|  |  |  |  |
| --- | --- | --- | --- |
| **Incident Name:**  CEDAR  CA-SQF-2595 | **IR Interpreter(s):**  Kurt Teuber  kteuber@fs.fed.us | **Local Dispatch Phone:**  Porterville  559-781-5780 | **Interpreted Size:**  1,619 acres  **Growth last period:**  N/A – first mapping |
| **Flight Time:**  2127 PDT  **Flight Date:**  08/17/2016 | **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:**  5sphillips | **A Number:**  A-41 | **Aircraft/Scanner System:**  N144Z/Phoenix | **Pilots/Techs:**  Johnson/Nelson/Navarro |
| **IRIN Comments on imagery:**  Good, clear imagery. One strip. 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:**  08/17/2016 2145 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/20160818](ftp://ftp.nifc.gov/incident_specific_data/calif_s/2016_Incidents/CA-SQF-002595_Cedar/IR/20160818)  tad.morelock@gmail.com | |
| **Date and Time Products Delivered to Incident:**  08/17/2016 2355 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  First infrared mapping of this fire.  There was no initial perimeter from the incident, so the entire perimeter was delineated based on infrared heat trips. Since most of the fire was mapped as Intense Heat, this provided a relatively sharp boundary for the perimeter, especially to the north and east. At the southwest corner of the fire (above Hwy 155, near the Cedar Creek Campground), there is some scattered heat and isolated heat sources, and the perimeter is less distinct.  Generally, the fire appears to be stretched in a linear pattern from Cedar Creek, northeast into the Cow Creek and Deep Creek drainages. The fire is roughly 4 miles from the southwest to northeast tip. Except for a small area of cooler terrain just above Hwy 155, the fire is almost all Intense Heat and appears to be very active in the northeast, especially on the slopes above Cow Creek. The infrared imagery showed extreme heat signatures in this area.  Recommend moving the scan box slightly north for tomorrow’s flight.  Please let me know if there are any questions, comments, or suggestions for improving the IR products. Thank you.  Kurt Teuber  530-386-0685  kteuber@fs.fed.us | | | |