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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:**  4,727 Acres  **Growth since last IR Perimeter:** 633 Acres (From previous night IR perimeter) |
| **Flight Time:**  2247 PDT  **Flight Date:**  09/14/2019 | **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 - 29 | **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:**  09/14/2019 – 2315 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/20190915** | |
| **Date and Time Products Delivered to Incident:**  09/15/2019 – 0100 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started Interpretation with perimeter from previous night’s IR as directed by Devin Quintana, (at incident).    Start Interpretation – 4,094 Acres.  End – 4,727 Acres  Growth – 633 Acres.  \*The southeast area of the fire continues to contain scattered heat and numerous heat signals observed outside the heat perimeter. I was told by incident not to update perimeter in this area due to “It was finalized by CAL Fire and they were turning over to local unit” and any edits I made would be redacted at incident. Informed Incident that NIROPS just reports heat perimeters and intelligence to Incident, and the incident perimeter was based on their determinations.\*  -Largest areas of growth was in the Northwest area of fire. These appear to be related to backfire operations.  -New growth area southeast of Syd Cabin Ridge and Hamilton Gulch, this area fills in the unburned area between yesterday’s heat perimeter and extends east to FSR 27N06E.  -New growth area west of FSR 27N06 from Buck Camp to TomHead saddle along wilderness Boundary.  - New spot fire Northwest of Tom head Saddle centered on Iron Spring, south of trail.  - On the southwest perimeter, Area between Hawk Camp and Plum Garden, Northwest of Syd Cabin Glade. Intense heat on both sides of Forest service trail 9W37.  -Intense Heat – All in areas of new perimeter growth  - Scattered Heat – Behind intense heat in the Southwest area of the fire near Syd Cabin Glade and in the North West portion of the fire near Tomhead saddle. In the central part of the fire around the unburned islands (making them smaller) Scattered Heat exist along the southeastern perimeter in smaller areas..  - 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. | | | |