

*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.*

## Satellite mapping overview

As of 24 July 2017

### Africa

#### **Algeria forest fire – UNOSAT number: FR20170712DZA**

Following the past wildfire events that hit the Tell Atlas in the northern part of Algeria, UNITAR-UNOSAT in coordination with the Algerian Space Agency kept monitoring the burnt print and the affected areas. The number of satellite-detected fires has been decreasing since 11 July and the density concentration has been drastically reduced in the central areas of Tizi Ouzou, Skikda and Médéa. As of 17 to 19 July, the satellite-detected fires (using MODIS data) continued at the west, especially in the wilaya of Tipaza, and at the east, especially in the wilaya of Skikda. Moreover, the impact of the forest fires was analysed in three additional maps, using Sentinel-2 and Alsat-2B imagery. As of 12 July, 3,350 burnt hectares were detected in the wilayas of Médéa and d'Ain Defla. As of 19 July, 1,100 burnt hectares were detected in wilayas of Tizi Ouzou and Béjaïa and on the same date, 1,400 burnt hectares were detected in the wilayas of Tizi Ouzou, Boumerdès and Bouira.

Source: UNITAR-UNOSAT

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

### Asia

#### **Myanmar flood – GLIDE Number: FL-2017-000091-MMR**

Since the beginning of July 2017, seasonal floods have affected Myanmar due to monsoon rains and increased water levels in the major rivers. The Myanmar Information Management Unit (MIMU) has been publishing relevant information since 13 July 2017 from which the latest releases reported over 90,000 displaced people from the regions of Magway, Sagaing, Ayeyarwady and Bago. The MIMU has also published in the past few days several flood analysis in the most affected areas, including the last analysis, as of 20 July 2017, in the townships of Mingin, Kani and Budalin, Monywa, Salingyi, Chaung-U, Myaung, Pakokku, Nyaung-U and Chauk in the Sagaing Region and also the townships of Hinthada, Ingapu, Zalun, Lemyethna, Yegy, Thabaung in the Ayeyarwady Region. Further information from the past events and the affected villages is available.

Source: Myanmar Information Management Unit

Link: <http://themimu.info/emergencies/floods-2017>

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## Europe

### Italy Forest Fire – Copernicus EMS number: EMSR213

After the wildfire events that were assessed last week, Copernicus-EMS continued the delineation and analysis of the affected areas. On 18 July 2017, several analysis were released for the burnt areas of Sciacam (109 ha of burnt area) and Messina (1,528 ha), while the area of Vesuvio (1,547 ha) was published the day after. On 20 July 2017, the published analysis graded the surrounding areas of Biancavilla (951 burnt hectares), Etna Nord (2,015 ha), Naso (1819 ha), Caltagirone (873 ha), Francofonte (1,760 ha), Avola (575 ha), Mistretta (1,357 ha), San Vito Lo Capo (1,097), Monreale (322 ha) and Blufi (563 ha).

The summary of the conducted analysis is available in the following link: <http://cdn-j.copernicus-ems.eu/mapping/sites/default/files/thumbnails/EMSR213-AEM-1500546681-r08-v1.jpg>

Source: Copernicus EMS

Link: <http://emergency.copernicus.eu/mapping/list-of-components/EMSR213/02GRADING/ALL>

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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: [maps@gdacs.org](mailto:maps@gdacs.org)*

*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.*