A Big Earth Data Platform for Three Poles

**MODIS daily cloud-free snow cover product over the Tibetan Plateau (2002-2015)**

1、Description

2、Keywords

Theme：Snow depth,Snow,Cryosphere remote sensing products,Surface Freeze-thaw Cycle/state Remote Sensing,Snow facies  
Discipline：Cryosphere  
Places：Tibetan Plateau   
Time：

3、Data details

1.Scale：250000

2.Projection：

3.Filesize：7065.6MB

4.Data format：Geotiff

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：45.0 | - |
| west：67.0 | - | east：107.0 |
| - | south：25.0 | - |

5、Time frame:2002-07-19 16:00:00+00:00--2015-04-27 16:00:00+00:00

6、Reference method

References to data:

QIU Yubao. MODIS daily cloud-free snow cover product over the Tibetan Plateau (2002-2015). A Big Earth Data Platform for Three Poles, doi:10.11888/Hydrol.tpe.00000026.file2018

References to articles:

邱玉宝, 张欢, 除多, 张雪成, 于小淇, & 郑照军. (2017). 基于modis的青藏高原逐日无云积雪产品算法. 冰川冻土(03), 65-76.

7、Supporting project information

CASEarth:Big Earth Data for Three Poles（grant No. XDA19070000）

8、Data resource provider

name: QIU Yubao  
unit: Institute of Remote Sensing and Digital Earth, Chinses Academy of Sciences  
email: qiuyb@aircas.ac.cn