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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:**  5,203 Acres  **Growth since last IR Perimeter:** 11 Acres (From Incident perimeter) |
| **Flight Time:**  1938 PDT  **Flight Date:**  09/17/2019 | **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 - 35 | **Aircraft/Scanner System:**  N149Z / Phoenix | **Pilots/Techs:**  Dan-Carl/Chris |
| **IRIN Comments on imagery:**  Good imagery – Some clouds on the western perimeters | | **Weather at time of flight:**  Partly Cloudy | **Flight Objective:**  Identify and map Heat perimeter, Scattered Heat and Isolated Heat Sources. |
| **Date and Time Imagery Received by Interpreter:**  09/17/2019 – 2015 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/20190918** | |
| **Date and Time Products Delivered to Incident:**  09/17/2019 – 2215 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started Interpretation with updated “Wildfire Daily Perimeter” from EGP-NIFS feature service dated 20190917 5:43pm.    Start Interpretation – 5,192 Acres.  End – 5,203 Acres  Growth – 11 Acres.  Some clouds over scan particularly obscuring scan of southwestern perimeter along and west of Tom Head Gulch.  2 spot fires outside perimeter.  – North of Southwest perimeter in the vicinity of Plum Garden, Scattered heat inside perimeter in this area.  – South of Northwest perimeter on the Ridgetop between Tom Head Gulch and Iron Spring Gulch  Areas of growth were in the western area of fire. Small bump outs of existing perimeter, Mostly in the Northwest perimeter heading down slope south into To Head Gulch and Iron Springs ridge.  Intense Heat – In areas of new perimeter growth. On the southwestern perimeter, in the Tomhead Gulch drainage, between Plum Garden and along Syd Cabin. 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.  Mostly between Syd Cabin Ridge and Hamilton Gulch.  - 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. | | | |