A Big Earth Data Platform for Three Poles

**Global Typhoon path dataset (2018)**

1、Description

The global typhoon path data set contains the data of 29 typhoon path points in the Northwest Pacific in 2018, including time, longitude and latitude, central air pressure, wind speed and wind force, future direction, future speed, wind force level and other indicators; the data comes from the typhoon network of the Central Meteorological Station (http://typhone.nmc.cn/web.html), using Python to grab the typhoon path data published on the web page, In addition, the captured Excel data table is sorted into ShapeFile form, and each path point is given wind power level according to the wind power rating standard of typhoon;  
It can be applied to the analysis of the characteristics and influence of the movement of typhoon path points, wind speed and wind force.

2、Keywords

Theme：Typhoon,Meteorological hazards,Path,Natural Disaster  
Discipline：Human-nature Relationship  
Places：Northwest Pacific Ocean  
Time：In 2018

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：0.24MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：44.9 | - |
| west：103.6 | - | east：179.3 |
| - | south：4.6 | - |

5、Time frame:2018-01-18 16:00:00+00:00--2019-01-10 16:00:00+00:00

6、Reference method

References to data:

YANG Hua, WU Jianjun, CHEN Yiting, ZHOU Hongmin. Global Typhoon path dataset (2018). A Big Earth Data Platform for Three Poles, doi:10.11888/Disas.tpdc.2702052019

References to articles:

7、Supporting project information

8、Data resource provider

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