A Big Earth Data Platform for Three Poles

**Gridded precipitable water vapor over the Tibetan Plateau (1979-2017)**

1、Description

1) Data content : total column water / precipitable water;  
2) Data sources and processing methods: ECMWF-interm monthly mean analysis;  
3) Data quality description: time resolution: monthly, spatial resolution: 0.7°\*0.7°;  
4) Data application results and prospects: this data can be used for analysis of water resources in the air.

2、Keywords

Theme：Altitude,Humidity/Dryness,Atmospheric Water Vapor  
Discipline：Atmosphere  
Places：Tibetan Plateau  
Time：1979-2017

3、Data details

1.Scale：None

2.Projection：

3.Filesize：4.27MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：40.0 | - |
| west：70.0 | - | east：110.0 |
| - | south：25.0 | - |

5、Time frame:1979-01-09 00:00:00+00:00--2017-12-09 00:00:00+00:00

6、Reference method

References to data:

YAN Hongru. Gridded precipitable water vapor over the Tibetan Plateau (1979-2017). 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

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