A Big Earth Data Platform for Three Poles

**Oxygen isotope sequence of ice core reconstruction in Xixiabangma, Southern Tibetan Plateau (1010-2005)**

1、Description

This data set contains oxygen isotope data from 1010 to 2005. It is used to study environmental changes in the Xixiabangma area of the Tibetan Plateau.
The ice core oxygen isotope is measured by instrument. This data set is obtained from laboratory measurements. The data are obtained immediately after the completion of the instrument or experiment. The samples and data are collected in strict accordance with relevant operating procedures at all stages and comply with the laboratory operating standards.
This data contains two fields:
Field 1: The time AD.
Field 2: The oxygen isotope ‰.

2、Keywords

Theme：Isotopes,Ice core,Precipitation,Temperature,Ice-core,Glacier(Ice Sheet)
Discipline：Atmosphere,Palaeoenvironment,Cryosphere
Places：Tibetan Plateau , Xixiabangma
Time：

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.32MB

4.Data format：EXCEL

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：28.3 | - |
| west：85.7 | - | east：85.7 |
| - | south：28.3 | - |

5、Time frame:1010-07-15 15:15:23+00:00--2006-07-12 08:00:00+00:00

6、Reference method

References to data:

TIAN Lide. Oxygen isotope sequence of ice core reconstruction in Xixiabangma, Southern Tibetan Plateau (1010-2005). A Big Earth Data Platform for Three Poles, doi:10.11888/AtmosphericEnvironment.tpe.23.db2019

References to articles:

Tian, L.D., Yao, T.D., White, J.W.C., Yu, W.S., Wang, N.L., (2005). Westerly moisture transport to the middle of Himalayas revealed from the high deuterium excess, Chinese Science Bulletin, 50(10), 1026-1030.

7、Supporting project information

8、Data resource provider

name: TIAN Lide
unit: Institute of Tibetan Plateau Research,Chinese Academy of Sciences
email: ldt@itpcas.ac.cn