Bigfoot Trail Mapbox Notes

## Persist Layer upon Style Change

I used a method from this github issue:  
<https://github.com/el/style-switcher/issues/9>

To reload layers up map.on(‘styledata’)… which fires anytime the map style changes. Although not eloquent, works for now.

Using ICONS for point markers.

[Maki Icons](https://labs.mapbox.com/maki-icons/) can be used simply by using the name of the icon in the layer info:

     map.addLayer({

        'id': 'AQI\_data',

        'type': 'symbol',

        'source': 'AQI\_data',

        'layout': {

          'icon-image': 'marker-15',

          'icon-size': 2.5,

          "visibility": "visible"},

        'paint': {

          'icon-color': 'red',

          "icon-opacity": 1

        }

      })

In this case ‘marker-15’ is the name of a MAKI icon. However, using the Maki ICONs does not allow you to change the icon-color, in this case ‘icon-color’: ‘red’ does nothing. The icon must be downloaded and put on a server to load and add the image from. Pulling icon from server allows the change of color, opacity, etc.

## Symbol Color Based on Value

To change symbols (AQ data) based on the value stored you can use the circle color property:

<https://stackoverflow.com/questions/44591327/mapbox-marker-symbol-color-change>

map.addLayer({

id: 'layerId',

source: 'sourceName',

type: 'circle',

paint: {

'circle-radius': 2,

'circle-color': {

type: 'identity',

property: 'marker-color',

},

},

});