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| **Incident Name:**SouthCA-SHF-001209 | **IR Interpreter(s):**Bob Brantlinger970-769-6551Robert.brantlinger@usda.gov | **Local Dispatch Phone:**RICC530-226-2400 | **Interpreted Size:**3,434 Acres**Growth since last IR Perimeter:** 257 Acres (From previous night IR perimeter) |
| **Flight Time:**2038 PDT**Flight Date:**09/11/2019 | **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 - 11 | **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:**09/13/2019 – 0100 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/20190913** |
| **Date and Time Products Delivered to Incident:**09/13/2019 – 0315 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. Delayed response in getting data to interpret due to NIFC ftp server going down and air to ground communications failure.  Start Interpretation – 3,177 Acres. End – 3,434 AcresGrowth – 257 Acres.- Perimeter growth was mapped on the Southwestern, Northwestern perimeters of fire.-Largest area of growth was in the Southwestern perimeter, North of Cottonwood Creek and National Forest’s Boundary. In the Hamilton Gulch headwaters area, just east of Buck Spring.-Growth in the Trough spring, Both sides of FSR 27N06E road.-Areas in the Southeast section area of the fire was between Elkhorn and Sulphur Creeks, along the northern side of perimeter.-Intense Heat – Largest area in the southwest perimeter, North and west of Cottonwood Creek and National Forest’s Boundary, where new perimeter growth occurred.Smaller areas in the Hamilton Glade area, coincident to the area of new growth, Around Trough Spring. Along northern perimeter in the southeast area, along the ridge between Elkhorn and Sulphur Creeks, Closer to Elkhorn Creek. - Scattered Heat – Behind intense heat in the Southwest area of the fire and in smaller pockets in the North West portion of the fire. Scattered Heat exist along the full southeastern perimeter, between Sulphur and Elkhorn Creek.- Isolated Heat – Fewer points than previous nights. All .PDF IR maps are georeferenced for use in Avenza and other apps. Lat/Long coordinate values was added to Isolated heat shapefiles. |