

SIERRA LEONE

Regent

Imagery analysis: 15 August 2017 | Published 16 August 2017 | Version 1.0



FL20170815SLE





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



□ City/Town

Village/Locality

Primary road

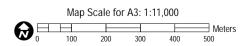
Secondary/Local road

Affected road

Mudflow

District boundary

Chiefdom boundary



Analysis conducted with ArcGIS v10.4.1

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



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 & development agencies & their implementing partners. This work by UNITAR-UNOSAT is licensed under a CC BY-NC 3.0.

