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Hourly precipitation data for Kampala, Uganda, 2019-2020

<https://doi.org/10.5285/3df031ad-34ec-4abc-8528-f8f20bad12b8> (<https://doi.org/10.5285/3df031ad-34ec-4abc-8528-f8f20bad12b8>)

“” Cite this dataset

Hourly precipitation (mm) recorded at distributed points around Kampala between April 2019 and March 2020. Only timestamps where data were available from all sensors have been included. There are 8094 records in total and no missing values. Timestamps are recorded as “YYYY-MM-DD hh:mm:ss”. The geographic coordinates of the sensors are provided in GeoJSON format. The column names in the CSV file correspond to the “id” field in the GeoJSON file.

Publication date: 2021-09-01

Where/When

Study area

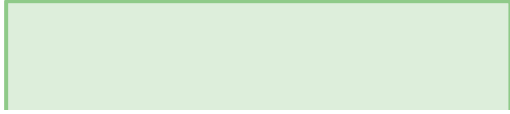
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contributors

**Temporal extent**

2019-01-01 to 2020-12-31

Provenance & quality

Davis Vantage VUE Sensor Suites were installed by researchers from Makerere University and Newcastle University in April 2019. Calibration is not required for the sensors employed in this research. No quality control procedures have been applied.

Related

Related datasets

Modelled flood extents for Kampala, Uganda

(<https://catalogue.ceh.ac.uk/id/e53dea2e-cb25-4f0f-b5f9-937eecf15aff>)

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Additional metadata

Topic categories

Climatology / Meteorology / Atmosphere (<http://inspire.ec.europa.eu/metadata-codelist/TopicCategory/climatologyMeteorologyAtmosphere>)

Keywords

hydrology, Kampala, Rainfall

Spatial representation type

Vector

Spatial reference system

WGS 84

Last updated

14 September 2021 07:24