A Big Earth Data Platform for Three Poles

**WATER: Dataset of meteorological station observations at the Yeniugou cold region hydrological station (2008-2009)**

1、Description

The dataset of meteorological station observations (2008-2009) was obtained at the Yeniugou cold region hydrological station (E99°33'/N38°28', 3320m), Qilian county, Qinghai province.  
 Observation items were multilayer (2m and 10m) of the air temperature and air humidity, the wind speed and direction, the air pressure, precipitation, the global radiation, the net radiation, the multilayer soil temperature (20cm, 40cm, 60cm, 80cm, 120cm and 160cm), soil moisture (20cm, 40cm, 60cm, 80cm, 120cm and 160cm), and soil heat flux.   
 For more details, please refer to the attached Data Directions.

2、Keywords

Theme：Soil,Precipitation,Radiation,Temperature,Surface air temperature,Net radiation,Winds,Soil temperature,Humidity/Dryness,Soil moisture/Water content,Pressure,wind speed,Soil heat flux  
Discipline：Atmosphere,Terrestrial Surface  
Places：Heihe River Basin, the cold region hydrology experimental area in the upper reaches,   
Time：2009, 2008

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：0.0MB

4.Data format：

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.47 | - |
| west：99.55 | - | east：99.55 |
| - | south：38.47 | - |

5、Time frame:2008-01-18 08:00:00+00:00--2010-01-17 08:00:00+00:00

6、Reference method

References to data:

LI Xin. WATER: Dataset of meteorological station observations at the Yeniugou cold region hydrological station (2008-2009). A Big Earth Data Platform for Three Poles, doi:10.3972/water973.0288.db2010

References to articles:

Xu, T., Liu, S., Xu, L., Chen ,Y., Jia, Z., Xu, Z., &Nielson, J. (2015). Temporal Upscaling and Reconstruction of Thermal Remotely Sensed Instantaneous Evapotranspiration. Remote Sensing, 7(3), 3400-3425.

7、Supporting project information

The CAS (Chinese Academy of Sciences) Action Plan for West Development Project  
National Program on Key Basic Research Project (973 Program

8、Data resource provider

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