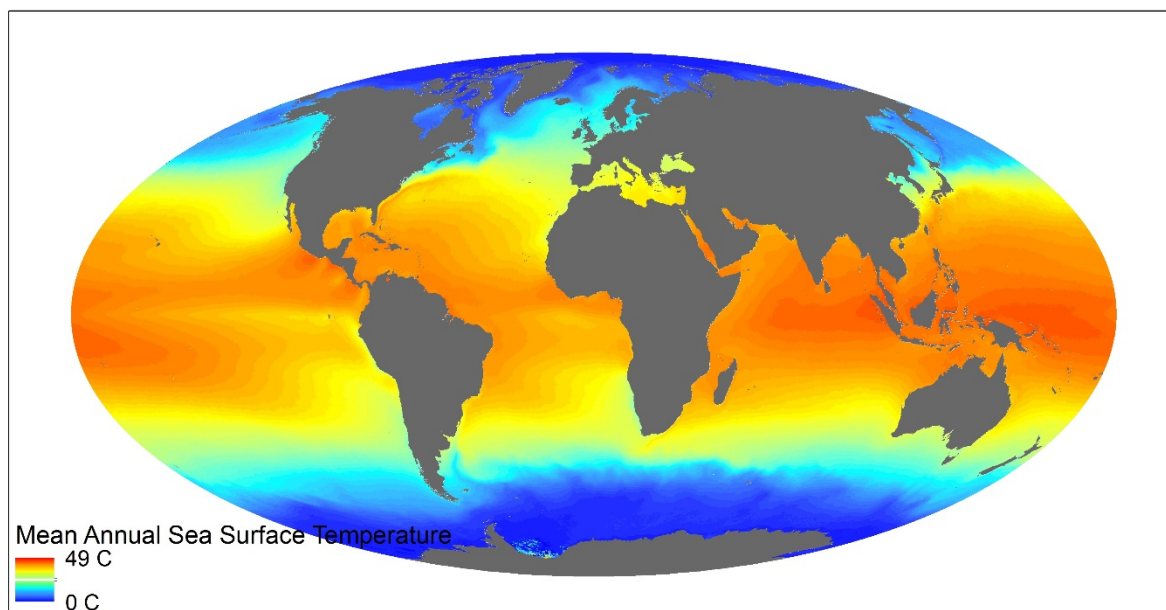


Mean Annual Sea Surface Temperature 2003-2007 (2008)



Description:

This dataset shows the mean annual global sea surface temperature, averaged for the period from 2003 to 2007. It was created using remotely-sensed images from NASA's (National Aeronautics and Space Administration) Ocean Color database (<http://oceancolor.gsfc.nasa.gov>).

Citation:

Kershaw F (2008). Mean annual sea surface temperature, for the period 2003-2007. Using data from NASA's Ocean Color database. In: Integrating highly migratory species into high seas marine protected area planning: a global gap analysis (Oxford University, Centre for the Environment), 113 pp. Cambridge (UK): UN Environment Programme World Conservation Monitoring Centre. Data DOI: <https://doi.org/10.34892/6r3c-ay71>

Data collection date:

2003-2007

Geographic range:

Global

Supplementary information:

Sea surface temperature is given in degrees (Celcius). Additional information on the origins and calculations of the data, including monthly sea surface temperature data, can be accessed at Ocean Color Web (<http://oceancolor.gsfc.nasa.gov>).

Purpose of creation:

This dataset was created as part of a MSc thesis by Kershaw et al. (2008).

Creation methodology:

Annual sea surface temperature was calculated from remotely-sensed images (MODIS sensor). See Kershaw et al. (2008) for full details.

Version:	Not reported		
Data lineage:	-		
Category:	Environment descriptor		
Keywords:	marine, coastal, high seas, SST, remote sensing, environment descriptor		
Similar datasets:	WCMC-035		
Limitations:	This dataset is subject to algorithm uncertainties and assumptions. It is only representative of the period 2003 to 2007, and not of current sea surface temperature estimates.		
Maintenance frequency:	Data are not being updated.		
Main access/use constraint:	UNEP-WCMC General Data License (excluding WDPA). See https://www.unep-wcmc.org/policies/general-data-license-excluding-wdpa#data_policy for details.		
Organisation type:	Custodian		
Contact Organisation:	UN Environment Programme World Conservation Monitoring Centre		
City:	Cambridge, UK		
E-mail:	oceanplus@unep-wcmc.org		
Data format(s):	Raster; Raster (ESRI Grid);	Dataset size (uncompressed):	59.2 MB
Webpage and/or download:	https://doi.org/10.34892/6r3c-ay71		
Web map service:	http://www.arcgis.com/home/item.html?id=116f0d036f904c0281bce4b97c726362		
Factsheet:	http://wcmc.io/environment-descriptors		
Resolution, scale:	0.05 dd	Reference system:	WGS 1984
West bounding:	-180	East bounding:	180
South bounding:	-78.6	North bounding:	89.8
Metadata standard:	UNEP-WCMC Specific	Date of metadata:	26/03/2021