Analysis Summary:
The satellite-detected thermal anomalies on the Nyiragongo volcano are centered over the main crater and extend up to 3km along the eastern and western slopes. These thermal anomalies are likely to represent active fires and/or volcanic material on the surface of the volcano, and have been identified on six separate days over the time period 10 April - 4 May 2009. The MODIS satellite image below recorded on 4 May shows an volcanic eruption in progress, with a primary westerly outflow direction. This is a preliminary assessment and has not yet been validated on the ground.

This map illustrates satellite-detected thermal anomalies (likely active fires and/or volcanic material) across the majority of the Nyiragongo volcano. These fire anomalies were detected by the MODIS Aqua and Terra satellites covering the time period from 10 April to 4 May 2009. Please note it is likely that this product has not recorded all active thermal anomalies in the area because of dense cloud cover and/or gaps in satellite coverage and thus represent a minimum extent of the volcanic activity. This is a preliminary analysis & has not yet been validated in the field.