A Big Earth Data Platform for Three Poles

**WATER: Dataset of airborne imaging spectrometer (OMIS-II) mission in the Linze station-Linze grassland flight zone on Jun. 15, 2008**

1、Description

The dataset of airborne imaging spectrometer (OMIS-II) mission was obtained in the Linze station-Linze grassland flight zone on Jun. 15, 2008. Data after radiometric correction and calibration and geometric approximate correction were released.  
 The flying time of each route was as follows:  
  
{|   
! id  
! flight  
! file  
! starttime  
! lat  
! long   
! alt  
! image liange  
! endtime  
! lat  
! long  
! lat  
|-  
| 1 || reservoir 1 || 2008-06-15\_11-55-28\_DATA.BSQ || 12:12:48 || 39.013 || 100.236 || -1.0 || 2540 || 12:15:37 || 39.085 || 100.150 || -1.0  
|-  
| 2 || 1-13 || 2008-06-15\_12-15-51\_DATA.BSQ || 12:20:47 || 39.172 || 100.048 || 2867.7 || 5572 || 12:26:58 || 39.359 || 100.190 || 2867.8  
|-   
| 3 || 1-12 || 2008-06-15\_12-27-13\_DATA.BSQ || 12:31:59 || 39.366 || 100.188 || 2846.6 || 5067 || 12:37:37 || 39.185 || 100.051 || 2867.8   
|-   
| 4 || 1-11 || 2008-06-15\_12-37-51\_DATA.BSQ || 12:42:52 || 39.179 || 100.039 || 2878.8 || 5542 || 12:49:02 || 39.363 || 100.179 || 2884.8   
|-   
| 5 || 1-10 || 2008-06-15\_12-49-16\_DATA.BSQ || 12:54:29 || 39.373 || 100.179 || 2909.9 || 5116 || 13:00:10 || 39.187 || 100.039 || 2897.3  
|-   
| 6 || 1-9 || 2008-06-15\_13-00-24\_DATA.BSQ || 13:05:30 || 39.182 || 100.028 || 2864.2 || 5498 || 13:11:37 || 39.366 || 100.167 || 2859.7   
|-   
| 7 || 1-8 || 2008-06-15\_13-11-51\_DATA.BSQ || 13:17:22 || 39.377 || 100.169 || 2846.8 || 5114 || 13:23:02 || 39.191 || 100.029 || 2862.3  
|-   
| 8 || 1-7 || 2008-06-15\_13-23-17\_DATA.BSQ || 13:28:06 || 39.187 || 100.0187 || 2857.1 || 5497 || 13:34:13 || 39.372 || 100.158 || 2842.5  
|-   
| 9 || 1-6 || 2008-06-15\_13-34-27\_DATA.BSQ || 13:39:10 || 39.380 || 100.158 || 2909.7 || 5184 || 13:44:55 || 39.197 || 100.019 || 2861.8   
|-   
| 10 || 1-5 || 2008-06-15\_13-45-10\_DATA.BSQ || 13:50:09 || -1.000 || -1.000 || -1.0 || 5488 || 13:56:09 || -1.000 || -1.000 || -1.0  
|-   
| 11 || 1-4 || 2008-06-15\_13-56-23\_DATA.BSQ || 14:01:20 || -1.000 || -1.000 || -1.0 || 5353 || 14:07:18 || -1.000 || -1.000 || -1.0  
|-   
| 12 || 1-3 || 2008-06-15\_14-07-32\_DATA.BSQ || 14:12:36 || -1.000 || -1.000 || -1.0 || 5350 || 14:18:30 || -1.000 || -1.000 || -1.0  
|-   
| 13 || 1-2 || 2008-06-15\_14-18-46\_DATA.BSQ || 14:22:48 || -1.000 || -1.000 || -1.0 || 5236 || 14:28:31 || -1.000 || -1.000 || -1.0  
|-   
| 14 || 1-1 || 2008-06-15\_14-28-49\_DATA.BSQ || 14:34:02 || -1.000 || -1.000 || -1.0 || 5964 || 14:40:11 || -1.000 || -1.000 || -1.0  
|-   
| 15 || reservoir 2 || 2008-06-15\_14-40-51\_DATA.BSQ || 14:51:05 || -1.000 || -1.000 || -1.0 || 6846 || 14:58:35 || -1.000 || -1.000 || -1.0  
|}

2、Keywords

Theme：Image spectrometer OMIS-II,Remote Sensing Technology  
Discipline：Remote Sensing Technology  
Places：Heihe River Basin, Arid Region Hydrology in the Middle Reaches, Closed observation area of Linze station,   
Time：

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：12119.5MB

4.Data format：

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：39.35 | - |
| west：100.0 | - | east：100.3 |
| - | south：39.05 | - |

5、Time frame:2008-12-27 12:00:00+00:00--2008-12-27 15:31:00+00:00

6、Reference method

References to data:

MA Mingguo. WATER: Dataset of airborne imaging spectrometer (OMIS-II) mission in the Linze station-Linze grassland flight zone on Jun. 15, 2008. A Big Earth Data Platform for Three Poles, doi:10.3972/water973.0226.db2014

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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