26 Jan 2022

Preliminary Satellite-Derived Landslide Assessment

Lobata, Água Grande, Mé-Zóchi, Cantagalo & Caué districts, São Tomé Province
São Tomé and Príncipe

Status: No major landslide / mudflow observed in the eastern part of São Tomé Island

Further action(s): Continue monitoring
AOI1-1 LOBATA & ÁGUA GRANDE DISTRICT, SÃO TOMÉ PROVINCE

No major landslide / mudflow observed
AOI1-1 RETA MICOLO VILLAGE, LOBATA DISTRICT, SÃO TOMÉ PROVINCE

No major landslide / mudflow observed

Before

Lobata

Reta Micolo

After

Lobata

Reta Micolo

ESRI World Imagery / GeoEye-1 / 12 April 2020

Pleiades / 24 January 2022
AOI1-2 MÉ-ZÓCHI DISTRICT, SÃO TOMÉ PROVINCE

No major landslide / mudflow observed

BEFORE

AFTER

ESRI World Imagery / GeoEye-1 / 12 April 2020

Pleiades / 24 January 2022
No major landslide / mudflow observed
AOI1-3 MESTRO ANTONIO VILLAGE, CANTAGALO DISTRICT, SÃO TOMÉ PROVINCE

No major landslide / mudflow observed

Before

AFTER

ESRI World Imagery / GeoEye-1 / 12 April 2020

Pleiades / 24 January 2022

Image center: 6°43'52"E 0°15'15"N
AOI1-4 CAUÉ DISTRICT, SÃO TOMÉ PROVINCE

No major landslide / mudflow observed

Pleiades / 24 January 2022

ESRI World Imagery / GeoEye-1 / 12 April 2020
No major landslide / mudflow observed
SUMMARY OF FINDINGS

• No major landslide / mudflow observed in Lobata, Água Grande, Mé-Zóchi, Cantagalo and Caué districts over the eastern part of São Tomé Island as of 24 January 2022;

• No affected structures observed Lobata, Água Grande, Mé-Zóchi, Cantagalo and Caué districts as of 24 January 2022.
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Data sources:

(1) Satellite Image (Post-event)
Pleiades: 24 Jan 2022, 10:12 UTC
Resolution: 50cm
Copyright: © CNES (2022), Distribution Airbus DS.
Source: Airbus DS

(2) Satellite Image (Pre-event)
ESRI World Imagery

(3) Ancillary data
Administrative boundaries: GADM, OCHA West and Central Africa (ROWCA)
Populated place: OpenStreetMap
Waterways: OpenStreetMap
Analysis: United Nations Satellite Centre (UNOSAT)
Production: United Nations Satellite Centre (UNOSAT)