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# Data obtained from the Climatic Research Unit, University of East Anglia

## CRU CL 2.0 Global gridded climate data

Citation: New, M., Lister, D., Hulme, M. & Makin, I. A high-resolution data set of surface climate over global land areas. *Climate Research* **21**, 1-25 (2002).

Source: <http://www.cru.uea.ac.uk/cru/data/hrg/>, accessed through FetchClimate <http://research.microsoft.com/en-us/um/cambridge/groups/science/tools/fetchclimate/default.htm#Acknowledgements>

# Data obtained NOAA-ESRL Physical Sciences Division, Boulder Colorado

## NCEP/NCAR Reanalysis 1 data

Citation: Kalnay et al.,The NCEP/NCAR 40-year reanalysis project, Bull. Amer. Meteor. Soc., 77, 437-470, 1996

Source: <http://www.esrl.noaa.gov/psd/>, accessed through FetchClimate <http://research.microsoft.com/en-us/um/cambridge/groups/science/tools/fetchclimate/default.htm#Acknowledgements>

# Data obtained from Oak Ridge National Laboratory Distributed Active Archive Centre (ORNL-DAAC)

## Soil available water capacity data

Citation: Batjes, N. H. (ed.). 2000. Global Data Set of Derived Soil Properties, 0.5-Degree Grid (ISRIC-WISE). [Global Data Set of Derived Soil Properties, 0.5-Degree Grid (International Soil Reference and Information Centre - World Inventory of Soil Emission Potentials)]. 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

Source: <http://daac.ornl.gov/SOILS/guides/IsricGrids.html>

# Data obtained from National Aeronautics and Space Administration (NASA)

## Land-Sea Mask from NASA International Satellite Land Surface Climatology Project

Citation: National Aeronautics and Space Administration (2006) International Satellite Land Surface Climatology Project Global Datasets for Land-Atmosphere Models: Miscellaneous.

Source: <http://iridl.ldeo.columbia.edu/SOURCES/.NASA/.ISLSCP/.GDSLAM/.Miscellaneous/>.

## MODIS derived net primary productivity

Citation: Running, S.W., Nemani, R., Glassy, J.M. & Thornton, P.E. MODIS daily photosynthesis (PSN) and annual net primary production (NPP) product (MOD17). National Aeronautics and Space Administration (2012) NASA Earth Observations: Net Primary Productivity.

Source: <http://neo.sci.gsfc.nasa.gov/Search.html?group=53>

# Simple Ocean Data Assimilation model output

## Sea surface temperature and ocean velocity data

Citation: Carton JA, Giese BS (2008) A reanalysis of ocean climate using Simple Ocean Data Assimilation (SODA). Mon Weather Rev 136: 2999–3017. doi:10.1175/2007MWR1978.1

# Data obtained from the ocean productivity website (<http://www.science.oregonstate.edu/ocean.productivity/>)

## Net primary productivity via Vertically Generalized Production Model

## Citation: Behrenfeld M, Falkowski P (1997) Photosynthetic rates derived from satellite-based chlorophyll concentration. Limnol Oceanogr 42: 1–20.

## Source: Originally obtained from Rutgers Institute of Marine and Coastal Sciences (2004) Vertically Generalized Production Model Estimates of Global Primary Production website but now available from <http://www.science.oregonstate.edu/ocean.productivity/>