A Big Earth Data Platform for Three Poles

**River temperature and near-surface temperature observations of Hulugou watershed from Jul to Sep, 2012**

1、Description

The observation frequency is 1 time / 30 minutes with hobo automatic temperature recorder.
No. 01: the observation point is located at the exit of zone III divided by Cold and Arid Regions Environmental and Engineering Research Institute, Chinese Academy of Sciences, and the boundary point between the cold desert zone and the cold meadow zone. The coordinates of the observation point (99 ° 53 ′ 37 ″ e, 38 ° 13 ′ 34 ″ n) are 100cm from the surface of the air temperature recorder. The observation period is from July 28 to September 2, 2012.
No. 02: the observation point is located at the exit of No. 2 area divided by Cold and Arid Regions Environmental and Engineering Research Institute, Chinese Academy of Sciences, where the terrain is gentle, at the outlet of the alluvial delta valley where there is no other tributary flowing in. The observation point coordinates (99 ° 52 ′ 58 ″ e, 38 ° 14 ′ 36 ″ n) the temperature recorder in the air is 120cm from the ground surface. The observation period is from July 4, 2012 to September 6, 2012

2、Keywords

Theme：Surface Water,Water temperature,Water Quality/Water Chemistry
Discipline：Terrestrial Surface
Places：Upper Reaches of Heihe Basin, Hulugou
Time：2012

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：10.0MB

4.Data format：EXCEL

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.24333 | - |
| west：99.88278 | - | east：99.89361 |
| - | south：38.22611 | - |

5、Time frame:2012-08-07 15:12:00+00:00--2012-09-12 15:12:00+00:00

6、Reference method

References to data:

SUN Ziyong. River temperature and near-surface temperature observations of Hulugou watershed from Jul to Sep, 2012. A Big Earth Data Platform for Three Poles, doi:10.3972/heihe.106.2013.db2013

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: SUN Ziyong
unit: China University of Geosciences
email: ziyong.sun@gmail.com