



**Map Information**

Detail frame of major landslide area

**Interpretation**

Heavy rainfall on February 20, 2010 caused floods and landslides on the Atlantic island of Madeira. At least 48 people were reported dead and 120 injured. The village of Curral das Freiras in the center of the island was isolated for two days due to blocked or damaged roads. Several mudflows and landslides affected vegetation and infrastructure. Furthermore, many roads on the island were destroyed or blocked.

Damage assessment was done through visual interpretation of post-disaster GeoEye-1 imagery acquired on February 23, 2010, and of pre-disaster imagery of the same sensor.

The analysis may differ from actual damages on the ground.

**Cartographic Information**

0 250 500 750 Meter

Local projection: UTM Zone 28 North, Datum: WGS 84  
 Geographic projection: Lat/Lon (DMS), Datum: WGS 84

Scale: 1:7,500 for A1 prints

**Data Sources**

GeoEye-1 © GeoEye, Inc. / e-GEOS 2010

Damage assessment © DLR 2010

Vector data © European Union Satellite Centre 2010, DLR 2010

**Framework**

The products elaborated for this Rapid Mapping Activity are realised to the best of our ability, within a very short time frame, during a crisis, optimising the material available.

All geographic information has limitations due to the scale, resolution, date and interpretation of the original source materials. No liability concerning the content or the use thereof is assumed by the producer.

The ZKI crisis maps are constantly updated. Please make sure to visit <http://www.zki.dlr.de> for the latest version of this product.

Map produced on February 25, 2010 by ZKI  
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