A Big Earth Data Platform for Three Poles

**Central Asia Great Lakes database - groundwater - water temperature (2021)**

1、Description

Data content: groundwater temperature data of Nukus irrigation area from January 2021 to December 2021, unit: 0.1 ℃.  
Data source and processing method: this data is collected from the automatic groundwater monitoring station in Nukus irrigation area.  
Data quality description: this data is site data with a time resolution of 3 hours.  
Results and prospects of data application: combined with other meteorological and hydrological parameters, hydrogeological conditions, especially the recharge, runoff and discharge conditions of groundwater, can be further identified and studied to master the dynamic law of groundwater, so as to provide a scientific basis for the evaluation of groundwater resources, scientific management and the research and Prevention of environmental geological problems.

2、Keywords

Theme：Groundwater temperature,Ground Water  
Discipline：Terrestrial Surface  
Places：NUKUS  
Time：2021

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.22MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：43.3 | - |
| west：58.33 | - | east：60.19 |
| - | south：42.21 | - |

5、Time frame:2020-12-31 16:00:00+00:00--2021-12-15 16:00:00+00:00

6、Reference method

References to data:

LIU Tie. Central Asia Great Lakes database - groundwater - water temperature (2021). A Big Earth Data Platform for Three Poles, doi:10.11888/Terre.tpdc.2725992022

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

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