Upper Yangtze River Scientific Data Center

**Flux observation data of Citrus Research Institute of Jinfo National Station (2021)**

1、Description

This data is from the closed-circuit vorticity observation data at the orchard observation site of the Citrus Research Institute of the National Field Scientific Observation and Research Station of Jinfo Mountain Karst Ecosystem in Chongqing (E106 ° 38 ′ 1.8 ″; N29 ° 76 ′ 23.2 ″, 231m above sea level) from January 1 to December 31, 2021. The underlying surface of the observation field is citrus and grapefruit bushes, and the frame height of the eddy correlator is 4m, 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：Citrus Research Institute  
Time：2021

3、Data details

1.Scale：None

2.Projection：

3.Filesize：15.8MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：29.76232 | - |
| west：106.3817569 | - | east：106.3817569 |
| - | south：29.76232 | - |

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 of Citrus Research Institute of Jinfo National Station (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