A Big Earth Data Platform for Three Poles

**The meteorological data in Tianlaochi Catchment in Qilian Mountain (2013)**

1、Description

Location of automatic weather station: longitude and latitude 38.43n, 99.93e, altitude 3100m. The observation time is from May 9, 2013 to September 3, 2013, the parameter scale is hourly scale, and the data is recorded in 10min. The observation parameters include average wind speed (M / s), maximum wind speed (M / s), 40-60cm soil moisture, 0-20 soil moisture, 20-40 soil moisture, air pressure, par, air temperature, relative humidity, solar radiation, total precipitation, 20-40 soil temperature, 0-20 soil temperature, 40-60 soil temperature.

2、Keywords

Theme：土壤水分, 相对湿度, 降水, 土壤温度, 太阳辐射, 平均风速, 气象, 气温, 气压
Discipline：applied climatology
Places：Heihe River Basin, Tianlaochi Catchment, Sidalong Forest Region
Time：2013

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：1.52MB

4.Data format：jpg

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.33 | - |
| west：99.73 | - | east：99.98 |
| - | south：38.5 | - |

5、Time frame:2013-05-17 12:00:00+00:00--2013-09-11 12:00:00+00:00

6、Reference method

References to data:

MA Wenying, ZHAO Chuanyan. The meteorological data in Tianlaochi Catchment in Qilian Mountain (2013). A Big Earth Data Platform for Three Poles, doi:10.3972/heihe.044.2014.db2014

References to articles:

7、Supporting project information

8、Data resource provider

name: MA Wenying
unit: Lanzhou University
email: mawy12@lzu.edu.cn

name: ZHAO Chuanyan
unit: Lanzhou University
email: nanzhr@lzb.ac.cn