



Elastic loves maps

GeoMob 16th September 2020

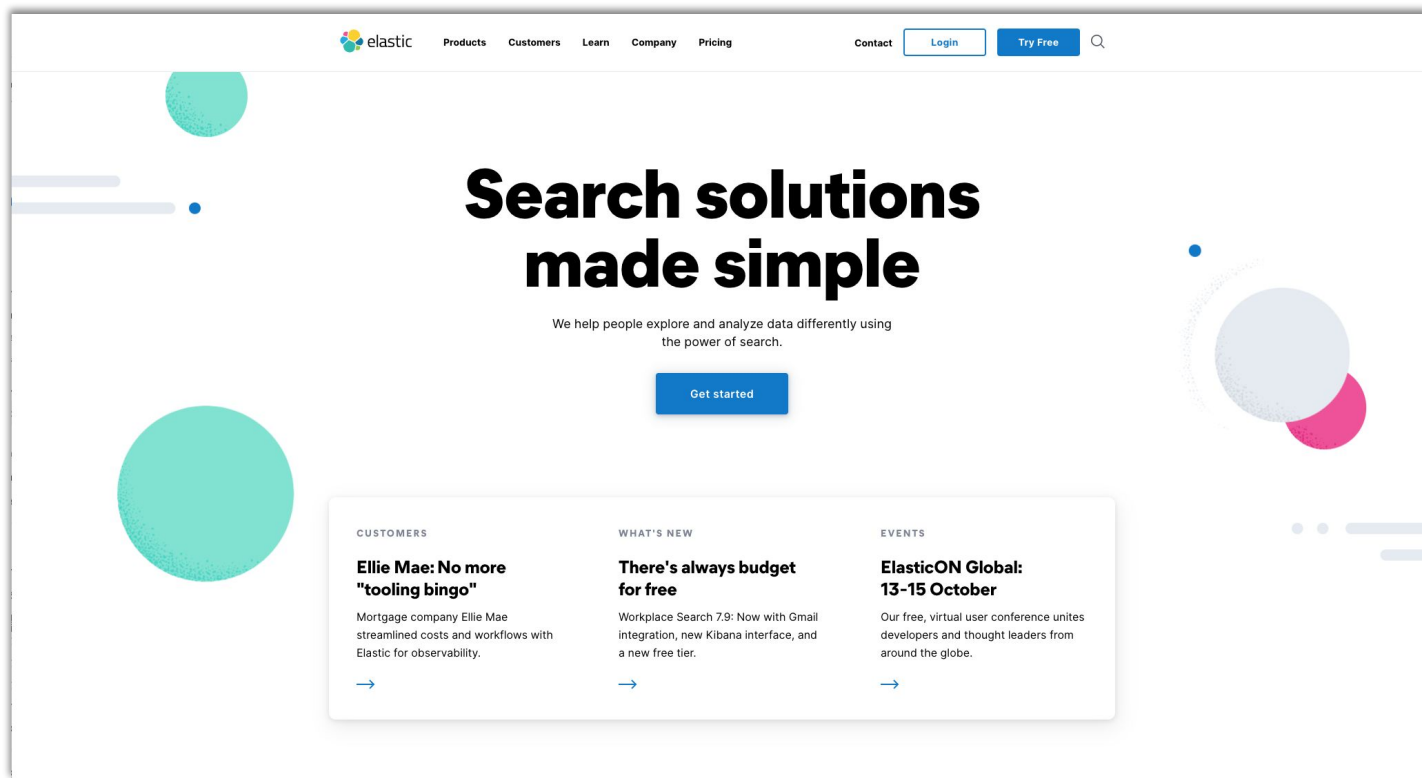
<https://ela.st/geomob-sept-2020>

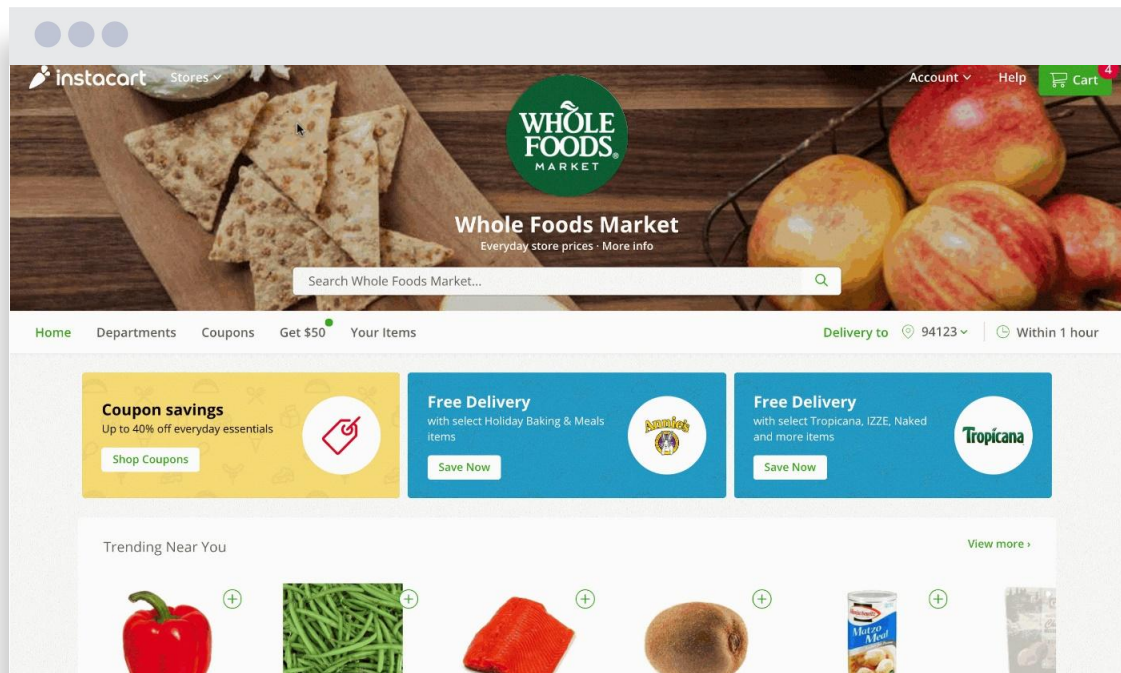
Jennifer Allen, Maps Team Lead | [@sjen](#)
Jorge Sanz, Principal Engineer | [@xurxosanz](#)

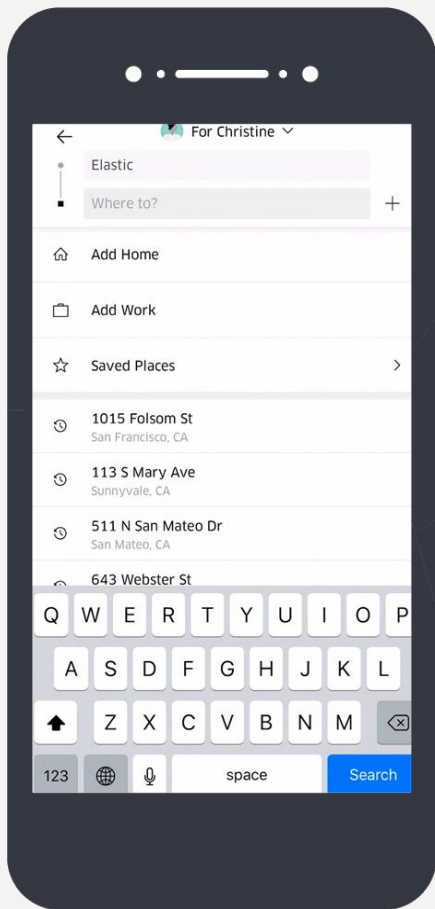


Elastic?

We're a search company





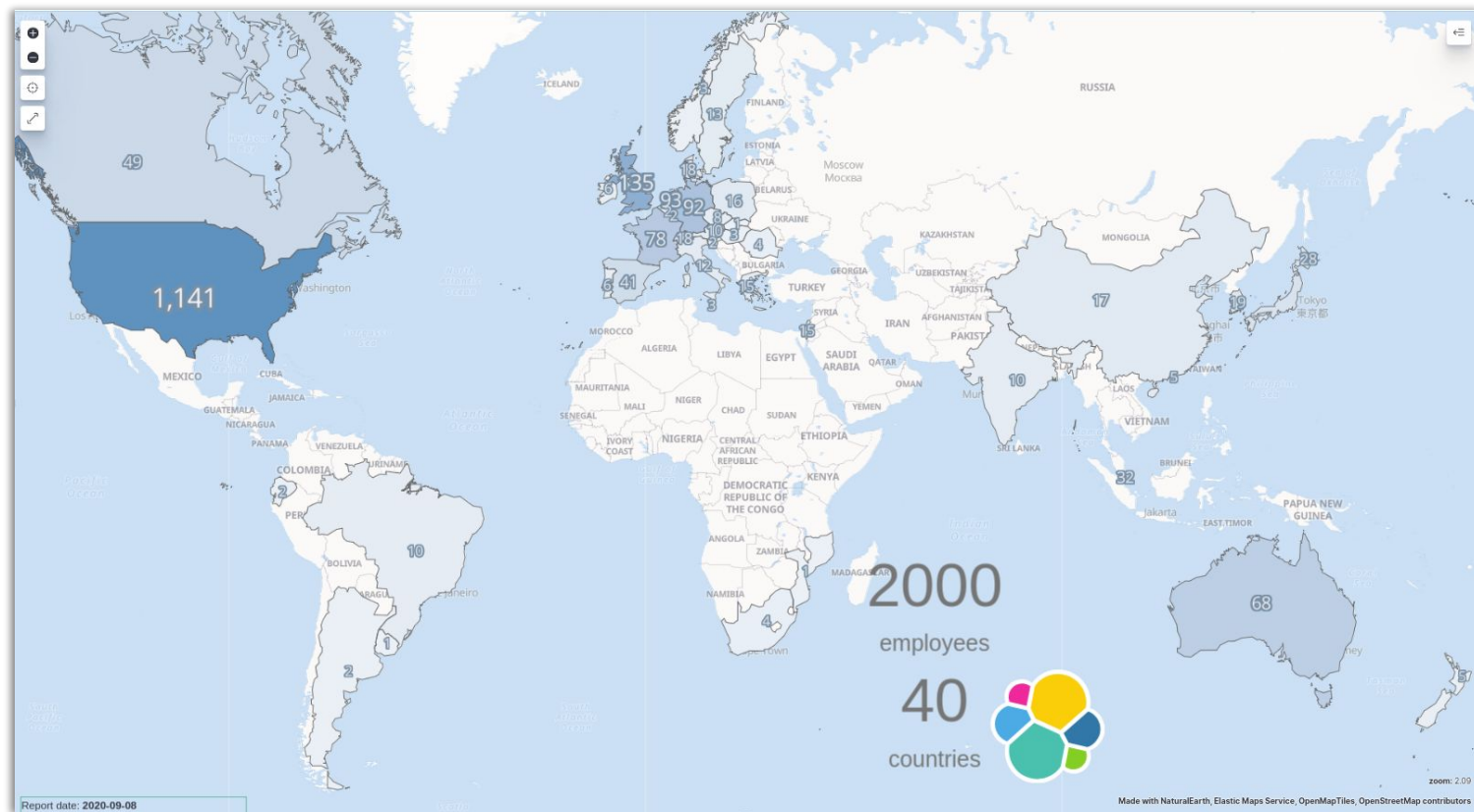


Searching for **Rides**



*We mine and analyze
4 billion events every
day to detect security
hacks and threats.*

A search company with a distributed global reach



A global company with a *source code*



OUR SOURCE CODE

These are some of the things that make Elastic, Elastic.

They are a set of ideas rather than a statement of values. Some are accurate to who we are while others are aspirational.

They are reminders that keep us steadfast because we're not perfect, we're human.

Home, Dinner

There is no such thing as work-life balance. We are successful if we find balance in life. Elastic empowers you with the flexibility to do so. Be home for dinner, go for a run today, care for a sick child, or visit a parent.

Finding balance means being more innovative and efficient at work. Which makes for a better Elastic.



IT, Depends

It's pretty complicated to make some things simple, and even more complicated to make other things possible. We embrace and value the knowledge required to do both.

When a question is asked, buckle up. SMH is about to get real. Your journey will likely start with "It depends."



HUMBLE, Ambitious

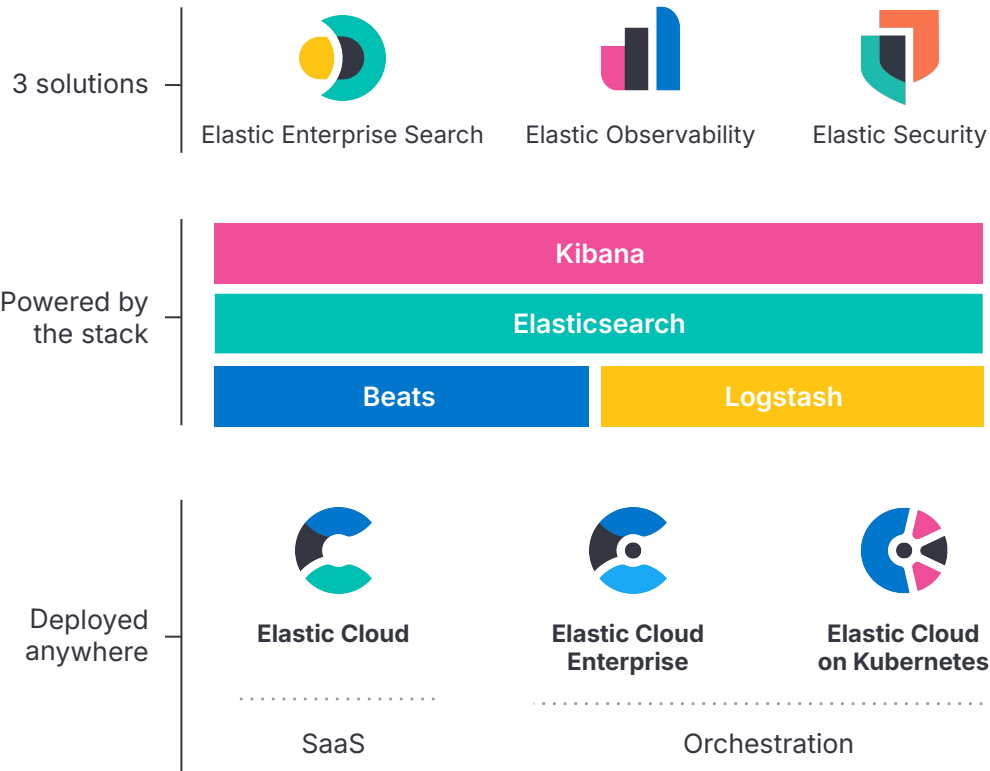
Ambition drives us to challenge ourselves and the people around us to do better. It is not an excuse to be an asshole.

Be humble. Be ambitious. At Elastic, we are both.



**So Elasticsearch, Kibana?
Where are the maps?**

Deploy anywhere.



Please talk about maps
No, show some maps



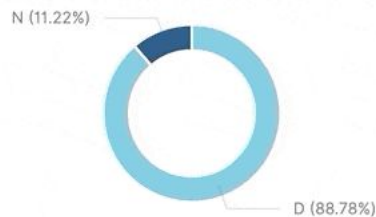
+ Add filter

Total fires
312.01k
Anomalies 83

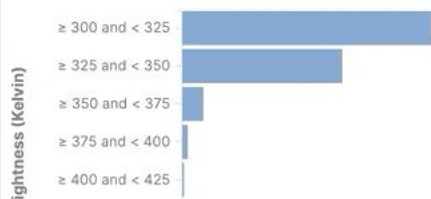
Fire Count with Anomalies



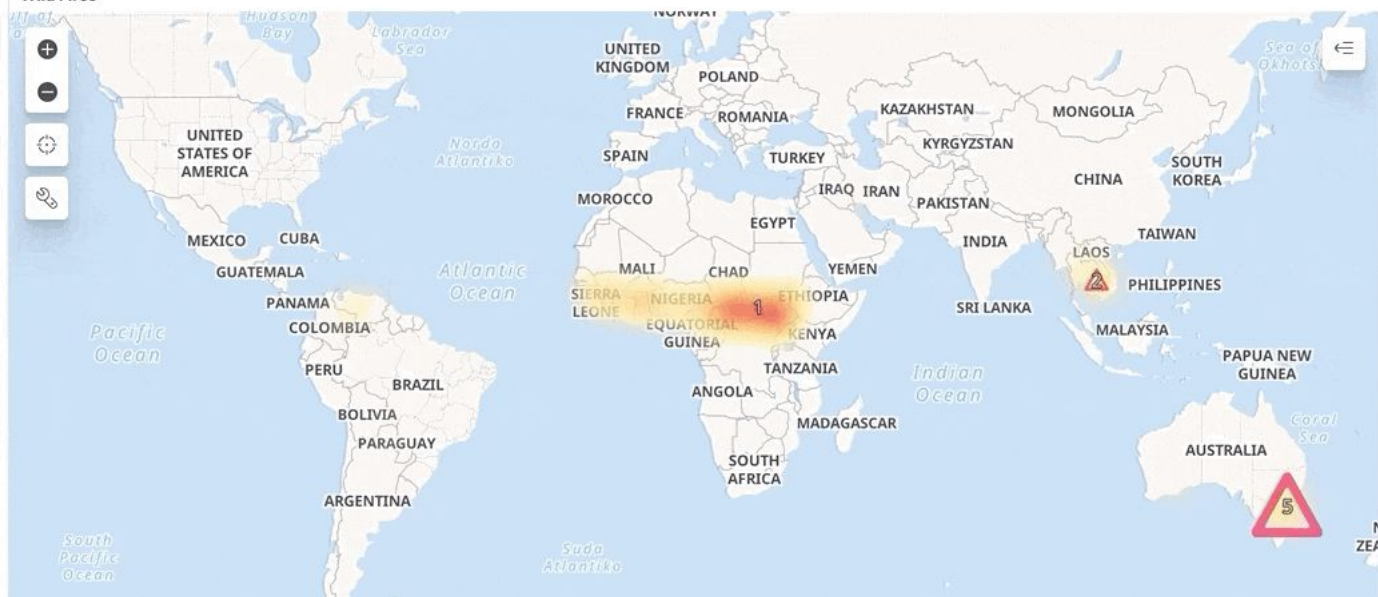
Day / Night



Brightness

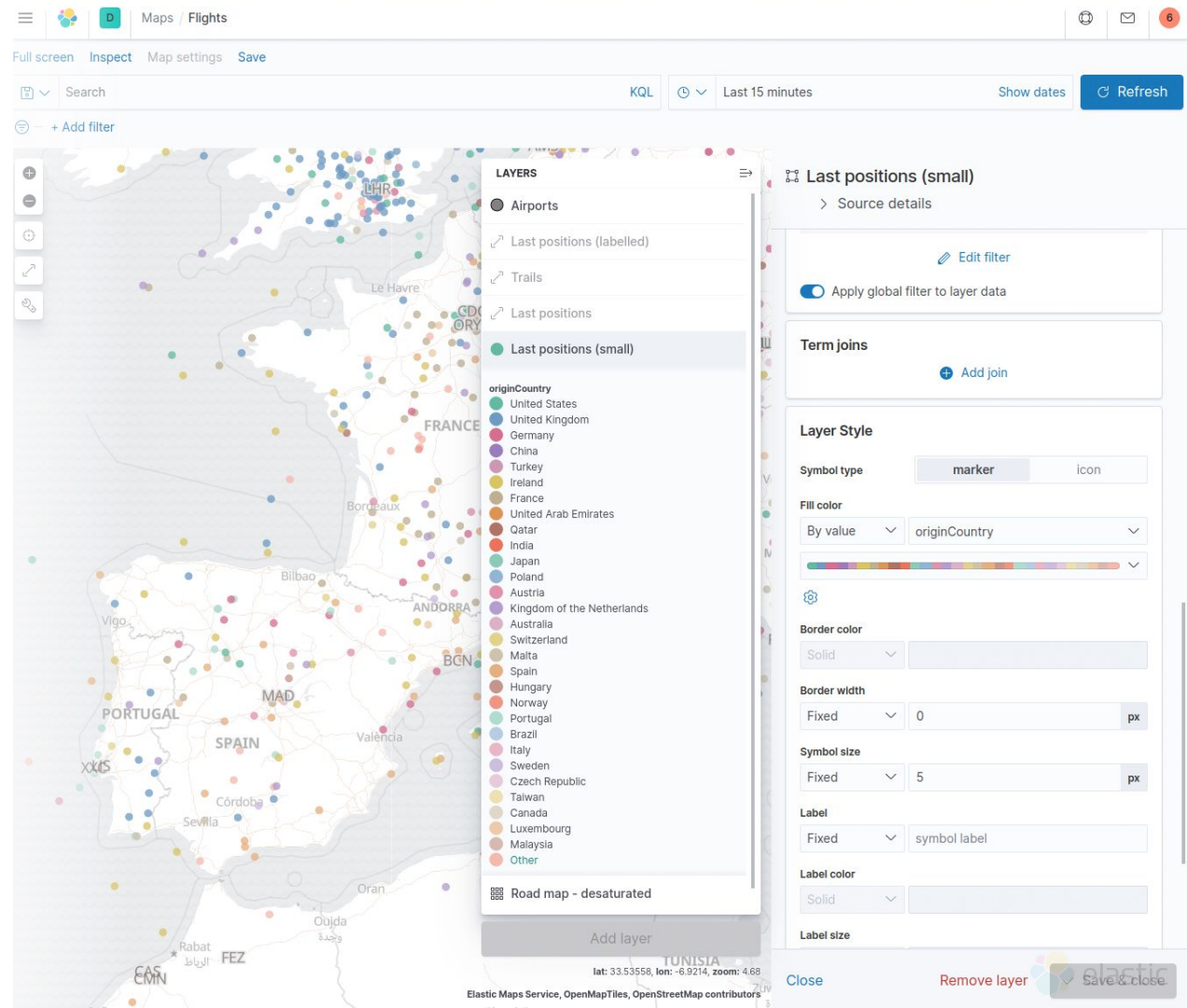


Wild Fires



Elastic Maps

- Elastic Maps provides a visualisation onto your geographic data in Elasticsearch
- There are three things to take note of:
 - Kibana
 - Maps App
 - Elastic Maps Service
- A steady progress in adding and improving features



Elastic Maps Service

maps.elastic.co/#file/world_countries

Elastic Maps Service

elastic.co

Tile Layers

Road map

Road map - dark

Vector Layers

World Countries

Administrative regions

Albania Counties

Andorra Parishes

Argentina Provinces

Australia States

Austria States

Belarus Regions

Belgium Provinces

Belgium Regions

Bolivia Departments

Bosnia and Herzegovina...

Brazil States

Bulgaria Provinces

Canada Provinces

Chile Regions

China Provinces

Colombia Departments

Croatia Counties

Czechia Regions

Denmark Regions

Ecuador Provinces

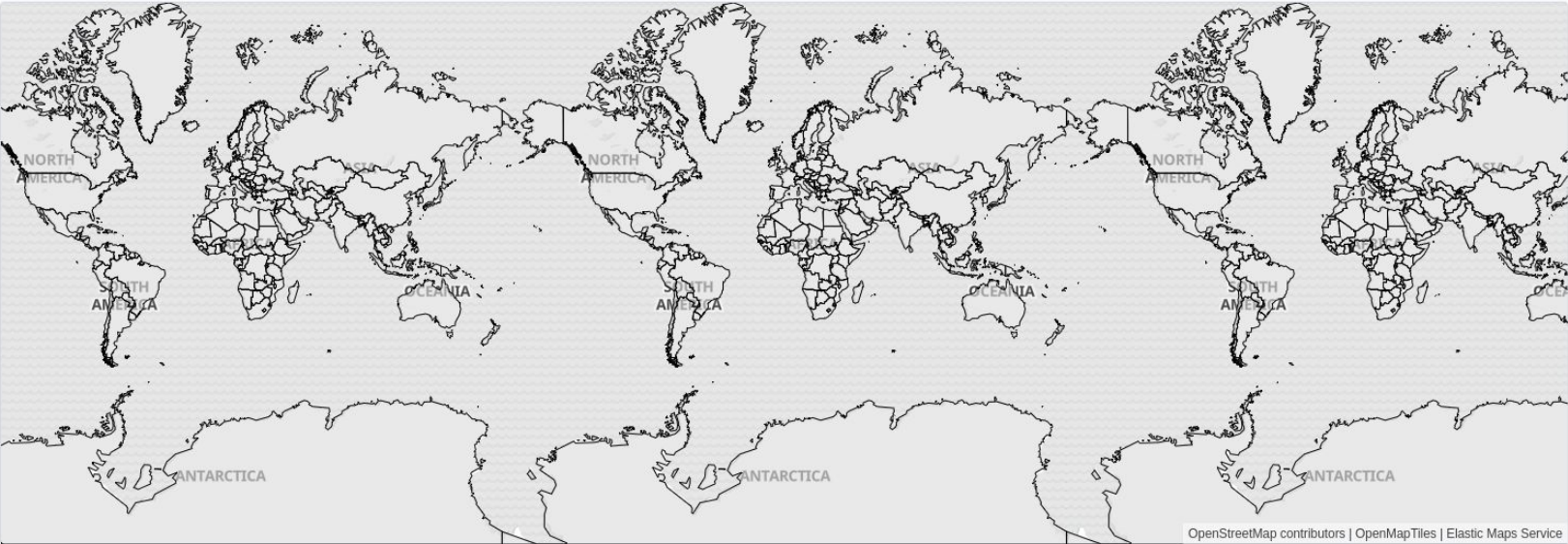
Estonia Counties

Finland Regions

France Departments

Germany States

Greece Regions



OpenStreetMap contributors | OpenMapTiles | Elastic Maps Service

World Countries

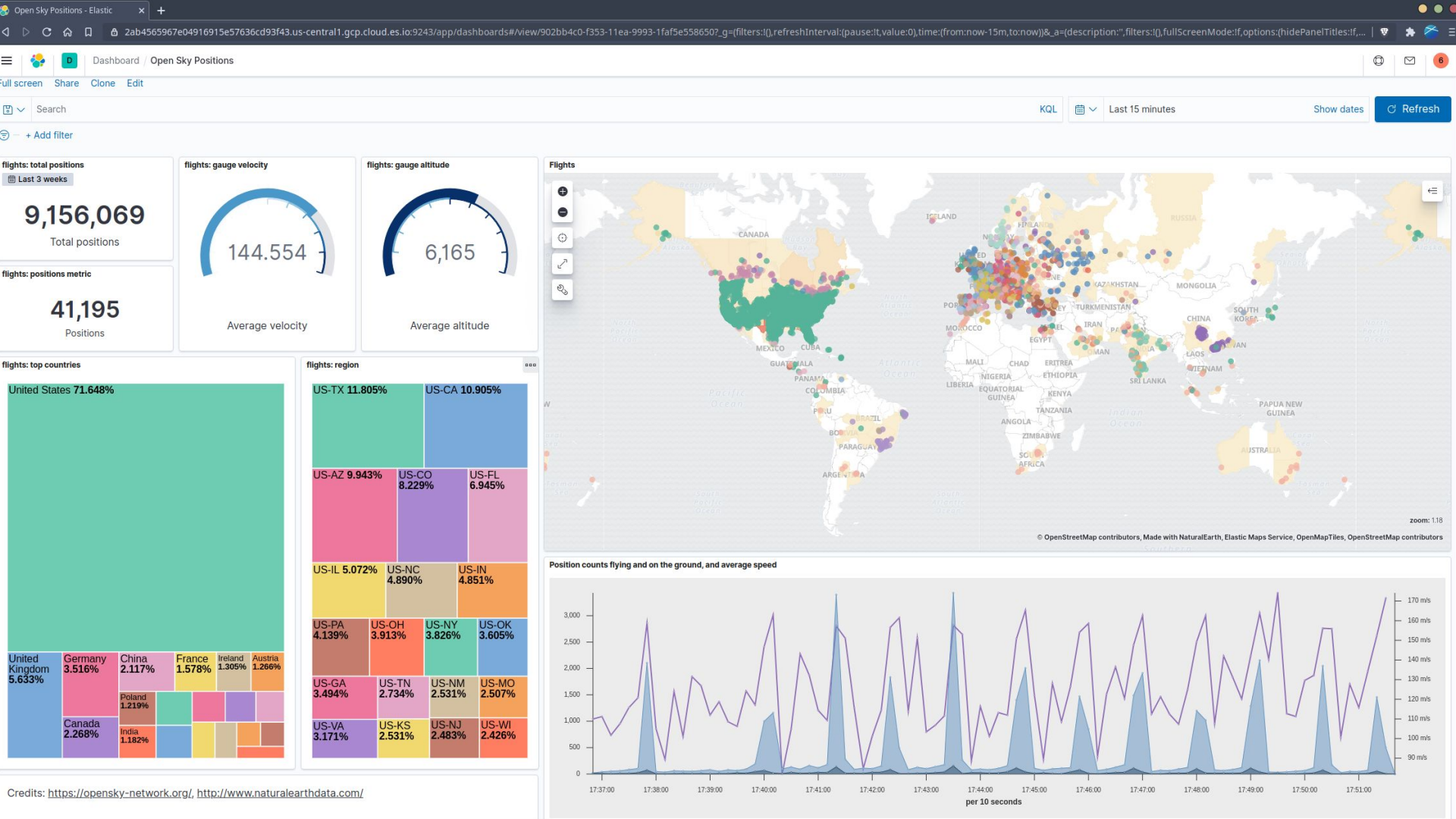
Made with NaturalEarth | Elastic Maps Service

Search...

Download GeoJSON

ISO 3166-1 alpha-2 code (iso2)	ISO 3166-1 alpha-3 code (iso3)	name (name)
AG	ATG	Antigua and Barbuda
DZ	DZA	Algeria
AZ	AZE	Azerbaijan

Demo



References

Check out these links

We'd be very happy for you to have a look

- [Elastic.co](https://www.elastic.co/elasticsearch/global) - <https://www.elastic.co/elasticsearch/global>
- ❤️ Source Code
<https://www.elastic.co/about/our-source-code>
- 🧑 Use Elastic for free for 14 days
<https://www.elastic.co/cloud/elasticsearch-service/signup>
- 📖 Read the Elastic Maps documentation
<https://www.elastic.co/guide/en/kibana/current/maps.html>
<https://www.elastic.co/guide/en/kibana/current/maps-getting-started.html>
- 🌐 Have a look at the Elastic Maps Service (EMS)
https://maps.elastic.co/#file/world_countries
- 📖 Interesting blog posts
<https://www.elastic.co/blog/how-to-ingest-geospatial-data-into-elasticsearch-with-gdal>
<https://www.elastic.co/blog/bring-new-insights-to-your-ip-analytics-with-a-global-administrative-layer-in-elastic-maps>
<https://www.elastic.co/blog/bkd-backed-geo-shapes-in-elasticsearch-precision-efficiency-speed>
- 🎧 Recordings
Webinar: <https://www.elastic.co/webinars/using-the-elastic-stack-for-geospatial-analytics>
SoTM US 2019 talk: <https://www.youtube.com/watch?v=785iVTSRCMk>
Kibana hidden features: <https://www.youtube.com/watch?v=czpbxtcyipo>



elastic



ElasticON

Elastic's Global Virtual Conference

13th to 15th October 2020

Free

Map Session 14th and 15th

elastic.co/elasticon/global



Thank you!

<https://ela.st/geomob-sept-2020>

Jenny & Jorge