# **"Telling Your Stories"**





#### STEM 60+ September 28, 2023







# Introduction

- Outreach Coordinator for NASA's Global Precipitation Measurement (GPM) mission
- LLL Lead for GLOBE Observer efforts
- Former public school educator (30 years!)
- Mom of three sons- "Nana" to four little people
- Lifelong Learner Institute Professor
- Lifelong Learner- 65 years young









## **"Best Practices" document**

- Research review
- Advisory Group
- Surveys/Interviews





#### Engaging and Sustaining our Lifelong Learners!





#### Perspectives:

- The global population is getting older, and projections indicate that over 21% of people worldwide will be over the age of 60 by the year 2050. This large and voting portion of society is often left out of science outreach and should be invited to participate as we face the mounting and complicated issues across the globe.
- Being engaged in citizen science efforts also serves to improve both mental and physical health for this audience. Retirement can lead to social isolation, which has been linked to health problems including heart disease and early death.
- Motivations are more related to personal benefits, such as increasing their own background knowledge and holding values which lead them to being involved in

### **Real world impacts of precipitation= Stories**





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#### Lifelong Learners

**Tell Your Story!** 



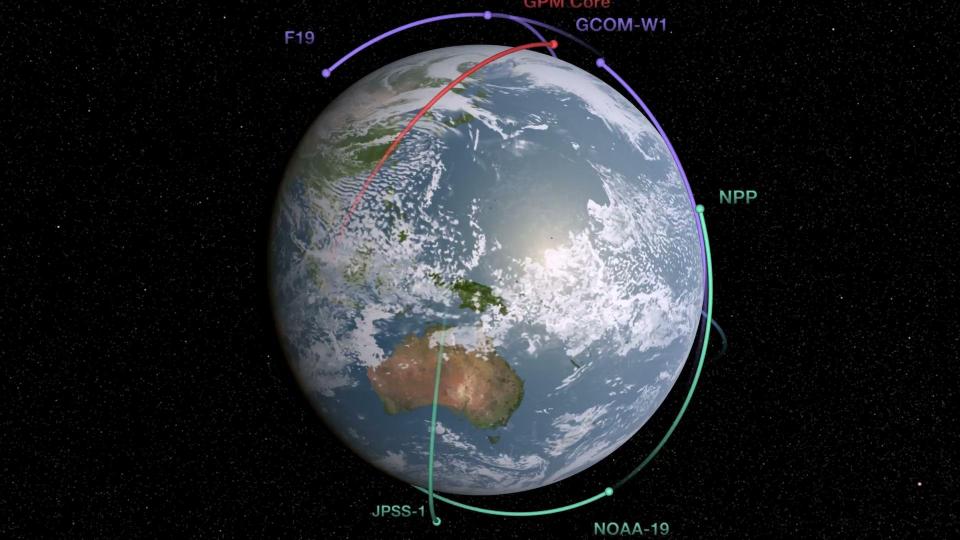
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Measured Date:	2023-07-04
Organization	GPM Satellite
Name:	Mission
Site ID:	193178
Site Name:	18SUJ102471
Latitude:	39.252471
Longitude:	-77.199625
Elevation:	182.3m
Measured At:	
	04T15:43:00
Solar	2023-07-
Measured At:	04T10:29:00
Cloud Cover:	scattered

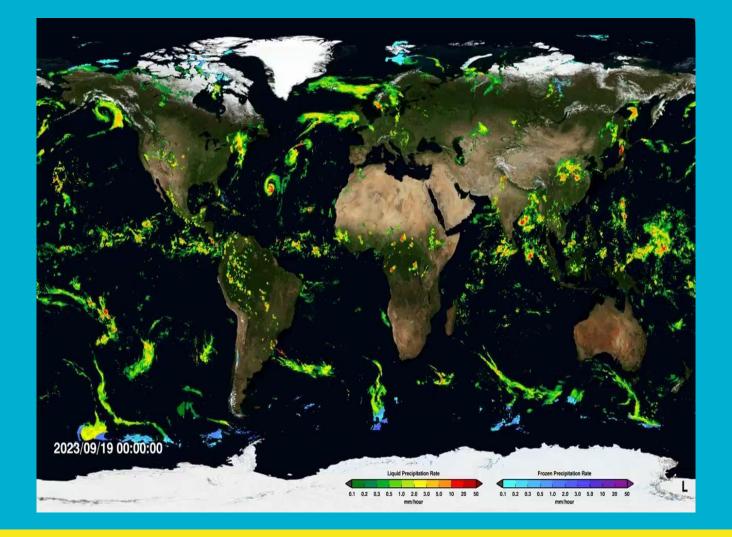




#### **NASA's Global Precipitation Measurement Mission**

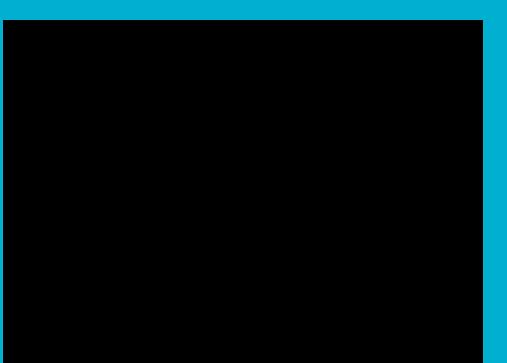






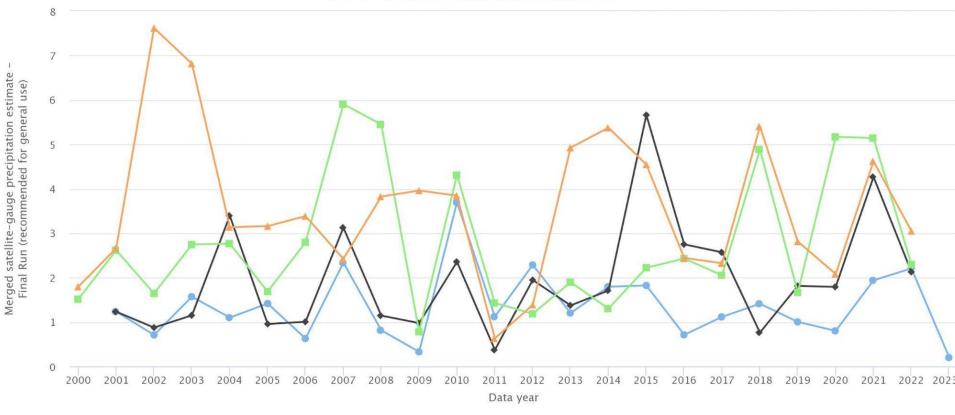
### Last weekend's storm!





#### Interannual Time Series

Average Merged satellite-gauge precipitation estimate - Final Run (recommended for general use) monthly 0.1 deg. [GPM GPM\_3IMERGM v07] inch/month for 2000-Dec - 2023-03-01 00:002, Region 97.4483W, 26.5363N



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### **GLOBE Observer App**



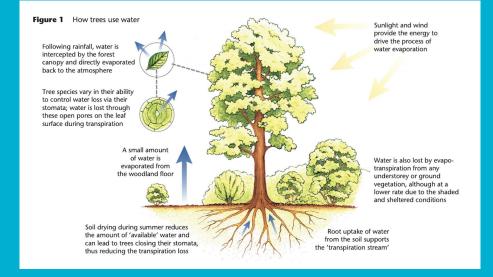




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	Measured At:	2023-07- 04T15:43:00
	Solar Measured At:	2023-07- 04T10:29:00
	Cloud Cover:	scattered
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#### **Precipitation and Trees**





# **Precipitation and Clouds**













#### **Easy to "Tell Your Story"!**

- Download free GLOBE Observer app
- To Tell a Water Story: use Clouds tool
- To Tell a Tree Story: use Trees tool
- Email me a screenshot of your data that includes the latitude and longitude \_\_\_\_\_
- I will send you your seasonal GPM "IMERG" data for that location, and send you some questions to consider as you "tell your story".

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#### Take a deeper dive into "Water Stories"



ascus, MD tingsI I am Dorian Janney, the coordinator for this project. I am the Outreach Coordinator for NASA's

Telling Your Water Story



#### North Beach, MD

I decided to add another water story from the little bay cottage that my husband and I own on the shores of the Chesapeake Bay. Not only is the water in the bay absolutely gorgeous to look at, but it is also an...



Lasalgaon Village, India Yashraj Patž, an engineer and GLOBE GISM member, lives in Lasalgaon, India. His father owns a farm which is located about & kilometers from his home. On this farm, his father plans onions, wheat, soybeans, and...



Juanaclatan, Mexico Peter Falcon is the Earth Science Outreach Coordinator and a GLOBE Partner. He lives in Los Angeles and works at the Jeff Propulsion Laboratory in Pasadena, CA.



Amman, Jordan Emad AL-Athyst lives in Amman, Jordan and serves as the Outreach Manager for GLOBE's Near East and North Africa region. That the pleasure of meeting tim and his son while I was working in Amman, Jordan in...

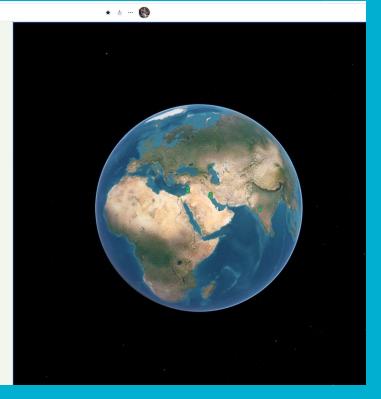


Fredonia, New York, USA Mike Jabot is a SUNY Distinguished Professor of Science Education and is very active in all facets of The GLOBE Program He took a cloud observation on his campus one afternoon recently, braving the cold sno.



Al Mansouriya, Kuwait Itrahim Abduhab Alsayegh is a GLOBE Master Trainer from Kuwait City, and he has a very interesting water story to share with us. Being located in a desert means that there is little freshwater available to meet the...

Isabela Island, Galapagos, Ecuador My husband and I went to Ecuador for a lovely vacation in Feb., 2023. While we were there, we visited the



#### **Give it a try- Tell Your Story!**

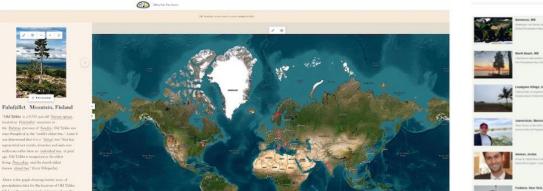




#### **Telling Your Water Story**

Taking Your Heart Store







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#### Feel free to reach out to me!

#### dorian.w.janney@nasa.gov





