

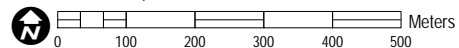
Potentially Affected Zones by the Mudflow in southeastern Freetown, Sierra Leone

This map illustrates satellite-detected landslides and mudflow that affected Regent area south eastern Freetown using a GeoEye-1 acquired the 15 August 2017 compared with a pre-crisis image acquired the 03 March 2017. UNOSAT extracted areas affected by the landslide and subsequent mudflow and could identify 349 damaged structure and 1.3 km of damaged roads within the analysed area. This analysis has not yet been validated in the field. Please send ground feedback to UNITAR /UNOSAT.

Legend

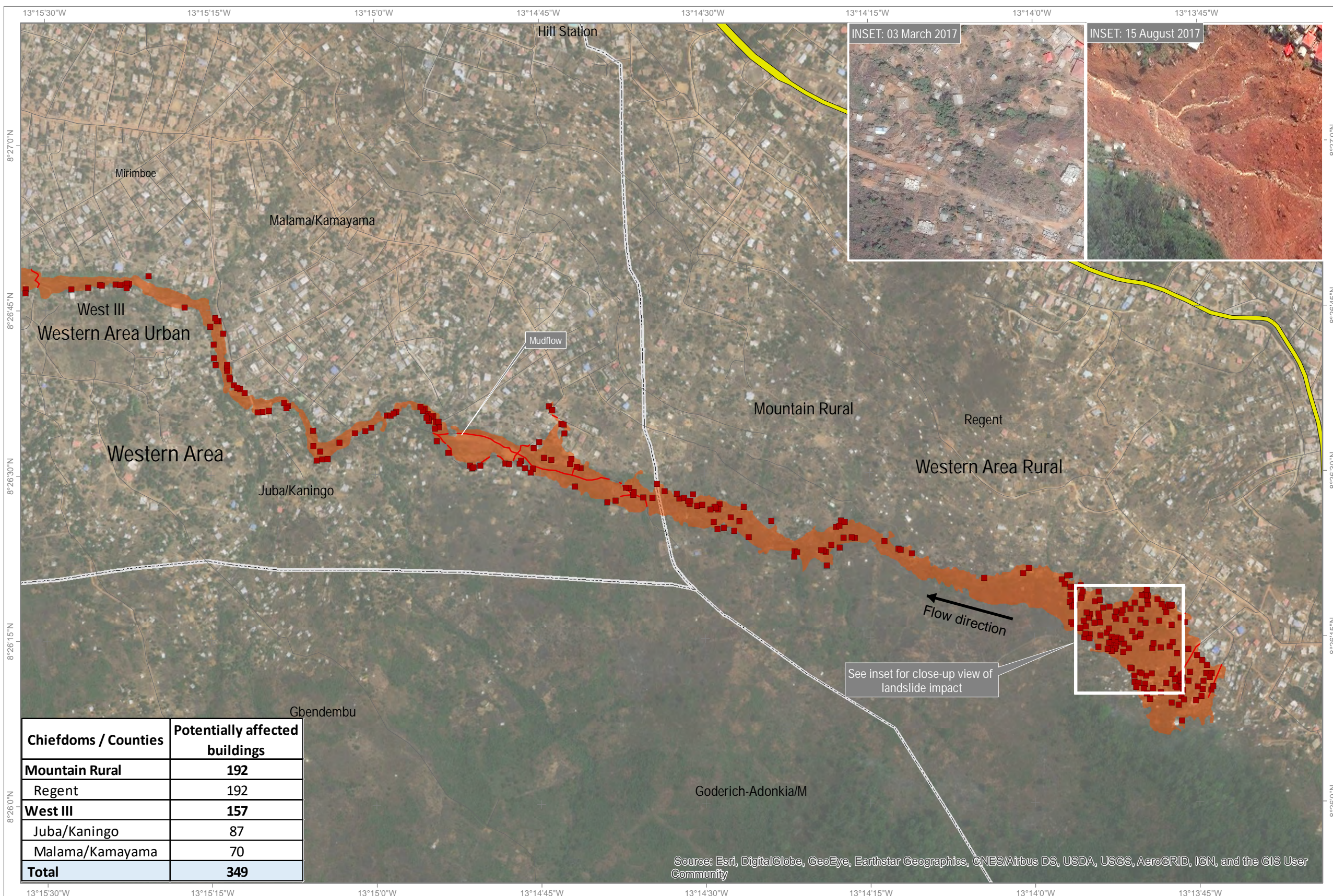
- Affected buildings
- City/Town
- Village/Locality
- Primary road
- Secondary/Local road
- Affected road
- Mudflow
- District boundary
- Chiefdom boundary

Map Scale for A3: 1:11,000



Analysis conducted with ArcGIS v10.4.1

Coordinate System: WGS 1984 UTM Zone 28N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter



Chiefdoms / Counties	Potentially affected buildings
Mountain Rural	192
Regent	192
West III	157
Juba/Kaningo	87
Malama/Kamayama	70
Total	349

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Satellite Data (1): GeoEye-1
Imagery Dates: 15 August 2017
Resolution: 50 cm
Copyright: DigitalGlobe, Inc.
Source: USGS-HDDS

Satellite Data (2): Worldview-3
Imagery Date: 03 March 2017
Resolution: 50 cm
Copyright: DigitalGlobe, Inc.
Source: USGS-HDDS

Road Data : OpenStreetMap / HDX
Other Data: USGS, UNCS, NASA, NGA
Analysis : UNITAR - UNOSAT
Production: UNITAR - UNOSAT



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