Upper Yangtze River Scientific Data Center

**Flux observation data of Yinxian Cave at Jinfoshan National Station (2018)**

1、Description

This data is from the open circuit vorticity observation data of Yinxiandong Primary Forest Observation Field (E107 ° 11 ′ 38.8 ″; N29 ° 4 ′ 3.2 ″, 1194m 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, 2018. The underlying surface of the observation field is the primary forest on the north slope of Jinfo Mountain. The height of the eddy correlator is 3m. The sampling frequency is 10Hz. The ultrasonic direction is due north. The distance between the ultrasonic anemometer CSAT3B and the 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：Xianyindong  
Time：2018

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：5.19MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：29.06757 | - |
| west：107.1941206 | - | east：107.1941206 |
| - | south：29.06757 | - |

5、Time frame:2018-03-31 16:00:00+00:00--2018-12-30 16:00:00+00:00

6、Reference method

References to data:

KONG Debing . Flux observation data of Yinxian Cave at Jinfoshan National Station (2018). 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