GLIDE number: N/A Activation ID: EMSR499 Legend Int. Charter call ID: N/A Product N.: 01ALEXANDROUPOLI, v1 **Crisis Information Built-Up Area** Transportation **Alexandroupoli - GREECE** Flooded Area (03/02/2021 16:08 UTC) Built-Up Area Highway Flood - Situation as of 03/02/2021 Hydrography **General Information** Primary Road Area of Interest 0.0 ── Long-distance railway Delineation - Overview map 01 0.0 Wholesale and retail trade building Yuzhen Detail map Industrial buildings Airfield runway tsentralen 0.0 **Administrative boundaries** Lake Hospital or institutional care buildings 0.0 0.0 NA NA -I- - International Boundary Land Subject to Inundation Physiography & Land Use - Land Cover Cartographic Information ha 0.0 ha 0.0 km 0.2 km 0.5 km 0.6 Municipality Features available in the vector package Reservoir Makedoni **Placenames** Highways 1:170000 Full color A1, 200 dpi resolution Primary Road Placename Long-distance railways ha 9 286.3 ha 0.5 ha 23.3 ha 350.1 ha 4.7 ha 43.5 ha 23.9 ha 594.3 ha 862.1 ha 1 656.8 Permanent crops Grid: WGS 1984 UTM Zone 35N map coordinate system Tick marks: WGS 84 geographical coordinate system 420000

Map Information

420000

Due to extensive rainfall in the Evros river basin, and also due to large amounts of water that were released from dams from the Bulgarian part of rivers Evros, Ardas and Erythropotamos, many areas of Evros Regional Unit have been flooded. Extensive damages are reported in agricultural land and road network. Many embankments across Evros river, broke, causing problems in rural and urban areas. Copernicus EMS Rapid Mapping products will be used mainly by the local Civil Protection Authorities for flood protection measures and damage assessment of houses and infrastructure and by the Greek Agricultural Insurance Organization for damage assessment of farming activities.

The present map shows the flood delineation in the area of Alexandroupoli (Greece). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The scale of analysis is 1:25000. The estimated geometric accuracy (RMSE) is 20.0 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 2500 sq

440000 Data sources

Pre-event image: Sentinel-2A (2020) (acquired on 26/11/2020 at 09:13 UTC, GSD 10.0 m, approx. 0% cloud coverage in AoI, 0° off-nadir angle) provided under COPERNICUS by the European Union and Post-event image: Sentinel-1A (2021) (acquired on 03/02/2021 at 16:08 UTC, GSD 10.0 m) provided under COPERNICUS by the European Union and ESA.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2021), Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2018, 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, 2015 https://data.europa.eu/89h/jrc-ghsl-ghs_pop_gpw4_globe_r2015a.

Digital Elevation Model: EU-DEM (25 m)

460000 Disclaimer

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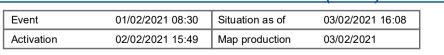
Delivery formats are Layered Geospatial PDF, GeoJPEG and vector (ESRI shapefiles, Google Earth KML, GeoJSON).

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

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Relevant date records (UTC)





26°40'0"E

