

# SOLOMON ISLANDS

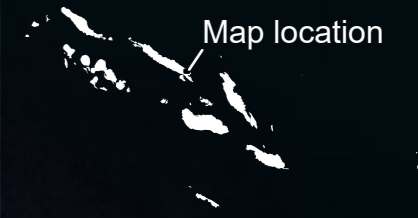
## MARIGNE-KOKOTA CONSTITUENCY, ISABEL PROVINCE

IMAGERY ANALYSIS: 12/12/2023 PUBLISHED 13/12/2023 V1.

ANALYSED AREA <b>50km<sup>2</sup></b>	MUDFLOW/LANDSLIDE EXTENT IN CLOUD FREE AREA <b>2km<sup>2</sup></b>	POTENTIALLY AFFECTED STRUCTURES <b>24</b>
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**TROPICAL CYCLONE**  
TC20231206SLB



**Satellite detected landslide extent in Marigne-kokota Constituency, Isabel Province, Solomon Island as of 12 December 2023**

This map illustrates satellite-detected landslides in Maringe-Kokota Constituency, Isabel Province, Solomon Islands, as observed from a Sentinel-2 satellite acquired on 12 December 2023 at 10:48 local time. Within the analyzed area of 50 km<sup>2</sup>, about 2 km<sup>2</sup> of mudflow extent is observed. UNOSAT identified 24 potentially affected structures.

This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to the United Nations Satellite Centre (UNOSAT).

### Legend

- Potentially affected structure
- Analysis extent
- Possible landslide/mudflow [12 Dec. 2023]
- Cloud obstruction
- Constituency boundary



Spatial Reference  
Name: WGS 1984 UTM Zone 57S  
PCS: WGS 1984 UTM Zone 57S  
GCS: GCS WGS 1984  
Datum: WGS 1984  
Projection: Transverse Mercator  
Central Meridian: 159.0000  
Latitude of Origin: 0.0000

Satellite Data : Sentinel-2  
Imagery Date: 11 December at 23:48 UTC  
Resolution: 10 m  
Copyright: Contain modified Copernicus Sentinel Data [2023]  
Source: ESA

Satellite Data : Sentinel-2  
Imagery Date: 15 January at 23:49 UTC  
Resolution: 10 m  
Copyright: Contain modified Copernicus Sentinel Data [2023]  
Source: ESA

Boundary data: Solomon Islands National Statistics Office (SINSO), 2009 Census of Population and Housing  
Waterways: OSM  
Background: ESRI Basemap

Analysis: United Nations Satellite Centre (UNOSAT)  
Production: United Nations Satellite Centre (UNOSAT)

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