

*This service summarizes current satellite mapping activities of interest to GDACS stakeholders. It is issued weekly and based on contributions from map-producing entities and GDACS partners.*

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## Satellite mapping overview

As of 13 February 2017

### Africa

#### **Mozambique flood – GLIDE number: FL20170118MOZ**

Torrential rains, from 01 to 18 January 2017, resulted in flooding in central and southern Mozambique. Precipitation levels reached over 650mm, which exceeded average precipitation levels of around 200 mm. UNITAR-UNOSAT published a map illustrating satellite-detected flood waters over Save River in Mozambique. Using satellite imagery acquired on 22 January 2017 and 05 February 2017, a 15% decrease of surface water extent was observed in the zones along the Save River. The map product is available to download as a PDF on the UNITAR-UNOSAT website.

Source: UNITAR-UNOSAT

Link: <http://www.unitar.org/unosat/maps/MOZ>

### South America

#### **Chile fire – GLIDE number: WF2016-000138CHL**

On 20 January 2017, a state of emergency was declared in south-central Chile due to aggressive forest fires. The fires began in the summer during an intense dry season with temperatures reaching 40°C and strong winds. At a national level, 63 active wildfires were reported affecting the Valparaíso, Metropolitana, O'Higgins, Maule, Bio-Bio, Araucanía, Los Ríos, and Los Lagos regions in Chile. More than 300 people were evacuated and more than 130 houses were destroyed. DLR recently published overview and disaster extent maps illustrating burnt areas in the Maquinas, Coronel de Maule, Huampulli, San Antonio, and Chaimavida areas and the Maule and Bio-Bio regions using satellite imagery acquired on 05 February 2017. The map products and data are available for online viewing and download in PDF, ESRI world, and KMZ files on the Center for Satellite Based Crisis Information website.

Source: DLR

Link: <https://www.zki.dlr.de/article/2846>



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*This summary is compiled by the GDACS mapping & satellite imagery coordination mechanism, operated by the UNITAR Operational Satellite Applications Programme (UNOSAT).*

*When referring to this summary, please credit: GDACS, UNITAR-UNOSAT.*

*For comments, questions and to submit information on satellite image derived products, please contact:*

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*Sources indicate satellite analysis production entities and imagery providers. The products referenced in this summary are based on remote satellite imagery and may not be validated in the field prior to release, in which case findings are based only on what is observed in the satellite imagery.*