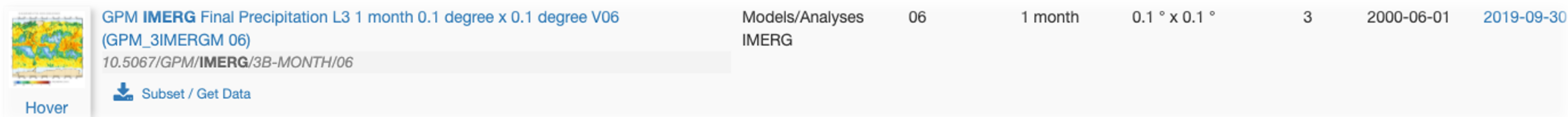


Data Acquisition

1. Download monthly IMERG data from GES DISC:
 - a) Using a web browser, go to NASA Goddard Earth Sciences (GES) Data and Information Services Center (DISC): <https://disc.gsfc.nasa.gov/>
 - b) Type “IMERG” in the search bar and click on the search icon
 - c) Select IMERG Version 6 Level 3 data at “monthly” temporal resolution and click on the “Subset / Get Data” icon



The screenshot shows a search result for GPM IMERG data. On the left is a small map thumbnail with a 'Hover' label below it. To the right of the map is the text: 'GPM IMERG Final Precipitation L3 1 month 0.1 degree x 0.1 degree V06 (GPM_3IMERGM 06) 10.5067/GPM/IMERG/3B-MONTH/06'. Below this text is a blue download icon and the text 'Subset / Get Data'. To the right of the main text is a table with the following columns: 'Models/Analyses' (IMERG), '06', '1 month', '0.1 ° x 0.1 °', '3', '2000-06-01', and '2019-09-30'.

Models/Analyses	06	1 month	0.1 ° x 0.1 °	3	2000-06-01	2019-09-30
IMERG						

- d) Leave the default date range since we want the entire time series



Data Acquisition


- e) Under Spatial Subset enter 29, -28, 42, -9.5 (i.e. Mozambique)
- f) Under Variables select only “precipitation”
- g) Leave the default parameters under Grid
- h) Under File Format select “netCDF”
- i) Click Get Data
- j) Follow the instructions for downloading data – **for convenience these data are made available on the training webpage:**
<https://arset.gsfc.nasa.gov/water/webinars/IMERG-2020>
- e) Once downloaded, unzip the folder and rename it **IMERG**

▸ Refine Date Range: 2000-06-01 to 2019-09-30

Subset Options ⓘ

▾ Spatial Subset: ✓ 29, -28, 42, -9.5

29, -28, 42, -9.5



Available Range: -180, -90, 180, 90 Cursor Coordinates: -81.398, -24.609

▾ Variables: ✓ 1 variable(s) selected

NOTE: By default, **ALL** variables are sent in the subset request.

- gaugeRelativeWeighting = Weighting of gauge precipitation relative to the multi-satellite precipitation
- precipitation = Precipitation (combined microwave-IR) estimate with gauge calibration
- precipitationQualityIndex = Quality Index of precipitation
- probabilityLiquidPrecipitation
- randomError = Random error for precipitation

▸ Grid: None

Output format ⓘ

▾ File Format: ✓ netCDF

- ASCII
- HDF5 (Default) *
- netCDF

