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| **Incident Name:**DeepCA-SHF-000973 | **IR Interpreter(s):**Steve Pennystephen.penny@usda.gov | **Local Dispatch Phone:**Redding ECC530-226-2400 | **Interpreted Size:**4,204 acres**Growth last period:**4 acres since 9/15/2023  |
| **Flight Time:**1942 PDT**Flight Date:**09/20/2023 | **Interpreter(s) location:**McCall, ID**Interpreter(s) Phone:**208-315-3729 | **GACC IR Liaison:**Kyle Felkner**GACC IR Liaison Phone:**530-251-6112 | **National Coordinator:**Kat Sorenson**National Coord. Phone:**406-499-2701 |
| **Ordered By:**Jason Colby530-226-2400sm.fs.shfdispatch@usda.gov | **A Number:**A-125 | **Aircraft/Scanner System:**Tenax N350FV / TK9 | **Pilots/Techs:**Tech: Dan Thrash |
| **IRIN Comments on imagery:**One pass, good georeferencing | **Weather at time of flight:**clear | **Flight Objective:**IR heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**09/20/2023 2000 PDT | **Type of media for final product:**IRIN Daily Log, Shapefiles, File Geodatabase, KMZ, PDF Maps**Digital files sent to:**NIFS and FTP (address below)/incident\_specific\_data/calif\_n/!2023\_Federal\_Incidents/CA-SHF-000973\_Deep/IR/NIROPS |
| **Date and Time Products Delivered to Incident:**09/20/2023 2140 PDT |
| **Comments /notes on tonight’s mission and this interpretation:**N350FV’s sensor is creating “false trips” of heat in the image, pixels were showing heat outside the perimeter spread across the image, and the same pattern could be seen inside the perimeter, so it was difficult to map true isolated heat inside and outside the perimeter. For this reason, there may be missed isolated heat sources or isolated heat points mapped where no heat exists. If there was a heat point from the last interpretation and it wasn’t obvious heat but did have a signature, I created an isolated heat point.The fire continues to have minor growth at the north end of the fire just south of Little Salt Creek where scattered heat was mapped. Two possible isolated heat sources were mapped just north of this, I could not tell if it was actual heat or a false trip. Another area of growth and scattered heat was on the north side of Deep Creek on the east side of the fire. No intense heat was mapped. Isolated heat was mapped throughout the fire perimeter. |