



### Chrisoupoli - GREECE

#### Flood - Situation as of 30/06/2018

#### Grading



#### Cartographic Information

1:55000 Full color ISO A1, high resolution (300 dpi)



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

#### Legend

- Crisis Information**
  - Flooded Area (30/06/2018)
  - Mudflow
- General Information**
  - Area of Interest
  - Not Analyzed
- Picenames**
  - Picename
- Administrative boundaries**
  - Municipality
  - Region
- Built-Up Area**
  - Built-Up Area
- Hydrography**
  - River
  - Stream
  - Lake
  - Land Subject to Inundation
  - Open Water
  - River
  - River Bank
- Facilities**
  - Dam
  - Construction for mining or extraction
- Transportation**
  - Airfield runway
  - Bridge and elevated highway
  - Highway
  - Primary Road
  - Secondary Road
  - Local Road
  - Long-distance railway
  - Airfield runway

Consequences within the AOI		Unit of measurement	Affected	Total in AOI
Flooded area	ha	1872.6		
Mud flow	ha	26.4		
Estimated population	Number of inhabitants	1050	1	10167
Settlements	Residential	ha	9.1	2916.7
	Industrial building and warehouse	ha	7.0	303.9
	Industrial	ha	0.0	34.9
	Industrial Buildings	ha	0.0	50.1
	Non-residential farm	ha	4.5	34.8
	Other building not elsewhere classified	ha	0.2	19.4
	Multi-Functional	ha	0.0	10.4
Transportation	Airfield runway	ha	0	56
	Bridge and elevated highway	ha	0	48
	Highway	km	0.9	40.3
	Primary Road	km	0.1	41.3
	Secondary Road	km	1.5	78.5
	Local Road	km	5.2	497.5
	Long-distance railways	km	0.0	15.9
Facilities	Construction for mining or extraction	ha	0.0	203.2

#### Map Information

Due to heavy rainfall during the last 48 hours, thousands of acres of agricultural land are estimated to be under water in the broader area of Chrisoupoli in the north-eastern Greece. The River Neos as well as other rivers burst their banks. Landslides occurred and parts of national roads in the area were inundated. The General Secretary for Civil Protection has declared the State of Emergency in that area.

The present map shows the damage grade assessment in the area of Chrisoupoli/GREECE. The thematic layer has been derived from post-event satellite image using a by means of visual interpretation. The estimated geometric accuracy is 5 m CE90 or better, from native positional accuracy of the background satellite image.

Relevant date records			
Event	28/06/2018	Situation as of	30/06/2018
Activation	29/06/2018	Map production	30/06/2018

**Data Sources**  
Pre-event image: Sentinel 2A/B 2018 (acquired on 25/06/2018 at 09:08 UTC, GSD 10.0 m, approx. 7% cloud coverage in AoI, 0° off-nadir angle) provided under COPERNICUS by the European Union and ESA.  
Post-event image: SPOT6 © Airbus DS 2018 (acquired on 30/06/2018 at 09:05 UTC, GSD 1.5 m, approx. 8% cloud coverage in AoI, 33° off-nadir angle) provided under COPERNICUS by the European Union and ESA.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, refined by the producer.  
Inset maps: JRC 2013, © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2013.

Population data: GHS - Population Grid © European Commission, 2015  
http://data.europa.eu/89h/jrc-ghsl-ghs\_pop\_gpw4\_globe\_12015a.  
Digital Elevation Model: SRTM (90m) (NASA/USGS)

#### Disclaimer

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Please be aware that the thematic accuracy might be lower in urban and forested areas due to inherent limitations of the SAR analysis technique.

Map produced by GAF AG released by SERTIT (ODO).  
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