

## 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

<b>Date (Publication)</b>	2019-03-12
<b>Date (Creation)</b>	2018-08-30
<b>Edition</b>	01.00
<b>Citation identifier</b>	eea_r_3035_500_m_p-sos_p_2000-2016_v01_r00
<b>Citation identifier</b>	DAT-229-en

### Point of contact

No information provided.

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No information provided.

<b>Maintenance and update frequency</b>	As needed
<b>EEA topics</b>	<ul style="list-style-type: none"> <li>• Land use</li> <li>• Biodiversity</li> </ul>
<b>GEMET - INSPIRE themes, version 1.0</b>	<ul style="list-style-type: none"> <li>• <a href="#">Land cover</a></li> <li>• <a href="#">Land use</a></li> <li>• <a href="#">Habitats and biotopes</a></li> </ul>
<b>Keywords</b>	
<b>Keywords</b>	
<b>GEMET</b>	<ul style="list-style-type: none"> <li>• natural areas, landscape, ecosystems</li> <li>• vegetation</li> <li>• biomass</li> <li>• season</li> <li>• agriculture</li> <li>• biodiversity</li> <li>• land cover</li> </ul>
<b>Continents, countries, sea regions of the world.</b>	<ul style="list-style-type: none"> <li>• EEA39</li> </ul>
<b>Spatial scope</b>	<ul style="list-style-type: none"> <li>• <a href="#">European</a></li> </ul>
	<ul style="list-style-type: none"> <li>• Annually</li> </ul>

<b>Temporal resolution</b>	<ul style="list-style-type: none"> <li>• 2019 1.8.2</li> </ul>
<b>EEA Management Plan</b>	Other restrictions
<b>Access constraints</b>	<a href="#">no limitations to public access</a>
<b>Other constraints</b>	Other restrictions
<b>Use constraints</b>	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 ( <a href="http://www.eea.europa.eu/legal/copyright">http://www.eea.europa.eu/legal/copyright</a> ). Copyright holder: European Environment Agency (EEA).
<b>Other constraints</b>	
<b>Aggregate Datasetidentifier</b>	29ae2d47-7af2-4c09-ba5f-e2fb7c2b0d1
<b>Association Type</b>	Cross reference
<b>Aggregate Datasetidentifier</b>	1be91ed4-2eb1-46d6-8453-5246c9e9d446
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<b>Aggregate Datasetidentifier</b>	4635cd57-65d9-47b4-b18e-98a781ef27bb
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<b>Association Type</b>	Cross reference
<b>Spatial representation type</b>	Grid
<b>Distance</b>	500 m
<b>Language of dataset</b>	English
<b>Topic category</b>	<ul style="list-style-type: none"> <li>• Environment</li> </ul>



<b>Begin date</b>	2000-01-01
<b>End date</b>	2016-12-31
<b>Coordinate reference system identifier</b>	<a href="#">EPSG:3035</a>
<b>Distribution format</b>	<ul style="list-style-type: none"> <li>• BIL ( 2016 )</li> </ul>

### OnLine resource

No information provided.

<b>Hierarchy level</b>	Dataset
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### Conformance result

<b>Date (Publication)</b>	2010-12-08
<b>Explanation</b>	See the referenced specification

<b>Statement</b>	<p>The data set computation steps are:</p> <ul style="list-style-type: none"> <li>• Calculation of the PPI index from the MODIS MCD43 NBAR product</li> <li>• Extraction of the start of growing season point on the annual PPI curve for all years between the 2000 – 2016 period.</li> </ul> <p>For detailed methodology of the LINT calculation please see the TIMESAT documentation available at: <a href="http://web.nateko.lu.se/timesat/timesat.asp?cat=6">http://web.nateko.lu.se/timesat/timesat.asp?cat=6</a></p>
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### Metadata

<b>File identifier</b>	f4b01c76-29f7-4075-b13f-5dc5a9c18ae2 <a href="#">XML</a>
<b>Metadata language</b>	English
<b>Character set</b>	UTF8
<b>Hierarchy level</b>	Dataset
<b>Date stamp</b>	2021-05-17T16:02:09.564Z
<b>Metadata standard name</b>	ISO 19115/19139
<b>Metadata standard version</b>	1.0

Metadata author

Organisation name

Individual name

Electronic  
mail  
address

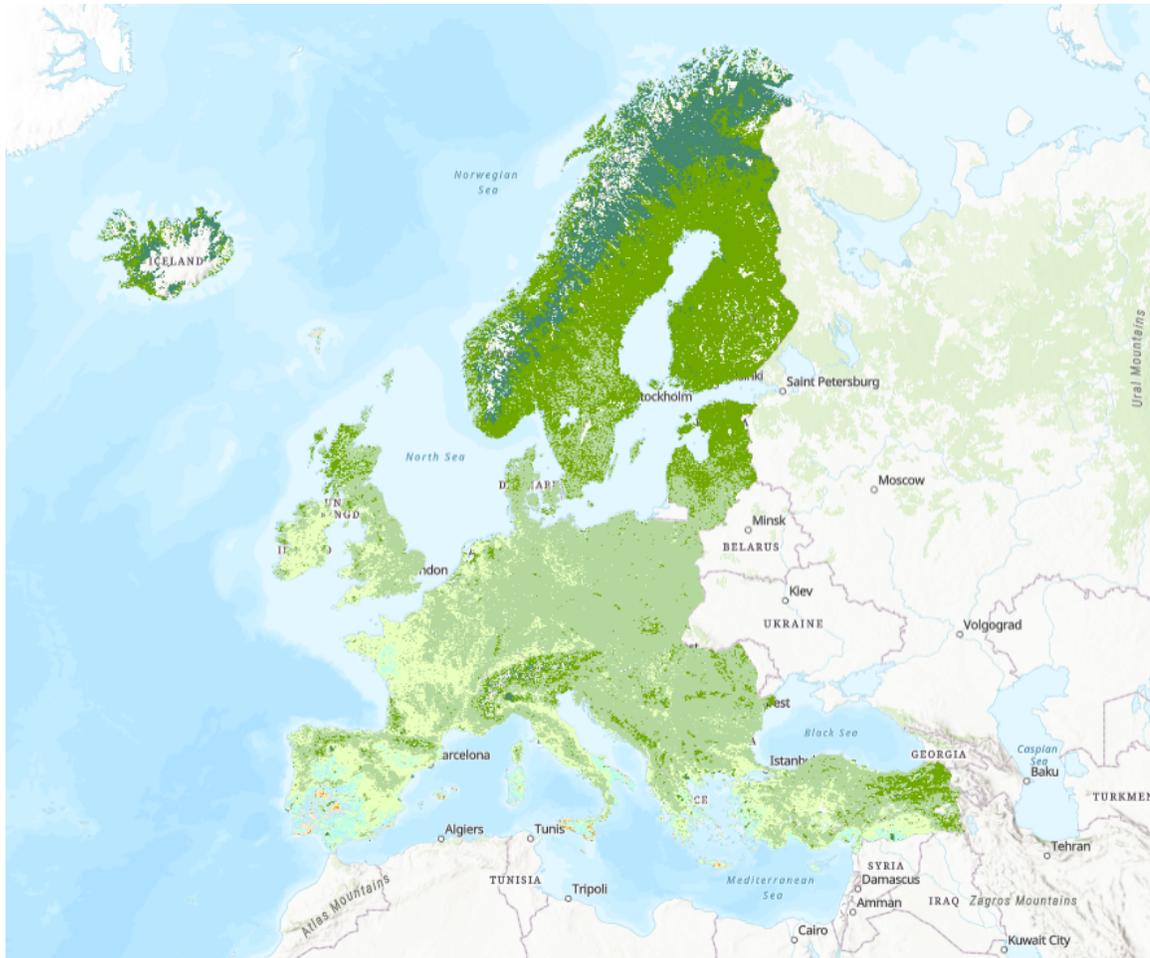
Website Role

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Point  
of  
contact

## Overviews



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