



Map Information

On the 14th of August 2017, massive mudslides and floods have affected Freetown in Sierra Leone, the worst-hit area is thought to be the Regent district where dozens of houses were submerged when the hillside collapsed.

In Freetown, more than 300 people have been killed after houses are submerged by mudflows and rivers, the precise death toll is likely to rise within the next days. An estimated 2,000 people have also been made homeless after heavy rains caused properties to disappear under water. Heavy rains on 15-16 Aug might lead to further severe flooding.

The present map shows the damage grade assessment in the area of Lumley (Sierra Leone). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The estimated geometric accuracy is 5 m CE90 or better, from native positional accuracy of the background satellite image.

Data Sources

Pre-event image: WorldView-3 © Digital Globe, Inc. (2017), (acquired on 03/03/2017 at 11:41 UTC, GSD 0.5 m, approx. 0% cloud coverage in Aol, 16° off-nadir angle), provided under COPERNICUS by the European Union, ESA and European Space Imaging, all rights reserved. Post-event image: GeoEye © Digital Globe, Inc. (2017), (acquired on 15/08/2017 at 11:25 UTC, GSD 0.5m, approx. 50% cloud coverage in Aol, 42° off-nadir angle), provided under COPERNICUS by the European Union, ESA and European Space Imaging, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, refined by the producer. Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2013.

Population data: Landscan 2010 © UT BATTELLE, LLC Digital Elevation Model: SRTM 90m (NASA/USGS)

Disclaimer

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Relevant date records			
Event	14/08/2017	Situation as of	15/08/2017
Activation	15/08/2017	Map production	17/08/2017



