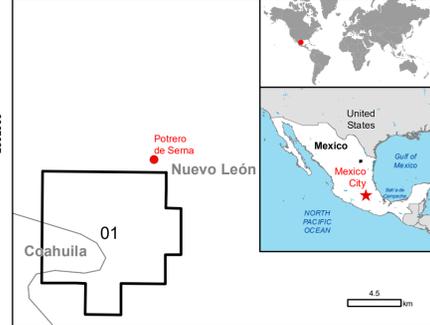


Potrero de Serna - MEXICO
Wildfire - Situation as of 09/04/2022
 Delineation MONIT09 - Overview map 01



Cartographic Information

1:22000 Full color A1, 200 dpi resolution
 0 0.25 0.5 1 km
 Grid: WGS 1984 UTM Zone 14N map coordinate system
 Tick marks: WGS 84 geographical coordinate system

Legend

- Crisis Information**
 - Active Flames
 - Burnt Area
- General Information**
 - Area of Interest
 - Not Analysed
- Administrative boundaries**
 - Province
- Hydrography**
 - River
 - Stream
- Transportation**
 - Secondary Road
 - Local Road
 - Cart Track
- Physiography & Land Use - Land Cover**
 - Features available in the vector package

Consequences within the AOI

| | Affected | Total in AOI |
|----------------------|----------|--------------|
| Burnt area | ha | 5,447.1 |
| Active Flames | No. | 4 |
| Estimated population | | 0 |
| Transportation | km | 64.7 |
| Land use | ha | 11,302.9 |

Full table available in the vector package

Map Information

As of 29 March, and starting since 25 March, up to 44 forest fires are active in Mexico. Some Federal States such as Nuevo León and Tamaulipas have been seriously affected, with up to 1,500 hectares burnt. In Nuevo León Civil Protection authorities reported that the fires in the Sierra de Santiago have not stopped yet, leading to the emergency evacuation of local communities.

The present map shows the fire delineation in the area of Potrero De Serna (Mexico). The thematic layer has been derived from post-event satellite image by means of visual interpretation. Due to dense smoke, the burnt area delineation is not complete. The scale of analysis is 1:22000. The estimated geometric accuracy (RMSE) is 5 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 400 sq m.

Relevant date records (UTC)

| Event | 25/03/2022 20:00 | Situation as of | 09/04/2022 17:18 |
|------------|------------------|-----------------|------------------|
| Activation | 29/03/2022 13:21 | Map production | 09/04/2022 |

Data sources

Pre-event image: Sentinel-2A/B (2022) (acquired on 20/03/2022 at 17:26 UTC, GSD 10 m, approx. 0% cloud coverage in Aoi, 0° off-nadir angle) provided under COPENICUS by the European Union and ESA.
 Post-event image: SPOT7 © Airbus DS (2022), (acquired on 09/04/2022 at 17:18 UTC, GSD 1.5 m, approx. 1.1% cloud coverage in Aoi, 39.5° off-nadir angle), provided under COPENICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2022), Wikimedia.org, GeoNames 2015, Globe Land 30 (2020), Global Administrative Areas (2012), refined by the producer.
 Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2015.

Population data: GHS Population Grid © European Commission, 2019
https://ghsl.jrc.ec.europa.eu/ghs_pop2019.php
 Digital Elevation Model: SRTM (90 m) (NASA/USGS)

Disclaimer

Products elaborated in this Copernicus EMS Rapid Mapping activity are realized to the best of our ability, within a very short time frame, optimising the available data and information. All geographic information has limitations due to scale, resolution, date and interpretation of the original sources. No liability concerning the contents or the use thereof is assumed by the producer and by the European Union.
 The current Burnt Area Delineation cumulates all burnt area extents from previous post-event products.

Delivery formats are Layered Geospatial PDF, GeoJPEG and vector (ESRI shapefiles, Google Earth KML, GeoJSON).

Map produced by ITHACA released by e-GEOS (ODO).
 For the latest version of this map and related products visit
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