

**Isolated Heat Sources from IR
Flown Sept. 24 at 2157 hours PDT**

WGS 84 Datum

| Id | Lat_deg | Lat_DM | Long_deg | Long_DM |
|-----|---------|----------|----------|----------|
| 1 | 38 | 50.0453 | -122 | 25.07146 |
| 2 | 38 | 53.65837 | -122 | 31.81556 |
| 3 | 38 | 53.23794 | -122 | 39.16904 |
| 4 | 38 | 52.97342 | -122 | 41.95073 |
| 5 | 38 | 52.55789 | -122 | 41.91625 |
| 6 | 38 | 52.97370 | -122 | 40.00028 |
| 7 | 38 | 51.10129 | -122 | 37.41250 |
| 8 | 38 | 51.41646 | -122 | 39.43954 |
| 9 | 38 | 50.66332 | -122 | 39.65645 |
| 10 | 38 | 50.42522 | -122 | 37.44424 |
| 11 | 38 | 51.54476 | -122 | 43.57554 |
| 12 | 38 | 51.18615 | -122 | 42.35534 |
| 13 | 38 | 51.85654 | -122 | 40.01772 |
| 14 | 38 | 51.82865 | -122 | 39.08795 |
| 15 | 38 | 50.85269 | -122 | 37.46876 |
| 16 | 38 | 50.77731 | -122 | 37.75147 |
| 17 | 38 | 51.11507 | -122 | 37.83163 |
| 18 | 38 | 50.10351 | -122 | 37.43045 |
| 19 | 38 | 50.95673 | -122 | 38.52672 |
| 20 | 38 | 50.54596 | -122 | 41.25328 |
| 21 | 38 | 50.31872 | -122 | 41.60639 |
| 22 | 38 | 50.64408 | -122 | 42.69361 |
| 23 | 38 | 50.49456 | -122 | 42.68214 |
| 24 | 38 | 50.29883 | -122 | 42.44148 |
| 25 | 38 | 49.40767 | -122 | 44.22746 |
| 26 | 38 | 49.73858 | -122 | 44.42943 |
| 27 | 38 | 49.73224 | -122 | 43.60028 |
| 28 | 38 | 49.50933 | -122 | 43.00818 |
| 29 | 38 | 49.49309 | -122 | 42.52752 |
| 30 | 38 | 49.85345 | -122 | 40.63666 |
| 31 | 38 | 49.89006 | -122 | 40.78738 |
| 32 | 38 | 49.58435 | -122 | 41.21122 |
| 33 | 38 | 49.36158 | -122 | 41.47169 |
| 34 | 38 | 49.23603 | -122 | 40.44030 |
| 35 | 38 | 49.52978 | -122 | 38.64250 |
| 36 | 38 | 49.56226 | -122 | 38.97629 |
| 37 | 38 | 49.31164 | -122 | 39.36575 |
| 38 | 38 | 49.35759 | -122 | 39.37455 |
| 39 | 38 | 49.28598 | -122 | 39.74205 |
| 40 | 38 | 49.49324 | -122 | 40.13134 |
| 41 | 38 | 49.69604 | -122 | 40.05797 |
| 42 | 38 | 49.68628 | -122 | 39.94737 |
| 43 | 38 | 49.46644 | -122 | 39.03107 |
| 44 | 38 | 49.32629 | -122 | 38.48259 |
| 45 | 38 | 49.87900 | -122 | 37.59258 |
| 46 | 38 | 50.04476 | -122 | 37.26578 |
| 47 | 38 | 49.91849 | -122 | 35.74546 |
| 48 | 38 | 49.11236 | -122 | 36.07990 |
| 49 | 38 | 49.17308 | -122 | 36.30112 |
| 50 | 38 | 49.45618 | -122 | 34.94743 |
| 51 | 38 | 48.98558 | -122 | 34.88579 |
| 52 | 38 | 48.97637 | -122 | 34.99247 |
| 53 | 38 | 48.89835 | -122 | 37.02244 |
| 54 | 38 | 48.81841 | -122 | 37.11941 |
| 55 | 38 | 49.00014 | -122 | 37.35378 |
| 56 | 38 | 48.74072 | -122 | 37.92034 |
| 57 | 38 | 48.84377 | -122 | 38.16318 |
| 58 | 38 | 48.80420 | -122 | 39.12281 |
| 59 | 38 | 48.83731 | -122 | 39.14276 |
| 60 | 38 | 49.87968 | -122 | 39.17071 |
| 61 | 38 | 49.91369 | -122 | 39.42801 |
| 62 | 38 | 48.32837 | -122 | 42.98250 |
| 63 | 38 | 48.40357 | -122 | 43.49908 |
| 64 | 38 | 48.30879 | -122 | 44.02234 |
| 65 | 38 | 48.57007 | -122 | 44.04751 |
| 66 | 38 | 48.47715 | -122 | 44.71960 |
| 67 | 38 | 48.76153 | -122 | 43.81550 |
| 68 | 38 | 48.88068 | -122 | 43.62396 |
| 69 | 38 | 48.80329 | -122 | 43.50358 |
| 70 | 38 | 48.53536 | -122 | 44.99029 |
| 71 | 38 | 47.62704 | -122 | 40.18622 |
| 72 | 38 | 47.62664 | -122 | 36.96289 |
| 73 | 38 | 47.79384 | -122 | 36.60606 |
| 74 | 38 | 47.41098 | -122 | 36.46941 |
| 75 | 38 | 46.81752 | -122 | 37.36730 |
| 76 | 38 | 47.24564 | -122 | 42.89299 |
| 77 | 38 | 47.92011 | -122 | 39.70696 |
| 78 | 38 | 47.20484 | -122 | 37.87263 |
| 79 | 38 | 47.34259 | -122 | 30.41834 |
| 80 | 38 | 46.38617 | -122 | 32.84323 |
| 81 | 38 | 46.83677 | -122 | 37.21511 |
| 82 | 38 | 46.62456 | -122 | 37.50771 |
| 83 | 38 | 46.17308 | -122 | 38.05082 |
| 84 | 38 | 46.88661 | -122 | 40.96839 |
| 85 | 38 | 46.59628 | -122 | 43.12676 |
| 86 | 38 | 46.58187 | -122 | 43.02429 |
| 87 | 38 | 46.73052 | -122 | 44.70842 |
| 88 | 38 | 46.27660 | -122 | 44.38640 |
| 89 | 38 | 46.25274 | -122 | 44.27391 |
| 90 | 38 | 45.26012 | -122 | 41.22278 |
| 91 | 38 | 46.12463 | -122 | 42.66629 |
| 92 | 38 | 45.26014 | -122 | 40.65001 |
| 93 | 38 | 45.30160 | -122 | 40.85080 |
| 94 | 38 | 45.73132 | -122 | 40.89110 |
| 95 | 38 | 45.89133 | -122 | 39.59393 |
| 96 | 38 | 45.52220 | -122 | 40.95634 |
| 97 | 38 | 46.11328 | -122 | 35.66714 |
| 98 | 38 | 45.44077 | -122 | 34.62183 |
| 99 | 38 | 44.53990 | -122 | 29.32041 |
| 100 | 38 | 44.77423 | -122 | 31.91297 |
| 101 | 38 | 44.82338 | -122 | 32.00509 |
| 102 | 38 | 44.35960 | -122 | 32.63871 |
| 103 | 38 | 44.60716 | -122 | 33.80887 |
| 104 | 38 | 44.42381 | -122 | 33.25145 |
| 105 | 38 | 44.50189 | -122 | 32.68634 |
| 106 | 38 | 44.48472 | -122 | 35.72056 |
| 107 | 38 | 44.32410 | -122 | 36.14944 |
| 108 | 38 | 45.10885 | -122 | 39.46903 |
| 109 | 38 | 44.80838 | -122 | 40.04920 |
| 110 | 38 | 43.60393 | -122 | 32.04115 |
| 111 | 38 | 43.09972 | -122 | 31.49203 |
| 112 | 38 | 42.86761 | -122 | 31.26605 |
| 113 | 38 | 42.81753 | -122 | 31.20456 |
| 114 | 38 | 43.87863 | -122 | 35.58297 |
| 115 | 38 | 42.31312 | -122 | 30.44395 |
| 116 | 38 | 42.35761 | -122 | 30.54607 |
| 117 | 38 | 44.22120 | -122 | 31.86102 |

Within Rocky
Fire perimeter
38 53 658 N x
122 31 816 W

Within Jerusalem
Fire perimeter
38 50 045 N x
122 25 071 W

**IR Map
Valley
CA-LNU-008670**

**Flown 9/24/2015
at 2157 hours PDT**

● Isolated Heat Sources
 □ Heat Perimeter
 IR Interpreter: E. Bowne
 Datum: NAD83
 Lat/Long values in call-out
 labels on map are in WGS 84

