















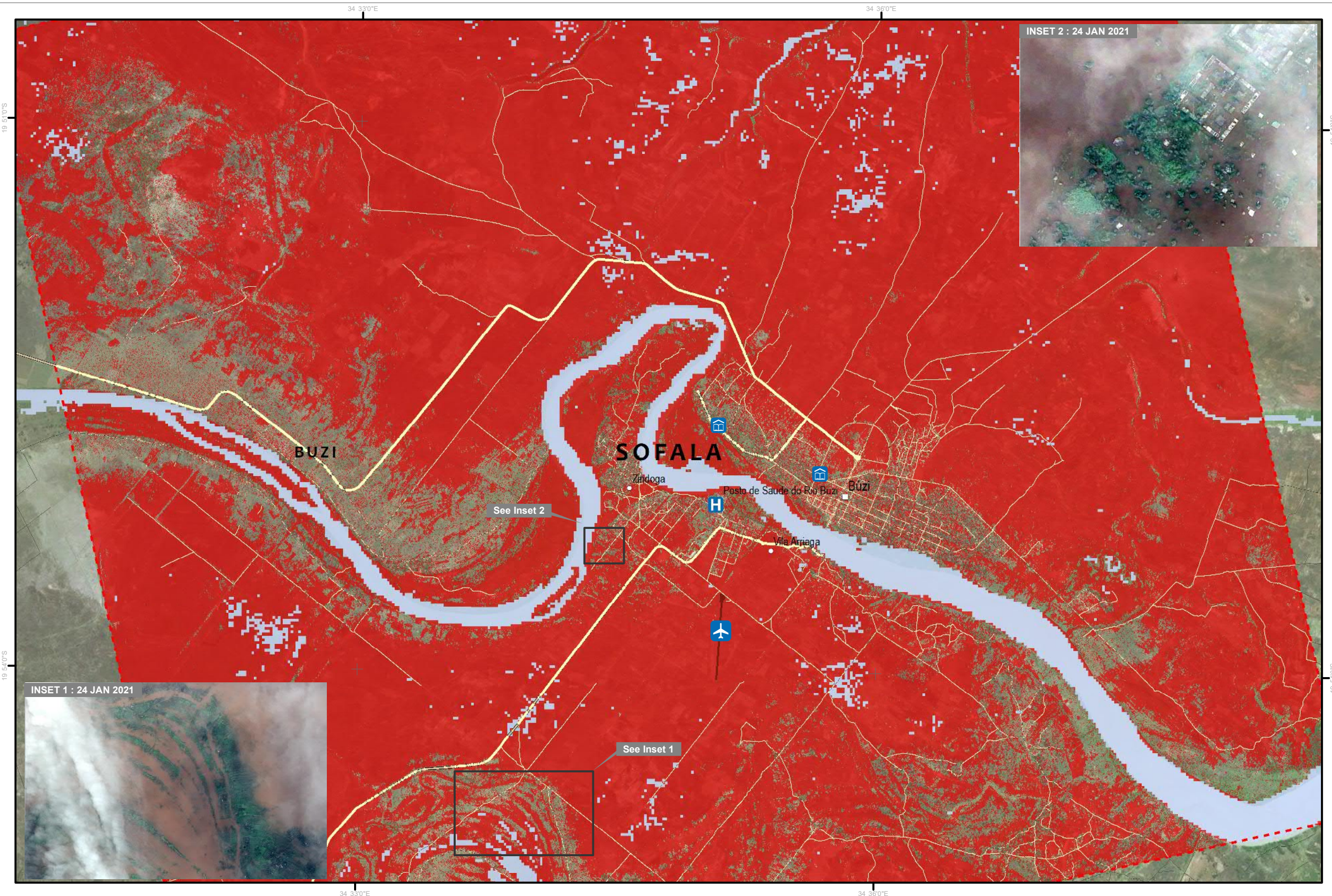
Satellite detected waters in Buzi Province, Sofala Division of Mozambique as of 23 January 2021

This map illustrates satellite-detected surface waters in Buzi province, Sofala division of Mozambique as observed from a TerraSAR-X image acquired on 23 January 2021 at 18:08 local time. Within the analyzed area of about 125 km², a total of about 100 km² of lands appear to be flooded. Based on Worldpop population data and the detected surface waters, about 13,400 people are potentially exposed or living close to flooded areas. About 170 km of roads were also identified as potentially affected. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR-UNOSAT.

Important Note: Flood analysis from radar images may underestimate the presence of standing waters in built-up areas and densely vegetated areas due to backscattering properties of the radar signal.

- Legend**
-  Village
 -  City / Town
 -  School
 -  Hospital
 -  Airfield
 -  Primary Road
 -  Local Road
 -  Potentially Affected Roads
 -  Analysis extent
 -  Reference water
 -  Satellite detected water [23 January 2021]

 Map Scale for A3: 1:40,000



Satellite Data : TerraSAR-X
Imagery Date : 23 January 2021 (16:08 UTC)
Resolution : 1.75 m
Copyright : DLR e.V. (2021), Distribution Airbus DS Geo GmGH
Source: DLR

Satellite Data : Pleiades
Imagery Date : 24 January 2021
Resolution : 50 cm
Copyright : CNES (2021), distribution Airbus D&S
Source: Airbus D&S

Administrative boundaries: UNOCHA ROSEA
Population data: WorldPop [2020]
Reference Water: EU Commission's JRC
Road / School / Hospital : Open Street Map
Background: Bing

Analysis: UNITAR - UNOSAT
Production: UNITAR - UNOSAT



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.