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| **Incident Name:**  BUCK FIRE  CA-SHF-001850 | **IR Interpreter(s):**  Kurt Teuber  kteuber@att.net | **Local Dispatch Phone:**  RICC (530) 226-2400 | **Interpreted Size:**  13,434 acres  **Growth last period:**  17 acres |
| **Flight Time:**  2006 PDT  **Flight Date:**  10/24/2017 | **Interpreter(s) location:**  South Lake Tahoe, CA  **Interpreter(s) Phone:**  530-386-0685 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-842-3845 |
| **Ordered By:**  Glen Tingley  530-768-4785 | **A Number:**  A-127 | **Aircraft/Scanner System:**  N144Z/Phoenix | **Pilots/Techs:**  Pilots: Boyce, Johnson  Tech: Woody |
| **IRIN Comments on imagery:**  Good imagery. One strip, E-W. | | **Weather at time of flight:**  Clear. | **Flight Objective:**  Heat detection and mapping |
| **Date and Time Imagery Received by Interpreter:**  10/24/2017 @ 2016 PDT | | **Type of media for final product:**  GeoPDF maps, Zipped Shapefiles, IR Log file, KMZ file.  **Digital files sent to:**  <http://ftp.nifc.gov/incident_specific_data/calif_n/!2017%20FEDERAL_Incidents/CA-SHF-001850_Buck/IR/20171025> | |
| **Date and Time Products Delivered to Incident:**  10/25/2017 @ 0030 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I began mapping using the most recent perimeter from the incident (EventPolygon from 2017\_Buck\_CASHF1850.gdb, dated 10/24/17). Updates were made only where heat was detected outside the previously mapped perimeter.    Some minor edits were made to the perimeter along the eastern edge of the fire, in Pettijohn Basin.  Three areas of scattered heat were found within the perimeter: in the southwestern corner of the fire near Hermit Rock, in the southeastern corner in Cedar Basin, and along the eastern edge south of Stuart Gap.  Many dispersed isolated heat sources were found across the middle of the fire, especially on the north-facing slope above the East Fork of the South Fork of the Trinity River, and below Black Rock Mtn. Otherwise, only a few isolated heat sources were found at the northern and southern extremes of the fire.  Please let me know if there are any questions, comments or requests for additional IR products. I appreciate any feedback.  Thank you,  Kurt Teuber (IRIN)  530-386-0685  kteuber@att.net | | | |