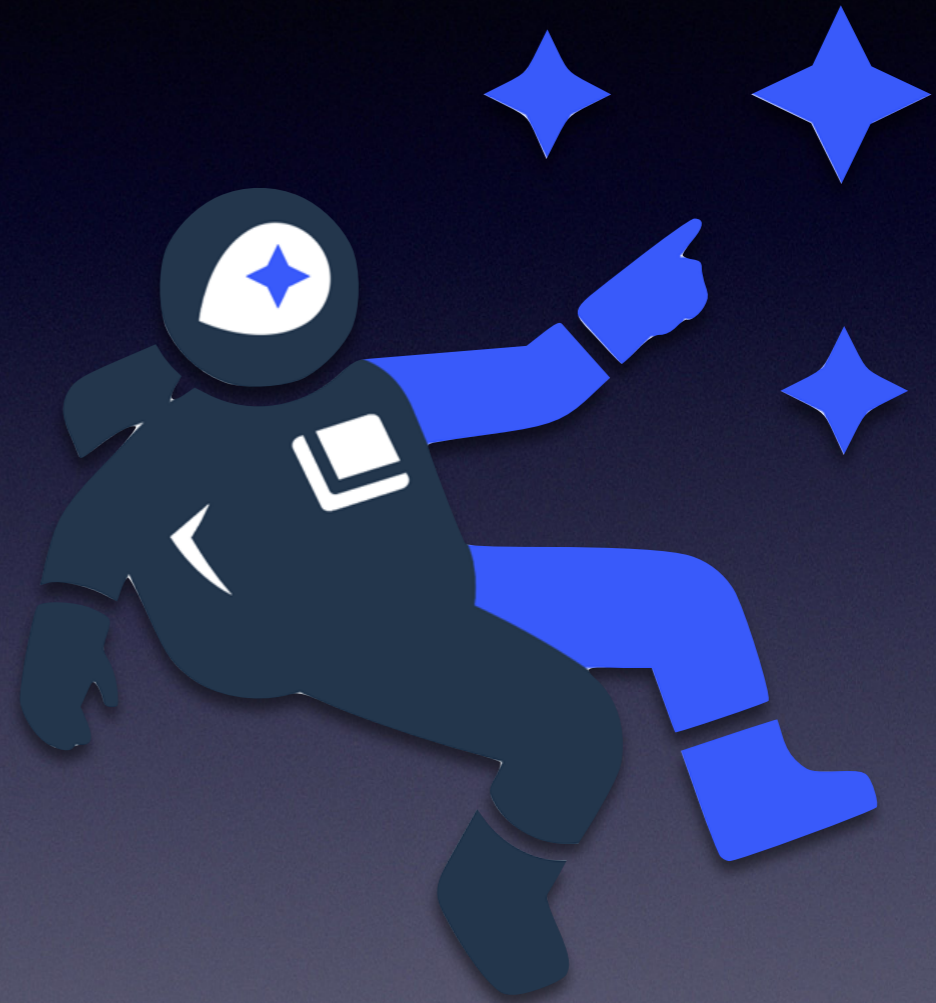


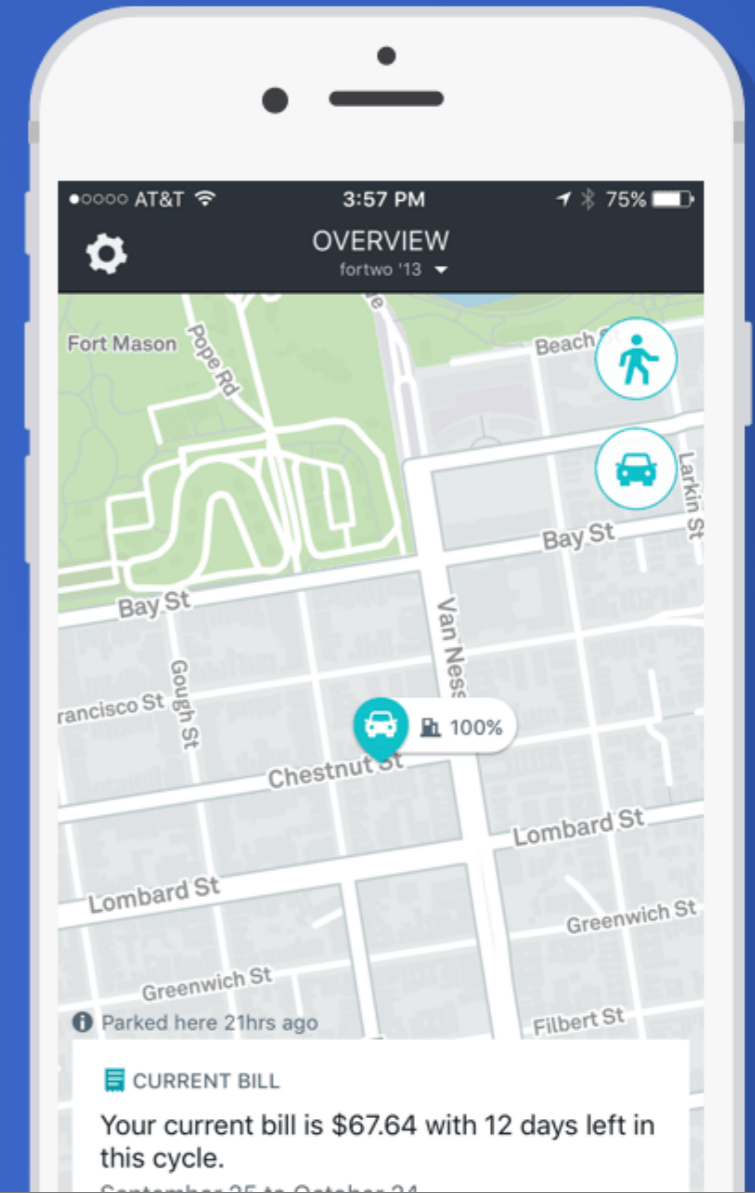
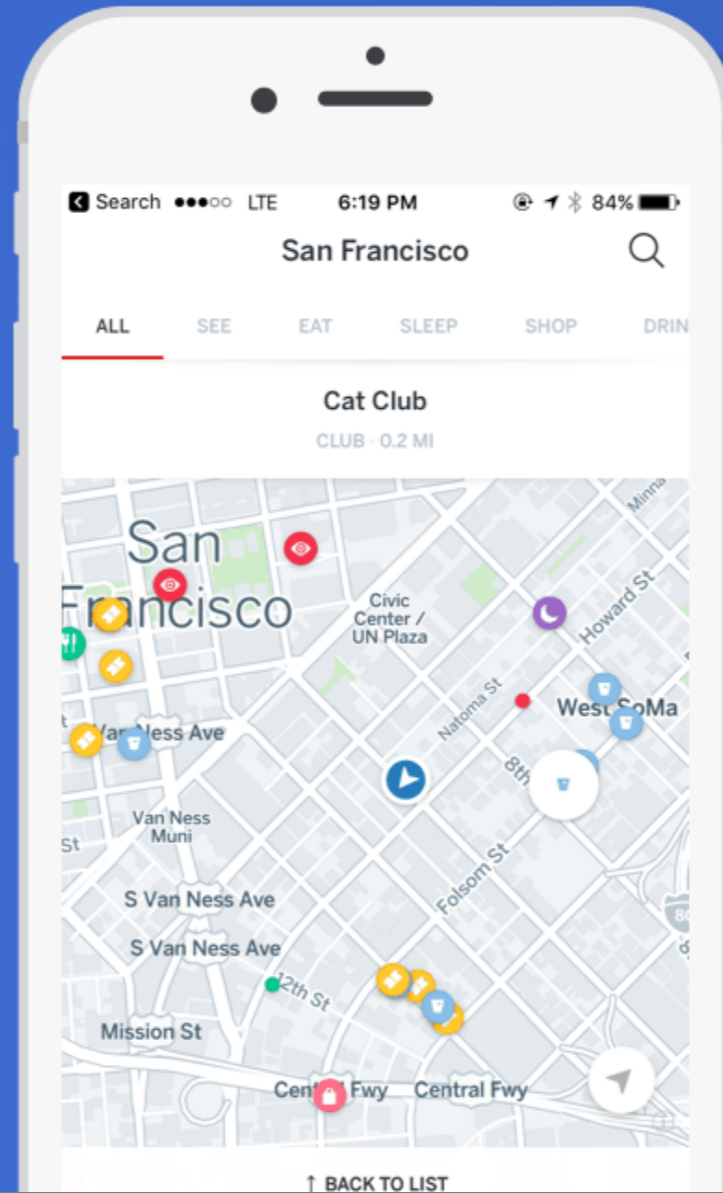
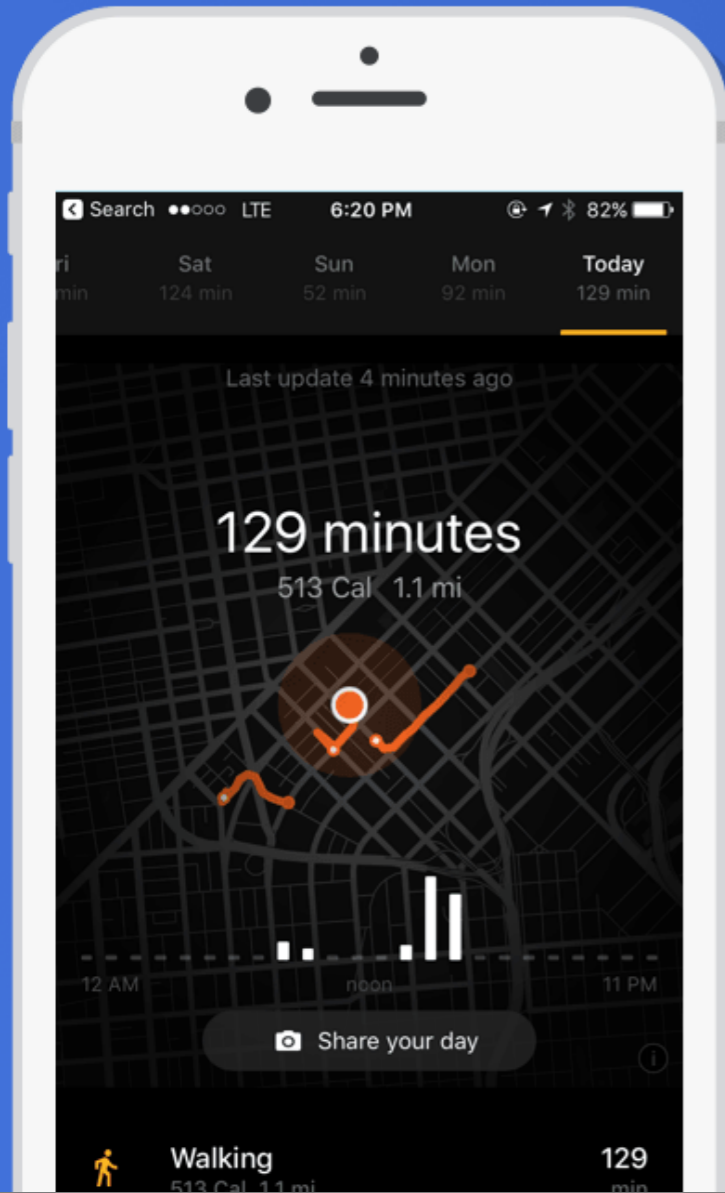
Mapbox for iOS

AltConf '17



Introductions

Demos





Portland's Buildings

Weinhard Brewery Complex

1906

Mapbox



Portland's Buildings

Weinhard
Brewery Complex

1921

Mapbox



Questions For You

Lab Overview

- Signup for Mapbox & get a token
- Download & install SDK
- Basic map view
- User location
- Bundled styles
- Basic annotations & camera
- Studio, layers, and sources
- Map view delegate & querying layers
- Runtime styling

mapbox.com/signup

mapbox.com/ios-sdk

Framework Install

1. Download file & unzip
2. Drag **Mapbox.framework**
3. Add script build phase
4. Add access token to **Info.plist**

MGLMapboxAccessToken

MGLMapView

`CLLocationWhenInUseUsageDescription`


```
showsUserLocation = true  
&  
userTrackingMode = .follow
```


**MGLStyle &
MGLStyleURL**

MGLAnnotation

MGLMapViewDelegate

MGLMapCamera

Mapbox Studio

Cognos

Publish

+ New layer

Country labels 3 layers

State labels 3 layers

Marine labels 6 layers

City labels 5 layers

place-islands

place-town

place-village

place-hamlet

place-suburb

place-neighbourhood

place-islets-archipelago-aboriginal

airport-label

POI labels (scalerank 1) 2 layers

Water labels 1 layer

POI labels (scalerank 2) 2 layers

Road labels 3 layers

POI labels (scalerank 3) 2 layers

waterway-label

Admin boundaries 5 layers

Bridges 34 layers

Roads 27 layers

Tunnels 24 layers

building

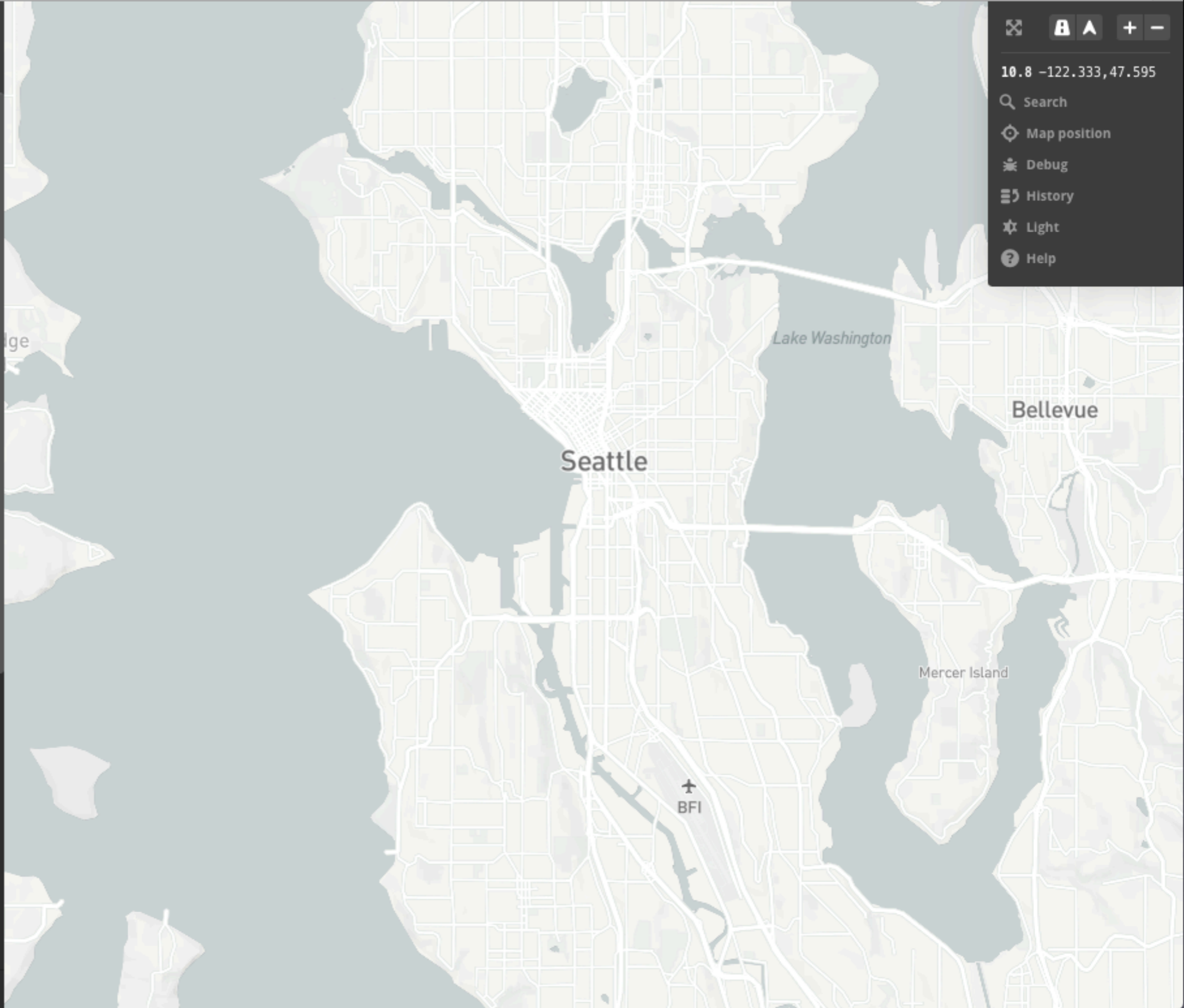
Aeroways 3 layers

barrier_line-land-line

barrier_line-land-polygon

water

Properties



10.8 -122.333,47.595

Search

Map position

Debug

History

Light

Help

Cognos

Publish

+ New layer

Country labels 3 layers

State labels 3 layers

Marine labels 6 layers

City labels 5 layers

place-islands

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airport-label

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waterway-label

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building

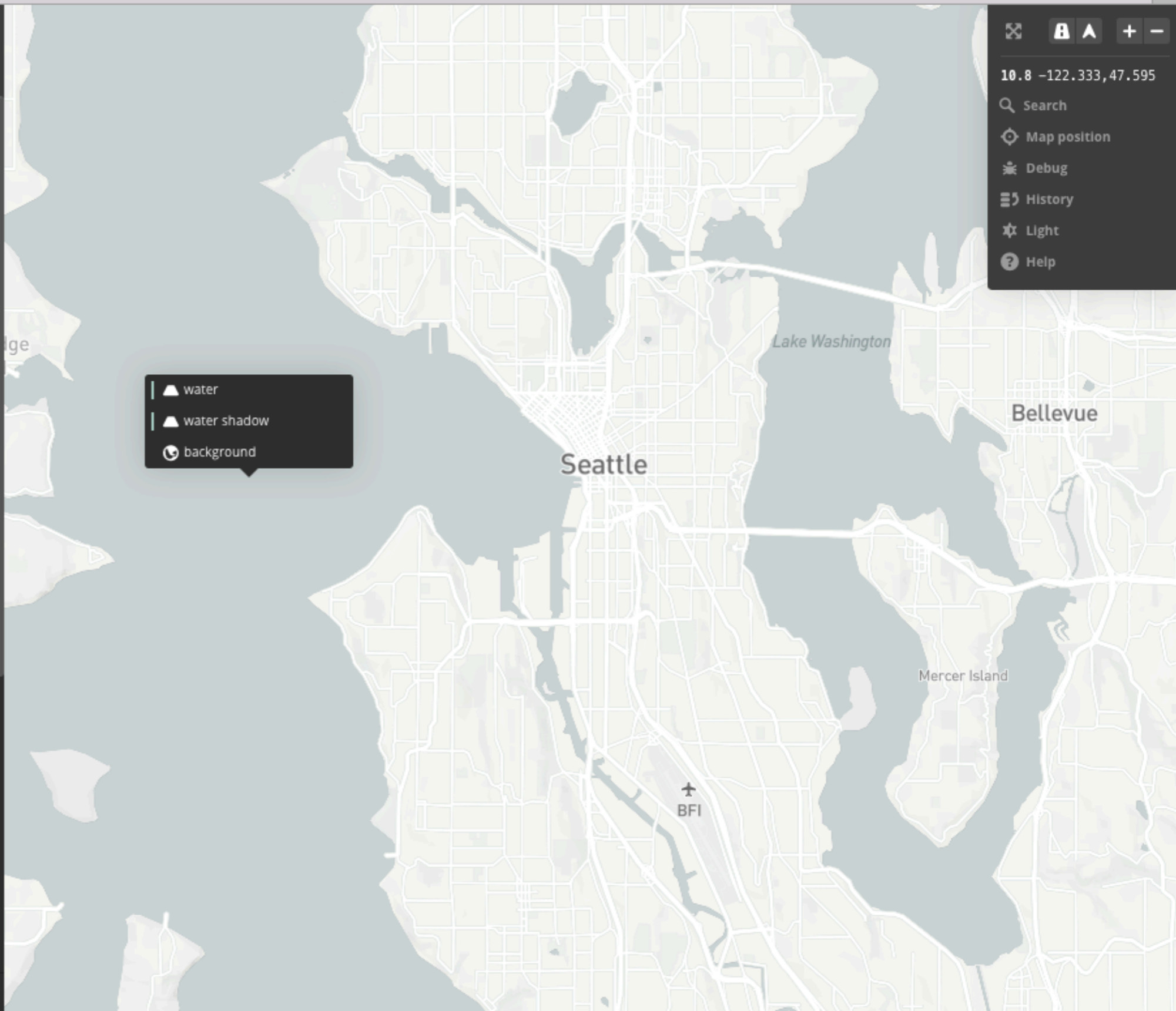
Aeroways 3 layers

barrier_line-land-line

barrier_line-land-polygon

water

Properties



Map controls: search, map position, debug, history, light, help

10.8 -122.333, 47.595

Search

Map position

Debug

History

Light

Help

- water
- water shadow
- background

Seattle

Lake Washington

Bellevue

Mercer Island

BFI

Cognos

Publish

+ New layer

- Country labels 3 layers
- State labels 3 layers
- Marine labels 6 layers
- City labels 5 layers
- place-islands
- place-town
- place-village
- place-hamlet
- place-suburb
- place-neighbourhood
- place-islets-archipelago-aboriginal
- airport-label
- POI labels (scalerank 1) 2 layers
- Water labels 1 layer
- POI labels (scalerank 2) 2 layers
- Road labels 3 layers
- POI labels (scalerank 3) 2 layers
- waterway-label
- Admin boundaries 5 layers
- Bridges 34 layers
- Roads 27 layers
- Tunnels 24 layers
- building
- Aeroways 3 layers
- barrier_line-land-line
- barrier_line-land-polygon
- water

water

Style Select data

Basics

Color hsl(185, 9%, 81%)

Pattern none

Opacity 1

Antialias

1px stroke hsl(185, 9%, 81%)

Translate 0 px x

0 px y

Translate anchor

Edit Values

RGB HSV

H 185

S 4

V 83

α 100

10.8 -122.333, 47.595

Search

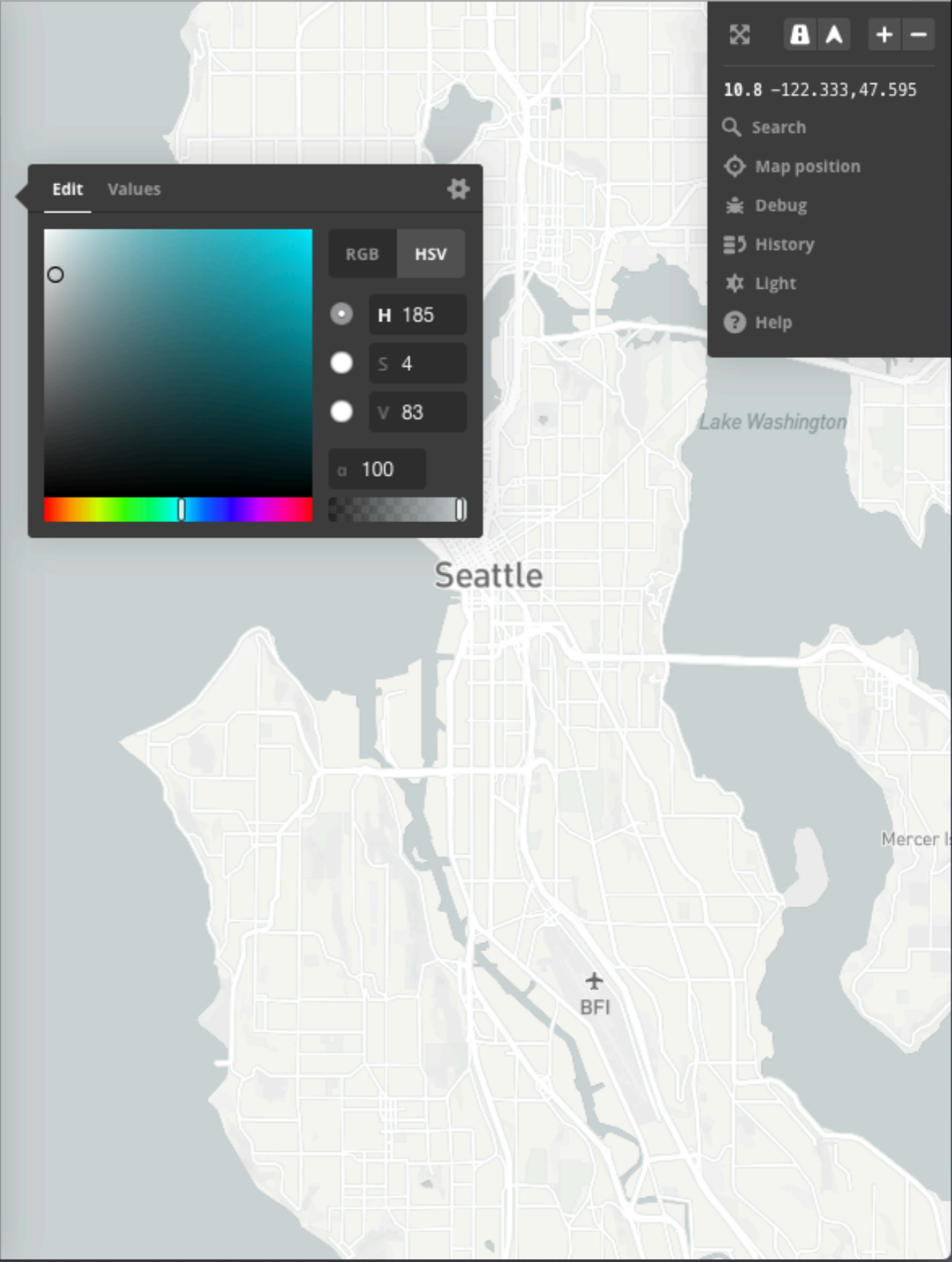
Map position

Debug

History

Light

Help



Cognos

Publish

+ New layer

- Country labels 3 layers
- State labels 3 layers
- Marine labels 6 layers
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- place-islands
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- water

water

Style Select data

Basics

Color hsl(0, 83%, 52%)

Pattern none

Opacity 1

Antialias

1px stroke hsl(185, 9%, 81%)

Translate 0 px x

0 px y

Translate anchor

Edit Values

RGB HSV

H 0

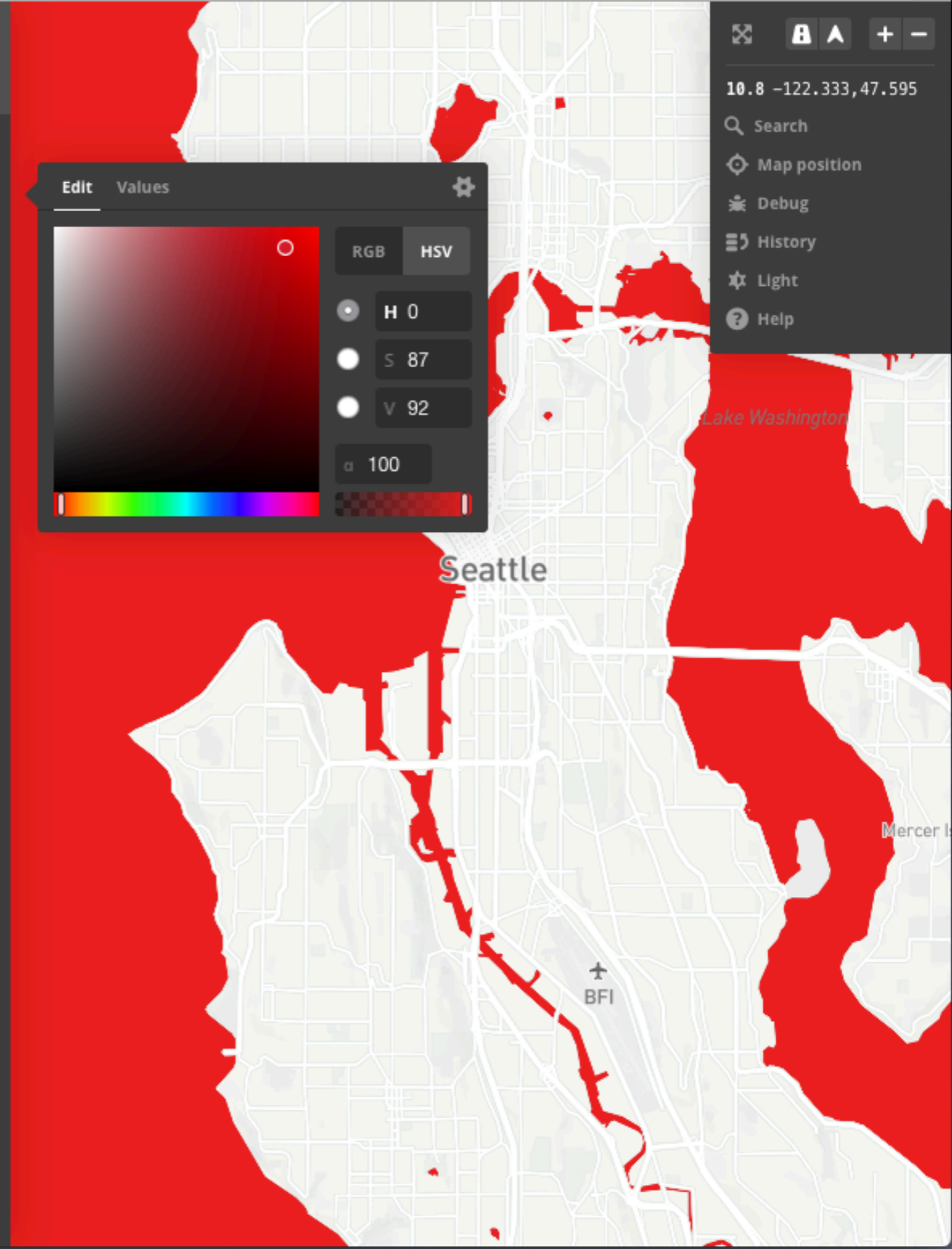
S 87

V 92

alpha 100

10.8 -122.333, 47.595

- Search
- Map position
- Debug
- History
- Light
- Help



MGLStyleLayer

MGLStyleValue

Review / Q&A

Thanks For Coming!

- @mapbox
- mapbox.com/blog
- mapbox.com/help

