

No.	Question	Options	Guidance notes	Response
<b>Description</b>				
<b>1.1 Author</b>				
1.1a	Intellectual Property Right holder		Provide name and address	US National Oceanic and Atmospheric Administration
<b>1.2 Dataset</b>				
1.2a	Title		Provide a long (up to 120 characters) and short version (less than 32 characters) of the title.	Global Historical Climate Network Gridded Products [GHCN Gridded Products]
1.2b	Description		Provide 200-500 word description, highlighting the key distinguishing features of the dataset. This text will be used in the DDC entry.	GHCN (Global Historical Climatology Network)-Daily is an integrated database of daily climate summaries from land surface stations across the globe. Like its monthly counterpart (GHCN-Monthly), GHCN-Daily is comprised of daily climate records from numerous sources that have been integrated and subjected to a common suite of quality assurance reviews. GHCN-Daily now contains records from over 75000 stations in 180 countries and territories. Numerous daily variables are provided, including maximum and minimum temperature, total daily precipitation, snowfall, and snow depth; however, about two thirds of the stations report precipitation only. Both the record length and period of record vary by station and cover intervals ranging from less than year to more than 175 years.
<b>Authority</b>				
<b>2.1 Use by the IPCC</b>				
2.1a	Has the dataset been used in an IPCC Assessment or Special Report, e.g., in a figure or table or discussed in text?	No	List report name(s), table/figure/page number(s)	Not directly cited.
2.1b	Is dataset used in any other IPCC-related documents or materials?	Yes	List document name(s), table/figure/page number(s)	The dataset is used in the creation of CLIMDEX extremes datasets which are used in the IPCC report.
<b>2.2 Documentation</b>				
2.2a	Is the dataset documented in detail in a peer-reviewed journal article or as a peer-reviewed dataset?	Yes	Provide full citation and list Thomson-Reuter impact factor (or other standard influence factors) for journal if available.	Menne, M.J., I. Durre, B. Korzeniewski, S. McNeal, K. Thomas, X. Yin, S. Anthony, R. Ray, R.S. Vose, B.E. Gleason, and T.G. Houston, 2012: Global Historical Climatology Network - Daily (GHCN-Daily), Version 3. [indicate subset used following decimal, e.g. Version 3.12]. NOAA National Climatic Data Center. <a href="http://doi.org/10.7289/V5D21VHZ">http://doi.org/10.7289/V5D21VHZ</a> [access date].
2.2b	Is the dataset documented in detail in a peer-reviewed book chapter, report or technical document?	Not Known	Provide full citation. List type of peer review if known; list type of book, report, or document, e.g., if part of a series; provide evidence of credibility of authors or publisher (e.g., UN organization)	
2.2c	Is the dataset documented in detail in a non-peer reviewed document, web site, or other resource?	Yes	Provide citation or links. Describe quality control or other review processes used (e.g., crowd sourcing); provide evidence of credibility of authors or publisher (e.g., UN organization)	<a href="http://www.ncdc.noaa.gov/oa/climate/ghcn-daily/">http://www.ncdc.noaa.gov/oa/climate/ghcn-daily/</a>
2.2d	Has there been significant discussion of the dataset in the scientific literature?	Not Known	Provide citations to criticisms and responses where relevant.	

2.2e	Are the uncertainties associated with the data documented.	Yes	Provide link(s) or reference(s) and indicate what sort of uncertainty information is provided?	Qualitative uncertainty information is provided in documentation. Not specific to stations or times.
<b>2.3 Lineage</b>				
2.3a	Is the dataset produced by or under the direction of a national or international body or group?	Yes	List scientific body or group	NOAA, NESDIS
<b>Significance Relative to the IPCC Community</b>				
<b>3.1 Interest in the data</b>				
3.1a	Has an IPCC Working Group or the TFI used or expressed an intention of using this data?	No	Indicate which group(s) and/or other body. Provide reference and quote relative passage.	
3.1b	Have DDC users expressed interest in these data?	Not Known	Indicate numbers and/or types of users. Provide user metrics or examples of queries.	
3.1c	Are there strong reasons for considering the data relevant to the DDC user community?	Yes	Give reasons, backed by references. References from gray literature should have accompanying justification, as for IPCC reports.	Used to generate statistics of extremes which are prominent in the AR5 report.
<b>3.2 Uniqueness</b>				
3.2	Are other datasets available with the same or overlapping variables?	Not Known	Indicate other datasets and degree of overlap; provide links.	
<b>Stability of Data and Data Provider</b>				
<b>4.1 Curation</b>				
4.1a	Does the provider have a published data policy?	Yes	Provide link or citation	<a href="http://www.ndc.noaa.gov/oa/about/open-access-climate-data-policy.pdf">http://www.ndc.noaa.gov/oa/about/open-access-climate-data-policy.pdf</a>
4.1b	Does the provider have a succession plan for this dataset?	Not Known	List organization(s) with long-term responsibility for the dataset (e.g., government agency, library, archive); provide a link to the plan or other documentation of the agreement	
4.1c	Is there an explicit funding model for the dataset or data provider?	Not Known	Indicate type (e.g., subscription-based, government-supported, submitter fees) and give link.	
<b>Quality Control</b>				
<b>5.1 Meta-data and quality control</b>				
5.1a	Does detailed meta-data exist for this data, in accordance with relevant national or international meta-data standards	No	Indicate relevant standards (e.g. NASA's Directory Interchange Format) and provide a link to the metadata.	Documentation is detailed and clear, but used ad hoc standards.
5.1b	Is there a stated quality assurance process or procedure for the dataset?	Yes	Indicate if relevant quality assurance standards are met (e.g., ISO9000) and give links.	
5.1c	Is there a regular validation or calibration process or procedure for the data?	Not Known	Indicate frequency and/or most recent date and give links	
5.1d	Is technical/usage guidance available?	yes	Give links	
<b>5.2 Data updates and version control</b>				

5.2a	Is the data subject to updates?	Yes	List frequency	Most week-days
5.2b	Is there a clear version control process and tracking of data provenance?	Yes	Describe version control and data provenance procedures	See <a href="http://www1.ncdc.noaa.gov/pub/data/ghcn/daily/ghcnd-version.txt">http://www1.ncdc.noaa.gov/pub/data/ghcn/daily/ghcnd-version.txt</a>
5.2c	Are previous versions of the dataset accessible?	yes	List previous versions	
<b>Accessibility</b>				
<b>6.1 Access requirements</b>				
6.1a	Are the data available on-line for download?	All	Give links	<a href="http://www.ncdc.noaa.gov/oa/climate/ghcn-daily/">http://www.ncdc.noaa.gov/oa/climate/ghcn-daily/</a>
6.1b	Are data made available in one or more standard (preferably open) formats?	No	List the formats available (at least one standard format is required);	ASCII
6.1c	Are there restrictions (beyond user registration and acceptance of terms of use) on data use, re-dissemination, or reuse?	No	If applicable, specify the type of restrictions and give relevant links	
6.1d	Is the data available for free or for a charge?	Free	If applicable, give link to price structure	
<b>6.2 Additional information</b>				
6.2a	Is user registration required or requested?	Neither	Give relevant links;	
6.2b	Is attribution required or requested?	Yes	Give relevant links;	Menne, M.J., I. Durre, B. Korzeniewski, S. McNeal, K. Thomas, X. Yin, S. Anthony, R. Ray, R.S. Vose, B.E. Gleason, and T.G. Houston, 2012: Global Historical Climatology Network - Daily (GHCN-Daily), Version 3. [indicate subset used following decimal, e.g. Version 3.12]. NOAA National Climatic Data Center. <a href="http://doi.org/10.7289/V5D21VHZ">http://doi.org/10.7289/V5D21VHZ</a> [access date].
6.2c	Are versions of the data available through open interfaces (e.g., OGC Web Services, REST, SOAP)?	No	List interfaces and give links for specifications	
6.2d	Are levels of service (e.g., bandwidth, up time) adequate?	Yes	Give links, e.g., to up time metrics	
6.2e	Is user support available (e.g., help desk, frequently asked questions)?	Yes	List user support services and links	<a href="http://www.ncdc.noaa.gov/oa/climate/ghcn-daily/index.php?name=contacts">http://www.ncdc.noaa.gov/oa/climate/ghcn-daily/index.php?name=contacts</a>
6.2f	Is documentation available in English?	Yes	Give links	
6.2g	Is documentation available in other languages	No	List languages (with links)	
6.2h	What is the spatial domain of the dataset		Specify bounding latitudes and longitudes	