# INFRARED INTERPRETER'S DAILY LOG

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| **Incident Name:**<br>Slide 1<br>CA-MNF-852 | **IR Interpreter(s):**<br>Hillary Hudson<br>Hillary.hudson@usda.gov | **Local Dispatch Phone:**<br>MNFC (530-934-7758) | **Interpreted Size:**<br>473 Acres<br>**Growth last period:**<br>0 Acres |
| **Flight Time:**<br>1930 PDT<br>**Flight Date:**<br>9/19/2023 | **Interpreter(s) location:**<br>Santa Fe, NM<br>**Interpreter(s) Phone:**<br>928-606-1994 | **GACC IR Liaison:**<br>Kyle Felker<br>**GACC IR Liaison Phone:**<br>530-251-6112 | **National Coordinator:**<br>Kat Sorensen<br>**National Coord. Phone:**<br>406.499.2701 |
| **Ordered By:**<br>Mendocino NF (530-934-7758) | **A Number:**<br>69 | **Aircraft/Scanner System:**<br>350FV TK9 | **Pilots/Techs:**<br>Dan |
| **IRIN Comments on imagery:**<br>Good georeferencing, cloud-free | | **Weather at time of flight:**<br>Clear | **Flight Objective:**<br>Heat Perimeter Detection / Categorizing Heat Intensity |
| **Date and Time Imagery Received by Interpreter:**<br>9/19/2023 1930 PDT | | **Type of media for final product:**<br>GDB, Shapefiles, Topo and Ortho Maps, IR Log, KMZ | |
| **Date and Time Products Delivered to Incident:**<br>9/19/2023 2030 PDT | | **Digital files sent to:**<br>/incident_specific_data/calif_n/!2023_Federal_Incidents/CA-MNF-852_SlideOne/IR/NIROPS/20230920 | |

**Comments /notes on tonight's mission and this interpretation:**

I began interpretation with the previous IR perimeter. I chose to "filter" out the smaller points of heat from the scan. As you can see in the screenshot below there are isolated heat sources outside and inside of the heat perimeter (black pixels). I believe that those are noise in the data created by sun-heated rocks which is why I didn't identify them as isolated heat sources.