

A satellite map of the Atlantic Ocean, showing the surrounding continents of North America, South America, Europe, and Africa. The ocean is a deep blue, and the landmasses are green and brown. The text "Mapping Gatsby from Space" is overlaid in white, bold, sans-serif font in the center of the image.

Mapping Gatsby from Space

Colby Fayock

Sr UX & Front End Engineer

Element	84
---------	----

@colbyfayock



Search Google Maps

Caphe Banh Mi Cameron Street, Alexandria, VA

Chart House Cameron Street, Alexandria, VA

Torpedo Factory Art Center North Union Street, Alexand...

Home

Work

18 min >

via I-495 E/I-95 N

Updated just now

Moderate traffic in this area

Slower than usual

Old Town

84°

Restaurants

Hotels

Bars

Coffee

More

A Google Maps view of Old Town Alexandria, Virginia. The map shows a grid of streets including N Union St, N Lee St, N Pitt St, N Royal St, N Fairfax St, N St Asaph St, N Columbia St, and Prince St. Landmarks such as the Lee-Fendall House Museum, Wells Fargo Bank, Alexandria City Hall, and Founders Park are visible. A pop-up for 'Element 84' is centered on the map, showing a photo of a room and a 5.0 star rating. The map also shows the waterfront area with the Potomac River and the Virginia District of Columbia. A search bar at the top left contains 'Search Google Maps'. On the left side, there are buttons for 'Home', 'Work', and 'Old Town'. The 'Work' button shows a travel time of '18 min' via I-495 E/I-95 N. The 'Old Town' button shows a temperature of '84°'. At the bottom, there are several small images of local attractions, including the Potomac Riverboat Company, Carlyle House Historic Park, Torpedo Factory Art Center, Market Square, and Potomac River.

Hide

Satellite

Potomac Riverboat Company

Carlyle House Historic Park

Torpedo Factory Art Center

198

Market Square

Potomac River

Map data ©2019 Google

United States

Terms

Send feedback

200 ft

Franconia Springfield Metro, 6880 Front

201 N Lee St, Alexandria, VA 22314

+

Arrive by

9:00 AM

Wed, May 29

OPTIONS

Send directions to your phone

8:05 AM (Wednesday)–8:56 AM

51 min

8:07 AM from Franconia-SPRGFLD STA. & Bus Bay D

\$1.75

8 min

DETAILS

8:08 AM (Wednesday)–8:48 AM

40 min

Fredericksburg Line

AT8

7:55 AM (Wednesday)–8:46 AM

51 min

8:08 AM (Wednesday)–8:56 AM

48 min

Fredericksburg Line

KST

SCHEDULE EXPLORER

The map displays a transit route starting from Franconia Springfield Metro and ending at a destination marked 'Work' in Alexandria, VA. The route is highlighted in blue and passes through several key locations including Springfield Town Center, AMC Hoffman Center 22, and the Potomac River. Callouts along the route indicate travel times: 40 min, 48 min, and 51 min. The map also shows various landmarks, parks, and schools in the area, such as Loftridge Park, Rose Hill Elementary School, and Lee District Park. The Potomac River is visible on the right side of the map.

Alexandria, Virginia

Bloomsburg, Pennsylvania 17815

Add destination

Leave now

OPTIONS

- Send directions to your phone
- via US-15 N

Best route

DETAILS

3 h 41 min

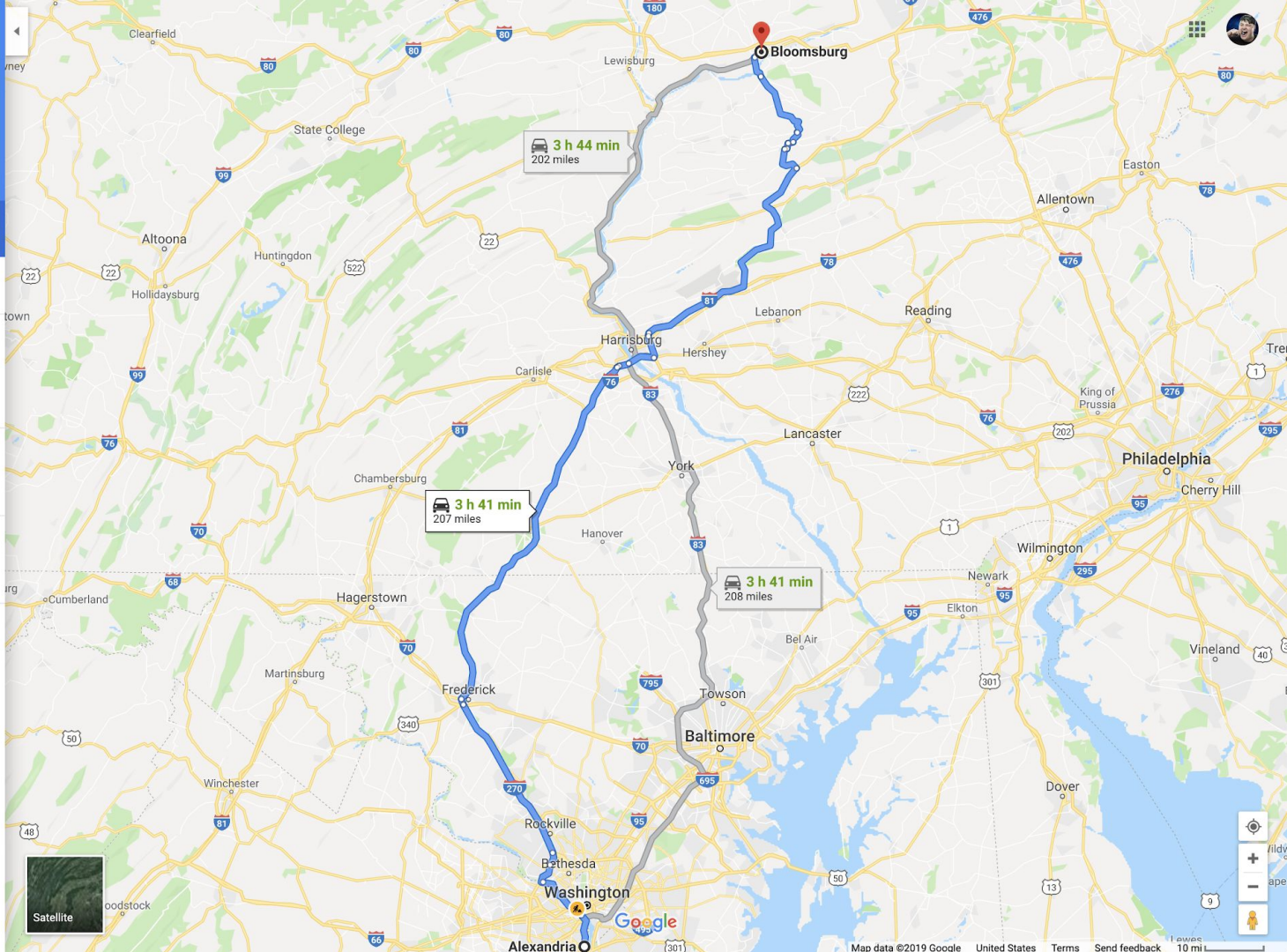
207 miles
- via I-83 N

3 h 41 min


208 miles
- via US-15 N and US-11 N/US-15 N

3 h 44 min

202 miles




The Great Pyramid of Giza




The Great Pyramid of Giza


الهرم الأكبر في الجيزة

4.6  (12,248)

Pyramid




Directions




Save



Nearby




Send to your phone



Share


Largest of Egyptian pyramids in a complex also including temples & other Ancient artifacts.




Al Haram, Nazlet El-Semman, Al Haram, Giza Governorate, Egypt



الهرم، نزلة السمان، الهرم، الجيزة




X4HM+MM Giza, Al Omraneyah, Egypt



Closed. Opens at 8:00 AM



Add a label



Suggest an edit

The Great Pyramid of Giza



Christian Paulsson

Street View - Mar 2019



Google





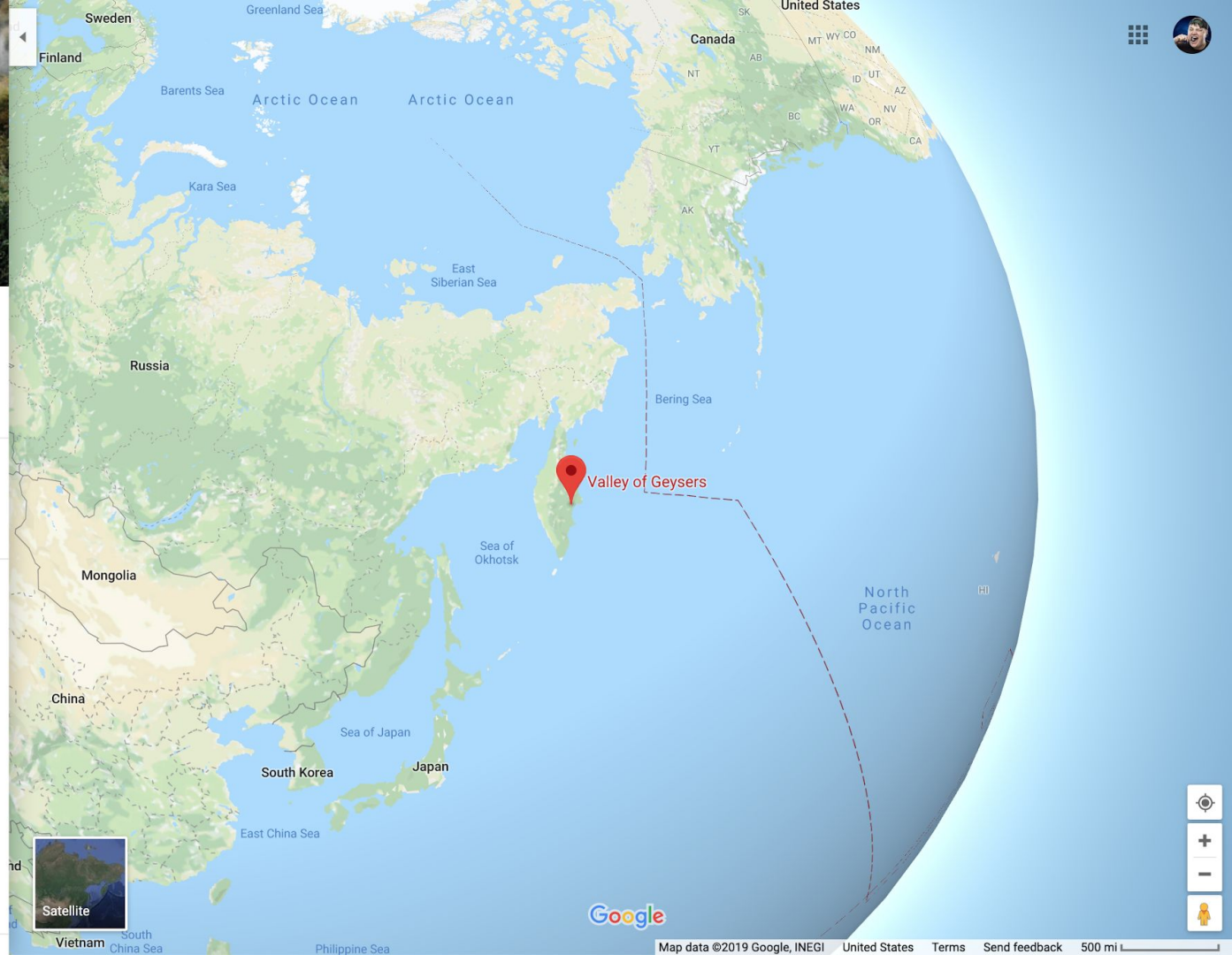
Valley of Geysers

Долина гейзеров
4.7 ★★★★★ (66)
Nature preserve

- Directions
- Save
- Nearby
- Send to your phone
- Share

- Камчатский край, Kamchatka Krai, Russia, 684305
- Камчатский край, 684305
- 9V62C4PP+CG
- +7 415 317-39-05
- Open now: 8AM–9PM
- Claim this business
- Add a label

Suggest an edit



Valley of Geysers



Сергей Краснощёков



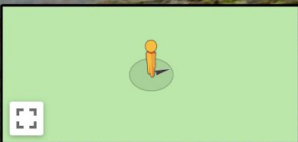
Street View - Jul 2011



Google



Image capture: Jul 2011 Images may be subject to copyright. United States Terms Report a problem



Search

Where is this?

Go



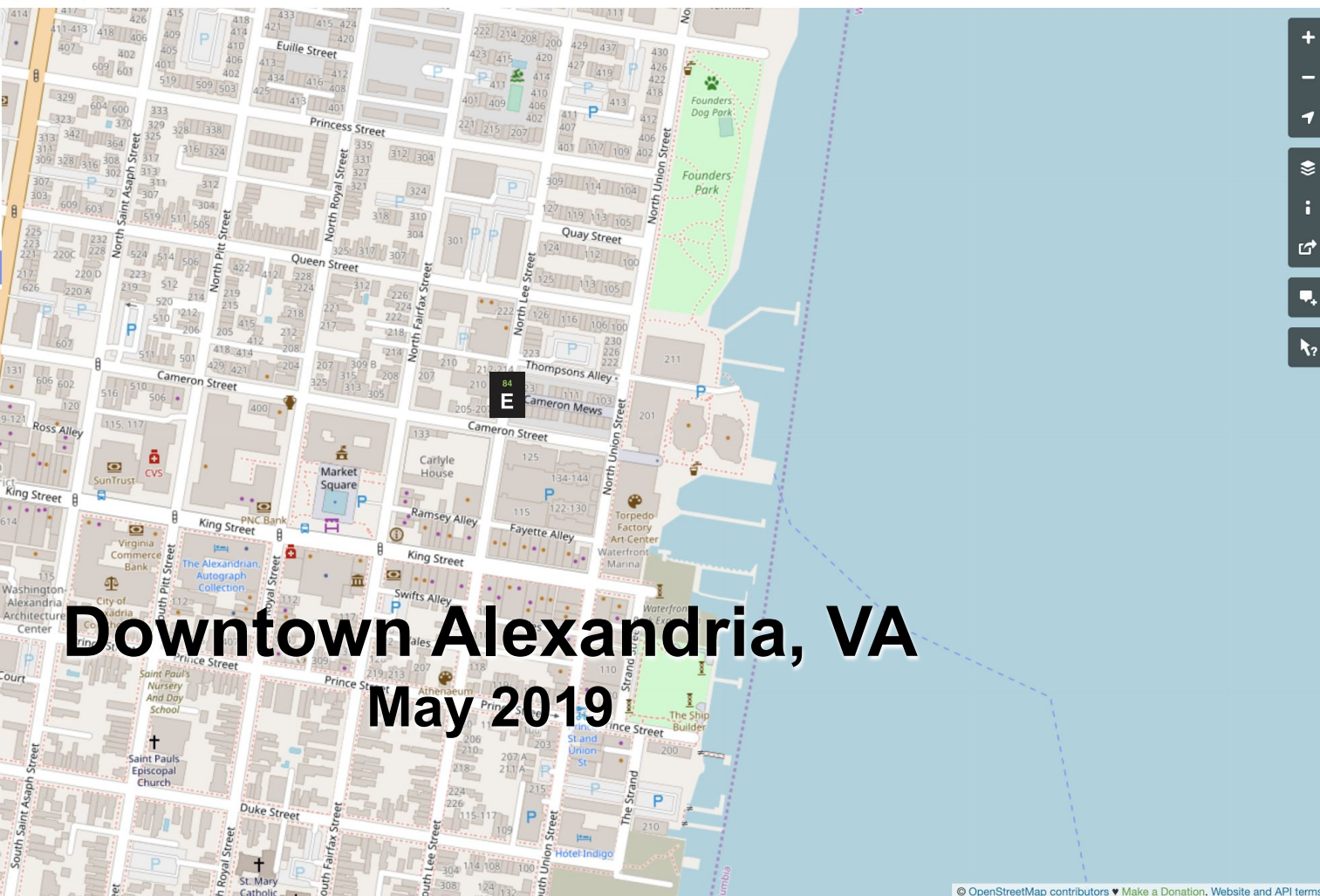
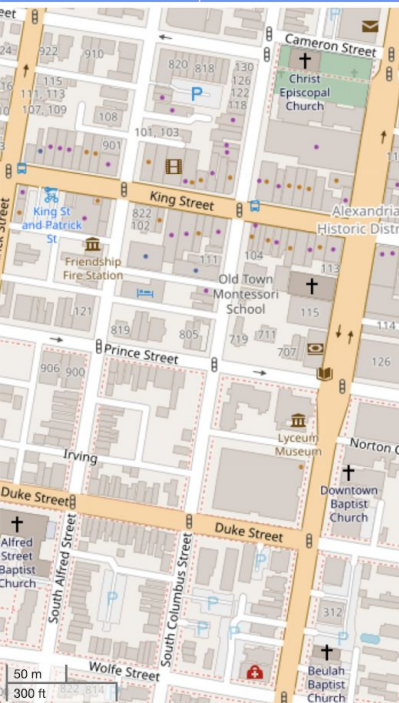
Welcome to OpenStreetMap!

OpenStreetMap is a map of the world, created by people like you and free to use under an open license.

Hosting is supported by [UCL](#), [Bytemark Hosting](#), and other [partners](#).

Learn More

Start Mapping



Downtown Alexandria, VA

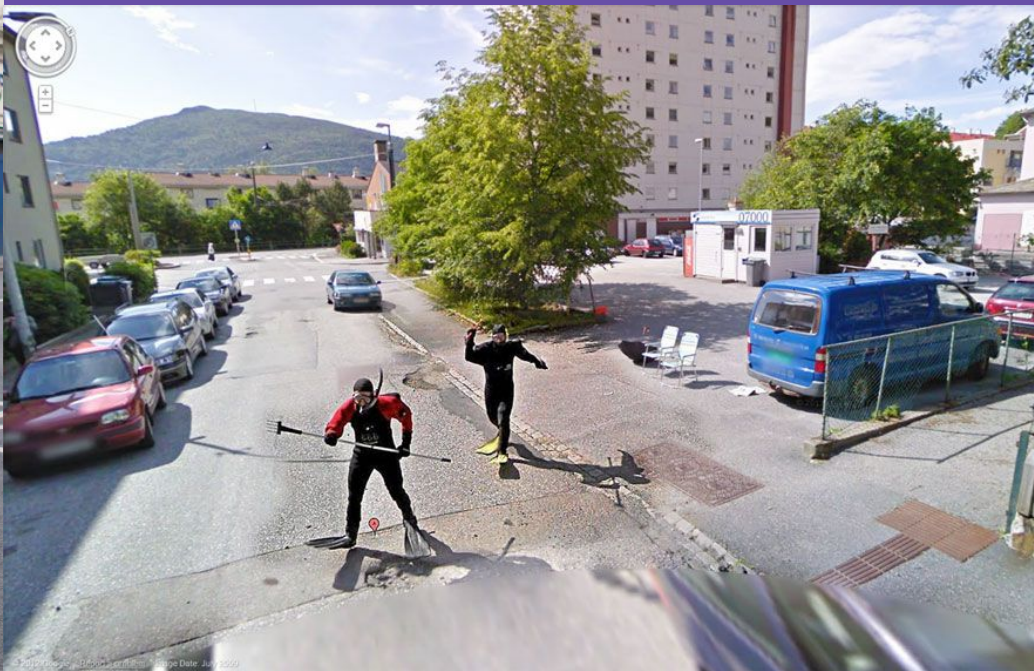
May 2019

**Where does this data
come from?**



**Scientists
Analysts**

Technology



You!





W. - OSM Colorado (D...
meetup.com



OSM Open Source Meetup - H...
facebook.com



Brian G. - OSM Colorado (D...
meetup.com



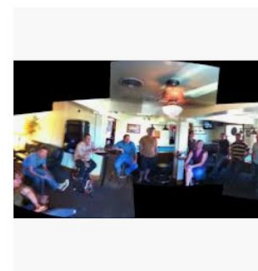
Hamza T. - OSM Colorado (...
meetup.com



Brian D. - OSM Southern Cal...
meetup.com



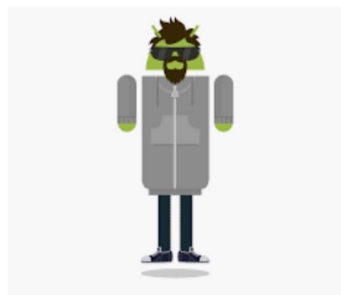
Bishrant - OSM Wyoming (L...
meetup.com



OSM Denver second meetup .
blog.openstreetmap.org



D. - OSM Colorado (Den...
meetup.com



Ben T. - OSM Colorado (Denver, CO) | ...
meetup.com



OSM MEETUP: SEATTLE — O...
onesecretmission.com



DAYA SHANKAR MAURYA)ft.#Prakhar ...
youtube.com



Muthu S. - OSM Colorado (D...
meetup.com



Sarah R. - OSM Colorado (Den...
meetup.com



W. - OSM Colorado (...
meetup.com



Josh P. - OSM Colorado (De...
meetup.com



doreen - OSM Southern Califo...
meetup.com



Maghri N. - OpenStreetMap In...
meetup.com



National Geographic at Azavea Office ...
azavea.com



OpenStreetMap Community MeetUp ...
openstreetmap.id

Search Where is this? Go

Unresolved note #1023857

Description

Nying Nyang Refugee Camp

Created by anonymous almost 2 years ago

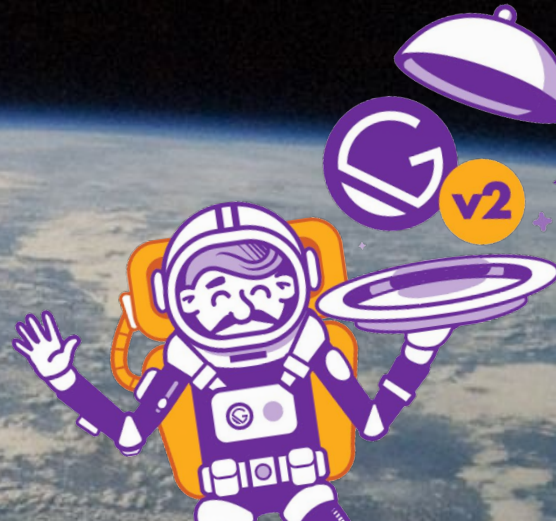
This note includes comments from anonymous users which should be independently verified.

Comment



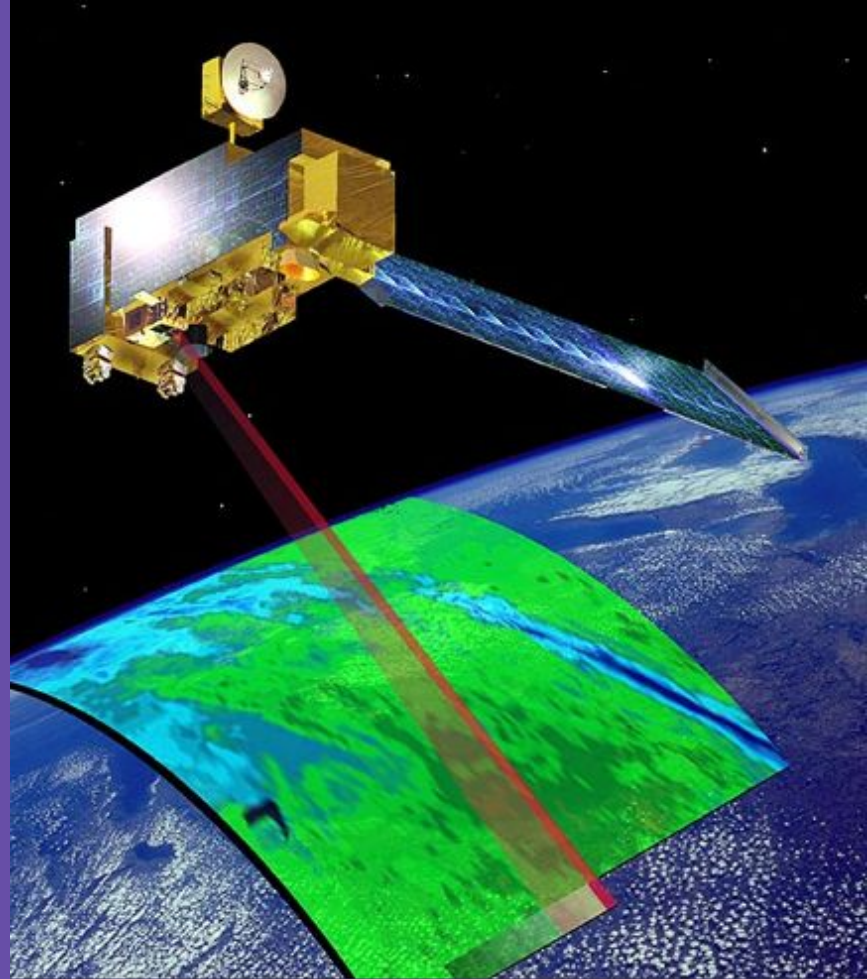
Border of South Sudan / Ethiopia

What About Space?



Satellites

High resolution imagery
of Earth



MODIS Terra, nasa.gov



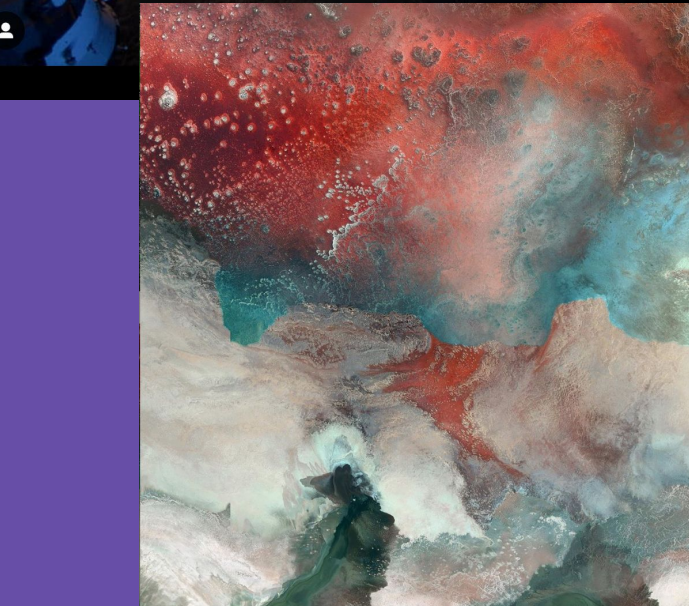


iss • Following

iss Get ready for another station pass tonight if you live in the eastern U.S. Conditions look good for skywatching on a clear night from Florida to Maine. Find station sighting opportunities for your hometown by visiting the link in the profile. #nasa #unitedstates #earth #international #space

1w

102,040 likes



dailyoverview • Following

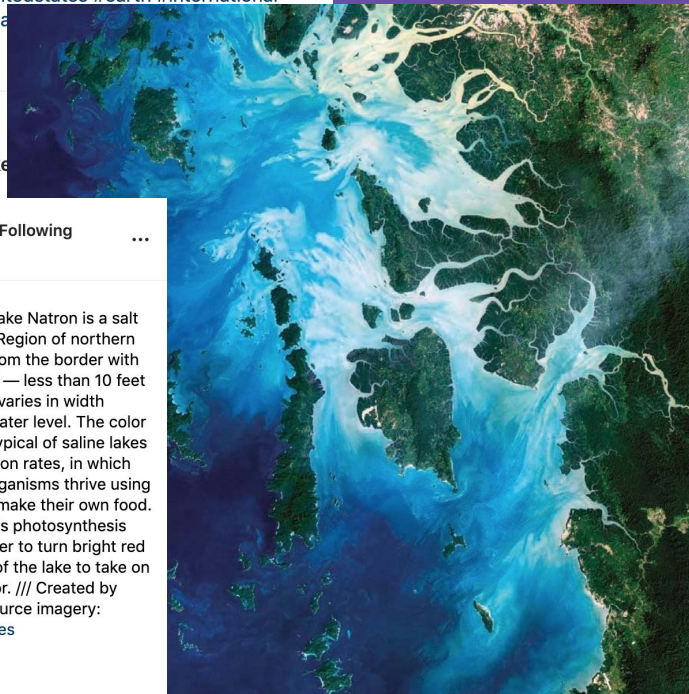
Lake Natron

dailyoverview Lake Natron is a salt lake in the Arusha Region of northern Tanzania, not far from the border with Kenya. It is shallow — less than 10 feet (3 m) deep — and varies in width depending on its water level. The color of Lake Natron is typical of saline lakes with high evaporation rates, in which salt-loving microorganisms thrive using photosynthesis to make their own food. A by-product of this photosynthesis causes deeper water to turn bright red and shallow parts of the lake to take on a rusty orange color. /// Created by @dailyoverview, source imagery: @maxartechologies

6d

dailyoverview #dailyoverview

15,225 likes



nasaearth • Follow

Mergui Archipelago

people, known as the Moken, still live in the archipelago home and most follow a hunter-gatherer lifestyle. The small population of the archipelago has helped preserve its high diversity of plants and animals, making it a compelling travel spot for ecotourists both above and below the water.

In this view of Auckland Bay and the surrounding Bay, white swirling patterns in the shore waters are sediments that have been carried out by rivers and deposited on the seafloor.

This natural-color image was acquired by Landsat 5 on December 14, 2013.

This image is one of the featured satellite images in our new book "Earth." Check out more beautiful

13,726 likes

FEBRUARY 21

Add a comment...

More than driving directions, saving the world...

Climate Change

Disaster Response

Farming

Public Health

Tons of other Scientific Research



OVERLAYS

- Place Labels
© OpenStreetMap contributors, Natural Earth
- Coastlines / Borders / Roads
© OpenStreetMap contributors, Natural Earth
- Coastlines
© OpenStreetMap contributors

BASE LAYERS

- Corrected Reflectance (True Color)
Suomi NPP / VIIRS
- Corrected Reflectance (True Color)
Aqua / MODIS
- Corrected Reflectance (True Color)
Terra / MODIS

+ Add Layers Start Comparison

Tropical Cyclone Idai (March 2019)

On 14 March 2019, Tropical Cyclone Idai hit the shores of Mozambique. This storm brought rain, strong winds, flooding and storm surge damage in Mozambique, and caused landslides in Zimbabwe.

Step 1/9

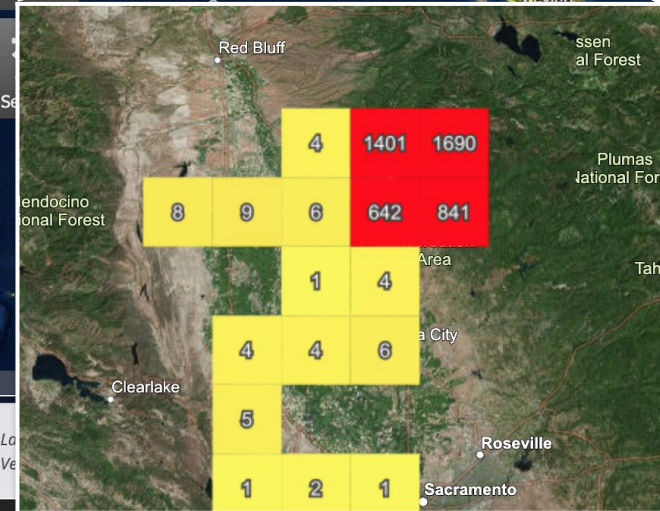
Tropical Cyclone Idai

March 2019



Lat: 9.053°, Lon: -103.447° Fires: 2018-11-07 .. 2018-11-23

- Fire Map
- Active Fire Data
- Fire Alerts
- Archive Download



Active Fires Nov 8-25, 2018

Quick View

Advanced

Burned Area

2018-11-07 - 2018-11-23

Grids

Points

☒ auto switch

☒ VIIRS

☒ show labels when available

1 fire count 100+

[+ Show fire count histogram](#)

Satellite Imagery

2018-11-07

☐ VIIRS Corrected Reflectance (true color)

☐ VIIRS Corrected Reflectance (bands M11-I2-I1)

☐ MODIS/Aqua Surface Reflectance Bands 721

☐ MODIS/Aqua Corrected Reflectance (true color)

☐ MODIS/Terra Surface Reflectance Bands 721

☐ MODIS/Terra Corrected Reflectance (true color)

Orbit Tracks

☐ VIIRS (Asc)

☐ VIIRS (Desc)

☐ MODIS/Aqua (Asc)



IDENTIFY



BASEMAPS



OVERLAYS



MAXIMIZE



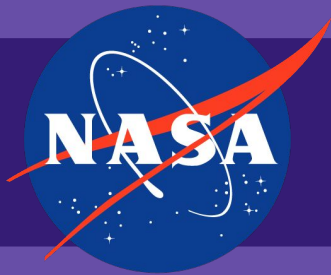
SHARE



HELP



Who's mapping?



Study of Earth Imagery & Much More

<https://worldview.earthdata.nasa.gov/>
<https://firms.modaps.eosdis.nasa.gov/map/>



**World Health
Organization**

Air Pollution, Biological Threats, etc

<http://maps.who.int/mapgallery/>
<https://maps.who.int/airpollution/>



Earthquakes, Topography

<https://earthquake.usgs.gov/earthquakes/map/>
<https://www.usgs.gov/products/maps/topo-maps>



Weather, Disasters

<https://maps.redcross.org>



**Humanitarian
OpenStreetMap
Team**

Humanitarian Aid (Disasters, Refugees, etc)

<https://www.hotosm.org/>
<https://www.hotosm.org/updates/interactive-maps/>



Food Access

<https://www.ers.usda.gov/data-products/food-access-research-atlas/go-to-the-atlas.aspx>

So, Gatsby?



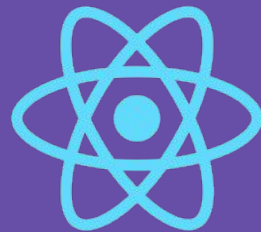
Tooling...

...is hard

...takes time

...is always changing

...is generally a pain



Focus on the important bits!

Build a map, not a front end

Gatsby Starter Leaflet

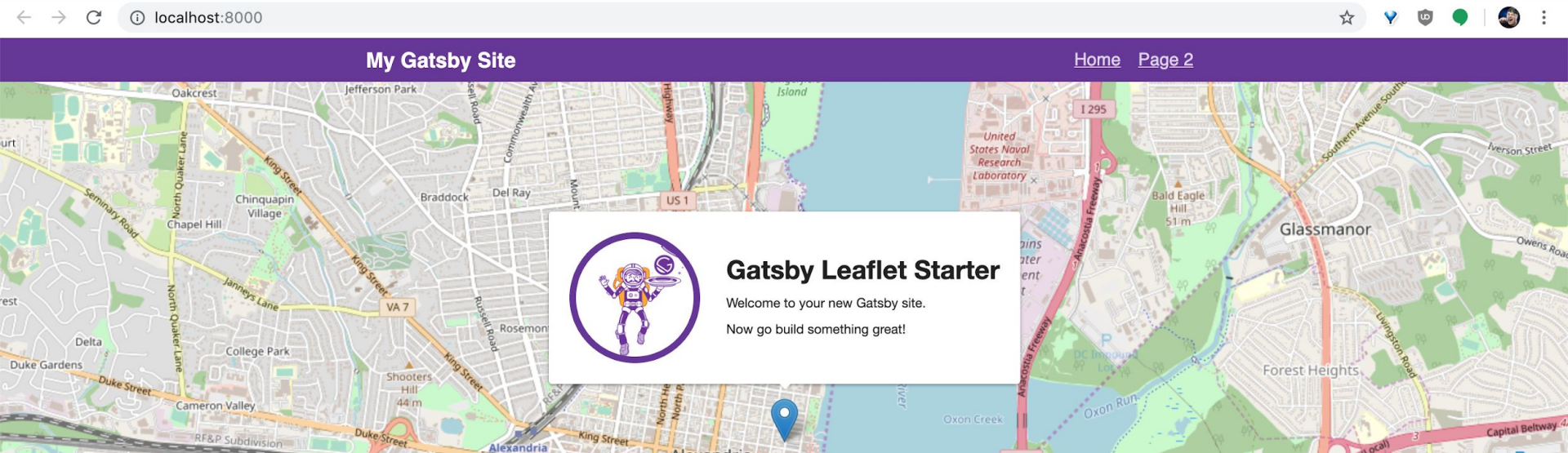
```
→ Code gatsby new my-map-project git@github.com:colbyfayock/gatsby-starter-leaflet.git  
info Creating new site from git: git://github.com/colbyfayock/gatsby-starter-leaflet.git
```

```
→ my-map-project yarn develop
```

You can now view `gatsby-starter-leaflet` in the browser.

`http://localhost:8000/`

< npm 💣💥
< gatsby 🎁🎉



montes claros mg



Montes Claros, MG - Brazil



Search



Himalayas

Questions?

How do you use maps?

Gatsby Leaflet Starter

<https://github.com/colbyfayock/gatsby-starter-leaflet>

Leaflet

<https://leafletjs.com>

React Leaflet

<https://react-leaflet.js.org>

OpenStreetMap (OSM)

<https://www.openstreetmap.org/>

OSM Stats

<https://osmstats.neis-one.org>