

ROGUE

EST. 2016

RECONNAISSANCE

2016

UAS WILDLAND FIRE

EST. 2024

501(c)(3) NONPROFIT

COLLABORATIVE

I-5 MM 57 NB UAS IR

712-203-27

Infrared Heat Sources

20260804 0307 PDT

DJI M300 + DJI H20T

100 acres

Eli Polsky

20260804 0447 PDT

UAS IR Polygon

IR Heat Perimeter

UAS IR Point

IR Isolated Heat - High

IR Isolated Heat - Medium

IR Isolated Heat - Low

UAS IR Line

Mopup Buffer 150 ft ground

0

412.5

825

Feet

Horizontal Projection: WGS 84 UTM Zone 10N

The figure is a topographic map of a residential area, likely in the Rogue Valley. It displays infrared heat sources identified by a UAS (Unmanned Aerial System) on August 4, 2026, between 0307 and 0447 PDT. The map features a magenta line representing the IR Heat Perimeter, which encloses a large area of the valley. Within this perimeter, numerous points are plotted, color-coded by heat intensity: yellow for high, orange for medium, and purple for low. A dashed blue line indicates a 150-foot mopup buffer from the ground. The map includes contour lines at 200-foot intervals, ranging from 1200 ft to 2105 ft. Major roads shown include Interstate 5 (I-5) running diagonally from the top left to the bottom right, and several local streets: NE Ridge Rd, NE Heritage Dr, NE Oregon Ave, NE Elida Dr, NE A St, Lenella Ln, Mina Ln, Ken Canyon Rd, and Chace Min. A coordinate grid is overlaid on the map, with longitude values from -123°18'20" to -123°17'20" and latitude values from 42°26'35" to 42°27'5". An inset map in the bottom left corner shows the location of the study area within a larger regional context, marked by a yellow star and a magenta outline. A scale bar (0 to 825 feet) and a north arrow are also present.