

Global 30-Year Mean Monthly Climatology, 1961-1990 (New et al.)

Summary:

This is a data set of mean monthly surface climate measurements over global land areas, excluding Antarctica, for the period 1961-1990. Values were interpolated from station data to a 0.5 degree latitude/longitude grid for several climatic parameters: precipitation and wet-day frequency, mean temperature and diurnal temperature range (from which maximum temperature and minimum temperature can be determined), vapour pressure, sunshine, cloud cover, ground-frost frequency and windspeed.

A description of the data files is provided as a companion file.

For a complete documentation of the dataset, see New et al, 1999. Also refer to [IPCC Data Distribution Centre](#).

Data Citation

Cite this data set as follows (citation revised on June 27, 2002):

New, M., M. Hulme, and P. D. Jones. 2000. Global 30-Year Mean Monthly Climatology, 1961-1990 (New et al.). Data set. Available on-line [<http://daac.ornl.gov>] from Oak Ridge National Laboratory Distributed Active Archive Center, Oak Ridge, Tennessee, U.S.A., [doi:10.3334/ORNLDAAAC/542](https://doi.org/10.3334/ORNLDAAAC/542).

References:

New, M. G., M. Hulme, and P. D. Jones. 2000. Representing twentieth century space-time climate variability. Part 1: Development of a 1961-1990 mean monthly terrestrial climatology. *Journal of Climate* 12:829-856.

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