A Big Earth Data Platform for Three Poles

**Data set of dust fall soluble minerals and water soluble ions in Qaidam Basin (January - August 2020)**

1、Description

The data collection time is from January to August 2020. Eight sampling points were set up from west to east along the main wind direction in the southern Qaidam Basin. The farthest distance between the two points is about 400 km. They are xiaozaohuo meteorological station (XZH), Hexi Balian (HXB), Xinhua Village (xhc), Golmud Meteorological Bureau (GEM), Baoku Village (BKC), Nuomuhong meteorological station (NMH), Balong township (BLX) Dulan county meteorological station (Dlx). The salt minerals and chemical composition of the collected dustfall were tested, and the content data of soluble minerals and water-soluble ions were obtained.

2、Keywords

Theme：Atmospheric Trace Gase
Discipline：Atmosphere,Terrestrial Surface
Places：Qaidam Basin
Time：2020

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.02MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：36.95 | - |
| west：94.18 | - | east：97.41 |
| - | south：36.48 | - |

5、Time frame:2019-12-31 16:00:00+00:00--2020-08-31 03:59:59+00:00

6、Reference method

References to data:

ZHANG Xiying. Data set of dust fall soluble minerals and water soluble ions in Qaidam Basin (January - August 2020). A Big Earth Data Platform for Three Poles, doi:10.11888/Atmos.tpdc.2729522021

References to articles:

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

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