Upper Yangtze River Scientific Data Center

**Flux observation data of Hutou Village, Jinfo National Station (2022)**

1、Description

This data is from the open circuit vorticity observation data at Hutou Village Farmland Observation Field (E106 ° 19 ′ 9.3 ″; N29 ° 45 ′ 45.7 ″, 473m above sea level) of Chongqing Jinfo Mountain Karst Ecosystem National Field Scientific Observation and Research Station from October 1 to December 31, 2022. The underlying surface of the observation site is camellia bush, the frame height of eddy correlation instrument is 5m, the sampling frequency is 10Hz, the ultrasonic direction is due north, and the distance between the ultrasonic anemometer Windmaster and CO2/H2O analyzer LI-7500RS 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：Hutou Village  
Time：2022

3、Data details

1.Scale：None

2.Projection：

3.Filesize：6.16MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：29.76271 | - |
| west：106.3192621 | - | east：106.319262129 |
| - | south：29.76271 | - |

5、Time frame:2021-12-31 16:00:00+00:00--2022-12-30 16:00:00+00:00

6、Reference method

References to data:

KONG Debing . Flux observation data of Hutou Village, Jinfo National Station (2022). 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