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| **Incident Name:**SouthCA-SHF-001209 | **IR Interpreter(s):**Jen FrazerJennifer\_frazer@firenet.gov | **Local Dispatch Phone:**RICC530-226-2400 | **Interpreted Size:**5,211 Acres**Growth since last IR Perimeter:** 2 Acres (From Incident perimeter) |
| **Flight Time:**2459 PDT**Flight Date:**09/20/2019 | **Interpreter(s) location:**White Sulphur Springs, MT**Interpreter(s) Phone:**W: 406-547-6010C: 203-695-1207 | **GACC IR Liaison:**Kyle Felker**GACC IR Liaison Phone:**530-251-6112 | **National Coordinator:**Tom Mellin**National Coord. Phone:**505-842-3845 |
| **Ordered By:**Tad Morelock, SITL760-490-9098Mervyn\_morelock@firenet.gov | **A Number:**A - 39 | **Aircraft/Scanner System:**N149Z / Phoenix | **Pilots/Techs:**Mark/Kristina |
| **IRIN Comments on imagery:**Clear imagery, well aligned in some locations, distorted in north approx. 300 ft. Most distortion in western arms of fire due to steep terrain. 1 scan, E-W flight path | **Weather at time of flight:**Clear | **Flight Objective:**Identify and map Heat perimeter, Scattered Heat and Isolated Heat Sources. |
| **Date and Time Imagery Received by Interpreter:**09/21/2019 – 0115 PDT | **Type of media for final product:**Shape files, KMZ, PDF, and IRIN Log**Digital files sent to:** NIFC FTP @ /incident\_specific\_data/calif\_n/!2019\_FEDERAL\_Incidents/CA-SHF-001209\_South/IR/20190918Email: Mervyn\_morelock@firenet.gov; kentbloomer@firenet.gov (GISS) |
| **Date and Time Products Delivered to Incident:**09/21/2019 – 0200 PDT |
| **Comments /notes on tonight’s mission and this interpretation:**Started Interpretation with updated IR data for operational period 20190920 (5,209 acres). No change observed in EGP at 2400PDT on 20190920 within the incident perimeter.  Heat Perimeter growth experienced in the northern arm of the fire; Iron Spring Region. One heat source located outside heat perimeter in the SE corner. Lat /Long on map. Rest of isolated heat sources have lat/long within attribute table.Intense Heat – Three small pockets of intense (active) heat: along Iron Spring Ridge in the Northern arm; two within Hamilton Gulch.Scattered Heat – Delineated pockets and vegetative corridors as scatter heat sources in the NW, SE corner, and western tip of the arm extending into the Wilderness.Isolated Heat –Majority of isolated heat located in the northern half of the fire, afew along southern end; and a group within the SE corner. Lat/Long coordinate values are in the attribute table. |