

Eruption in Eyjafjallajökull

Status Report: 14:00 GMT, 24 May 2010

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Based on: IMO seismic monitoring; IES-IMO GPS monitoring; IMO hydrological data; web cameras, ATDnet – UK Met. Offices lightning detection system, Satellite images and web-based ash reports from the public.

Eruption plume:

Height (a.s.l.): According to a webcam, the plume is estimated at 2 km/6600ft. A light northerly wind.

Heading: South.

Colour: White, steam.

Tephra fallout: No reports of ashfall.

Lightning: No lightning strikes have been detected.

Noises: No reports.

Meltwater: Low discharge from Gígjökull.

Conditions at eruption site: Similar as yesterday, estimated through a webcam.

Seismic tremor: Volcanic tremor is still decreasing and is approaching the level it had before the eruption.

Earthquakes: Earthquake activity has decreased since yesterday. One earthquake has been recorded since midnight.

GPS deformation: Horizontal displacements toward the centre of Eyjafjallajökull volcano and subsidence.

Overall assessment: The eruption seems to be dormant. There is still a considerable amount of steam coming from the crater, but no ash can be seen in it. The tremor is still higher than before the onset of the eruption, especially in the frequency band 1-2 Hz.