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GLOBAL MONTHLY PRECIPITATION, 1900-1999 (HULME)

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Global Monthly Precipitation, 1900-1999 (Hulme)

Summary:

An historical monthly precipitation data set for global land areas from 1900 to 1998 has been constructed from over 11,880 station time series. The data have been gridded at two different resolutions (2.5 degrees latitude by 3.75 degrees longitude and 5 degrees latitude/longitude) and are available for use in scientific research.

A documentation file accompanies each data file and contains details about the source data, gridding method, data format, and conditions of use.

Data Citation

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

Hulme, M. 1999. Global Monthly Precipitation, 1900-1999 (Hulme). Data set. Available on-line [<http://www.daac.ornl.gov>] from Oak Ridge National Laboratory Distributed Active Archive Center, Oak Ridge, Tennessee, U.S.A. [doi:10.3334/ORNLDAAC/417](https://doi.org/10.3334/ORNLDAAC/417).

References:

Hulme, M. 1992. A 1951-80 global land precipitation climatology for the evaluation of General Circulation Models. *Climate Dynamics* 7:57-72.

Hulme, M. 1994. Validation of large-scale precipitation fields in general circulation models. pp. 387-406 in Desbois, M., and F. Desalmand (eds.), *Global Precipitations and Climate Change*, NATO ASI Series, Springer-Verlag, Berlin.

Hulme, M., T. J. Osborn, and T. C. Johns. Precipitation sensitivity to global warming: Comparison of observations with HadCM2 simulations. *Geophysical Research Letters* 25:3379-3382.

Data Format:

Data format information is contained in the accompanying documentation files.

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