



RÍKISLÖGREGLUSTJÓRINN

STATUS REPORT

2 July 2010, Eyjafjallajökull Volcanic Eruption



- Summary:**
- Minor volcanic activity
 - Water is collecting in the Eyjafjallajökull crater
 - In the last few days there has been extensive wind-blown ash in the area surrounding Eyjafjallajökull

Volcanic activity:	Volcanic activity is minor and seismicity is low.
Volcanic plume:	The steam plume occasionally reaches the altitude of 100 m
Ash fall:	There is no ash fall but there has been extensive wind-blown ash in the last few days
Water discharge:	Water build-up in the main crater is monitored whenever possible. There is little water discharge from Gígjökull but the water levels in Markárfljót and the rivers in Þórsmörk rose yesterday due to heavy rain-fall.
Other information:	In the past week several tremors have been detected under Eyjafjallajökull and Mýrdalsjökull. All have been small and near the surface.
Information centre:	At the beginning of this month Ms. Sigrún Árnadóttir took up her position as the project manager for the Eyjafjallajökull eruption information centre. In the coming days she will meet with representatives of the Department of Civil Protection and the communities near Eyjafjallajökull. To begin with, she will be situated in the Department of Civil Protection offices at the Rescue Centre in Skógarhlíð, but in the future she will alternate between Vík í Mýrdal and Hvolsvöllur. Her main task is to handle the consequences of the eruption that concern the local population and the rebuilding effort. Sigrún Árnadóttir worked for the Icelandic Red Cross for many years, for most of that time as its managing director. For the last several years she has been furthering her education and running a consulting firm. The team welcomes Sigrún aboard.
Clean-up:	Four staff members are working for Rangárþing eystra, helping with the clean-up and other tasks on the farms. Mr. Sveinbjörn Jónsson heads the group and requests for assistance should be directed to him through phone no. 862-1814 or by e-mail at sveitin@hvolsvollur.is Four staff members are doing do clean-up work for Mýrdalshreppur and Skaftárhreppur.
Airborne particle observation :	The Environment Agency, the Chief Epidemiologist and the Department of Civil Protection have issued information on ash mist/wind-blown ash and instructions on what to do under such conditions. The instructions can be found at www.ust.is , www.landlaeknir.is and www.almannavarnir.is There has been extensive wind-blown ash in the south of Iceland in the last two days and on Thursday 1 July the airborne particle 24 hour averages were far above the health regulation limit of 50 µg/m ³ in Heimaland and Hvolsvöllur. The air quality in Vík í Mýrdal was adequate at the same time. The levels were high in Heimaland between the hours of 8:00 and 20:00 and peaked around 14:00 hours (at 3241 µg/m ³). In Hvolsvöllur the airborne particle concentration peaked (at 1606 µg/m ³) around 21:00 hours. Instructions on how to react to wind-blown ash can be found at www.ust.is and the city of

[Reykjavík website](#) has information on air-borne particle criteria.

To follow the air-borne particle measurements in the ash-fall areas visit <http://kort.vista.is/> (for Heimaland and Vík í Mýrdal) and www.loft.rvk.is (tagged "mobile measurement unit") for Hvolsvöllur.

The 24 hr averages for airborne particles in Hvolsvöllur, Heimaland and Vík í Mýrdal were as follows:

Date	Hvolsvöllur	Heimaland	Vík í Mýrdal
	24 hour average ($\mu\text{g}/\text{m}^3$)	24 hour average ($\mu\text{g}/\text{m}^3$)	24 hour average ($\mu\text{g}/\text{m}^3$)
25 June	26	9	54
26 June	402	590	80
27 June	140	239	101
28 June	48	39	70
29 June	19	19	70
30 June	475	153	169
1 July	256	631	58

Flights: All flights are on schedule

Road conditions: Information on road conditions can be found at the Road Administration's website, (www.vegagerdin.is). The road to Þórsmörk is open to four-wheel drive jeeps. The site of the Gígjökull glacial lagoon is closed to all traffic due to danger of toxic gases, and all driving on the dry lagoon bed is forbidden. The road to Hamragarðaheiði is closed and likewise the road to Skógaheiði. The hiking route over Fimmvörðuháls is open and a path had been marked over the new lava field, which has been named Goðahraun.

Next status report: Has not been scheduled. There will be no more status reports while the situation remains largely unchanged.

Next information meeting: Has not been scheduled

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Duty officer

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