Fimmv%C3%B6r%C3%B0uh%C3%A1ls). This second eruption threw volcanic ash several [kilometres](http://en.wikipedia.org/wiki/Kilometre) up in the atmosphere which led to [air travel disruption](http://en.wikipedia.org/wiki/Air_travel_disruption_after_the_2010_Eyjafjallaj%C3%B6kull_eruption) in northwest Europe for six days from 15 April 2010, including the closure of [airspace](http://en.wikipedia.org/wiki/Airspace) over most of Europe. The eruptions also created rare [electrical storms](http://en.wikipedia.org/wiki/Dirty_thunderstorm).

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