

GPCC Full Data Reanalysis Version 6.0 (at 0.5°, 1.0°, 2.5°): Monthly Land-Surface Precipitation from Rain-Gauges built on GTS-based and Historic Data

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Title	GPCC Full Data Reanalysis Version 6.0 (at 0.5°, 1.0°, 2.5°): Monthly Land-Surface Precipitation from Rain-Gauges built on GTS-based and Historic Data
Date	2011-01-01T00:00:00
Date type	Publication
Abstract	This is the centennial GPCC Full Data Reanalysis of monthly global land-surface precipitation based on the 67,200 stations world-wide that feature record durations of 10 years or longer. This product contains the monthly totals on a regular grid with a spatial resolution of 0.5° x 0.5°, 1.0° x 1.0°, and 2.5° x 2.5° latitude by longitude. Precipitation anomalies at the stations are interpolated and then superimposed on the GPCC Climatology V2011 in the corresponding resolution (DOIs: 10.5676/DWD_GPCC/Clim_M_V2011_050, 10.5676/DWD_GPCC/Clim_M_V2011_100, and 10.5676/DWD_GPCC/Clim_M_V2011_250). The temporal coverage of the dataset ranges from January 1901 until December 2010.

Metadata language	eng
Character set	UTF8
Hierarchy level	Dataset

OnLine resource

Linkage	http://dx.doi.org/10.5676/DWD_GPCC/FD_M_V6_050
Protocol	WWW:LINK-1.0-http--link
Linkage	http://dx.doi.org/10.5676/DWD_GPCC/FD_M_V6_100
Protocol	WWW:LINK-1.0-http--link
Linkage	http://dx.doi.org/10.5676/DWD_GPCC/FD_M_V6_250
Protocol	WWW:LINK-1.0-http--link
Linkage	http://gpcc.dwd.de
Protocol	
Linkage	http://kunden.dwd.de/GPCC/Visualizer
Protocol	
Linkage	http://kunden.dwd.de/GPCC/Visualizer_intro?p_dataset=gpcc_full_v6_05_precip&p_coast=1&p_art=0&p_out=0&p_season=6&p_scale=1.4&p_%2B180.&p_latmin=-90.&p_latmax=%2B90.&p_color=1&p_proj=1
Protocol	
Linkage	ftp://ftp.dwd.de/pub/data/gpcc/PDF/GPCC_intro_products_v2011.pdf
Protocol	

Point of contact

Individual name	Dr. Andreas Becker
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 and the data flagged as questionable passed through an additional visual quality-control. In addition to that the monthly precipitation data have been checked for spatial and temporal homogeneity.
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Resource constraints

Use limitation	free with citation to:
Use limitation	For 0.5° grid resolution: Schneider, Udo; Becker, Andreas; Finger, Peter; Meyer-Christoffer, Anja; Rudolf, Bruno; Ziese, Markus (2011): GPCC Full Data Reanalysis Version 6.0 at 0.5°: Monthly Land-Surface Precipitation from Rain-Gauges built on GTS-based and Historic Data. DOI: 10.5676/DWD_GPCC/FD_M_V6_050
Use limitation	For 1.0° grid resolution: Schneider, Udo; Becker, Andreas; Finger, Peter; Meyer-Christoffer, Anja; Rudolf, Bruno; Ziese, Markus (2011): GPCC Full Data Reanalysis Version 6.0 at 1.0°: Monthly Land-Surface Precipitation from Rain-Gauges built on GTS-based and Historic Data. DOI: 10.5676/DWD_GPCC/FD_M_V6_100
Use limitation	For 2.5° grid resolution: Schneider, Udo; Becker, Andreas; Finger, Peter; Meyer-Christoffer, Anja; Rudolf, Bruno; Ziese, Markus (2011): GPCC Full Data Reanalysis Version 6.0 at 2.5°: Monthly Land-Surface Precipitation from Rain-Gauges built on GTS-based and Historic Data. DOI: 10.5676/DWD_GPCC/FD_M_V6_250
File identifier	de.dwd.gpcc.dataset.monthly.fulldata.version6
Metadata language	eng
Character set	UTF8

Metadata author

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Role	Point of contact
Date stamp	2012-09-06T08:16:19