A Big Earth Data Platform for Three Poles

**WATER: Dataset of ground truth measurement synchronizing with MODIS in the Linze grassland foci experimental area on Jun. 11, 2008**

1、Description

The dataset of ground truth measurement synchronizing with MODIS was obtained in the Linze grassland foci experimental area on Jun. 11, 2008.
 Simultaneous east-west ground measurements on the canopy temperature, the half-height temperature and the surface radiative temperature were carried out by the hand-held infrared thermometer at intervals of 125m in 8 quadrates (2km×2km), No.1 quadrate (H01-H08), No.2 quadrate (H09-H16), No.3 quadrate (H17-H24), No.4 quadrate (H25-H32), No.5 quadrate (H33-H40), No.6 quadrat (H41-H48), No.7 quadrate (H49-H56) and No.8 quadrat (H57-H64).
 Data were archived in Excel file. See WATER: Dataset of setting of the sampling plots and stripes in the foci experimental area of Linze station for more information.

2、Keywords

Theme：Near infrared remote sensing,Surface radiation temperature,Vegetation,Earth SurFace Processes,Canopy temperature,Remote Sensing Technology,Visible remote sensing
Discipline：Terrestrial Surface,Remote Sensing Technology
Places：Heihe River Basin, Arid Region Hydrology in the Middle Reaches,
Time：2008,

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：317.8MB

4.Data format：EXCEL

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：39.268 | - |
| west：100.037 | - | east：100.095 |
| - | south：39.225 | - |

5、Time frame:2008-06-24 00:00:00+00:00--2008-06-24 00:00:00+00:00

6、Reference method

References to data:

RAN Youhua, WANG Xufeng. WATER: Dataset of ground truth measurement synchronizing with MODIS in the Linze grassland foci experimental area on Jun. 11, 2008. A Big Earth Data Platform for Three Poles, doi:10.3972/water973.0066.db2013

References to articles:

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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