A Big Earth Data Platform for Three Poles

**Off line sampling data set of medium flow aerosol at Shiquanhe station in Ali area (2019)**

1、Description

The data set contains the off-line sampling data of medium flow aerosols from Shiquanhe national climate station (32 ° 30'n, 80 ° 05'e, altitude 4278.6 m) in Ali Region. The measuring instrument is Laoying 2030 medium flow sampler. The quartz filter membrane samples of PM2.5, PM10 and TSP with a diameter of 90 mm are collected. The samples will be used for chemical components such as elemental carbon, organic carbon, water-soluble ions and metal elements analysis. The sampling period is from July 7, 2019 to August 2, 2019, starting at 09:00 every day, with a total of 81 samples for 23 hours each time. The data is stored in Excel file.

2、Keywords

Theme：Aerosol,Aerosol particle properties
Discipline：Atmosphere
Places：the Qinghai-Tibet Pleatu
Time：2019

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.02MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：33.17 | - |
| west：79.07 | - | east：81.1 |
| - | south：30.58 | - |

5、Time frame:2019-08-14 00:00:00+00:00--2019-09-09 00:00:00+00:00

6、Reference method

References to data:

SHI Jinsen, ZHANG Lei, HUANG Jianping, TIAN Pengfei. Off line sampling data set of medium flow aerosol at Shiquanhe station in Ali area (2019). A Big Earth Data Platform for Three Poles, doi:10.11888/Meteoro.tpdc.2709432020

References to articles:

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

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