

DAMAGE ASSESSMENT IN THE CITY OF BENTIU, UNITY STATE, SOUTH SUDAN

Analysis with WorldView-1 Data Acquired 18 January 2014 and WorldView-2 Data Acquired 2 January 2014

**Complex
Emergency**

Production Date:
18/01/2014

Version 1.0

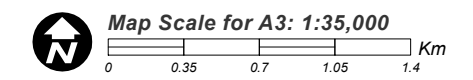
Glide Number:
CE20131218SSD



This map illustrates satellite-detected areas of damage in the town of Bentiu, South Sudan, resulting from ongoing violence in the area. Using an image collected 18 January 2014 by the WorldView-1 satellite, UNOSAT identified almost 1,200 destroyed structures in and around the town. Destruction is largely concentrated along the northern edge of the town along the Bahr al-Gazal river bank and primarily affects homes and related structures as well as some commercial buildings. Using pre-conflict building data UNOSAT estimates that about 8% of the structures in Bentiu are destroyed. This is a preliminary analysis and is based on an enhanced rapid analysis methodology. It has not yet been validated in the field. Please send ground feedback to UNITAR / UNOSAT.

LEGEND

- Destroyed / Damaged Structure
- Highway/Primary Rd.
- Secondary Rd
- Local/Urban Rd.
- Analysis Extent



Satellite Data (1): WorldView-1
Imagery Dates: 18 January 2014
Resolution: 50 cm
Copyright: DigitalGlobe
Source: US Department of State, Humanitarian Information Unit, Next View License
Satellite Data (2): WorldView-2
Imagery Date: 2 January 2014
Copyright: DigitalGlobe
Source: US Department of State, Humanitarian Information Unit, Next View License
Road Data : OSM (via bbbike)
Building Data : UNOSAT and OSM (via bbbike)
Other Data : USGS, UNCS, NASA, NGA
Analysis : UNITAR / UNOSAT
Production : UNITAR / UNOSAT
Analysis conducted with ArcGIS v10.1

Coordinate System: WGS 1984 UTM Zone 35N
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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