Eruption in Eyjafjallajökull
Status Report: 17:00 GMT, 26 May 2010

Icelandic Meteorological Office and Institute of Earth Sciences, University of Iceland

Compiled by: Hjörleifur Sveinbjörnsson, Teitur Arason and Sigrún Hreinsdóttir

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 webcamera in the morning, the plume was estimated at 2 km/6600ft. 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 webcamera. But in the afternoon the visibility has been very poor caused by ash that has been blown up around the volcano. Because of this, the visibility in Vestmannaeyjar was 1 km and 2 km in Vatnsskarðshólar and the volcano could not be seen on the webcameras in the afternoon.

Seismic tremor: Volcanic tremor is still more than before the eruption and has been rather steady the last couple of days, but small pulses, mostly on the lowest frequency (0.5-1.0 Hz), are being detected on the earthquake stations around the volcano.

Earthquakes: Four earthquakes have been detected under the volcano today, but 16 earthquakes were detected there yesterday.

GPS deformation: No significant deformation at sites around Eyjafjallajökull in the last couple of days.

Overall assessment: There is still a considerable amount of steam coming from the crater. The tremor is still higher than before the onset of the eruption, and small tremor pulses have been detected on the lowest frequency.

Very fine ash has been blown up, but it does not go very high up in the air, but covers the volcano so it can not be seen on webcameras..