Upper Yangtze River Scientific Data Center

**2017 Regional Rocky Desertification Groundwater Hydrochemical Evolution Database**

1、Description

This data set contains the groundwater hydrochemical evolution data of the rocky desertification control area in Ganxi Town, Youyang County, Chongqing in 2017, including the conductivity, dissolved oxygen, pH, water temperature, water level and precipitation data of the surface karst spring, the old spring and the Longdong Pond at the outlet of the underground river. The time interval for data recording is 15 minutes. Among them, the data recording time of Laoquan is earlier than that of Longdongtang Underground River (May 2017 December 2017), so there was no observation data of Longdongtang Underground River in 2017, the field online instruments operated stably, and the recorded data maintained good continuity. This data provides first-hand information for understanding and studying the temporal and spatial variation characteristics of groundwater and water resources protection in rocky desertification areas.

2、Keywords

Theme：Groundwater,Earth SurFace Processes,Ground Water,Geomorphology,Landform,Water Quality/Water Chemistry  
Discipline：Terrestrial Surface  
Places：Laoquan:29°0'36 "N, 108°57′39″E;Longdongtang:29°1′20 "N, 108°57′25″E  
Time：15 minutes per record interval

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：11.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：36.5 | - |
| west：89.0 | - | east：112.0 |
| - | south：24.0 | - |

5、Time frame:2017-12-29 16:00:00+00:00--2017-12-30 16:00:00+00:00

6、Reference method

References to data:

YANG Yan . 2017 Regional Rocky Desertification Groundwater Hydrochemical Evolution Database. Upper Yangtze River Scientific Data Center, 2022

References to articles:

7、Supporting project information

8、Data resource provider

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