A Big Earth Data Platform for Three Poles

**Southeast Tibet station of Chinese Academy of Sciences: monthly mean temperature data of Ranwu Lake (2014-2020)**

1、Description

This data is mainly the temperature data of the meteorological station set up by the Southeast Tibet station of the Chinese Academy of Sciences in April 2014, located in a ri village, Ranwu Town, Basu County, Changdu City, by the lake in Ranwu, with a geographical location of 96.7699e, 29.4364n and 3920m
The model of the instrument probe is hmp155a, the probe is 2m away from the surface, and the underlying surface is alpine meadow. Some original data are missing. It is obtained by correction and interpolation through the flux station also located in the area, the nearby sidaoban meteorological station and the Ranwu station of the Meteorological Bureau.
This data is a rare shared data in the region, which can be used as the background basic data of regional climate, rivers, lakes, glaciers, ecology, etc.
When using data, the article should reflect the Southeast Tibet station of Chinese Academy of Sciences, and higher precision data can be contacted with the data author.

2、Keywords

Theme：Temperature,Lake ice
Discipline：Atmosphere,Cryosphere
Places：Ranwu Lake, Southeast Tibet
Time：2014-2020

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.013MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：29.4364 | - |
| west：96.7699 | - | east：96.7699 |
| - | south：29.4364 | - |

5、Time frame:2014-04-30 16:00:00+00:00--2020-12-30 16:00:00+00:00

6、Reference method

References to data:

Luo Lun. Southeast Tibet station of Chinese Academy of Sciences: monthly mean temperature data of Ranwu Lake (2014-2020). A Big Earth Data Platform for Three Poles, doi:10.11888/Atmos.tpdc.2718852021

References to articles:

7、Supporting project information

Pan-Third Pole Environment Study for a Green Silk Road-A CAS Strategic Priority A Program

8、Data resource provider

name: Luo Lun
unit: Institute of Tibetan Plateau Research, CAS
email: luolun@itpcas.ac.cn