

Eruption in Eyjafjallajökull

Status Report: 17:00 GMT, 14 May 2010

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

Eruption plume:

Height (a.s.l.): Mainly ~7 km / 24,000 ft.

Heading: West and later southwest.

Colour: Grey.

Tephra fallout: Ashfall reported from the Vestmanna Islands, Rangárþing east and in Reykjavík.

Lightning: More than 50 lightning strikes were recorded on the ATDnet during the last 24 hours. Between 4 and 5 this morning, 10 lightning were detected.

Noises: No reports.

Meltwater: Low water discharge at Gígjökull.

Conditions at eruption site: No reports

Seismic tremor: Similar to previous days.

Earthquakes: Three earthquakes were located beneath Eyjafjallajökull, at ~ 7 -8 km depth.

GPS deformation: Slight horizontal displacements towards the center of Eyjafjallajökull volcano and subsidence.

Overall assessment: No major changes are seen in the activity. Presently there are no indications that the eruption is about to end.