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| **Incident Name:**  Lava  CA-SHF-000949 | **IR Interpreter(s):**  Zack Muirbrook  Zack.muirbrook@usda.gov | **Local Dispatch Phone:**  Redding ECC  530-251-6112 | **Interpreted Size:**  26,255 acres  **Growth last period:**  \*52 Acres (IR two nights ago) |
| **Flight Time:**  2009 PDT  **Flight Date:**  7/13/2021 | **Interpreter(s) location:**  Idaho Falls, ID  **Interpreter(s) Phone:**  208-221-3775 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Jan Johnson  **National Coord. Phone:**  505-975-3762 |
| **Ordered By:**  Nisha Van Hees  541-892-2926 | **A Number:**  A-139 | **Aircraft/Scanner System:**  N350SM/TK-9 | **Pilots/Techs:**  Tech: Rachel |
| **IRIN Comments on imagery:**  Good alignment, 2 passes | | **Weather at time of flight**  Clear | **Flight Objective:**  IR heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**  7/13/2021 2135 PDT | | **Type of media for final product:**  IRIN Daily Log, Shapefiles, File Geodatabase, KML, PDF Maps  **Digital files sent to:** /incident\_specific\_data/calif\_n/!2021\_FEDERAL\_Incidents/CA-SHF-0949\_Lava/IR/NIROPS | |
| **Date and Time Products Delivered to Incident:**  7/13/2021 2310 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Interpretation started using the NIFS Event Polygon Feature class downloaded at 2205 PDT. The perimeter seemed identical to the previous IR perimeter from two shifts ago. Last shift was UTF.  The perimeter did not have a lot of growth. The growth and intense heat were exclusively in the SE at the base of Shasta. The majority of which was in one patch on the NE side of whitney cr. The scattered heat patches are very small and not as many. There is still a lot of isolated heat. They both get more concentrated towards the SE. Some of the heat in the NW finger might not be fire related. It might be roofs or something else human related. That includes some isolated heat sources outside the perimeter. | | | |