

*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 08 July 2019

### Europe

#### Forest fire in Mecklenburg-Western Pomerania, Germany : EMSR366

The forest in Mecklenburg-Western Pomerania, Germany, a former military training area littered with unexploded munitions dating back to the Nazi era, were affected by the fire around 430 hectares due to a re-ignited forest fire in the municipality of Ludwigslust-Parchim. It made the largest forest in the history of the northern German state. Four nearby villages with a total of over 1,000 residents had been evacuated.

The first estimate map product had been released by the Copernicus EMS Rapid Mapping on 01 July 2019 using Sentinel-2 satellite image acquired on 01 July 2019. It showed the active flame and burnt in area of Lubtheen, Germany as of 01 July 2019

Source: COPERNICUS Emergency Management Service

Link : <https://emergency.copernicus.eu/mapping/list-of-components/EMSR366>

#### Wildfire in Community of Madrid, Spain : EMSR367 and EMSR368

A wildfire that broke out on Friday afternoon in Almorox, in the Spanish province of Toledo. The flames spread to the Madrid locations of Cenicientos and Cadalso de los Vidrios destroying an area with a high ecological value (EMSR367). Furthermore, the forest fire also occurred in the municipality of Gavilanes and Ávila, Spain (EMSR368). The climatic conditions characterized by the high temperatures, the low humidity and the variability of the winds make the behavior of forest fire very dangerous with reproductions and new hot spots.

The Copernicus EMS Rapid Mapping had released a grading map for both forest fire situation in Gavilanes and Cadalso de los Vidrios and using Sentinel-2 satellite image acquired 1 July 2019 showed about 1,550 ha affected and Spot-7 acquired on 5 July 2019 showed about 2,500 ha affected accordingly.

Source: COPERNICUS Emergency Management Service

Link : <https://emergency.copernicus.eu/mapping/list-of-components/EMSR367>  
<https://emergency.copernicus.eu/mapping/list-of-components/EMSR368>

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## **Forest Fire in Evia Island, Greece**

On 4 July 2019, a forest fire broke out in Evia Island, Greece, 70 Km North-Northeast from Athens. One of the blazes broke out early Thursday afternoon and was burning woodland and agricultural areas, while another two started simultaneously just before midnight Thursday. The blazes led to five villages being evacuated. The fires were the largest to had broken out so far this year in Greece, a country where wildfires were common during the hot, dry summer months.

The Copernicus EMS Rapid Mapping was activated to map the affected area on 5 July 2019 and released 6 maps later from 5 – 8 July 2019 over Makrichori, Gavalas and Oktonia using Sentinel-3 satellite image acquired on 5 July 2019 for overview assessment. Another 3 maps using Spot-6 acquired on 6 July 2019 showed the affected area in Makrichori, Gavalas and Oktonia about 500 ha, 550 ha and 145 ha accordingly.

Source: COPERNICUS Emergency Management Service

Link : <https://emergency.copernicus.eu/mapping/list-of-components/EMSR369>