

developed by the



GLOBAL PRECIPITATION MEASUREMENT MISSION

GPM.NASA.GOV / EDUCATION TWITTER.COM / NASAATMOSPHERE FACEBOOK.COM / NASAATMOSPHERE



“Telling Your Water Story”



Joint effort between **The GLOBE Program** and NASA's **Global Precipitation Measurement (GPM)** mission



Water is our most precious natural resource. Knowing how much or how little precipitation falls in a certain location is vital to ensuring we have the freshwater we need to meet our needs. Depending on where you live, you may sometimes experience too much or too little precipitation.

We would like to invite you to join an easy citizen science project to tell your water story with others around the globe. Not only will this increase your understanding of how much rain and snow falls in your area, but you will also gain a richer understanding about how the amount of seasonal precipitation impacts people's lives and livelihoods around the world.

NASA's GPM mission that measures how much precipitation falls from the clouds to earth. It is the second in a series of missions that has been taking these measurements since 1997, and the data is freely available to anyone. When you submit a screenshot of your GLOBE Observer cloud observation to me, you will receive a line graph showing the seasonal precipitation that GPM measured for the past twenty years. I will also send you the “recipe” for you to access this data for practically any location in the world and invite you to share your “Water Story”!

North	
Measured Date:	2023-01-06
Organization Name:	India GLOBE v-School
Site ID:	236221
Site Name:	43QDC189252
Latitude:	20.131299
Longitude:	74.224077
Altitude:	885m
Measured At:	2023-01-06T04:09:00
Solar Measured At:	2023-01-06T08:59:00
Cloud Cover:	obscured
Fog / Stratus:	true
Dry Ground:	true
Leaves on Trees:	true
GLOBE Teams:	Astro Pulse, Citizen Scientists of India, Colorado Cloudsters, GLOBE Abu Dhabi, GLOBE Annual Meeting Detroit, 2019, GS106, International Largo, Kenya clouds, NASA GO IND, Poland GLOBE, Romanian, SRUGLOBE, Tear Australia
Data Source:	GLOBE Observer App

Take a Cloud observation, and then click on the GLOBE Observer home page or on the app where it says, “My Observations” and take a screen shot showing your data. On the left you will see an example of the data you need to submit. I need to see the latitude and longitude to access the amount of seasonal precipitation observed by the GPM mission for that location. I will include your “IMERG” data in your story, and will send you a copy of your IMERG data with directions for how you can access this freely available open science data.

Learn more about this project and the science behind NASA's GPM mission here.
Contact Dorian Janney at dorian.w.janney@nasa.gov if you have questions.



GPM.NASA.GOV / EDUCATION