

# Part 2: The Nuts and Bolts of the GLOBE Observer Cloud App

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My Library Earth Day Webinar  
March 8<sup>th</sup>, 2017 4pm



# Get the App

## GLOBE Observer

Make observations that **complement NASA satellite** observations to **help scientists** studying Earth and the global environment.

Take photographs of clouds and record sky observations and compare them with NASA satellite images.



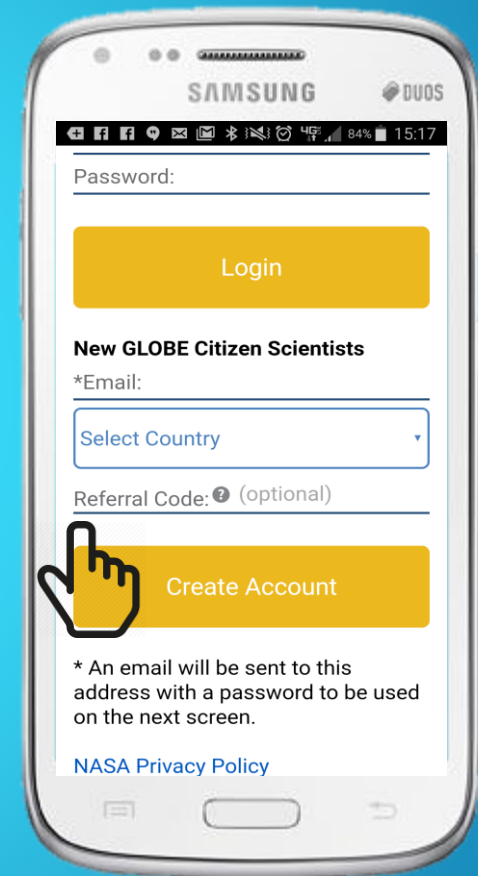
# Get the App

Enter your email and Earth Day referral code: **earth2017** (case sensitive) to create account.

**Note:** GLOBE Observer app Team will send an approval email with a password to Login.

**Now you are ready to go!**

Issues:  
[globeobserverhelp@lists.nasa.gov](mailto:globeobserverhelp@lists.nasa.gov)



# How to Make Observations

## Observation: *Date and Location*

- Uses phone's location
- Can manually choose location from "Google Map"
- App uses this location to send satellite overpass alerts and define your observation site



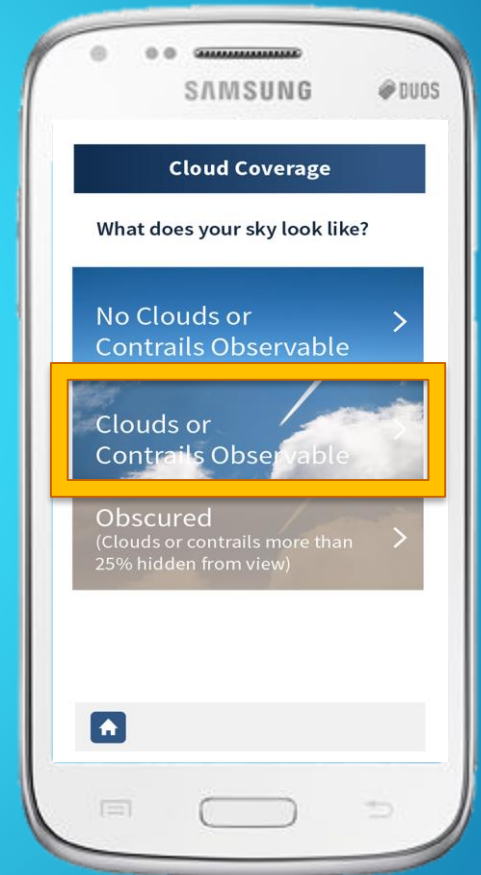


# How to Make Observations

The first and easiest step is observing “What is in Your Sky”:

- No clouds
- Or **Clouds**
- Or Obscured – phenomenon that restricts your view of clouds.

*An accurate observation cannot be made if an obscuration covers more than 25% of your sky.*



# How to Make Observations

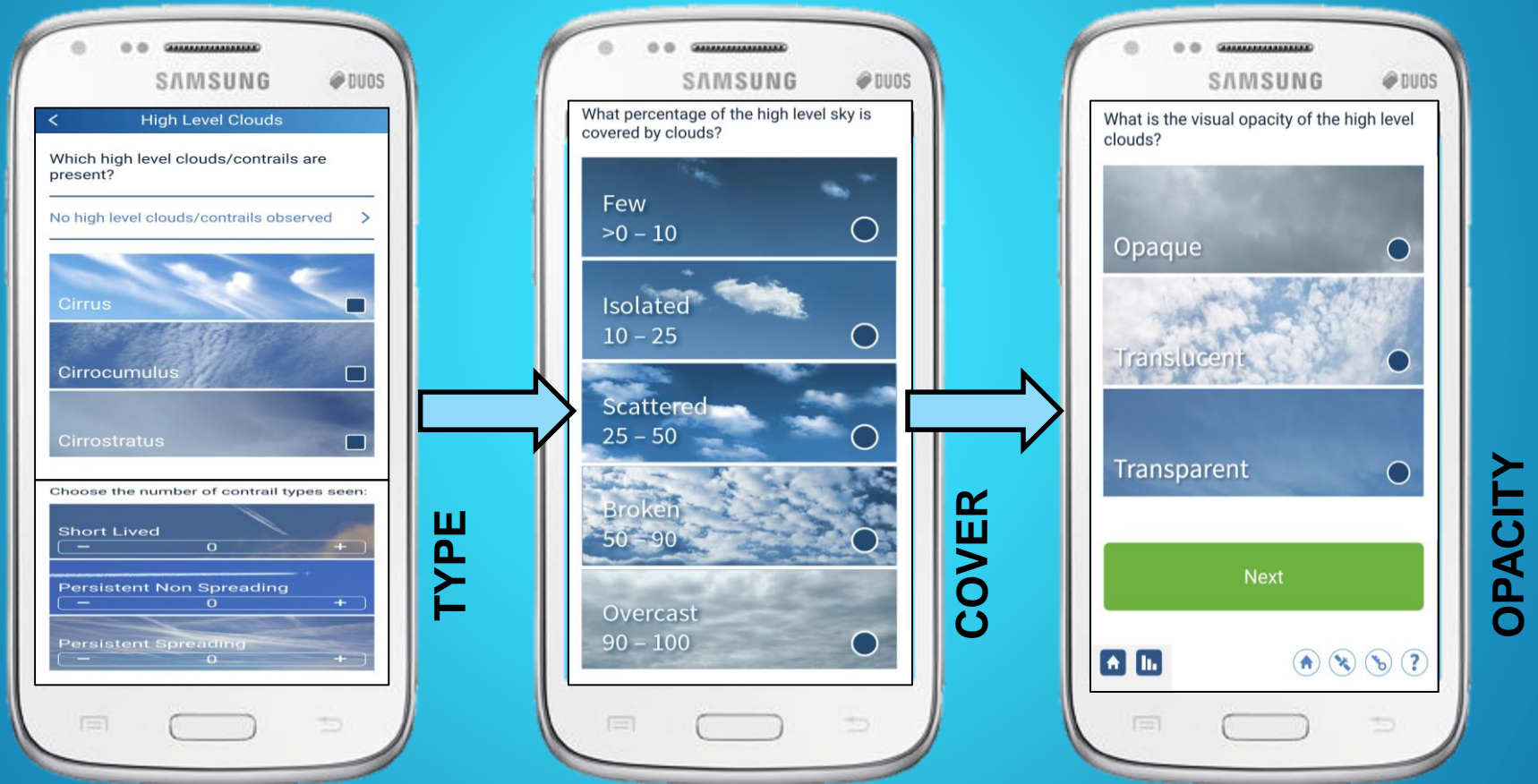
## Observation: *Clouds*

If Cover < 50% you would observe sky color and visibility



# How to Make Observations

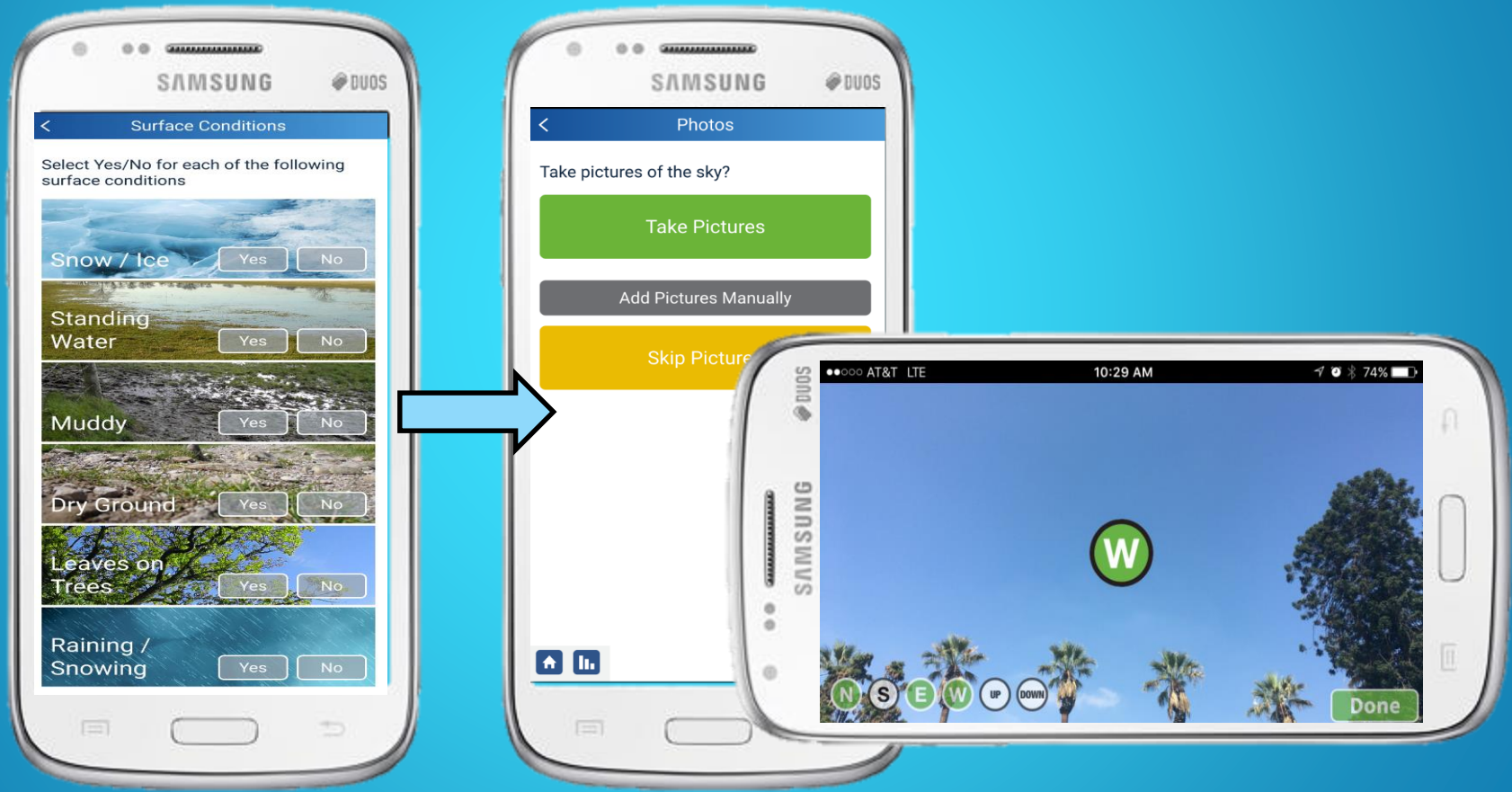
## Observation: *Clouds*





# How to Make Observations

## Observation: *Clouds*

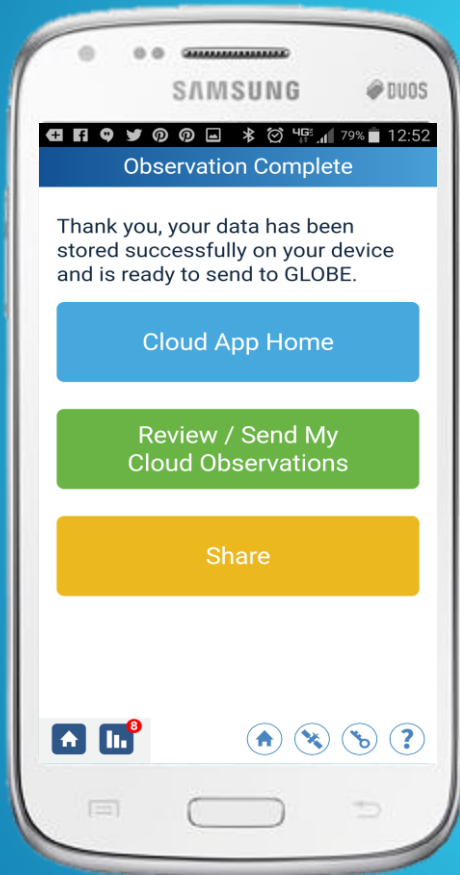




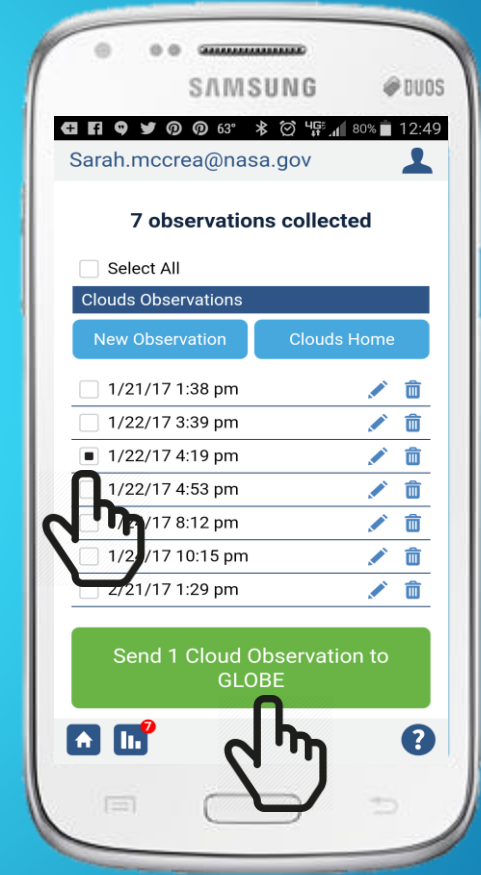
# How to Submit Observations

Automatically!

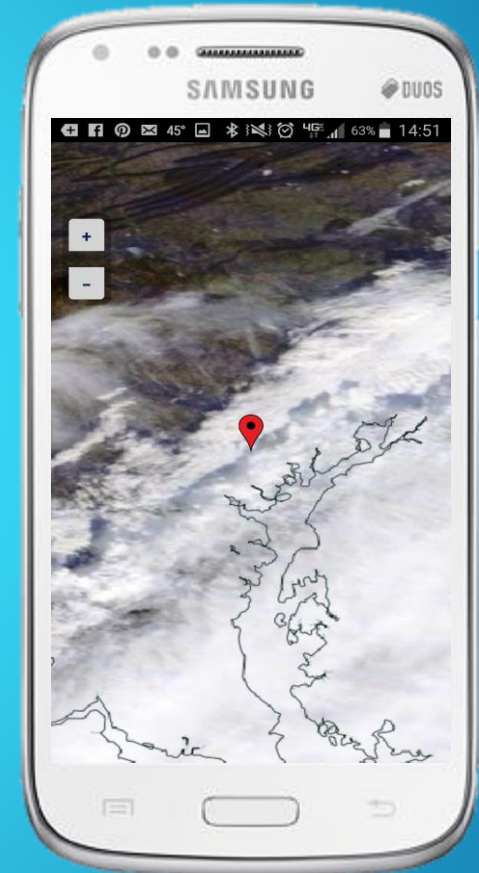
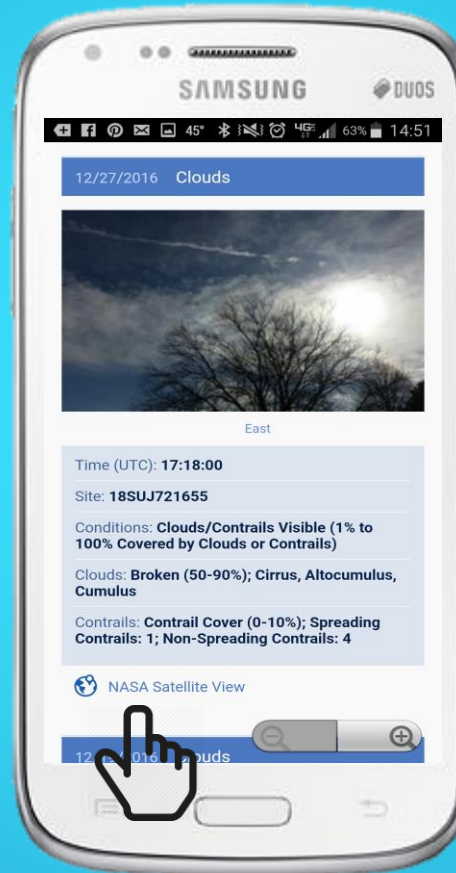
No Internet, No Worries!



OR

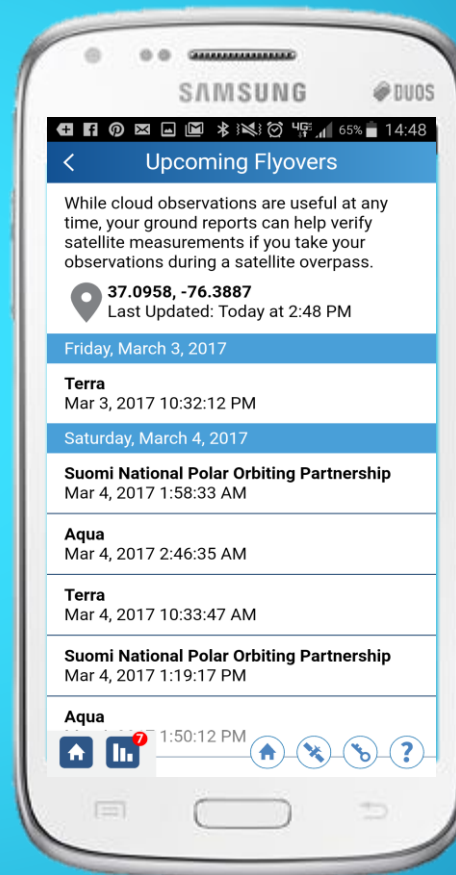


# How to See Data & NASA Satellite Comparison



# Next Steps!

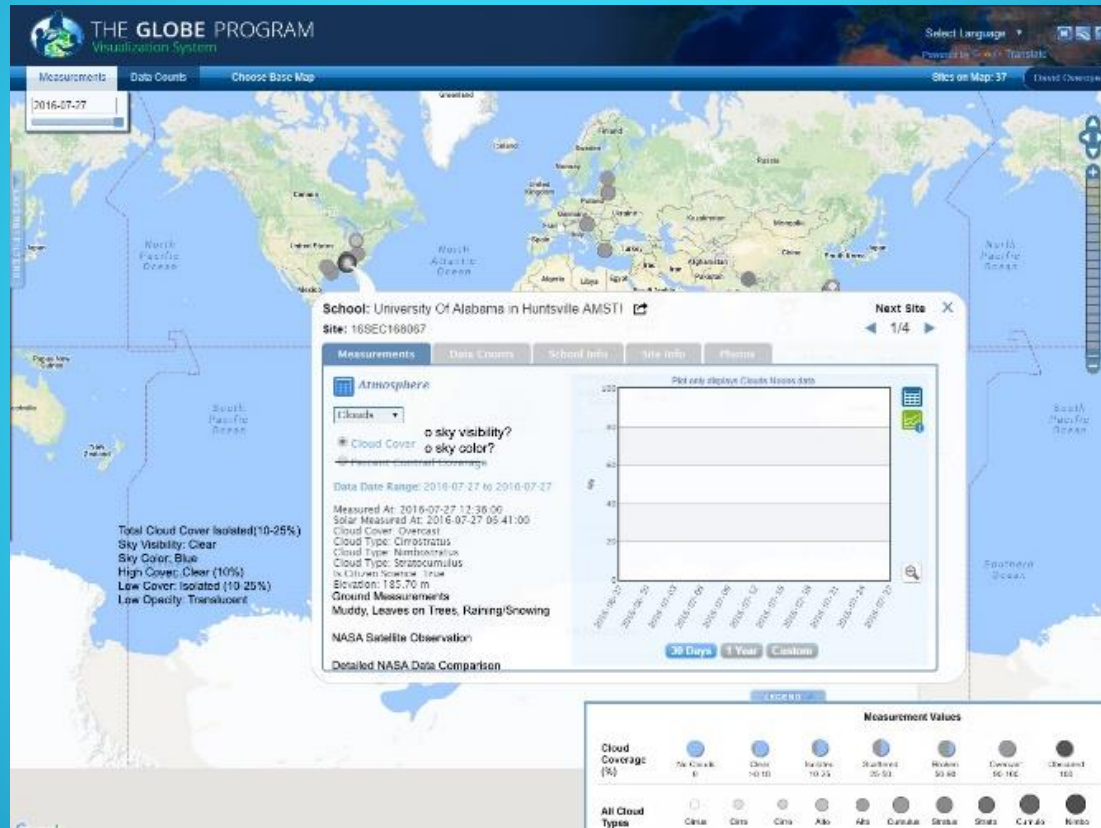
Identify and Observe During **Satellite Overpass Time**





# Extension

Explore Data: <http://vis.globe.gov/clouds>



# NASA GLOBE Observer App Support

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**Cloud Effects On Earth's Radiation**

Did You Know... GLOBE Observer: Clouds is Getting an Update!

Watch for GLOBE Observer News updates, where we'll share the new look of cloud observations and unveil updated cloud resources, starting late January 2017!

<https://observer.globe.gov/>

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