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| **Incident Name:**  South Complex  CA-SHF-002108 | **IR Interpreter(s):**  Elise Bowne | **Local Dispatch Phone:**  RICC  530-226-2400 | **Interpreted Size:**  No Change  **Growth last period:**  None |
| **Flight Time:**  2011 PDT  **Flight Date:**  9/22/2015 | **Interpreter(s) location:**  Denver, CO  **Interpreter(s) Phone:**  303-517-7510 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  208-387-5381 |
| **Ordered By:**  Sean Johnny (IC) | **A Number:**  90 | **Aircraft/Scanner System:**  144Z / Phoenix | **Pilots/Techs:**  Johnson/Lowrey/Kuenzi |
| **IRIN Comments on imagery:**  Orthorectification was off. | | **Weather at time of flight:**  Clear | **Flight Objective:**  Identify and map heat perimeter and heat sources. |
| **Date and Time Imagery Received by Interpreter:**  9/22/2015 2115 PDT | | **Type of media for final product:**  Shapefiles, KMZ, PDFs, and IRIN Log  **Digital files sent to:**  [http://ftp.nifc.gov/incident\_specific\_data/calif\_n/! 2015 FEDERAL Incidents/CA-SHF-002108\_South\_Complex/IR/20150923](http://ftp.nifc.gov/incident_specific_data/calif_n/!%202015%20FEDERAL%20Incidents/CA-SHF-002108_South_Complex/IR/20150923) | |
| **Date and Time Products Delivered to Incident:**  9/23/2015 0515 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Only isolated heat was detected tonight, with an attempt to place every heat source accurately.  Started out the interpretation with the IR heat perimeter from the last flight. There were two heat sources outside the perimeter on the Pattison fire. Two new small polygons of heat perimeter were added around the heat sources to make it easier to track them. They were located in the unburned area between two areas that previously burned, on the east side of Gates Creek on a west facing slope in the SW corner of section 1, just downhill to the west of trail 3N46. It may be that this whole slope has burned, but it wasn’t possible to detect with the current IR flight.  There were four heat sources outside the perimeters that did not appear to be associated with the South Complex. One was to the south of the fire, and seemed to be associated with structures outside of Hyampom, in section 26 NE quarter. Another was to the NW in the NW quarter of section 15, again near structures. The other two were to the NE of the fire, along the river. One was just NE of the Hayden Flat Campground, along the power line and was possibly a vehicle on a road. The other was near Del Loma right along the river.  Additionally, two heat sources were detected within the Route Complex perimeter and these were included on the map.  The rest of the isolated heat sources were all inside of the South Complex perimeters and were mapped as accurately as possible.  Please call me at the number above, if you have questions or feedback. | | | |