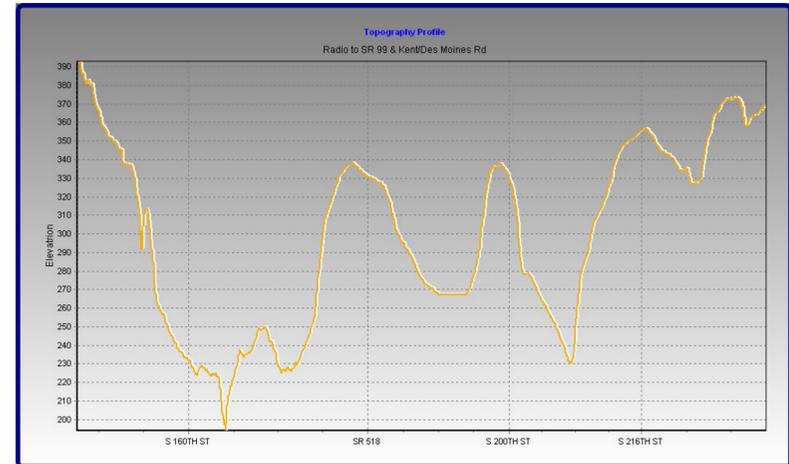
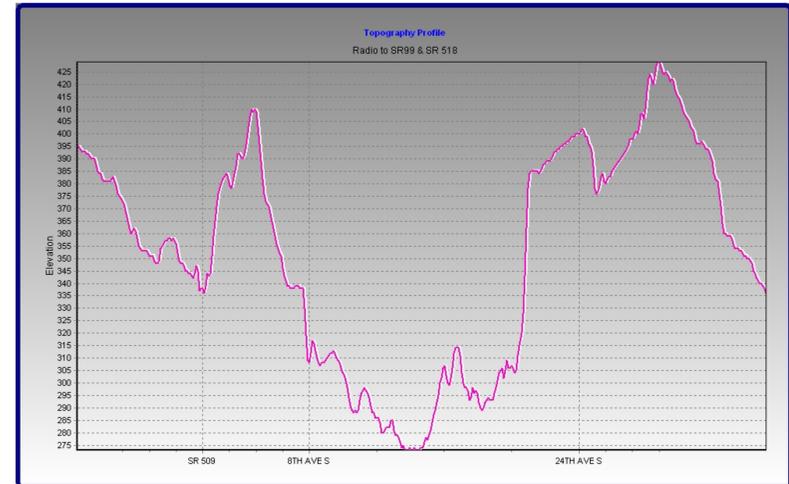
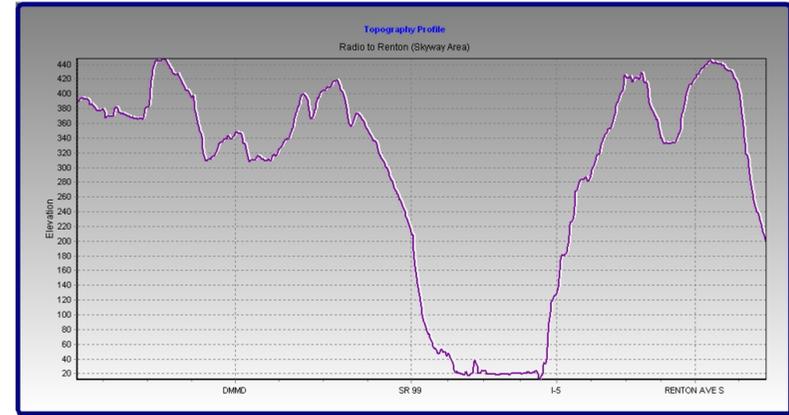
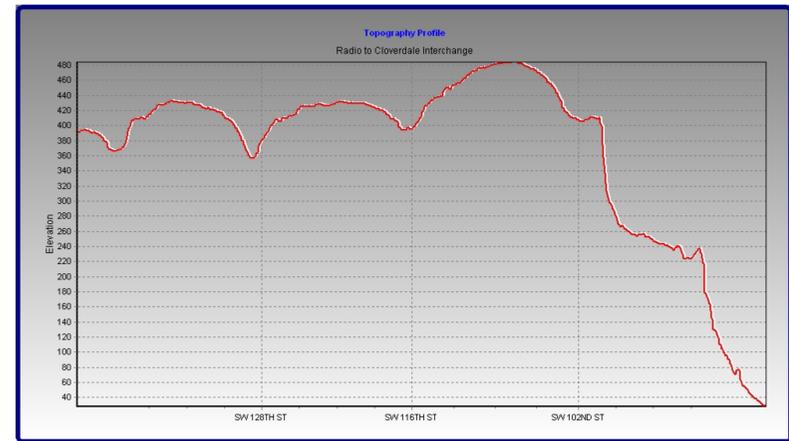
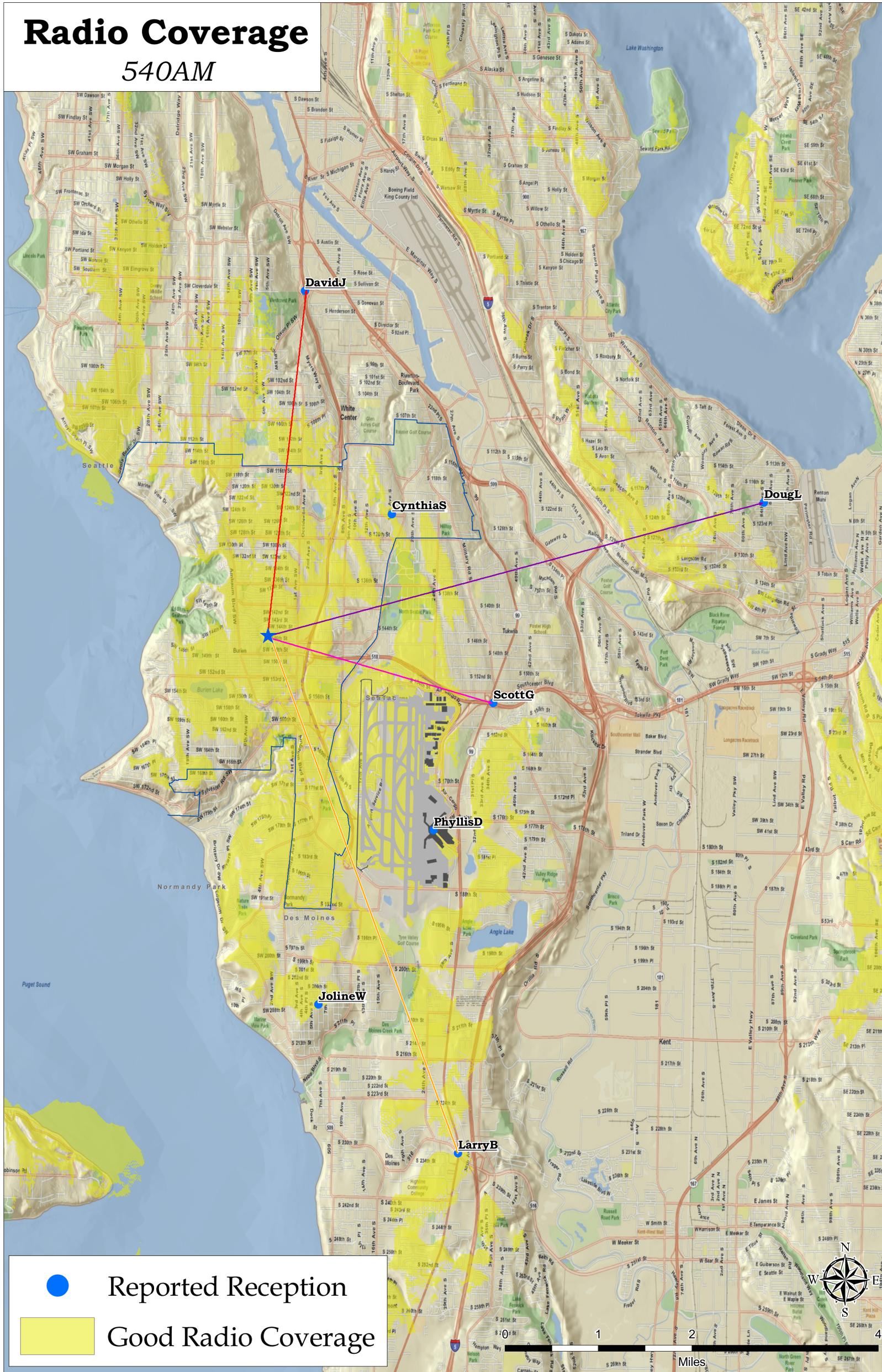


Radio Coverage

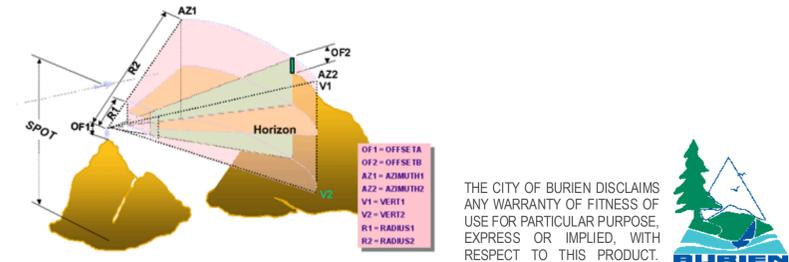
540AM



To determine the coverage of Radio Free Burien 540AM, Geographic Information System (GIS) was used to analyze the surrounding region. Specifically, a "viewshed" was done that measures the visibility of an object from multiple locations.

A viewshed analysis combines different parameters and calculates them to produce the area depicted as yellow on the map. These areas provide an estimate of what is considered a direct line of sight. The graphed profiles above show the different elevation changes from the observation point to the different receiving points. The blue dots represent locations that received some sort of signal from the radio even though based upon the analysis they would not get any signal.

This type of analysis is not a definitive way of measuring radio waves. There is more to radio waves such as propagation including reflection, refraction specific to the frequency of the radio, signal strength, interference, and atmospheric effects. Nonetheless, viewshed is an appropriate tool to use during the preliminary investigation stages of assessing possible telecommunication sites and coverage and providing a general indication of radio coverage.



● Reported Reception

■ Good Radio Coverage