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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:**  1934 Acres  **Growth since last IR Perimeter: 269 Acres (From Last night’s IR perimeter)** |
| **Flight Time:**  1903 PDT  **Flight Date:**  09/07/2019 | **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 - #4 | **Aircraft/Scanner System:**  N149Z / Phoenix | **Pilots/Techs:**  Boyce/Johnson/Mike |
| **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:**  09/07/2019 – 1945 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/20190908** | |
| **Date and Time Products Delivered to Incident:**  09/07/2019 – 2145 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Email IR products to: [paul.zerr@usda.gov](mailto:paul.zerr@usda.gov) (SITL) and [kent.boomer@usda.gov](mailto:kent.boomer@usda.gov) (GISS)  Started Interpretation with IR perimeter from previous night of IR. (20190906\_2220\_South\_HeatPerimeter)    Start Interpretation –1665 Acres.  End – 1934 Acres  Growth – 269 Acres.  - Perimeter growth was mapped in the. Small area of perimeter growth on western flank near Trough Spring. Large Area of perimeter growth along the south facing slope of Nuisance Ridge, This area also contains Intense and scattered heat. Outside main perimeter in spot fire on southwest area of fire.    -Intense Heat – Along southeast part of the perimeter along the ridge between Elkhorn and Sulphur Creeks Along the western flank, along perimeter from Trough Spring south. At the confluence of Sulpher Creek and Cottonwood Creek. Outside main perimeter in spot fire on southwest area of fire.  - Scattered Heat – Behind intense heat in the Southwest area of the fire and in another large area in the North West portion of the fire. Scattered Heat exist along the full southern perimeter, between Cottonwood Creek and Elkhorn Creek.  - Isolated Heat – Points were observed outside the heat perimeter in the Southeast part of the perimeter along the ridge between Sulper and Elkhorn Creeks.  I added the Lat/Long to the IR isolated heat source layer attribute table. All pdf IR maps are georeferenced for use in Avenza and other apps. | | | |