Annual start of vegetation growing season time-series 2000-2016, version 1, Mar. 2019

The raster file is the time series of the start of the vegetation growing season.

The start of the growing season time-series is based on the time series of the Plant Phenology Index (PPI) derived from the MODIS BRDF-Adjusted Reflectance product (MODIS MCD43 NBAR). The PPI index is optimized for efficient monitoring of vegetation phenology and is derived from the source MODIS data using radiative transfer solutions applied to the reflectance in visible-red and near infrared spectral domains. The start of season indicator is based on calculating the start of the vegetation growing season from the annual PPI temporal curve using the TIMESAT software for each year between and including 2000 and 2016.

Simple

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Date (Creation)	2018-08-30
Edition	01.00
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Point of contact

No information provided.

Point of contact

No information provided.

Maintenance and update frequency	As needed
EEA topics	• Land use • Biodiversity
GEMET - INSPIRE themes, version 1.0	• Land cover • Land use • Habitats and biotopes
Keywords	
Keywords	
GEMET	• natural areas, landscape, ecosystems • vegetation • biomass • season • agriculture • biodiversity • land cover
Continents, countries, sea regions of the world.	• EEA39
Spatial scope	• European
	• Annually

Temporal resolution	2019 1.8.2
EEA Management Plan	Other restrictions
Access constraints	[no limitations to public access](#)
Other constraints	Other restrictions
Use constraints Other constraints	EEA standard re-use policy: unless otherwise indicated, re-use of content on the EEA website for commercial or non-commercial purposes is permitted free of charge, provided that the source is acknowledged (http://www.eea.europa.eu/legal/copyright). Copyright holder: European Environment Agency (EEA).
Aggregate Datasetindentifier	29ae2d47-7af2-4c09-ba5f-e2fbb7c2b0d1
Association Type	Cross reference
Aggregate Datasetindentifier	1be91ed4-2eb1-46d6-8453-5246c9e9d446
Association Type	Cross reference
Aggregate Datasetindentifier	4635cd57-65d9-47b4-b18e-98a781ef27bb
Association Type	Cross reference
Aggregate Datasetindentifier	42012fdb-4612-41fb-a8f2-a195692ecf24
Association Type	Cross reference
Spatial representation type	Grid
Distance	500 500 m
Language of dataset	English
Topic category	Environment

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Begin date	2000-01-01
End date	2016-12-31
Coordinate reference system identifier	EPSG:3035
Distribution format	• BIL (2016)

OnLine resource	Protocol	Linkage	Name
	EEA:FILEPATH	https://sdi.eea.europa.eu/webdav/datastore/public/eea_r_3035_500_m_p-sos_p_2000-2016_v01_r00/	
	WWW:URL	https://sdi.eea.europa.eu/data/f4b01c76-29f7-4075-b13f-5dc5a9c18ae2	Direct download
	ESRI:REST	https://land.discomap.eea.europa.eu/arcgis/rest/services/Phenology/StartOfSeason_2000_2016_long_term_mean/ImageServer	
	OGC:WMS	https://land.discomap.eea.europa.eu/arcgis/services/Phenology/StartOfSeason_2000_2016_long_term_mean/ImageServer/WMSServer?request=GetCapabilities&service=WMS	

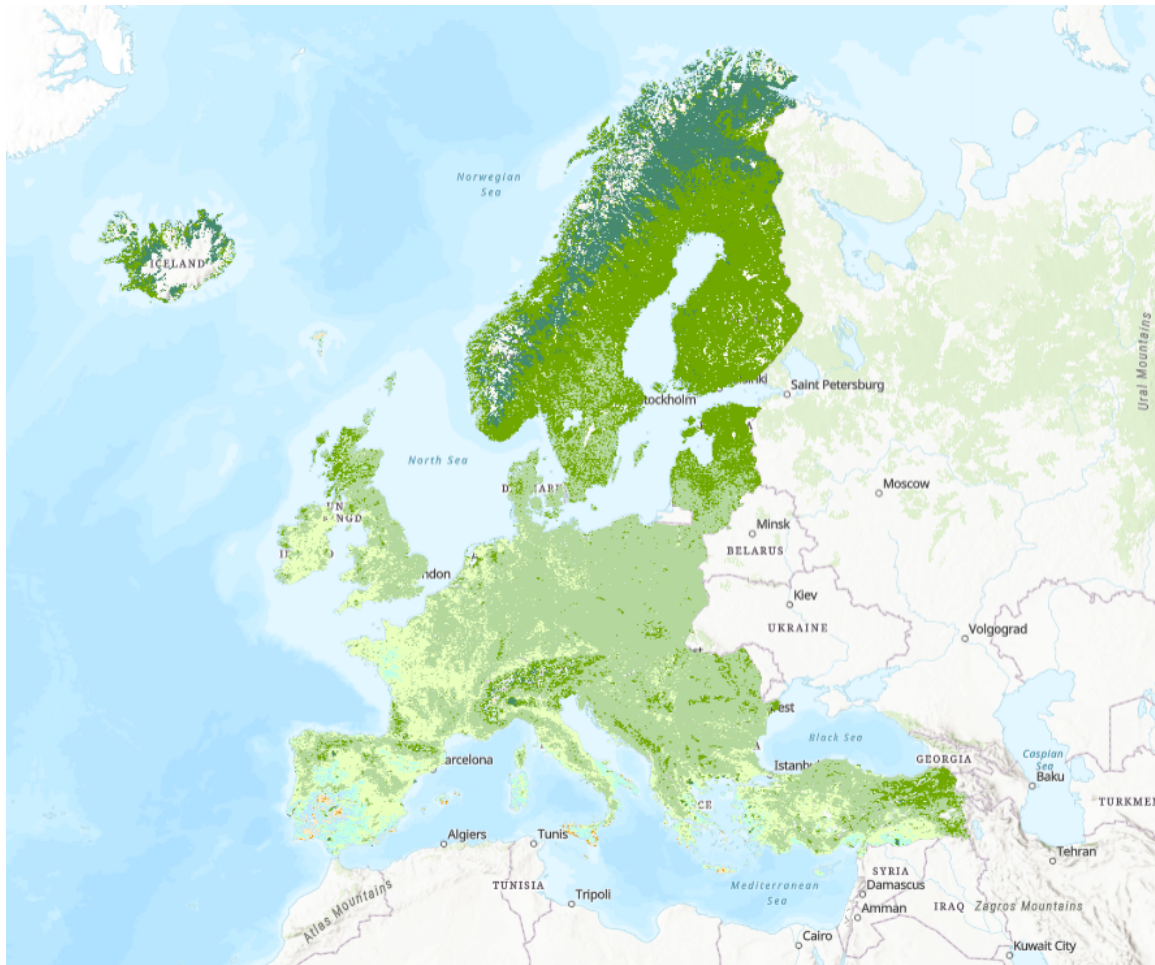| Hierarchy level	Dataset

Conformance result

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

Statement	The data set computation steps are:
	• Calculation of the PPI index from the MODIS MCD43 NBAR product
	• Extraction of the start of growing season point on the annual PPI curve for all years between the 2000 – 2016 period.
	For detailed methodology of the LINT calculation please see the TIMESAT documentation available at: http://web.nateko.lu.se/timesat/timesat.asp?cat=6

Metadata

File identifier	f4b01c76-29f7-4075-b13f-5dc5a9c18ae2 XML
Metadata language	English
Character set	UTF8

Hierarchy level	Dataset
Date stamp	2021-05-17T16:02:09.564Z
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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