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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