A Big Earth Data Platform for Three Poles

**Precipitation data set of Aral Sea Basin (2015-2018)**

1、Description

Data content: precipitation data of the Aral Sea basin from 2015 to 2018.
Data sources and processing methods: from the new generation of global precipitation measurement (GPM) of NASA, the daily rainfall can be obtained by adding the three-hour rainfall data, and then the eight day rainfall can be obtained.
Data quality: the spatial resolution is 0.1 ° x 0.1 ° and the temporal resolution is 8 days. The value of each pixel is the sum of rainfall in 8 days.
Data application results: under the background of climate change, it can be used to analyze the correlation between meteorological elements and vegetation characteristics.

2、Keywords

Theme：Precipitation,Radar Weather
Discipline：Atmosphere
Places：Aral Sea Basin
Time：2015-2018

3、Data details

1.Scale：None

2.Projection：

3.Filesize：3.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：47.12 | - |
| west：53.37 | - | east：78.21 |
| - | south：33.48 | - |

5、Time frame:2014-12-31 16:00:00+00:00--2018-12-30 16:00:00+00:00

6、Reference method

References to data:

LIU Tie. Precipitation data set of Aral Sea Basin (2015-2018). A Big Earth Data Platform for Three Poles, 2021

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

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