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| **Incident Name:**  South  CA-SHF-001209 | **IR Interpreter(s):**  Bob Brantlinger  970-769-6551  Robert.brantlinger@usda.gov | **Local Dispatch Phone:**  RICC  530-226-2400 | **Interpreted Size:**  5,190 Acres  **Growth since last IR Perimeter:** 463 Acres (From previous night IR perimeter) |
| **Flight Time:**  1943 PDT  **Flight Date:**  09/15/2019 | **Interpreter(s) location:**  Durango, CO  **Interpreter(s) Phone:**  970-769-6551 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-842-3845 |
| **Ordered By:**  CA-SHF (530-945-0166) | **A Number:**  A - 32 | **Aircraft/Scanner System:**  N149Z / Phoenix | **Pilots/Techs:**  Dan-Carl/Chris |
| **IRIN Comments on imagery:**  Clear imagery | | **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:**  09/15/2019 – 2030 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/20190916** | |
| **Date and Time Products Delivered to Incident:**  09/15/2019 – 2230 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started Interpretation with perimeter from previous night’s IR. Checked with EGP-NIFS and perimeter was identical.    Start Interpretation – 4,727 Acres.  End – 5,190 Acres  Growth – 463 Acres.  Largest areas of growth were in the western area of fire. These appear to be related to backfire operations.  -New growth area in the southwest perimeter was north of Syd Cabin Ridge running towards Tomhead Gulch. Still east of Hawk camp and north of forest service trail 9W37.  -New growth area in the Northwest area of fire is confined by the Humboldt Trail on the north and extends to Iron Spring Ridge to the west, moving southwest down the Iron spring and Tomhead Gulch drainages  Intense Heat – In areas of new perimeter growth. On the southwestern perimeter, in the Tomhead Gulch drainage, between Hawk Camp and Plum Garden. In the Northwest perimeter, on the southern edge of perimeter of new perimeter, west of Humboldt trail to Iron Spring Ridge.  - Scattered Heat – Behind intense heat in the Western area of the fire. Still surrounds the interior islands of Hamilton Glade and Trough Ridge  - Isolated Heat –All .PDF IR maps are georeferenced for use in Avenza and other apps. Lat/Long coordinate values was added to Isolated heat shapefiles. | | | |