A Big Earth Data Platform for Three Poles

**The micro-meterological data at 3200m high altitude in Pailougou watershed**

1、Description

The meteorological field is located at 3200m above sea level in Pailugou watershed of Qilian Mountain, which belongs to the high mountain forest line zone, the ecotone of Picea crassifolia forest and alpine shrub. This data set includes precipitation, air temperature, radiation, wind speed, etc., with units are mm, ℃, W/m^2 and m/s respectively. The date of data recording is from June 2012 to October 2013, in which the temperature data is partially missing due to the instrument.

2、Keywords

Theme：Maximum/Minimum temperature,Precipitation,Radiation,Temperature,Winds,Radiation,Precipitation,wind speed
Discipline：Atmosphere
Places：Heihe River Basin, Pailugou
Time：2012-2013

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：0.035MB

4.Data format：EXCEL

4、Space scope

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

5、Time frame:2012-06-10 13:00:00+00:00--2013-11-09 13:00:00+00:00

6、Reference method

References to data:

HE Zhibin. The micro-meterological data at 3200m high altitude in Pailougou watershed. A Big Earth Data Platform for Three Poles, doi:10.3972/heihe.073.2014.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

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