A Big Earth Data Platform for Three Poles

**Satellite remote sensing precipitation reanalysis dataset over the Qinghai-Tibet Plateau (1998-2018)**

1、Description

This data is precipitation data, which is the monthly precipitation product of tropical rainfall measurement mission TRMM 3b43. It integrates the main area of the Qinghai Tibet Plateau (25 ~ 40 ° n; 25 ~ 40 ° n); The precipitation data of 332 meteorological stations are from the National Meteorological Information Center of China Meteorological Administration. The reanalysis data set is obtained by the station 3 ° interpolation optimization variational correction method. For the monthly sample data from January 1998 to December 2018, the spatial coverage is 25 ~ 40 ° n; 73 ~ 105 ° e, the spatial resolution is 1 ° \* 1 °.

2、Keywords

Theme：Precipitation
Discipline：Atmosphere
Places：Qinghai-Tibet Plateau
Time：1998.1—2018.12

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.568MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：40.0 | - |
| west：73.0 | - | east：105.0 |
| - | south：25.0 | - |

5、Time frame:1997-12-31 16:00:00+00:00--2018-12-30 16:00:00+00:00

6、Reference method

References to data:

XU Xiangde, SUN Chan. Satellite remote sensing precipitation reanalysis dataset over the Qinghai-Tibet Plateau (1998-2018). A Big Earth Data Platform for Three Poles, doi:10.11888/Meteoro.tpdc.2716302021

References to articles:

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

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