\*\*\* Meiyu raingauge measurements 2020 \*\*\*

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\*\*\*General Introduction\*\*\*

Data for an article submitted to AGU GRL, which is titled by “contributions of Arctic sea-ice loss and East Siberian atmospheric blocking to 2020 record-breaking Meiyu-Baiu rainfall”. To evaluate the ERA5 precipitation data, we compared it with this precipitation dataset provided by the National Meteorological Information Center in China, which combines raingauge measurements from automatic meteorological stations with precipitation estimates from radar and satellite sensors.

\*\*\*Description of the data in this dataset\*\*\*

There are two folders. Inside the one named 202006, hourly data for June 2020 are stored in 720 files. Inside the one named 202007, hourly data for July 2020 are stored in 744 files.

This data only covers around the Yangtze River (100°-125°E, 27°-36°N). The missing value is denoted by 9999.

\*\*\*Important imformation \*\*\*

If you would like to use this dataset, please cite the following reference.

http://qxxb.ijournals.cn/qxxb\_cn/ch/reader/view\_abstract.aspx?doi=10.11676/qxxb2015.010