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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:**  2,746 Acres  **Growth since last IR Perimeter:** 321 Acres (From previous night IR perimeter) |
| **Flight Time:**  2146 PDT  **Flight Date:**  09/09/2019 | **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 - #7 | **Aircraft/Scanner System:**  N149Z / Phoenix | **Pilots/Techs:**  Dan-Carl/Mike-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:**  09/09/2019 – 2230 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/20190910** | |
| **Date and Time Products Delivered to Incident:**  09/09/2019 – 2345 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started Interpretation with perimeter from previous night’s IR. Checked EGP / NFIS and NIFC FTP and no updated perimeter available.    Start Interpretation – 2,425 Acres.  End – 2,746 Acres  Growth – 321 Acres.  - Perimeter growth was mapped on the Southeastern and western perimeters. Largest area of growth was in the Southeastern perimeter, Between the Elkhorn and Sulphur Creek drainages, North of FSR 26N01 and 26N01A roads. Also growth in the area of Hamilton Grade on both sides of FSR 27N06F. Other areas of growth were on the western flank in the area of Trough Spring and Ridge.  -Intense Heat – Along southeast part of the perimeter along the ridge between Elkhorn and Sulphur Creeks, Closer to Elkhorn Creek. Large area in the Hamilton Glade area, coincident to the area of new growth. Around Trough Spring. Small area north of Cottonwood Creek, North of Cottonwood Creek.  - 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 Sulphur and Elkhorn Creek.  - Isolated Heat – Points were observed outside the heat perimeter in the Northwest area of the fire in the Hamilton Gulch Headwaters. One point, north of perimeter, along the ridge between Sulphur and Elkhorn Creeks.  All .PDF IR maps are georeferenced for use in Avenza and other apps. | | | |