A Big Earth Data Platform for Three Poles

**Micro meteorological data of drainage ditch in Heihe River Basin (2011-2012)**

1、Description

The micro-meteorological field is located in the grassland of Pailugou watershed of Qilian Mountain with an altitude of 2700m. The data were recorded from January 2011 to July 2012, and the time interval was half an hour, including 1.5m humidity, 3m temperature, 2.8m air pressure, 1.3m rainfall, 2.2m wind speed, 3.1m total radiation, the units are %, °C, Pa, m, m/s, W•M-2.

2、Keywords

Theme：Visibility
Discipline：Atmosphere
Places：Heihe River Basin, Pailugou
Time：2011 to 2012

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：2.05MB

4.Data format：EXCEL

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.556 | - |
| west：100.286 | - | east：100.308 |
| - | south：38.529 | - |

5、Time frame:2011-01-08 17:52:00+00:00--2012-08-07 17:52:00+00:00

6、Reference method

References to data:

HE Zhibin. Micro meteorological data of drainage ditch in Heihe River Basin (2011-2012). A Big Earth Data Platform for Three Poles, doi:10.3972/heihe.230.2013.db2014

References to articles:

7、Supporting project information

The runoff process observation and simulation in typical small watershed of upperstream of Heihe river

8、Data resource provider

name: HE Zhibin
unit: Cold and Arid Regions Environmental and Engineering Research Institute, Chinese Academy of Sciences
email: hzbmail@lzb.ac.cn