

## GPCC Climatology Version 2011 (at 0.25°, 0.5°, 1.0°, 2.5°): Monthly Land-Surface Precipitation Climatology for Every Month and the Total Year from Rain-Gauges built on GTS- based and Historic Data

[Metadata](#) | [Metadata \(XML\)](#)

Title	GPCC Climatology Version 2011 (at 0.25°, 0.5°, 1.0°, 2.5°): Monthly Land-Surface Precipitation Climatology for Every Month and the Total Year from Rain-Gauges built on GTS-based and Historic Data
Date	2011-01-01T00:00:00
Date type	Publication
Abstract	<p>This is the GPCC Precipitation Climatology providing the mean monthly global land-surface precipitation for every month of the year and the annual total. It is based on the 67,200 stations world-wide that feature record durations of 10 years or longer, for the target reference period January 1951 to December 2000. However, if no station data were available for the target period, earlier or later data records of 10 years or longer are considered, yielding a high station density and temporal stability for the climatology.</p> <p>This climatology is available on a regular latitude/longitude grid with a spatial resolution of 0.25° x 0.25°, 0.5° x 0.5°, 1.0° x 1.0°, and 2.5° x 2.5°.</p>

Metadata language	eng
Character set	UTF8
Hierarchy level	Dataset

### OnLine resource

Linkage	<a href="http://dx.doi.org/10.5676/DWD_GPCC/CLIM_M_V2011_025">http://dx.doi.org/10.5676/DWD_GPCC/CLIM_M_V2011_025</a>
Protocol	WWW:LINK-1.0-http--link
Linkage	<a href="http://dx.doi.org/10.5676/DWD_GPCC/CLIM_M_V2011_050">http://dx.doi.org/10.5676/DWD_GPCC/CLIM_M_V2011_050</a>
Protocol	WWW:LINK-1.0-http--link
Linkage	<a href="http://dx.doi.org/10.5676/DWD_GPCC/CLIM_M_V2011_100">http://dx.doi.org/10.5676/DWD_GPCC/CLIM_M_V2011_100</a>
Protocol	WWW:LINK-1.0-http--link
Linkage	<a href="http://dx.doi.org/10.5676/DWD_GPCC/CLIM_M_V2011_250">http://dx.doi.org/10.5676/DWD_GPCC/CLIM_M_V2011_250</a>
Protocol	
Linkage	<a href="http://gpcc.dwd.de">http://gpcc.dwd.de</a>
Protocol	
Linkage	<a href="http://kunden.dwd.de/GPCC/Visualizer">http://kunden.dwd.de/GPCC/Visualizer</a>
Protocol	
Linkage	<a href="http://kunden.dwd.de/GPCC/Visualizer_intro?p_dataset=gpcc_normals_v2011_05&amp;p_coast=1&amp;p_art=0&amp;p_out=0&amp;p_season=6&amp;p_scale=1.4&amp;%2B180.&amp;p_latmin=-90.&amp;p_latmax=%2B90.&amp;p_color=1&amp;p_proj=1">http://kunden.dwd.de/GPCC/Visualizer_intro?p_dataset=gpcc_normals_v2011_05&amp;p_coast=1&amp;p_art=0&amp;p_out=0&amp;p_season=6&amp;p_scale=1.4&amp;%2B180.&amp;p_latmin=-90.&amp;p_latmax=%2B90.&amp;p_color=1&amp;p_proj=1</a>
Protocol	
Linkage	<a href="ftp://ftp.dwd.de/pub/data/gpcc/PDF/GPCC_intro_products_v2011.pdf">ftp://ftp.dwd.de/pub/data/gpcc/PDF/GPCC_intro_products_v2011.pdf</a>
Protocol	

### Point of contact

Individual name	Dr. Andreas Becker
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Organisation name	Deutscher Wetterdienst (DWD)
Position name	Head of GPCC
Role	Point of contact
Topic category	Climatology, meteorology, atmosphere

## Keyword

Keyword	Meteorological geographical features
Type	Theme
Keyword	climatology, meteorology, hydrology
Type	Discipline
Keyword	World
Type	Place
Keyword	climate data, precipitation analysis, grid fields
Type	Theme

## Extent

### Geographic bounding box

West bound	-180
East bound	180
South bound	-90
North bound	90
West bound	-180
East bound	180
South bound	-90
North bound	90

## Lineage

Statement	The monthly precipitation data have been checked statistically, the data flagged as questionable passed through an additional visual quality-control and the monthly precipitation time series have been checked for temporal homogeneity. In addition to that the climatological normals have been checked for spatial consistency.
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## Resource constraints

Use limitation	free with citation to:
Use limitation	For 0.25° grid resolution: Meyer-Christoffer, Anja; Becker, Andreas; Finger, Peter; Rudolf, Bruno; Schneider, Udo; Ziese, Markus (2011): GPCC Climatology Version 2011 at 0.25°: Monthly Land-Surface Precipitation Climatology for Every Month and the Total Year from Rain-Gauges built on GTS-based and Historic Data. DOI: 10.5676/DWD_GPCC/CLIM_M_V2011_025
Use limitation	For 0.5° grid resolution: Meyer-Christoffer, Anja; Becker, Andreas; Finger, Peter; Rudolf, Bruno; Schneider, Udo; Ziese, Markus (2011): GPCC Climatology Version 2011 at 0.5°: Monthly Land-Surface Precipitation Climatology for Every Month and the Total Year from Rain-Gauges built on GTS-based and Historic Data. DOI: 10.5676/DWD_GPCC/CLIM_M_V2011_050
Use limitation	For 1.0° grid resolution: Meyer-Christoffer, Anja; Becker, Andreas; Finger, Peter; Rudolf, Bruno; Schneider, Udo; Ziese, Markus (2011): GPCC Climatology Version 2011 at 1.0°: Monthly Land-Surface Precipitation Climatology for Every Month and the Total Year from Rain-Gauges built on GTS-based and Historic Data. DOI: 10.5676/DWD_GPCC/CLIM_M_V2011_100
Use limitation	For 2.5° grid resolution: Meyer-Christoffer, Anja; Becker, Andreas; Finger, Peter; Rudolf, Bruno; Schneider, Udo; Ziese, Markus (2011): GPCC Climatology Version 2011 at 2.5°: Monthly Land-Surface Precipitation Climatology for Every Month and the Total Year

from Rain-Gauges built on GTS-based and Historic Data. DOI: 10.5676/DWD\_GPCC/  
CLIM\_M\_V2011\_250

File identifier de.dwd.gpcc.dataset.monthly.climatology.version2011

Metadata language eng

Character set UTF8

### Metadata author

Individual name Udo Schneider

Organisation name Deutscher Wetterdienst (DWD)

Role Point of contact

Date stamp 2012-09-06T07:35:21