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| **Incident Name:**LavaCA-SHF-000949 | **IR Interpreter(s):**Zack MuirbrookZack.muirbrook@usda.gov | **Local Dispatch Phone:**Redding ECC530-251-6112 | **Interpreted Size:** 26,316 acres**Growth last period:**61 Acres  |
| **Flight Time:**0000 PDT**Flight Date:**7/15/2021 | **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 Hees541-892-2926 | **A Number:**A-142 | **Aircraft/Scanner System:**N350FV/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:**7/15/2021 0100 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:**7/15/2021 0504/0535 PDT |
| **Comments /notes on tonight’s mission and this interpretation:**Interpretation started using the NIFS Event Polygon Feature class downloaded at 0424 PDT. 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. There is one isolated heat source outside the perimeter in the SW that does appear to be fire related. It is located at 41d 26.774m x -127d 19.193m. |