A Big Earth Data Platform for Three Poles

**The 100m×100m fine distribution of the climate mean monthly precipitation in the upper and middle reaches of the Heihe River Basin (1967-2008)**

1、Description

Based on DEM data of high precision, the relationship between average annual precipitation of climate and geographical topographical factors in the middle and upper reaches of heihe river basin was statistically analyzed, and the average annual precipitation of climate in the middle and upper reaches of heihe river basin from 1967 to 2008 with a spatial resolution of 100m was obtained.
The coordinate system is equal latitude and longitude projection, and the spatial scope is heihe river basin.The data is given in TXT text form, and the longitude, latitude and precipitation corresponding to the spatial grid point are given respectively.The unit of longitude and latitude is °, and the unit of precipitation is mm.The data type is a single-precision floating-point type with an invalid value of -9.

2、Keywords

Theme：Precipitation,Precipitation amount
Discipline：Atmosphere
Places：Heihe River Basin
Time：1967-2008

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：207.0MB

4.Data format：txt

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：42.0 | - |
| west：97.0 | - | east：102.0 |
| - | south：37.0 | - |

5、Time frame:2018-11-21 10:51:06+00:00--2018-11-21 10:51:06+00:00

6、Reference method

References to data:

The 100m×100m fine distribution of the climate mean monthly precipitation in the upper and middle reaches of the Heihe River Basin (1967-2008). A Big Earth Data Platform for Three Poles, doi:10.3972/heihe.032.2014.db2014

References to articles:

7、Supporting project information

8、Data resource provider