A Big Earth Data Platform for Three Poles

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

1、Description

Data content: groundwater salinity data of Nukus irrigation area from January 2021 to December 2021, that is, the mass of soluble salts in unit volume of groundwater, unit: mg/l.
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: it can further identify and study hydrogeological conditions, especially the recharge, runoff and discharge conditions of groundwater, master the dynamic law of groundwater, and provide scientific basis for groundwater resource evaluation, scientific management and research and prevention of environmental geological problems.

2、Keywords

Theme：seepage pressure monitoring data,Ground Water
Discipline：Terrestrial Surface
Places：NUKUS
Time：2021

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.24MB

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 pressure (2021). A Big Earth Data Platform for Three Poles, doi:10.11888/Terre.tpdc.2726102022

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: LIU Tie
unit:
email: liutie@ms.xjb.ac.cn