Predictions

We were able to create a neural network capable of analyzing images of the natural environment to determine whether or not a wildfire is present. By using Tensorflow's Sequential model, we were able to receive results of up to 94 percent, which is extremely accurate!

Potential Improvements

As always, there are several ways to improve upon the model that we created. For example, we could:

Add more data to our dataset so that our model has experience in a variety of environments

Try larger network architecture setups for deeper image analysis

Try a different approach to object detection such as image segmentation