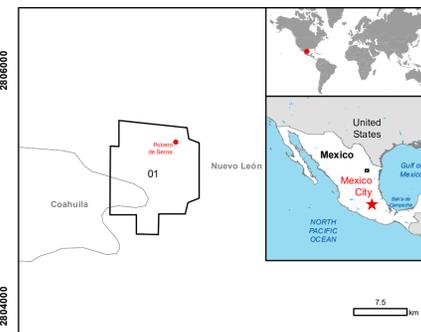


## Potrero de Serna - MEXICO

### Wildfire - Situation as of 28/04/2022

#### Grading - Overview map 01



#### Cartographic Information

1:30000 Full color A1, 200 dpi resolution



Grid: WGS 1984 UTM Zone 14N map coordinate system

Tick marks: WGS 84 geographical coordinate system

#### Legend

- Built Up Grading**
  - Possibly damaged
- Transportation Grading**
  - Road, Damaged
  - Road, Possibly damaged
  - Secondary Road, No visible damage
  - Local Road, No visible damage
  - Cart Track, No visible damage
- Land Use-Cover Grading**
  - Damaged
  - Possibly damaged
  - Not Analysed
- General Information**
  - Area of Interest
  - Not Analysed
- Administrative boundaries**
  - Province
- Placenames**
  - Placename
- Hydrography**
  - River
  - Stream
- Physiology & Land Use - Land Cover**
  - Features available in the vector package

Consequences within the AOI	Unit of measurement	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Land use						12,260.0
Number of buildings	Number of buildings	NA	NA	NA	NA	17
Buildup	Residential Buildings	NA	0.0	0.0	5.5	5.5
Transportation	Secondary Road	NA	0.0	5.9	5.9	16.2
	Local Road	NA	0.0	0.0	0.0	10.0
	Cart Track	NA	0.0	1.4	1.5	67.3
Land use	Heterogeneous agricultural areas	NA	0.0	0.0	0.0	0.3
	Roads	NA	0.0	548.2	4259.1	4807.2
	Shrub and/or herbaceous vegetation association	NA	0.0	274.4	885.0	1,159.4
	Other	NA	0.0	0.0	0.0	9.5

\* Presence of damage process and proximity with destroyed/damaged asset  
 \*\* Sum of Destroyed, Damaged and Possibly damaged

#### 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 Leon and Tamaulipas have been seriously affected, with up to 1500 hectares burnt. In Nuevo Leon 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 damage grade assessment in the area of Potrero de Serna (Mexico). The thematic layer has been derived from post-event satellite image by means of visual interpretation. "Not analysed" indicates an area that could not be analysed in any of the post-event images. The scale of analysis is 1:11000. The estimated geometric accuracy (RMSE) is 3 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 225 sq. m.

#### Relevant date records (UTC)

Event	25/03/2022 20:00	Situation as of	28/04/2022 16:31
Activation	29/03/2022 13:21	Map production	30/04/2022

#### Data sources

Pre-event image: WorldView-3 © Maxar Technologies, Inc. (2021), (acquired on 01/02/2021 at 17:33 UTC, GSD 1.2 m, approx. 0% cloud coverage in AOI, 2.47° off-nadir angle), provided under COPERNICUS by the European Union, ESA and European Space Imaging, all rights reserved.

Post-event image: SPOT6 © Airbus DS (2022), (acquired on 28/04/2022 16:31 UTC), GSD 1.5 m, approx. 10% cloud coverage in AOI, 39.4° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2022), Wikimapia.org, GeoNames 2015, Globe Land 30 (2020), Global Administrative Areas (2012), refined by the producer.

Population data: GHS Population Grid © European Commission, 2019 [https://ghsl.jrc.ec.europa.eu/ghs\\_pop2019.php](https://ghsl.jrc.ec.europa.eu/ghs_pop2019.php)

#### Disclaimer

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

Map produced by Telespazio Iberica released by e-GEOS (ODD).

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