

Brief report on gas measurements at the eruption site (26 March 2015)

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General conditions:

Windy day with wind coming from the west. There are still visible active fumaroles as well as heating spots across the lava field. The crater is very unstable. There are evidences of rock movements along the crater slopes since the last time the IMO team went into the field (3-5 March 2015).

Gas measurements:

No detection of SO₂, CO, H₂S while walking across the lava field to reach the crater.

Within the crater, at the same location of last measurements (4 March), the concentration of SO₂ was higher than 40ppm (personal sensor was saturated). The release is very localized and the wind condition was not allowing the gas to spread significantly.

Currently the MultiGAS is measuring within the crater.

Today, Baldur and Pálmi will also measure gas concentration at fumaroles within the lava field and will do DOAS traverses to estimate SO₂ flux.