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| **Incident Name:**  CEDAR  CA-SQF-2595 | **IR Interpreter(s):**  Kurt Teuber  kteuber@fs.fed.us | **Local Dispatch Phone:**  Porterville  559-781-5780 | **Interpreted Size:**  7,767 acres  **Growth last period:**  6,148 Acres |
| **Flight Time:**  2202 PDT  **Flight Date:**  08/18/2016 | **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:**  505-301-8167 |
| **Ordered By:**  Tad Morelock 760-963-9229 | **A Number:**  A-68 | **Aircraft/Scanner System:**  N144Z/Phoenix | **Pilots/Techs:**  Johnson/Nelson/Navarro |
| **IRIN Comments on imagery:**  Good, clear imagery. Two strips. Extreme heat signatures and much halo effect observed. | | **Weather at time of flight:**  Clear | **Flight Objective:**  Heat detection & mapping |
| **Date and Time Imagery Received by Interpreter:**  08/18/2016 2230 PDT | | **Type of media for final product:**  PDF Maps, shapefiles, Word doc (this log), kmz.  **Digital files sent to:**  [ftp.nifc.gov/incident\_specific\_data/calif\_s/2016\_Incidents/CA-SQF-002595\_Cedar/IR/20160819](ftp://ftp.nifc.gov/incident_specific_data/calif_s/2016_Incidents/CA-SQF-002595_Cedar/IR/20160819)  [tad.morelock@gmail.com](mailto:tad.morelock@gmail.com)  john.mosley@bia.gov | |
| **Date and Time Products Delivered to Incident:**  Heat Perimeter: 08/18/2016 2320 PDT  Final IR products: 08/19/2016 0120 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I started with the Heat Perimeter from the previous evening, after discussing with GISS.  The fire has grown significantly in the last 24 hours, more than doubling in size. Most of the growth has occurred to the north, west, and southeast. Large areas of intense heat were found along the west side from Cedar Creek up to Portuguese Peak to nearly Bull Run Peak. On the north end, the heat is especially intense, and the fire has advanced beyond Schultz Creek and into the Bull Run Creek drainage, nearly to Tyler Meadow. A long stringer of intense heat was located along the east side on the ridge between Deep Creek and Schultz Creek. A large pocket of intense heat was found in the southeastern part of the fire, on the slopes above Calf Creek, and below Black Mountain Saddle.  There was an increase in spotting observed outside the perimeter, especially in the area around Portuguese Pass. One spot fire was found about ½ mile west of the main perimeter, downhill from Cold Spring on Rd. 23S16, and uphill and southeast from the Spear Creek Summer Home Tract.  The interior of the fire is burning less intensely, but is still mostly scattered heat. The area covered by the previous perimeter is now a mix of scattered heat and isolated heat sources.  Please let me know if there are any questions, comments, or requests for additional IR products. Thank you.  Kurt Teuber  530-386-0685  kteuber@fs.fed.us | | | |