

STORM DAMAGE, KINAMA AREA OF BUJUMBURA, BURUNDI

Analysis with Pleiades Data Acquired 14 February 2014 & QuickBird Data Acquired 5 September 2013

This map illustrates satellite-detected areas of destroyed structures in the Kinama area of Bujumbura, Burundi. Heavy rains on 9 February caused numerous flash floods across the city and surrounding areas, and UNOSAT analysis of satellite imagery acquired by the Pleiades satellite on 14 February indicated at least 76 destroyed structures in the Kinama area shown. Satellite imagery was poor quality with haze affecting clarity and thus destroyed structures may be underestimated in this area. This is a preliminary analysis & has not yet been validated in the field. Please send ground feedback to UNITAR / UNOSAT.

Disaster coverage by the International Charter 'Space and Major Disasters'. For more information on the Charter, which is about assisting the disaster relief organizations with multi-satellite data and information, visit www.disasterscharter.org



Storm and Floods



Production Date: 14/02/2014

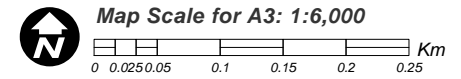
Version 1.0

Activation Number: FL20140211BDI



LEGEND

- Destroyed / Damaged Structures
- Highway/Primary Rd.
- Secondary Rd
- Local/Urban Rd.
- Footpath



Satellite Data (1): Pleiades
 Imagery Dates: 14 February 2014
 Resolution: 50 cm
 Copyright: CNES 2013 - Distribution Astrium Services / Spot Image
 Source: Distribution Astrium Services / Spot Image
 Satellite Data (2): QuickBird
 Imagery Date: 5 September 2013
 Copyright: DigitalGlobe
 Source: USGS / HDDS
 Road Data: OSM
 Other Data: USGS, UNCS, NASA, NGA
 Analysis: UNITAR / UNOSAT
 Production: UNITAR / UNOSAT
 Analysis conducted with ArcGIS v10.1

Coordinate System: WGS 1984 UTM zone 35S
 Projection: Transverse Mercator
 Datum: WGS 1984
 Units: Meter

The depiction and use of boundaries, geographic names and related data shown here are not warranted to be error-free nor do they imply official endorsement or acceptance by the United Nations. UNOSAT is a program of the United Nations Institute for Training and Research (UNITAR), providing satellite imagery and related geographic information, research and analysis to UN humanitarian and development agencies and their implementing partners.

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