

CRU CL 2.0 global 10' monthly climatology (1961-1990) (IMPETUS dataset ID = 305)

General information

Dataset name: CRU CL 2.0 global 10' monthly climatology (1961-1990) (IMPETUS dataset ID = 305)
Created on: 2002-07-12

Contact(s)

Hoffmann, Ralf - Institut für Geophysik und Meteorologie der Universität zu Köln - rhoff@meteo.uni-koeln.de (PI or Lead scientist)

Period

Date begin (yyyy-mm-jj): 1961-01-01
Date end (yyyy-mm-jj): 1990-12-31

Project(s)

IMPETUS

Data description

Abstract

The CRU CL 2.0 data-set comprises monthly grids of observed mean climate from 1961-1990, and covering the global land surface at a 10 minute spatial resolution. There are eight climatic variables available, and also the elevations on the grid: diurnal temperature range, precipitation, mean temperature, wet-day frequency, frost-day frequency, relative humidity, sunshine, and wind-speed. In addition minimum and maximum temperature may be deduced from mean temperature and diurnal temperature range. For further information refer to <http://www.cru.uea.ac.uk/cru/data/tmc/readme.txt>. Parameter, Attribute list: wind speed, precipitation, mean temperature, wet day frequency, diurnal temperature range, frost day frequency, relative humidity, sunshine. Dataset created by IMPETUS subproject AB1.

Data Lineage: Climatic Research Unit; No information about Data Consistency; No information about Data Completeness; No information about Positional Accuracy; Data Completeness: For estimation of interpolation errors see New, M., Lister, D., Hulme, M. and Makin, I., (2002): A high-resolution data set of surface climate over global land areas. *Climate Research* 21:1-25, http://www.cru.uea.ac.uk/cru/data/tmc/new_et_al_10minute_climate_CR.pdf

Geographic information

CRU CL 2.0 global

Location name:	CRU CL 2.0 global
Platform type:	Geographic Regions
West bounding coordinate (°):	-179.917
East bounding coordinate (°):	179.917
North bounding coordinate (°):	83.583
South bounding coordinate (°):	-59.083

Measured parameters

Air humidity

Parameter name:	air humidity
Parameter keyword:	Atmosphere > Atmospheric Water Vapor > Water Vapor Indicators > Humidity

Precipitation

Parameter name:	precipitation
Parameter keyword:	Atmosphere > Precipitation

Radiation

Parameter name:	radiation
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Boundary layer

Parameter name:	boundary layer
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Wind Speed

Parameter name:	Wind Speed
Parameter keyword:	Atmosphere > Atmospheric Winds > Wind Speed

Air Temperature

Parameter name:	Air Temperature
Parameter keyword:	Atmosphere > Atmospheric Temperature > Surface Temperature > Air Temperature

Climate

Parameter name:	climate
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Meteorological measurements

Parameter name: meteorological measurements

Data use information

Use constraints: Please inform the Point of Contact if you use the data for publication
Data policy: IMPETUS data policy
Database: IMPETUS
Original data format(s): Text