A Big Earth Data Platform for Three Poles

**WATER: Dataset of airborne imaging spectrometer (OMIS-II) mission in the Dayekou watershed flight zone on Jun. 4, 2008**

1、Description

The dataset of airborne imaging spectrometer (OMIS-II) mission was obtained in the Dayekou watershed flight zone on Jun. 4, 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 linage
! endtime
! lat
! long
! alt
|-
| 1 || 4-13 || 2008-06-04\_13-19-02\_DATA.BSQ || 13:23:45 || 38.542 || 100.382 || 4624.5 || 3125 || 13:27:13 || 38.493 || 100.230 || 4617.5
|-
| 2 || 4-12 || 2008-06-04\_13-30-55\_DATA.BSQ || 13:31:21 || 38.494 || 100.214 || 4644.9 || 2912 || 13:34:35 || 38.543 || 100.370 || 4626.3
|-
| 3 || 4-11 || 2008-06-04\_13-38-17\_DATA.BSQ || 13:39:14 || 38.551|| 100.381 || 4616.2 || 3051 || 13:42:38 || 38.500 || 100.221 || 4656.5
|-
| 4 || 4-10 || 2008-06-04\_13-46-20\_DATA.BSQ || 13:47:09 || 38.502 || 100.212 || 4640.3 || 2866 || 13:50:20 || 38.550 || 100.365 || 4633.4
|-
| 5 || 4-9 || 2008-06-04\_13-54-02\_DATA.BSQ || 13:55:01 || 38.558 || 100.374 || 4644.3 || 2897 || 13:58:14 || 38.511 || 100.223 || 4628.4
|-
| 6 || 4-8 || 2008-06-04\_14-01-56\_DATA.BSQ || 14:01:51 || 38.511 || 100.209 || 4644.6 || 2751 || 14:04:54 || 38.558 || 100.359 || 4655.7
|-
| 7 || 4-7 || 2008-06-04\_14-08-36\_DATA.BSQ || 14:09:28 || 38.568 || 100.373 || 4630.5 || 2995 || 14:12:48 || 38.519 || 100.218 || 4642.8
|-
| 8 || 4-6 || 2008-06-04\_14-16-30\_DATA.BSQ || 14:16:38 || 38.521 || 100.209 || 4650.1 || 2705 || 14:19:38 || 38.568 || 100.357 || 4652.9
|-
| 9 || 4-5 || 2008-06-04\_14-23-20\_DATA.BSQ || 14:24:25 || 38.576 || 100.367 || 4649.0 || 2958 || 14:27:42 || 38.526 || 100.210 || 4673.5
|-
| 10 || 4-4 || 2008-06-04\_14-31-24\_DATA.BSQ || 14:31:09 || 38.527 || 100.199 || 4631.3 || 2817 || 14:34:17 || 38.576 || 100.353 || 4641.7
|-
| 11 || 4-3 || 2008-06-04\_14-37-59\_DATA.BSQ || 14:39:55 || 38.579 || 100.346 || 4599.6 || 2555 || 14:42:46 || 38.536 || 100.210 || 4612.0
|-
| 12 || 4-2 || 2008-06-04\_14-46-28\_DATA.BSQ || 14:46:20 || 38.535 || 100.194 || 4620.5 || 2869 || 14:49:31 || 38.583 || 100.345 || 4639.2
|-
| 13 || 4-1 || 2008-06-04\_14-53-13\_DATA.BSQ || 14:55:36 || 38.594 || 100.364 || 4621.2 || 3018 || 14:58:58 || 38.544 || 100.206 || 4606.9
|}

2、Keywords

Theme：Image spectrometer OMIS-II,Remote Sensing Technology
Discipline：Remote Sensing Technology
Places：Heihe River Basin, Dayekou watershed foci experimental areas, Forest and Hydrology Experimental Areas
Time：

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：6770.3MB

4.Data format：

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.75 | - |
| west：100.15 | - | east：100.5 |
| - | south：38.45 | - |

5、Time frame:2008-06-14 01:50:00+00:00--2008-06-14 07:31:00+00:00

6、Reference method

References to data:

MA Mingguo. WATER: Dataset of airborne imaging spectrometer (OMIS-II) mission in the Dayekou watershed flight zone on Jun. 4, 2008. A Big Earth Data Platform for Three Poles, doi:10.3972/water973.0224.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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