A Big Earth Data Platform for Three Poles

**Manual observation of meteorological data in Hulugou sub-basin of Heihe River Basin (2011)**

1、Description

1. Data overview
In 2011, the manual observation data set of standard meteorological field of Qilian station was used to observe various meteorological elements at 8:00, 14:00 and 20:00 every day.
2. Data content
Data content includes dry bulb temperature, wet bulb temperature, maximum temperature, minimum temperature, surface temperature (0cm), shallow surface temperature (5cm, 10cm, 15cm, 20cm), maximum ground temperature and minimum ground temperature.
3. Time and space
Geographic coordinates: longitude: 99.9e; latitude: 38.3n; altitude: 2980m

2、Keywords

Theme：Maximum/Minimum temperature,Temperature,Skin temperature,Near surface temperature
Discipline：Atmosphere
Places：Heihe River Basin, Hulugou Basin
Time：2011

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：0.04MB

4.Data format：EXCEL

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.3 | - |
| west：99.9 | - | east：99.9 |
| - | south：38.3 | - |

5、Time frame:2018-11-25 10:47:26+00:00--2018-11-25 10:47:26+00:00

6、Reference method

References to data:

HAN Chuntan, CHEN Rensheng. Manual observation of meteorological data in Hulugou sub-basin of Heihe River Basin (2011). A Big Earth Data Platform for Three Poles, doi:10.3972/heihe.073.2013.db2015

References to articles:

Chen, R.S., Song, Y.X., Kang, E.S., Han, C.T., Liu, J.F., Yang, Y., Qing, W.W., &Liu, Z.W. (2014). A Cryosphere-Hydrology Observation System in a Small Alpine Watershed in the Qilian Mountains of China and Its Meteorological Gradient. Arctic, Antarctic, and Alpine Research, 46(2), 505-523.

Han, C.T., Chen, R.S., Liu, Z.W., Yang, Y., Liu, J.F., Song, Y.X., Wang, L., Liu, G.H., Guo, S.H.,, & Wang, X.Q. (2018). Cryospheric Hydrometeorology Observation in the Hulu Catchment (CHOICE), Qilian Mountains, China. Vadose Zone Journal, 17(1), 1-18.

7、Supporting project information

8、Data resource provider

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