

# JRC Dataset

## EFAS flood probabilities

### Description:

This data set shows for all European rivers the probability (in %) of the EFAS hydrological predictions (based on the ECMWF ensembles) exceeding the EFAS 5-year return period within the forecast range (next 10 days). This information is part of the operational suit of EFAS ([www.efas.eu](http://www.efas.eu)) and intends to provide EFAS partners with an overview on the spatial distribution of flood probability along European rivers in order to increase awareness of possible upcoming flood situations at an early stage. 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, with a spatial resolution of 5 x 5 km.

### How to cite:

European Commission, Joint Research Centre(2017): EFAS flood probabilities. European Commission, Joint Research Centre (JRC) [Dataset] PID: <http://data.europa.eu/89h/316bf0ab-973d-41b0-97c5-7c217ea52871>

### Keywords:

Copernicus, Copernicus Emergency Management Service, EFAS, Human health and safety, Hydrography, flood forecast, flood peak, hydrological extremes, pan European

### Related resources:

#### Data access

##### 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)

##### 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 reporting points

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

<http://www.efas.eu>

### 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/316bf0ab-973d-41b0-97c5-7c217ea52871>

### Geographic information:

Lineage: No additional information

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

Coordinate Reference System: ETRS89 / LAEA Europe