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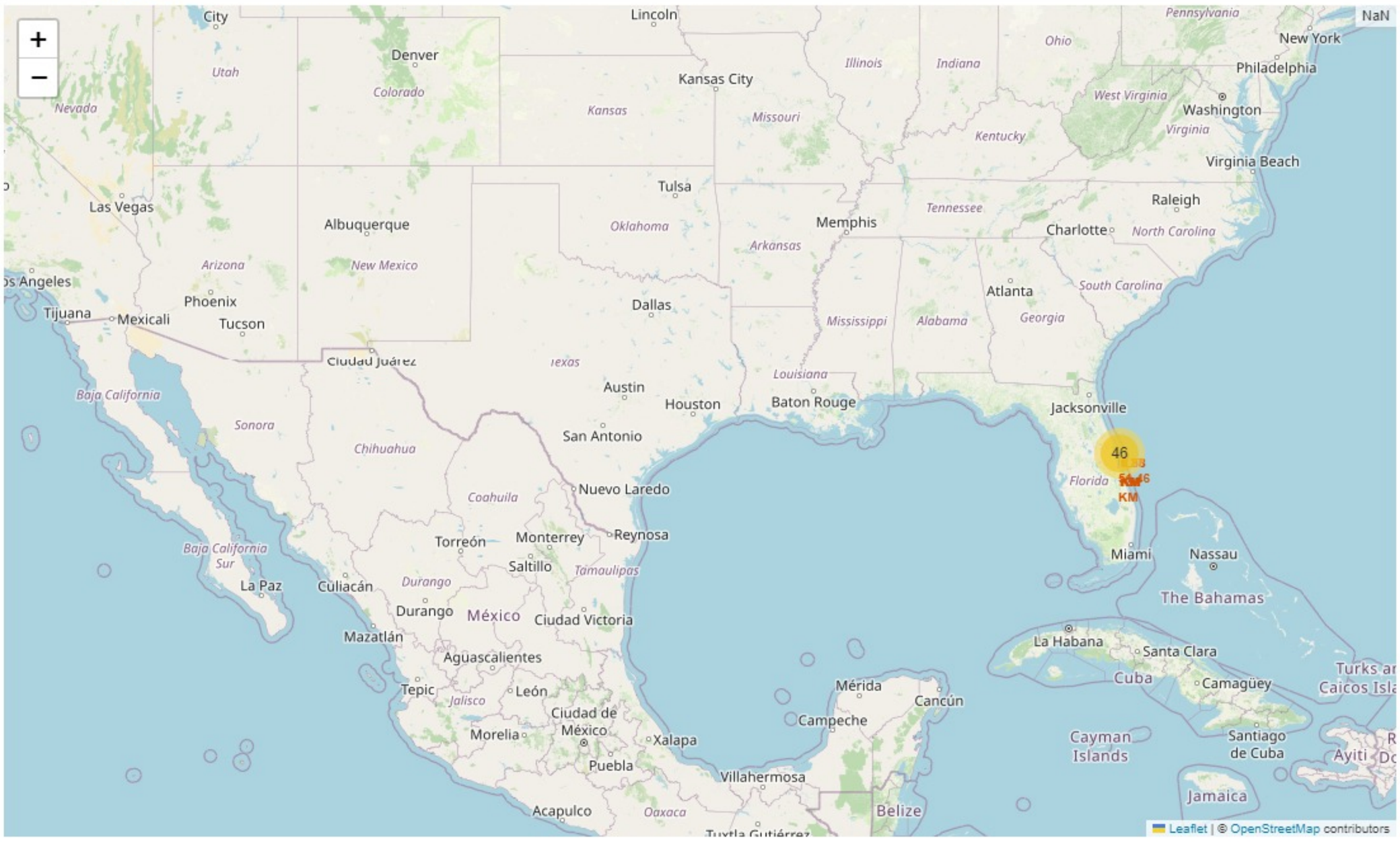
```
        icon_anchor=(0,0),
        html='<div style="font-size: 12; color:#d35400;"><b>%s</b></div>' % "{:10.2f} KM".format(distance_city),
        )
    )
site_map.add_child(distance_marker)
# closest city line
coordinates = [[launch_site_lat,launch_site_lon],closest_city]
lines=folium.PolyLine(locations=coordinates, weight=1)
site_map.add_child(lines)
```

[30]:



After you plot distance lines to the proximities, you can answer the following questions easily:

- Are launch sites in close proximity to railways? No
- Are launch sites in close proximity to highways? No
- Are launch sites in close proximity to coastline? Yes
- Do launch sites keep certain distance away from cities? Yes

Also please try to explain your findings.

Next Steps:

Now you have discovered many interesting insights related to the launch sites' location using folium, in a very interactive way. Next, you will need to build a dashboard using Ploty Dash on detailed launch records.

Authors

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