A Big Earth Data Platform for Three Poles

**Daily standard weather station dataset in Sanjiangyuan region (1981-2015)**

1、Description

The files in this data set are named as:  
  
1. Pressure of the station: SURF\_CLI\_CHN\_MUL\_DAY-PRS-10004-SITEID.TXT  
  
2. Temperature: SURF\_CLI\_CHN\_MUL\_DAY-TEM-12001-SITEID.TXT  
  
3. Relative humidity: SURF\_CLI\_CHN\_MUL\_DAY-RHU-13003-SITEID.TXT  
  
4. Precipitation: SURF\_CLI\_CHN\_MUL\_DAY-PRE-13011-SITEID.TXT  
  
5. Evaporation: SURF\_CLI\_CHN\_MUL\_DAY-EVP-13240-SITEID.TXT  
  
6. Wind direction and wind speed: SURF\_CLI\_CHN\_MUL\_DAY-WIN-11002-SITEID.TXT  
  
7. Sunshine: SURF\_CLI\_CHN\_MUL\_DAY-SSD-14032-SITEID.TXT  
  
8.0cm Ground Temperature: SURF\_CLI\_CHN\_MUL\_DAY-GST-12030-0cm-SITEID.TXT  
  
Detailed format descriptions for each data file are given in the SURF\_CLI\_CHN\_MUL\_DAY\_FORMAT.doc file.  
  
  
  
The meteorological site information contained in this data set is as follows:  
  
Site\_id lat lon ELV name\_En  
  
52754 37.33 100.13 8301.50 Gangcha  
  
52833 36.92 98.48 7950.00 Uran  
  
52836 36.30 98.10 3191.10 Dulan  
  
52856 36.27 100.62 2835.00 Chabcha  
  
52866 36.72 101.75 2295.20 Xining  
  
52868 36.03 101.43 2237.10 Guizhou  
  
52908 35.22 93.08 4612.20 Wu Daoliang  
  
52943 35.58 99.98 3323.20 Xinghai  
  
52955 35.58 100.75 8120.00 Guinan  
  
52974 35.52 102.02 2491.40 Tongren  
  
56004 34.22 92.43 4533.10 Toto River  
  
56018 32.90 95.30 4066.40 Zaduo  
  
56021 34.13 95.78 4175.00 Qumalai  
  
56029 33.02 97.02 3681.20 Yushu  
  
56033 34.92 98.22 4272.30 Maddo  
  
56034 33.80 97.13 4415.40 Qingshui River  
  
56038 32.98 98 98.10 9200.00 Shiqu  
  
56 043 34.47 100.25 3719.00 Golo  
  
56 046 33.75 99.65 3967.50 Dari  
  
56065 34.73 101.60 8500.00 Henan  
  
56 067 33.43 101.48 3628.50 Jiuzhi  
  
56074 34.00 102.08 3471.40 Marqu  
  
56080 35.00 102.90 2910.00 Hezuo  
  
56106 31.88 93.78 4022.80 Suoxian  
  
56116 31.42 95.60 3873.10 Ding Qing  
  
56125 32.20 96.48 3643.70 Xiangqian  
  
56128. 31.22. 96.60. 3810.00 Leiwuqi  
  
56 137 31.15 97.17 3306.00 Changdu  
  
56151 32.93 100.75 8530.00 Banma  
  
56152 32.28 100.33 8893.90 Saida

2、Keywords

Theme：相对湿度, 日照时数, 降水, 水文科学, 气温, 气象站  
Discipline：Geographic Sciences, Atmospheric science  
Places：Three-River-Source National Park, Three Rivers Source  
Time：

3、Data details

1.Scale：None

2.Projection：

3.Filesize：140.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：37.38 | - |
| west：89.15 | - | east：102.58 |
| - | south：30.79 | - |

5、Time frame:1981-01-22 08:00:00+00:00--2016-01-21 08:00:00+00:00

6、Reference method

References to data:

National Meteorological Information Center, WANG Xufeng. Daily standard weather station dataset in Sanjiangyuan region (1981-2015). A Big Earth Data Platform for Three Poles, doi:10.11888/Meteoro.tpdc.2705392018

References to articles:

7、Supporting project information

8、Data resource provider

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