206 dates and coordinates

Got dust pics so correct dates and coordinates

Precision of dust coordinates up to 6 dp but precipitation data up to 3 dp

Manually get the precipitation data – 4 days of data – 1 day before, the day of and 2 days after

Same date in same region

Some data overlapped and all in a similar region so used the cropped region with the largest values for lat and lon got get a broader area (get greater extent- widest -> largest value for west and ) to include all for example 2003-03-09 to 2003-03-13

Might be better to download all data from starting date to ending date in a bounding box that includes the coordinates of the data and the clean (filter) the data so you can get what you need. More efficient if had larger dataset

Precipitation dataset = 1087461 rows of data

Remove rows blank data in precip column

There are different classifications of rainfall intensity based on location some examples are shown in the tables below

![A screenshot of a cell phone

Description automatically generated]()

Wireless Sensor Network Design for Earthquake’s and Landslide’s Early Warnings – Indoensia

![A screenshot of a cell phone

Description automatically generated]()

Sanitary Hazards and Microbial Quality of Open Dug Wells in the Maldives Islands

Precipitation is Patagonia

**Precipitation**

Precipitation is more frequent during the months of April and May in the fall, but it is also common to get some rain between the months of November through January, although with less intensity. In the winter months, precipitation is very common at night in the form of snow, giving way to some beautiful landscapes.