

Pan-European High Resolution Image Mosaic 2012 - True Colour, Coverage 2 (5 m), June 2015

The pan-European High Resolution (HR) Image Mosaic 2012 provides HR1 (High Resolution: 5 meter) coverage over Europe.

The surface covered by the image dataset is 5.8 million square kilometres and has a spatial resolution of 5 meters. The imagery is composed during specific acquisition windows in 2011, 2012 and 2013. Coverage 2 acquisitions are expected to be 6 weeks away from Coverage 1, down to a minimum of 2 weeks for northern countries, including United Kingdom. The ± 6 weeks criteria might not be strictly applied over Atlantic Islands and French DOMs (seasonal changes are limited in the equatorial DOMs). Images are derived from the following satellite sensors:

RapidEye constellation

The mosaic primarily is used as input data in the production of various Copernicus Land Monitoring Service (CLMS) datasets and services, such as land cover maps and high resolution layers on land cover characteristic and can be also useful for CLMS users for visualizations and classifications on land.

The input imagery for the creation of the mosaic is provided by ESA. Due to license restrictions, HR Image Mosaic 2012 is only available as a web service (WMS), and not for data download.

Simple

Date (Creation)	2015-06-25T00:00:00				
Date (Publication)	2015-06-25T00:00:00				
Edition	01.00				
Citation identifier	copernicus_r_3035_5_m_hrim-tc-cov2-2012_i_2011-2013_v01_r00				
Point of contact	Organisation name	Individual name	Electronic mail address	Website	Role
	European Environment Agency		copernicus@eea.europa.eu	http://www.eea.europa.eu	Point of contact
	European Environment Agency		copernicus@eea.europa.eu		Custodian
	European Environment Agency		copernicus@eea.europa.eu	https://land.copernicus.eu	Distributor

Point of contact

No information provided.

Maintenance and update frequency	As needed
GEMET - INSPIRE themes, version 1.0	Orthoimagery
Keywords	
Keywords	
GEMET	- general - environmental policy - mosaic - raster - satellite image

Continents, countries, sea regions of the world.	• EEA38 (from 2020) • United Kingdom
Spatial scope	• European
Temporal resolution	• As needed
EEA topics	• Land use
Access constraints	Other restrictions
Other constraints	Public access limited according to Article 13(1)(e) of the INSPIRE Directive
Use constraints	Other restrictions
Other constraints	This dataset is based on inputs from several Copernicus Contributing Missions. Hence, the following license conditions apply: ESA-User license for the use of Copernicus Contributing Missions data - Data Warehouse phase 2 (2014-2020): https://spacedata.copernicus.eu/documents/20126/0/CSCDA_ESA_User_Licence_last_uploaded_2020_02_10.pdf/b879907e-bd00-688e-bf42-bf27a00d70cb?t=1581335391752
Spatial representation type	Grid
Distance	5 5 m
Language of dataset	English
Topic category	• Environment • Imagery base maps earth cover

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Begin date	2011-01-01		
End date	2013-12-31		
Coordinate reference system identifier	EPSG:3035		
Distribution format	GeoTIFF ()		
OnLine resource	Protocol WWW:LINK-1.0-http--link OGC:WMS WWW:LINK-1.0-http--link	Linkage https://land.copernicus.eu/imagery-in-situ/european-image-mosaics/high-resolution/image%202012/core-1-2013-cov-2-5m https://copernicus.discomap.eea.europa.eu/arcgis/services/GioLand/HRIM2012_C2_5/MapServer/WMSServer?request=GetCapabilities&service=WMS	Name Download (requires authentication)
OnLine resource	Protocol ESRI:REST	Linkage https://copernicus.discomap.eea.europa.eu/arcgis/rest/services/GioLand/HRIM2012_C2_5/MapServer	Name
Hierarchy level	Dataset		

Conformance result

Date (Publication)	2010-12-08
Explanation	See the referenced specification
Statement	

Original narrow and extended acquisition windows have been progressively reviewed in 2012 and in 2013, in order to meet user requirements:

- Cloud coverage: 5% per country.
- 20m RMSE/ Geolocation accuracy after orthorectification. Exception is made for mountainous areas such as the Alps and the Pyrenees where slope angles are > 10%.

In addition products should mostly be:

- Without haze
- Snow coverage < 10%: [only for glaciers/perennial snow]
- Instrument incidence/Pointing angle < 30%.

Note: SPOT products are:

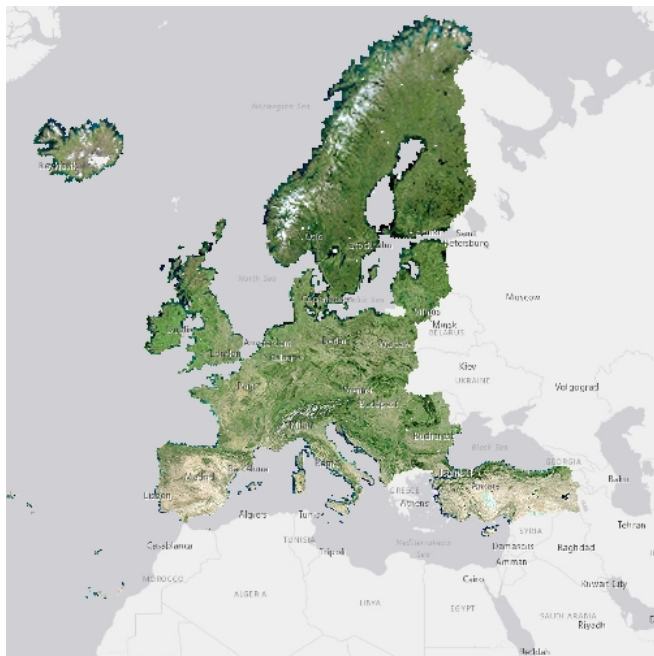
- Not atmospherically corrected
- 1% saturated pixels.

Two Step Resampling is applied i.e. the 6.5 meter raw data are orthorectified with a single resampling step to 5 meters resolution in UTM projection.

Metadata

File identifier	fc913ec2-7d55-4958-aaba-1169a9de3b9e XML		
Metadata language	English		
Character set	UTF8		
Hierarchy level	Dataset		
Date stamp	2021-11-25T08:53:32.042Z		
Metadata standard name	ISO 19115/19139		
Metadata standard version	1.0		
Metadata author	Organisation name	Individual name	Electronic mail address Website Role
	European Environment Agency		sdi@eea.europa.eu Point of contact

Overviews



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