

# DAMAGE ASSESSMENT IN THE CITY OF MALAKAL, UPPER NILE STATE, SOUTH SUDAN

Analysis with WorldView-2 Data Acquired 18 January 2014 & WorldView-2 Data Acquired 06 December 2013

Complex  
Emergency

Production Date:  
22/01/2014

Version 1.0

Glide Number:  
CE20131218SSD



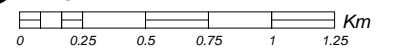
This map illustrates satellite-detected areas of destruction in the town of Malakal as seen by the WorldView-2 satellite on 18 January 2014. UNOSAT identified a total of 515 destroyed residential and related structures and a total of 58 warehouse or commercial structures were identified throughout the area analyzed, with the heaviest damage in the downtown area and along primary roads bordering the town. In addition, multiple indications of looting are evident in the warehouse area and in residential areas along the southeast edge of town. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR / UNOSAT.

### LEGEND

- Residential and Related Structures
- Commercial/Warehouse Structures
- Highway/Primary Road
- Secondary Road
- Local/Urban Road
- Airport



Map Scale for A3: 1:30'000



Satellite Data (1): WorldView-2  
Imagery Dates: 18 January 2014  
Resolution: 50 cm  
Copyright: DigitalGlobe  
Source: US Department of State, Humanitarian Information Unit, NextView License  
Satellite Data (2): WorldView-2  
Imagery Date: 06 December 2013  
Copyright: DigitalGlobe  
Source: US Department of State, Humanitarian Information Unit, NextView License  
Road Data : Google Map Maker / OSM / ESRI  
Other Data: USGS, UNCS, NASA, NGA  
Analysis : UNITAR / UNOSAT  
Production: UNITAR / UNOSAT  
Analysis conducted with ArcGIS v10.1

Coordinate System: WGS 1984 UTM Zone 36N  
Projection: Transverse Mercator  
Datum: WGS 1984  
Units: Meter

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Type of Building	Estimated Number of Damaged Structures
Residential and Related Structures	515
Commercial/Warehouse Structures	58
<b>Total Damaged</b>	<b>573</b>

See inset for close-up view of destruction

INSET: DESTRUCTION IN MALAKAL



# UNOSAT

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