Proposed Drone Infrared Detection on City Forestlands

Wildfire Safety, Watershed Protection, and Resource Protection

Why a Drone Detection Program?

- Resource Damage Caused by Camping
- Wildfire Ignition Risks as Climate Warms Resulting in More Severe Fires
- Actual Wildfires from Illegal Camps and Campfires
- Impractical and Uneconomical to Cover Steep, Difficult Terrain with Regularity
- What's at Risk? Adjacent homes, upslope Ashland Watershed, trails, wildlife habitat.







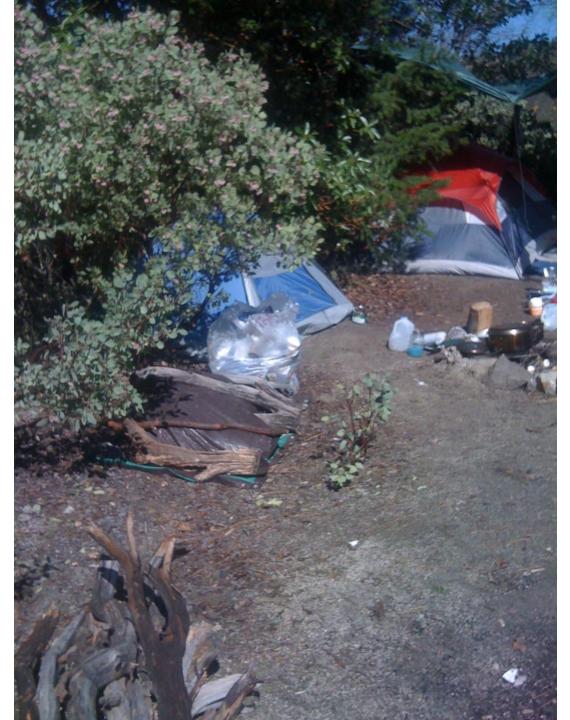




Fire Ignition Risks from Illegal Camping

















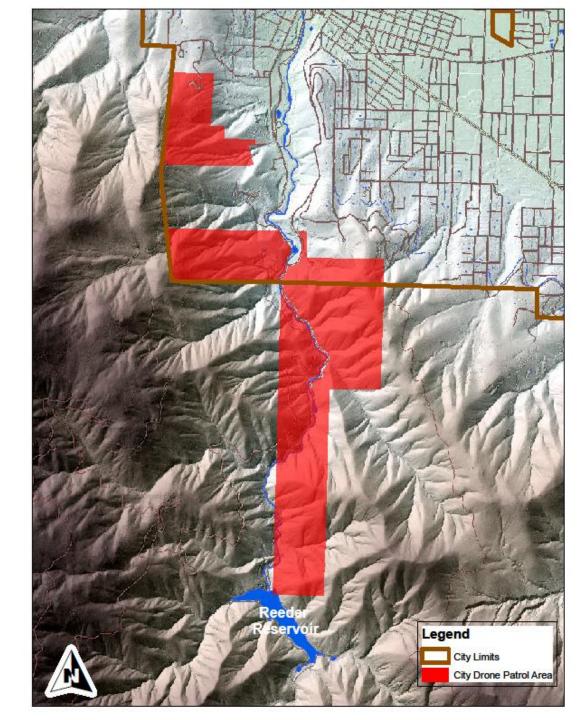




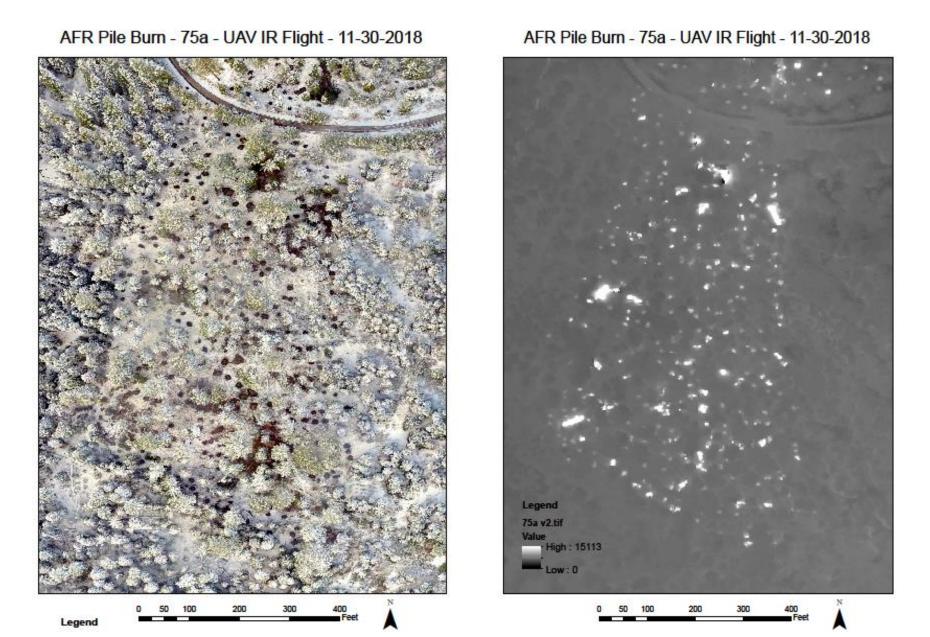




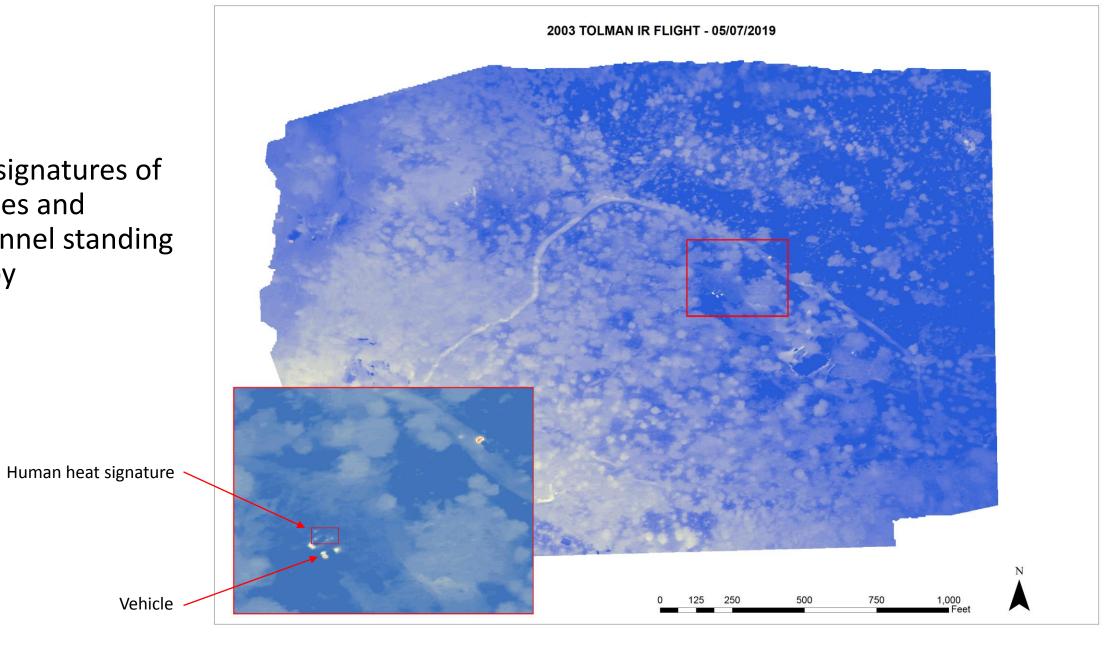
Proposed Initial Coverage Area

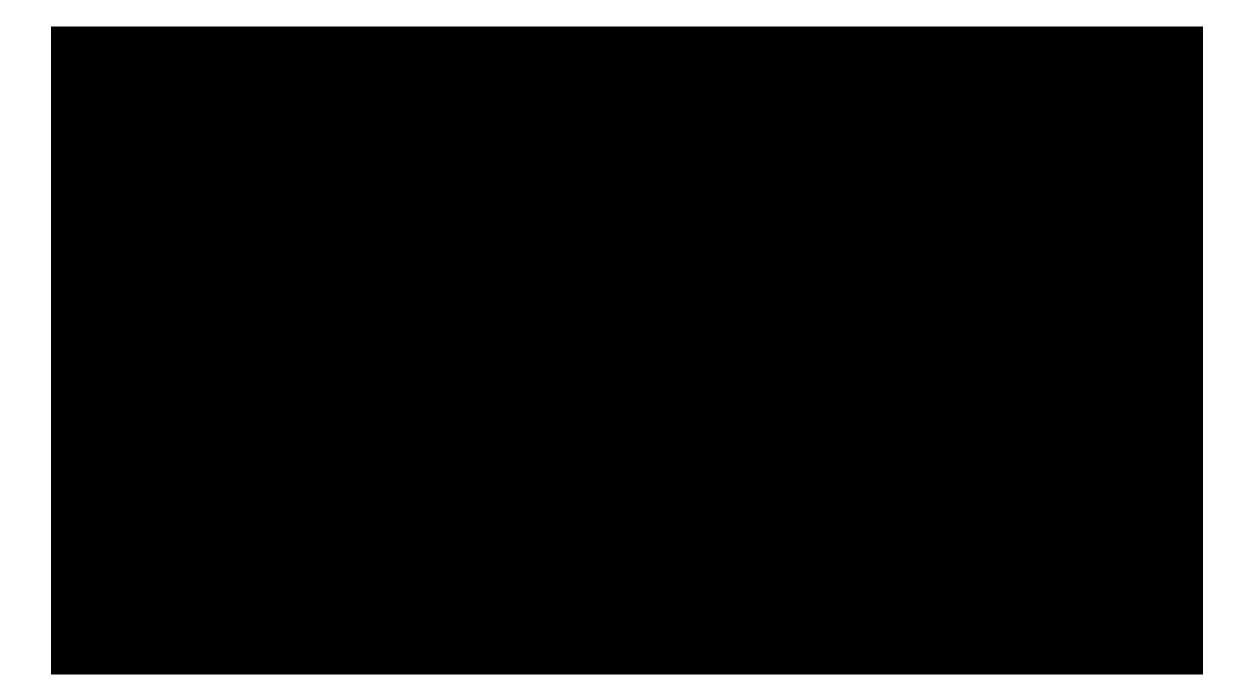


Examples of Infrared Detection Imagery on Ashland Watershed Burning Projects



Heat signatures of vehicles and personnel standing nearby





Costs of the Program

- Utilize currently allocated \$13,000 for watershed patrol program for drone detection services,
- Ashland Police Department would enforce illegal camping on City lands inside and outside the City limits.
- Leaves US Forest Service law enforcement to pursue issues on federal lands (currently patrolled by City sponsored JCSO Patrol 2X week)