A Big Earth Data Platform for Three Poles

**Daily Meteorological Data of National Standard Meteorological Stations in Sanjiangyuan and Its Adjacent Areas (1981-2020)**

1、Description

Meteorological data is generally divided into three categories: short-term (i.e. daily), medium-term, and long-term. Among them, daily meteorological data is the most commonly used data, mainly including temperature, precipitation, precipitation type, relative humidity, wind speed, and direction. They are the basic data for meteorological surveys and research, and are an important basis for meteorological forecasting, climate change monitoring, and precipitation forecasting. Daily meteorological data from national standard meteorological stations in Sanjiangyuan and adjacent areas from 1981 to 2015, including eight variables, namely station pressure, temperature, relative humidity, precipitation, evaporation, wind direction, wind speed, sunlight, and 0cm ground temperature. The data is in. txt format.

2、Keywords

Theme：气象数据  
Discipline：  
Places：Sanjiangyuan, Sanjiangyuan National Park  
Time：Daily,

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：285.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：34.9198 | - |
| west：98.2726 | - | east：98.2726 |
| - | south：34.9198 | - |

5、Time frame:1980-12-31 16:00:00+00:00--2015-12-30 16:00:00+00:00

6、Reference method

References to data:

WANG Xufeng. Daily Meteorological Data of National Standard Meteorological Stations in Sanjiangyuan and Its Adjacent Areas (1981-2020). A Big Earth Data Platform for Three Poles, 2023

References to articles:

7、Supporting project information

Ecological Data Center of Sanjiangyuan National Park

8、Data resource provider

name: WANG Xufeng  
unit: Northwest Institute of Ecology and Environmental Resources, Chinese Academy of Sciences  
email: wangxf@laz.ac.cn  
  
name: WANG Xufeng  
unit: Northwest Institute of Ecology and Environmental Resources, Chinese Academy of Sciences  
email: wangxf@laz.ac.cn