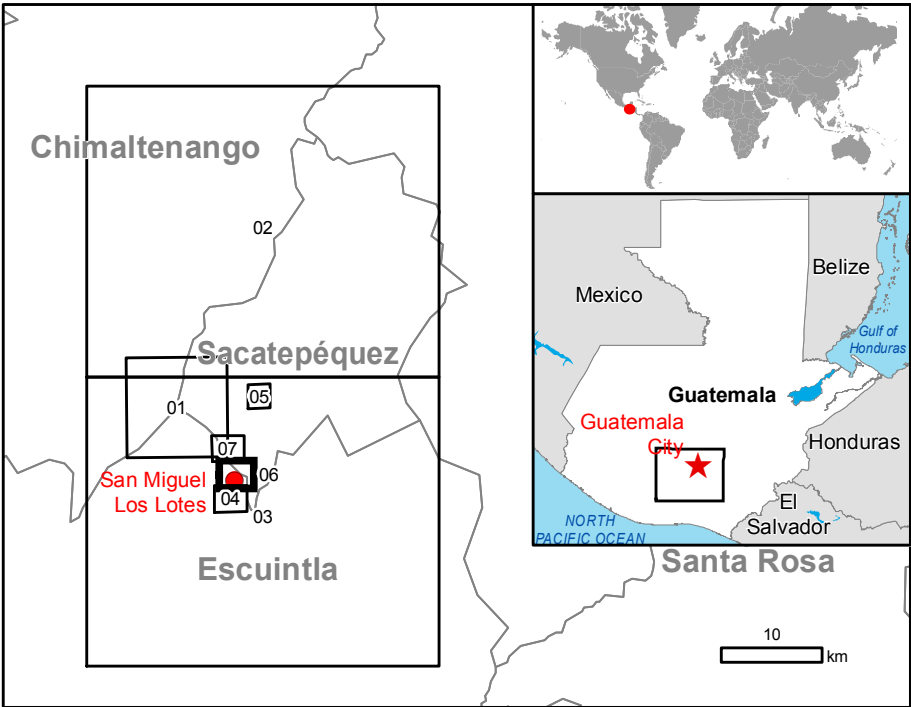


GLIDE number: VO-2018-00066-GTM Activation ID: EMSR289
Product N.: 06SANMIGUELLOSLOTES, v2, English

San Miguel Los Lotes - GUATEMALA

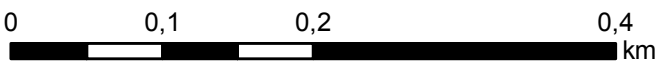
Volcanic activity - Situation as of 11/06/2018

Grading Map - MONIT01



Cartographic Information

1:5000 Full color ISO A1, medium resolution (200 dpi)



Grid: WGS 1984 UTM Zone 15N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

- Crisis Information**
 - Pyroclastic flow
 - Ash deposit
- Built Up Grading**
 - Destroyed
 - Damaged
 - Possibly damaged
- Transportation Grading**
 - Bridge and elevated highways, Destroyed
 - Road, Destroyed
 - Road, Damaged
 - Road, Possibly damaged
- General Information**
 - Area of Interest
 - Not Analysed
- Placenames**
 - Placename
- Hydrography**
 - River
 - Stream
- Physiography**
 - Elevation Contour (m)

Consequences within the AOI						
	Unit of measurement	Destroyed	Damaged	Possibly damaged	Total affected	Total in AOI
Pyroclastic flow	ha				96.8	
Ash deposit	ha				289	
Estimated population	Number of inhabitants				1200	1562
Settlements	Residential	ha	1.6	0.1	5.4	5.8
Transportation	Bridge and elevated highways	No.	1	0	0	1
	Secondary Road	km	0.4	1.7	0.0	2.1
	Local Road	km	1.3	1.7	0.7	3.7

Map Information

On 3 June, Volcan de Fuego, located in Southern Guatemala, experienced a strong eruption, provoking floods of lava and mud along with ash and ballistic (small rocks) emissions. The ash fall and lahars affected different areas of Chimaltenango, Sacatepéquez and Escuintla. As of 4 June, 25 people died, 3100 people were evacuated and over 1.7 million people were affected.

The present map shows the volcanic activity damage grade assessment in the area of San Miguel Los Lotes (Guatemala). 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.

Relevant date records			
Event	03/06/2018	Situation as of	11/06/2018
Activation	04/06/2018	Map production	18/06/2018

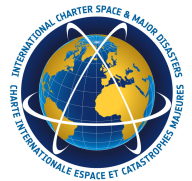
Data Sources

Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 07/04/2017, GSD 0.5 m, approx. 0% cloud coverage in AOI).

Post-event image: WorldView-3 © Digital Globe, Inc. (2018), (acquired on 11/06/2018 at 17:20 UTC, GSD 3.0 m, approx. 50% cloud coverage in AOI, 50° off-nadir angle), provided by International Charter (call ID 576), all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, refined by the producer.

Population data: GHS - Population Grid © European Commission, 2015
http://data.europa.eu/89h/jrc-ghsl-ghs_pop_gpw4_globe_r2015a.
Digital Elevation Model: SRTM (90m)



Disclaimer

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Map produced by e-GEOS released by e-GEOS (ODO).

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