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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:**  25,002 acres  **Growth last period:**  9 Acres (compared to incident) |
| **Flight Time:**  2244 PDT  **Flight Date:**  7/06/2021 | **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:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  Robert Verdie  541-821-5835 robert\_verdie@firenet.gov | **A Number:**  A-130 | **Aircraft/Scanner System:**  N350SM/TK-9 | **Pilots/Techs:**  Tech: Kelsey |
| **IRIN Comments on imagery:**  Good alignment, 3 passes | | **Weather at time of flight**  Clear | **Flight Objective:**  IR heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**  7/06/2021 2355 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:**  7/07/2021 0330 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Interpretation started using the NIFS Event Polygon Feature class downloaded at 2231 PDT.  The perimeter had more growth than shows because the incident cut back some acres. The growth was 94 acres compared to previous IR. Most of the growth is to the east in the southern tip of the fire towards mt shasta. Those areas are also marked by intense heat. Very little growth other than that area. There is still a lot of isolated and scattered heat throughout the fire becoming more concentrated to the SE. There are a couple of isolated heat sources a significant distance from the fire perimeter. One is very feint about 800ft from the perimeter in the lavas between the two north fingers on the west side. The other is over a half mile east of the main north finger in what appears residential. Likely not related to the fire. | | | |