A Big Earth Data Platform for Three Poles

**Micro-meteorological data in Pailougou watershed (2013)**

1、Description

The meteorological field is located in 2700m grassland in the Pailougou watershed of Qilian Mountain. The date of data recording is from May 2013 to September 2013, including air humidity at 1.5m, air temperature at 3.0m, atmospheric pressure at 2.8m, precipitation at 1.3m, wind speed at 2.2m and total solar radiation at 3.1m. The units are%, ℃, PA, m, m/s and W·m-2, respectively.

2、Keywords

Theme：Precipitation,Radiation,Temperature,Winds,Precipitation amount,Incoming solar radiation,Humidity/Dryness,Pressure,wind speed
Discipline：Atmosphere
Places：Heihe River Basin, Pailugou
Time：2013

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：0.03MB

4.Data format：EXCEL

4、Space scope

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

5、Time frame:2013-05-13 01:15:00+00:00--2013-10-12 01:15:00+00:00

6、Reference method

References to data:

HE Zhibin. Micro-meteorological data in Pailougou watershed (2013). A Big Earth Data Platform for Three Poles, doi:10.3972/heihe.228.2013.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