

# Map Tools

## KML Mapper

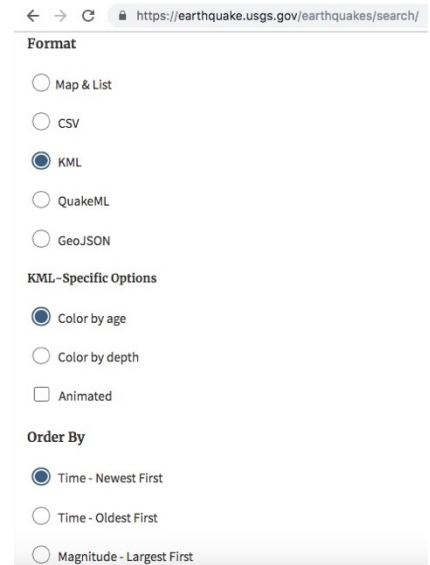
KML (Keyhole Markup Language) Mapper is a file format used for viewing geographic modeling information.

For *example*, siting the USGS website below,

<https://earthquake.usgs.gov/earthquakes/search/>

allows for a user to search through an earthquake catalog in which the selected earthquake data can be downloaded into a KML file and uploaded into GeoGateway as shown in the image below.

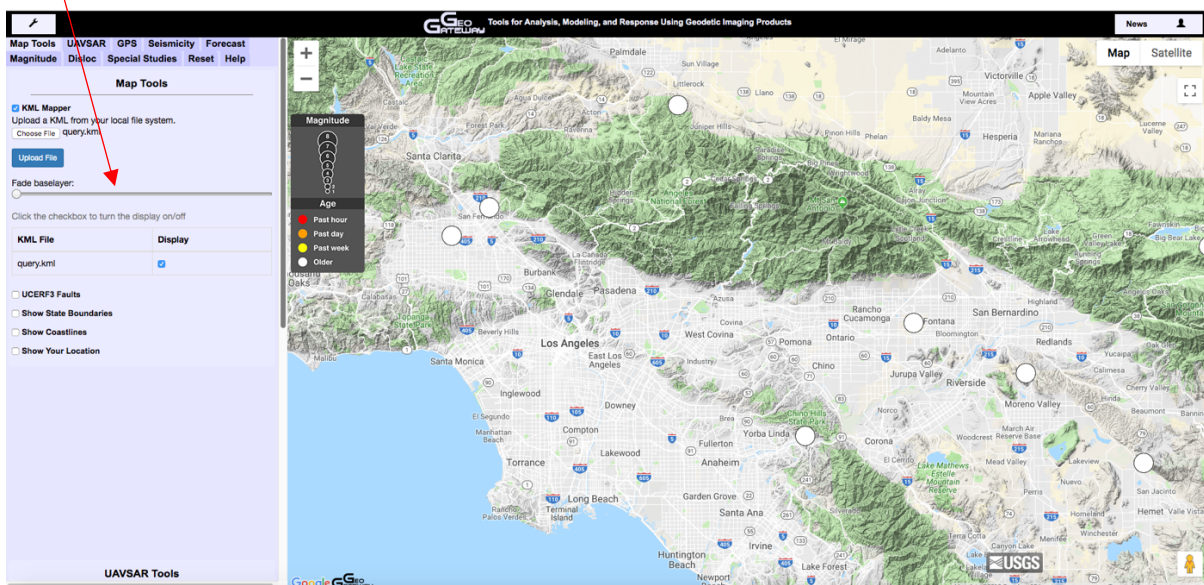
Once uploaded into GeoGateway, the KML files are displayed.



By clicking the box in the “Display” section, next to the chosen KML File, the file will be displayed on the map.

In this case, the KML file named “query” is displayed on the map.

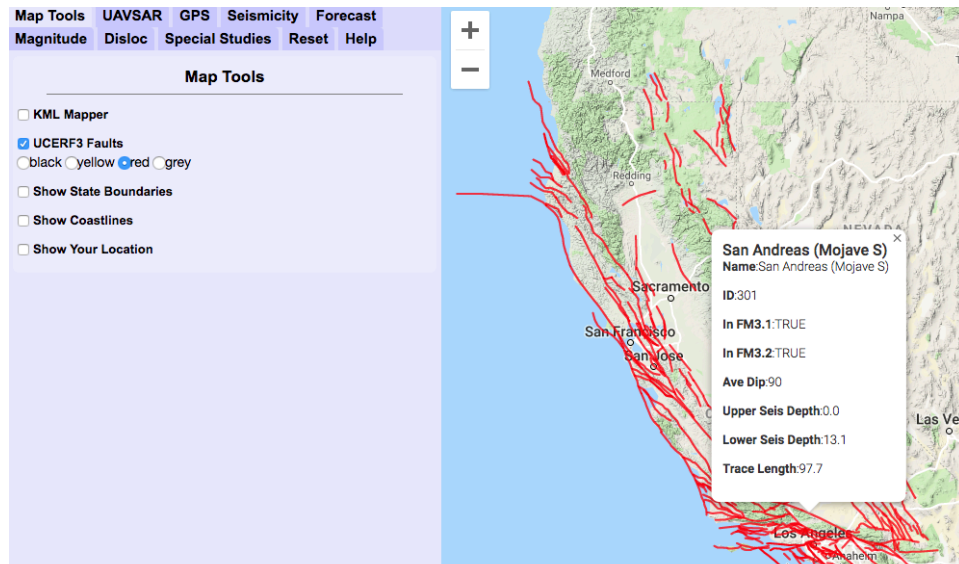
The “Fade baselayer” option fades the background map, while the KML file does not fade.



## UCERF3 Faults

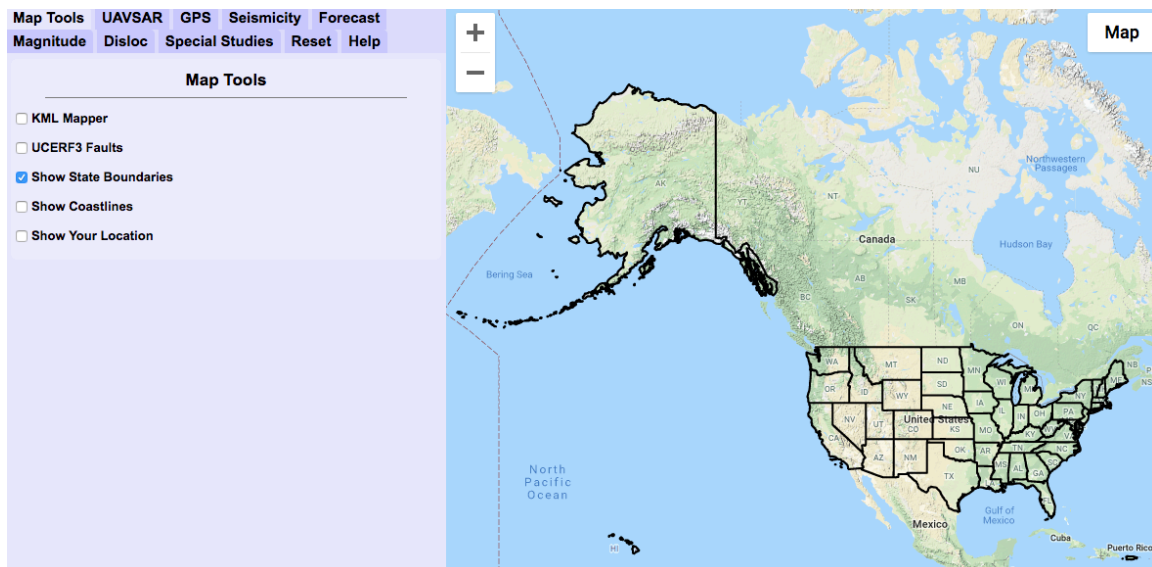
### (Uniform California Earthquake Rupture Forecast, version 3)

The United States Geological Survey ([USGS](https://www.usgs.gov)) UCERF3 faults allows users to insert California's fault lines. To input these fault lines, check the box next to "UCERF3 Faults". To choose the color of the fault lines click on the circle referring to either black, yellow, red, or grey. To understand more about a fault line, click on the fault.



## Show State Boundaries

To show state boundaries within the United States check the box next to "Show State Boundaries".



## Show Coastlines

To show coastlines, check the box next to “Show Coastlines”.

