A Big Earth Data Platform for Three Poles

**Satellite Bouguer gravity anomaly in Xuhuai and its adjacent area**

1、Description

The data set mainly shows the distribution of satellite Bouguer gravity anomaly in Xuhuai area. The analysis and processing of Bouguer gravity anomaly can better constrain the size and location of density anomaly at different depths.  
The dataset contains 1 file in DAT format: Gravity\_ Xuhuai.dat。  
The data set can be used to display the satellite Bouguer gravity anomaly data in Xuhuai and its adjacent areas. If combined with other geophysical observations and geological inference, the formation process of Xuhuai tectonic arc can be better constrained, and then a self consistent geological model related to the formation and evolution of Xuhuai tectonic arc could be proposed.

2、Keywords

Theme：Gravity,GRACE  
Discipline：Solid earth  
Places：Xuhuai thrust belt  
Time：2008

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.01MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.0 | - |
| west：112.0 | - | east：124.0 |
| - | south：28.0 | - |

5、Time frame:None--None

6、Reference method

References to data:

DENG Yangfan. Satellite Bouguer gravity anomaly in Xuhuai and its adjacent area. A Big Earth Data Platform for Three Poles, 2021

References to articles:

7、Supporting project information

The deep process and resource effect of major geological events in Yanshan period (2016YFC0600400)

8、Data resource provider

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