A Big Earth Data Platform for Three Poles

**Data set of annual rainfall and climate factors in Tibet (1990-2015)**

1、Description

This data set is the data set of climatic factors in the Qinghai Tibet Plateau from 1990 to 2015, which records the spatial distribution change of annual rainfall every five years in the past 25 years. The data is in TIF grid format, with spatial resolution of 1km and annual rainfall unit of 0.1mm. The data comes from the daily observation data of meteorological stations on the Qinghai Tibet Plateau, which is generated by time aggregation calculation and spatial interpolation processing. As an important climate factor, the data set can be used to study the interannual rainfall change and climate change on the Qinghai Tibet Plateau. As the climate background of the ecological environment change on the Qinghai Tibet Plateau, it can provide data support for the study of the interactive stress between urbanization and ecological environment Bracing.

2、Keywords

Theme：Precipitation
Discipline：Atmosphere
Places：Tibet, Qinghai-Tibet Plateau
Time：1990-2015

3、Data details

1.Scale：None

2.Projection：

3.Filesize：60.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：39.83 | - |
| west：73.5 | - | east：104.67 |
| - | south：26.99 | - |

5、Time frame:None--None

6、Reference method

References to data:

DU Yunyan, YI Jiawei. Data set of annual rainfall and climate factors in Tibet (1990-2015). 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: DU Yunyan
unit: igsnrr
email: duyy@lreis.ac.cn

name: YI Jiawei
unit:
email: yijw@lreis.ac.cn