A Big Earth Data Platform for Three Poles

**Black carbon observation data of Ali, Tibet (2019-2020)**

1、Description

The data set is the observation data of Shiquanhe town in Ali area. The longitude, latitude and altitude of the station in Ali area are 32.50 and 80.10 respectively; 4360m。 Continuously observe the mass concentration of black carbon in the atmosphere. The measuring instrument is ae31 (aethalometer), and its observation period is from 12:00:00 on July 13, 2019 to 21:35:00 on July 17, 2020. The time resolution is 5 minutes. There is data loss due to instrument failure. The data file includes instrument information, flow parameter setting (LPM) and specific observed concentration. Supported project: the second comprehensive scientific investigation and Research on the Qinghai Tibet Plateau 2019QZKK0602.

2、Keywords

Theme：Aerosol  
Discipline：Atmosphere  
Places：Ali, Tibet  
Time：2019, 2020

3、Data details

1.Scale：None

2.Projection：

3.Filesize：5.4MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：33.0 | - |
| west：79.0 | - | east：81.0 |
| - | south：30.0 | - |

5、Time frame:None--None

6、Reference method

References to data:

WANG Qiyuan, HU Tafeng, WU Feng, ZHANG Ningning, DAI Wenting, ZHU Chongshu. Black carbon observation data of Ali, Tibet (2019-2020). A Big Earth Data Platform for Three Poles, doi:10.11888/Meteoro.tpdc.2709942020

References to articles:

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

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