A Big Earth Data Platform for Three Poles

**Monitoring data of river section flow and soil and groundwater temperature in hulugou small watershed (July September 2014-2015)**

1、Description

The data includes the discharge data of the outlet river of No.2 catchment area of hulugou small watershed from July 24 to September 11, 2014 / 2015.  
Sampling location: the coordinates of river flow monitoring section are located at the outlet of No. 2 catchment area, near the red wall, with coordinates of 99 ° 52 ′ 58.40 ″ E and 38 ° 14 ′ 36.85 ″ n.  
The soil temperature monitoring depth in hulugou is 20cm, 50cm, 100cm, 200cm and 300cm. The monitoring depth of groundwater temperature is 10m. The observation frequency is 1 time / 1 hour. The time range of observation data is from May 13, 2015 to September 5, 2015.  
Sampling location: the soil temperature monitoring point in hulugou small watershed is located in the middle of the Delta, with the geographic coordinates of 99 ° 52 ′ 45.38 ″ E and 38 ° 15 ′ 21.27 ″ n.

2、Keywords

Theme：Surface Water,Hydrology section,Discharge/Flow  
Discipline：Terrestrial Surface  
Places：Upper Reaches of Heihe Basin, Hulugou, Institute of cold and drought, Chinese academy of sciences  
Time：2014

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：0.01MB

4.Data format：EXCEL

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.26 | - |
| west：99.88 | - | east：99.89 |
| - | south：38.24 | - |

5、Time frame:2013-07-30 17:00:00+00:00--2014-09-17 23:00:00+00:00

6、Reference method

References to data:

MA Rui . Monitoring data of river section flow and soil and groundwater temperature in hulugou small watershed (July September 2014-2015). A Big Earth Data Platform for Three Poles, doi:10.3972/heihe.012.2015.db2015

References to articles:

7、Supporting project information

Exploring snowmelt runoff processes using isotopic and hydrochemical data in Heihe River headwater catchments

8、Data resource provider

name: MA Rui   
unit: China University of Geosciences (Wuhan)  
email: rma@cug.edu.cn