

## High Resolution Gridded Climate Data

The University of East Anglia's Climate Research Unit (CRU) serves high-resolution, gridded historical climate data. The CRU TS 2.0 dataset spans the 1901–2011 period and reports monthly values of cloud cover, diurnal temperature range, daily mean temperature, monthly average daily maximum temperature, frost day frequency, precipitation, vapor pressure, potential evapotranspiration, and wet day frequency. The spatial resolution is 0.5 x 0.5 degrees and covers nearly the entire globe. The data are based on an archive of monthly mean temperatures provided by more than 4,000 weather stations. This dataset has been extensively used to verify global and regional model historical simulations. One benefit of the CRU TS 2.0 is that it is global. However, in regions with limited observational networks, grid values have higher uncertainty because they are derived from fewer observations, which is particularly problematic in areas with high topographic gradients or high spatial climate variability. Data is provided in ASCII and NetCDF formats. More information, including accessing the data, is found at:

[http://badc.nerc.ac.uk/view/badc.nerc.ac.uk\\_\\_ATOM\\_\\_ACTIVITY\\_3ec0d1c6-4616-11e2-89a3-00163e251233](http://badc.nerc.ac.uk/view/badc.nerc.ac.uk__ATOM__ACTIVITY_3ec0d1c6-4616-11e2-89a3-00163e251233)