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Geog 342

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Executive Summary

This project used supervised classification on a clipped Landsat 8 image file to analyze the extent of the 2017 Tubbs fire in Santa Rosa, CA. Using ArcGIS Pro 2.7's classification wizard, four separate classes were defined and samples of each were selected. After several reclassification attempts, a final raster was produced that showed the extent of the burn area within the fire perimeter. Zonal Statistics were run on this raster to produce the final percentage of land cover that was classified as burned.