Upper Yangtze River Scientific Data Center

**Observation Data of Qingmuguan Automatic Weather Station of Jinfo National Station (2018)**

1、Description

This data is from the observation data of the automatic weather station at the Jiangjiaquan underground river outlet observation site (E106.2922861 °; N29.68314 °, 329m above sea level) in Qingmuguan watershed of the National Field Scientific Observation and Research Station of Jinfo Mountain Karst Ecosystem in Chongqing from April 23 to December 31, 2018. The air temperature and relative humidity sensors of Qingmuguan Automatic Weather Station are erected at 2m and 10m respectively, facing due north; The barometer is installed at 10m; The tipping bucket rain gauge is installed at 10m; The wind speed and direction sensors are set at 2m and 10m respectively; The four component radiometer is installed at 5m, facing south; Photosynthetically active radiation sensor is installed at 5m and 10m, facing south; The soil temperature probe is buried in the ground at 0cm, 2cm, 5cm, 10cm, 20cm, 40cm, 60cm, and in the south 2m away from the meteorological tower; The soil moisture probe shall be buried at 2cm, 5cm, 10cm, 20cm, 40cm, 60cm and 80cm underground, in the south of the meteorological tower 2m away; The soil heat flux plates (3 pieces) are successively buried at 5cm, 10cm and 20cm below the ground, just south of the meteorological tower 2m away; Soil average temperature probe (1), buried 5 cm underground, is located in the south of the meteorological tower 2 m. 144 groups of data are observed every day (every 10min). If there is any missing data, it is indicated by NAN.

2、Keywords

Theme：Soil moisture dataset,Winds,Humidity/Dryness,wind speed
Discipline：Atmosphere
Places：Qingmuguan ,Jinfo Mountain National Station
Time：2018

3、Data details

1.Scale：None

2.Projection：

3.Filesize：9.03MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：29.68314 | - |
| west：106.2922861 | - | east：106.2922861 |
| - | south：29.68314 | - |

5、Time frame:2018-04-22 16:00:00+00:00--2018-12-30 16:00:00+00:00

6、Reference method

References to data:

KONG Debing . Observation Data of Qingmuguan Automatic Weather Station of Jinfo National Station (2018). Upper Yangtze River Scientific Data Center, 2022

References to articles:

7、Supporting project information

8、Data resource provider

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