

# JRC Dataset

## EFAS flood warnings and aid activations

### Description:

This data set contains the locations of active EFAS flood warnings and ERCC (Emergency Response Coordination Centre) activations. In detail, this dataset contains four different types of locations: 1) region or river basin where an EFAS Formal Flood Notification has been sent to. 2) region or river basin where an EFAS Informal Flood Notification has been sent to. 3) region or river basin where an EFAS Flash Flood Notification has been sent to. 4) International aid has been requested to the ERCC due to a significant flood event. This information is produced by the operational EFAS ([www.efas.eu](http://www.efas.eu)) in order to communicate to the EFAS partners the location at which there is a high probability of flooding forecasted. The update frequency of this data set is twice a day (00:00 and 12:00 UTC); and the spatial coverage is the extended geographic Europe.

### How to cite:

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### Keywords:

Copernicus, Copernicus Emergency Management Service, EFAS, Human health and safety, Hydrography, flood forecast, flood warning, pan European

### Related resources:

#### Data access

##### EFAS WMS-T (Web Map Service Time)

EFAS partners have the possibility to access and download selected products from the operational EFAS by using this password-protected OGC service.

[http://ies-ows.jrc.ec.europa.eu/efas\\_jrc\\_ows/](http://ies-ows.jrc.ec.europa.eu/efas_jrc_ows/)

##### EFAS active information

This data set can be viewed by EFAS partners online under [www.efas.eu](http://www.efas.eu) by activating the layer "EFAS active information"

<http://www.efas.eu>

##### EFAS Sensor Observation Service (SOS)

EFAS partners have the possibility to access and download selected products from the operational EFAS by using this password-protected OGC service.

[http://incubator.ecmwf.int/52n-sos-webapp\\_efas/sos/kvp?service=SOS&request;=GetCapabilities](http://incubator.ecmwf.int/52n-sos-webapp_efas/sos/kvp?service=SOS&request;=GetCapabilities)

#### Publications

##### Medium Range Flood Forecasting - Example EFAS

Thielen Del Pozo, J., Salamon, P., Burek, P., Pappenberger, F., Cristina, A., Sprokkereef, E., Hazlinger, M., Garcia-Padilla, M. and Garcia-sanchez, R., Medium Range Flood Forecasting - Example EFAS, In: Handbook of Hydrometeorological Ensemble Forecasting, 2016, ISBN 978-3-642-40457-3, p. 1-17, JRC102648.

DOI:[10.1007/978-3-642-40457-3\\_51-1](https://doi.org/10.1007/978-3-642-40457-3_51-1)

### Additional information:

Issue date: 2017-03-06

Landing page: <https://www.efas.eu/>

Update frequency: None

Language: English

Data theme(s): Environment; Health; Science and technology

EuroVoc domain(s): 28 SOCIAL QUESTIONS; 36 SCIENCE

EuroVoc concept(s): hydrology

Identifier: <http://data.europa.eu/89h/732cf164-d7d6-4c90-9579-ee7774497f9c>

## Geographic information:

Lineage: No additional information

Geographic bounding box: 67° N, 41° E, 27° S, -11.5° W

Coordinate Reference System: ETRS89 / LAEA Europe