A Big Earth Data Platform for Three Poles

**Monthly temperature grid data set of Qinghai Tibet Plateau (2000-2015)**

1、Description

The Qinghai Tibet Plateau belongs to the plateau mountain climate. The temperature and its seasonal variation have been one of the hot spots in the global climate change research.
The data includes the temperature data of Qinghai Tibet Plateau, with spatial resolution of 1km \* 1km, temporal resolution of month and year, and time coverage of 2000, 2005, 2010 and 2015. The data are obtained by Kring interpolation on the data of national weather station in Qinghai Tibet Plateau.
The data can be used to analyze the temporal and spatial distribution of air temperature in the Qinghai Tibet Plateau. In addition, the data can also be used to analyze the law of temperature change with time in the Qinghai Tibet Plateau, which is of great significance to the study of the ecological environment of the Qinghai Tibet Plateau.

2、Keywords

Theme：Temperature,Galactic System
Discipline：Atmosphere,Solar-Terrestrial Physics and Astronomy
Places：Tibetan Plateau
Time：2015, 2000, 2005, 2010

3、Data details

1.Scale：None

2.Projection：

3.Filesize：675.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：40.02 | - |
| west：73.44 | - | east：104.38 |
| - | south：25.99 | - |

5、Time frame:None--None

6、Reference method

References to data:

FANG Huajun. Monthly temperature grid data set of Qinghai Tibet Plateau (2000-2015). A Big Earth Data Platform for Three Poles, 2019

References to articles:

7、Supporting project information

Pan-Third Pole Environment Study for a Green Silk Road-A CAS Strategic Priority A Program

8、Data resource provider

name: FANG Huajun
unit: Institute of Geographical Sciences and Natural Resource Research, CAS
email: fanghj@igsnrr.ac.cn