Radar observations at the Eyjafjallajökull eruption site
15-16 April 2010

Institute of Earth Sciences and the Icelandic Coast Guard

Above: Eyjafjallajökull 19 March 2010 (picture taken by Eyjólfur Magnússon)
Radar images acquired by the Icelandic Coast Guard, 15 April, between 5:00 and 6:00 PM. Glacier margin (blue) and surface contours from 2004 (© SPIRIT project/CNES 200X/Spot Image)

Holes in the glacier surface melted by the eruption

Flood courses on the glacier surface
Radar images acquired, 15 April, around 8:00 PM shortly after flood burst down from Eyjafjallajökull towards north.

The flood water broke new holes in the ice surface.
Radar images acquired 16 April, around 4:15 PM

Holes in the glacier surface within the crater enlarged further by the eruption

Holes formed by the flood water enlarged