## Climate Data

It has long been recognised that the geographic distribution of most poikilotherms (those plants and animals that have a body temperature that fluctuates with the temperature of the environment) are mostly determined by climate (Andrewartha and Birch, 1984; Woodward & Long 1988).

CLIMEX needs monthly long term average maximum and minimum temperatures, rainfall and relative humidity at 09:00 and 15:00 hours. The Metmanager allows the user to edit lists of stations into subsets (called selections), and to add new data for specific locations of interest. CLIMEX Version 3 is shipped with two meteorological databases: a point database with records from about 2400 meteorological stations worldwide, and a gridded database at 30' spatial resolution (Kriticos et al. 2006) derived from the Climatic Research Unit at the University of East Anglia (New et al. 2002).

**Gridded climate data sets for CLIMEX**

Hearne recommends the use of CliMond data products (https://www.climond.org/) for CLIMEX (Kriticos et al. 2012). This dataset contains cleaned, formatted data at 10' and 30' resolution. The CliMond 10' dataset is a hybrid between the CRU and Worldclim datasets, and includes several future climate scenarios. The CliMond 30' dataset was built using only CRU data.

**References**


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