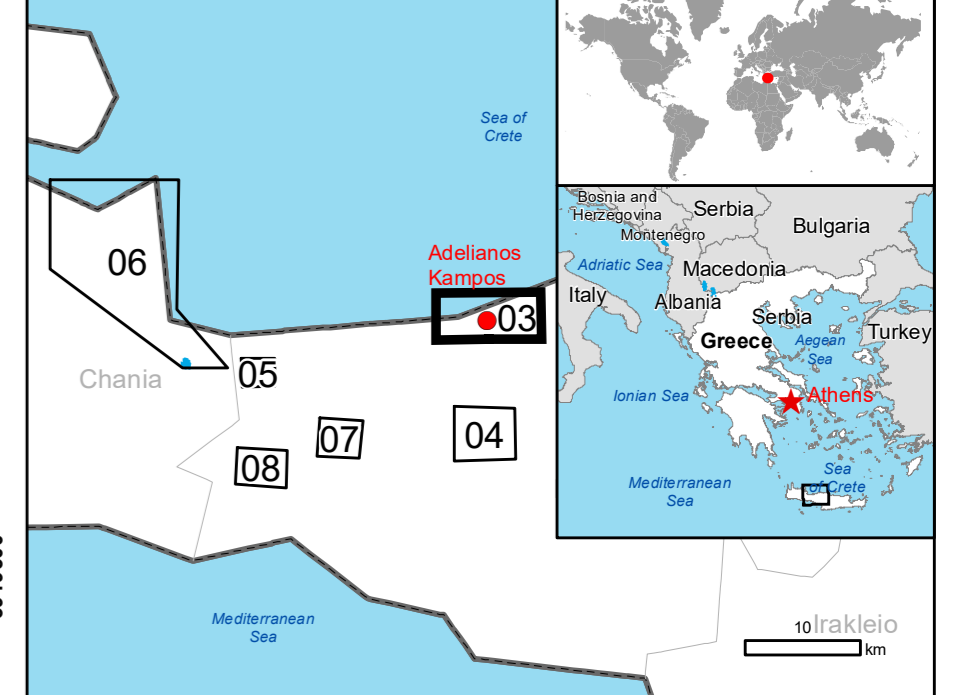


Adelianos Kampos - GREECE

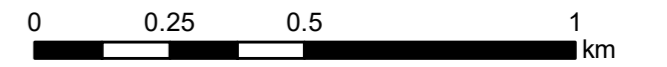
Flood - Situation as of 13/11/2020

Grading - Overview map 01



Cartographic Information

1:14000 Full color A1, 200 dpi resolution



Grid: WGS 1984 UTM Zone 35N map coordinate system
 Tick marks: WGS 84 geographical coordinate system

Legend

- | | | |
|---------------------------------|--|---|
| Crisis Information | Transportation Grading | General Information |
| Road block / interruption | Bridge and elevated highways, Possibly damaged | Area of Interest |
| Flooded Area (13/11/2020 09:36) | Road, Destroyed | Administrative boundaries |
| Flood trace | Road, Possibly damaged | Region |
| Built Up Grading | Road, No visible damage | Placenames |
| Damaged | Highway, No visible damage | Placename |
| Possibly damaged | Primary Road, No visible damage | Hydrography |
| | Secondary Road, No visible damage | Stream |
| | Local Road, No visible damage | Lake |
| | Cart Track, No visible damage | Physiography & 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 |
|-----------------------------|-------------------------------------|---------------------|-----|-----------|---------|------------------|----------------|--------------|
| Flooded area | ha | | | 0 | 1 | 5 | 6 | 1.9 |
| Flood trace | km | | | 0 | 0 | 3 | 3 | NA |
| Road block | No. | | | 0 | 0 | 0 | 0 | 3 |
| Estimated population | No. | | | 0 | 0 | 0 | 0 | 11425 |
| Settlements | Residential Buildings | No. | | 0 | 4 | 4 | 8 | NA |
| | Industrial buildings and warehouses | No. | | 0 | 1 | 5 | 6 | NA |
| | Non-residential farm buildings | No. | | 0 | 0 | 3 | 3 | NA |
| Transportation | Highways | km | | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 |
| | Primary Road | km | | 0.0 | 0.0 | 0.0 | 0.1 | 20.4 |
| | Secondary Road | km | | 0.0 | 0.0 | 0.0 | 0.0 | 1.7 |
| | Local Road | km | | 0.1 | 0.3 | 0.7 | 1.1 | 81.7 |
| | Cart Track | km | | 0.4 | 0.8 | 0.9 | 2.2 | 95.4 |
| Land use | Bridges and elevated highways | No. | | 0 | 0 | 0 | 0 | NA |
| | Arable land | ha | | 0.0 | 0.0 | 0.0 | 0.0 | 148.2 |
| | Perennial crops | ha | | 0.0 | 0.0 | 0.0 | 0.0 | 148.6 |
| | Heterogeneous agricultural areas | ha | | 0.0 | 0.0 | 0.0 | 0.0 | 505.5 |
| | Forests | ha | | 0.0 | 0.0 | 0.0 | 0.0 | 80.0 |
| Other | ha | | 0.0 | 0.0 | 0.0 | 0.0 | 1900.4 | |

Map Information

On 10 November, heavy rainfall caused flooding on the island of Crete. The flooding damaged roads, hundreds of homes and swept cars into the sea. No injuries or casualties have been reported until now. The worst damages has occurred east of Hierakion in the central part of the island. The areas of most intensive flooding include Hersonissos, Anissaras, Gouves, Gourmes, Anapitsi, Stalis and Malia.

The present map shows the damage grade assessment in the area of Adelianos Kampos (Greece). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The estimated geometric accuracy (RMSE) is 2.5 m or better, from native positional accuracy of the background satellite image.

Relevant date records (UTC)

| Event | 10/11/2020 12:00 | Situation as of | 13/11/2020 09:17 |
|------------|------------------|-----------------|------------------|
| Activation | 11/11/2020 07:57 | Map production | 13/11/2020 |

Data sources

Pre-event image: WorldView-3 © Digital Globe, Inc. (2019), (acquired on 12/06/2019 at 09:36 UTC, GSD 0.5 m, approx. 0% cloud coverage in AOI, 22.4° off-nadir angle), provided under COPERNICUS by the European Union, ESA and European Space Imaging, all rights reserved.

Post-event image: Pleiades-1B © CNES (2020), distributed by Airbus DS (acquired on 13/11/2020 at 09:17 UTC, GSD 0.5 m, approx. 0% cloud coverage in AOI, 3.4° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2012, Global Administrative Areas (2012), refined by the producer.

Inset maps: JRC 2013, EuroBoundaryMap 2017 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2013.

Population data: GHS Population Grid © European Commission, 2019
 https://ghsl.jrc.ec.europa.eu/ghs_pop2019.php
 Digital Elevation Model: EU-DEM (25 m)

Disclaimer

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

Map produced by SIRS released by e-GEOS (ODO).

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