A Big Earth Data Platform for Three Poles

**WATER: Dataset of ground truth measurements synchronizing with the airborne imaging spectrometer (OMIS-II) mission in the Linze grassland foci experimental area on Jun. 6, 2008**

1、Description

The dataset of ground truth measurements synchronizing with the airborne imaging spectrometer (OMIS-II) mission was obtained in the Linze grassland foci experimental area on Jun. 6, 2008. The simultaneous ground data were mainly the land surface temperature measured by the hand-held infrared thermometer in the reed plot A, the saline plots B and C, the alfalfa plot D and the barley plot E, the maximum of which were 120m×120m and the minimum were 30m×30m. Data were archived in Excel format. 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：Surface radiation temperature,Earth SurFace Processes,Image spectrometer OMIS-II,Remote Sensing Technology
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：10.7MB

4.Data format：EXCEL

4、Space scope

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

5、Time frame:2008-06-15 08:00:00+00:00--2008-06-15 08:00:00+00:00

6、Reference method

References to data:

WANG Shuguo, YU Fan. WATER: Dataset of ground truth measurements synchronizing with the airborne imaging spectrometer (OMIS-II) mission in the Linze grassland foci experimental area on Jun. 6, 2008. A Big Earth Data Platform for Three Poles, doi:10.3972/water973.0062.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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