A Big Earth Data Platform for Three Poles

**Aerosol optical depth from QOMS (2020)**

1、Description

The data of aerosol optical depth were daily collected at Qomolangma Station for Atmospheric and Environmental Observation and Research with An automatic sun/sky scanning radiometer (Cimel 318), over the period from Jan. to Dec. The data were measured at 2020. 340, 380, 440, 500, 675, 870 and 1020 nm channel with uncertainty of 0.01 - 0.02.

2、Keywords

Theme：Aerosol,Aerosol optical depth/Thickness  
Discipline：Atmosphere  
Places：the northern slope of the Qomolangma (Everest) region  
Time：2020

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.02MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：28.365 | - |
| west：86.948056 | - | east：86.948056 |
| - | south：28.365 | - |

5、Time frame:2020-01-04 16:00:00+00:00--2020-12-30 16:00:00+00:00

6、Reference method

References to data:

CONG Zhiyuan. Aerosol optical depth from QOMS (2020). A Big Earth Data Platform for Three Poles, doi:10.11888/Meteoro.tpdc.2712332021

References to articles:

7、Supporting project information

Pan-Third Pole Environment Study for a Green Silk Road-A CAS Strategic Priority A Program  
Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

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