A Big Earth Data Platform for Three Poles

**The map of aeolian landform in Taklimakan desert (1978)**

1、Description

Ⅰ. this data  
Compilation: Lanzhou Desert Research Institute, Chinese Academy of Sciences  
Publication: Map Publishing House, Map Printing House  
Issue: Xinhua Bookstore Beijing Publishing House  
Ⅱ. The 1: 1.5 million Taklimakan Desert Aeolian Landform Map includes:  
1. aeolian \_ landform \_ taklimakan \_ 150 (aeolian landform) 2, height (dune height) 3, lake (lake) 4river1, 2, 3 (river), 5, road1, 2, 3 (road)  
Ⅲ. aeolian landform attribute fields: Aeolian\_c (attribute), Aeolian\_ (English control), Code (attribute code)  
Classification codes of geomorphic data attributes are as follows:  
(a), sand landform types  
111. Ridge-shaped Compound Sand Mountain  
112. Compound crescent dunes and dune chains  
113. Pyramid dunes  
114. Crescent dunes and dune chains  
115, lattice sand dune and lattice sand dune chain  
116, wind erosion residual hills  
117. Compound Sand Ridge  
118. Dome dunes  
119. Fish Scale Sand Dunes  
120, crescent sand ridges and linear sand ridges  
121, red willow sandbags  
122. Gobi  
(b) Sand dune height types  
211, less than 10 meters  
212, 10-25m  
213, 25-50m  
214, 50-100m  
215, more than 100 meters  
(3) Other types  
311, woodland and shrub forest  
312. Artificial Oasis  
313. Saline-alkali Land and Swamp  
Iv. projection information:  
Angular Unit: Degree (0.017453292519943295)  
Prime Meridian: Greenwich (0.000000000000000000)  
Datum: D\_Beijing\_1954  
Spheroid: Krasovsky\_1940  
Semimajor Axis: 6378245.000000000000000000  
Semiminor Axis: 6356863.018773047300000000  
Inverse Flattening: 298.300000000000010000

2、Keywords

Theme：Geomorphology,Aeolian landform  
Discipline：Terrestrial Surface  
Places：Taklamakan  
Time：1978

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：5.7MB

4.Data format：矢量

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：42.0 | - |
| west：99.3 | - | east：105.25 |
| - | south：38.4 | - |

5、Time frame:None--None

6、Reference method

References to data:

WANG Jianhua. The map of aeolian landform in Taklimakan desert (1978). A Big Earth Data Platform for Three Poles, doi:10.3972/westdc.008.2013.db2013

References to articles:

中国科学院兰州沙漠研究所.塔克拉玛干沙漠1:150万风沙地貌数据集,中国科学院兰州沙漠研究所,西安出版社,1978

7、Supporting project information

8、Data resource provider

name: WANG Jianhua  
unit: Cold and Arid Regions Environmental and Engineering Research Institute, Chinese Academy of Sciences  
email: jhwang@lzb.ac.cn