Upper Yangtze River Scientific Data Center

**Flux observation data on Jinfoshan National Station slot - closed circuit (2021)**

1、Description

This data is from the closed-circuit vorticity observation data of the Grain for Green Observation Field (E106 ° 26 ′ 32.9 ″; N29 ° 47 ′ 14.8 ″, 591m above sea level) at the National Field Scientific Observation and Research Station of Jinfo Mountain Karst Ecosystem in Chongqing from January 1 to December 31, 2021. The underlying surface of the observation site is the converted farmland shrubs, and the frame height of the eddy correlation instrument is 5m, the sampling frequency is 10Hz, the ultrasonic direction is due north, and the distance between the ultrasonic anemometer CSAT3A and the CO2/H2O analyzer EC155 is 15cm. The average period of observation data is 30 minutes, 48 groups of data a day, and the missing data is marked as NAN. The meaning of data time. For example, 0:30 represents the average of 0:00-0:30.

2、Keywords

Theme：Land surface flux,Radiation
Discipline：Atmosphere
Places：Caoshang
Time：2021

3、Data details

1.Scale：None

2.Projection：

3.Filesize：29.8MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：29.78747 | - |
| west：106.4424794 | - | east：106.4424794 |
| - | south：29.78747 | - |

5、Time frame:2020-12-31 16:00:00+00:00--2021-12-30 16:00:00+00:00

6、Reference method

References to data:

KONG Debing . Flux observation data on Jinfoshan National Station slot - closed circuit (2021). Upper Yangtze River Scientific Data Center, 2022

References to articles:

7、Supporting project information

8、Data resource provider

name: KONG Debing
unit: Southwest University
email: kongdebing@swu.edu.cn