A Big Earth Data Platform for Three Poles

**Rainfall simulation with controlled rainfall intensity**

1、Description

Three artificial rainfall events were performed on the shady grassland at the altitude of 2700m in the Pailugou watershed of the Qilian Mountains. The times were July 15, 2011, July 16, and July 22, 2011, respectively. Runoff rate, data is recorded every half an hour. Two rainfall simulations were also performed on the sun-slope grassland at the same altitude. As a comparative experiment, the time was July 24 and 25, 2011.

2、Keywords

Theme：Precipitation,Runoff yield,Runoff rate,Rainfall simulation,Hydrology  
Discipline：Atmosphere,Terrestrial Surface  
Places：Heihe River Basin, Pailugou  
Time：2011

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：0.024MB

4.Data format：EXCEL

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.558 | - |
| west：100.286 | - | east：100.308 |
| - | south：38.529 | - |

5、Time frame:2018-11-22 18:47:09+00:00--2018-11-22 18:47:09+00:00

6、Reference method

References to data:

HE Zhibin. Rainfall simulation with controlled rainfall intensity. A Big Earth Data Platform for Three Poles, doi:10.3972/heihe.229.2013.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

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