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| **Incident Name:**BUCK FIRECA-SHF-001850 | **IR Interpreter(s):**Kurt Teuberkteuber@att.net | **Local Dispatch Phone:**RICC (530) 226-2400 | **Interpreted Size:**13,372 acres**Growth last period:**23 acres (since last mapping) |
| **Flight Time:**2152 PDT**Flight Date:**10/21/2017 | **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:**Jim Grace**National Coord. Phone:**541-771-4521 |
| **Ordered By:**Glen Tingley530-768-4785 | **A Number:**A-122 | **Aircraft/Scanner System:**N-144Z/Phoenix | **Pilots/Techs:**Pilots: Boyce, NelsonTech: Jill Kuenzi |
| **IRIN Comments on imagery:**Good imagery. Two strips, E-W. | **Weather at time of flight:**Cloudy | **Flight Objective:**Heat detection and mapping |
| **Date and Time Imagery Received by Interpreter:**10/21/2017 @ 2210 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/20171022](http://ftp.nifc.gov/incident_specific_data/calif_n/%212017%20FEDERAL_Incidents/CA-SHF-001850_Buck/IR/20171022) |
| **Date and Time Products Delivered to Incident:**10/22/2017 @ 0040 PDT |
| **Comments /notes on tonight’s mission and this interpretation:**This was the first infrared mapping since 10/18/2017, 3 nights earlier. I began mapping using the latest perimeter from the incident (2017\_Buck\_CASHF1850\_20171019.gdb). Updates to the perimeter were made only where detected heat had moved beyond the previously mapped perimeter.The fire was heavily cloud-covered tonight, probably about 75% obscured. There were some minor edits to the perimeter along the eastern edge near North Yolla Bolly Lake. Some scattered heat was detected in this area also. A number of isolated heat sources, and a small polygon of scattered heat, were found in the eastern half of the fire (the most visible portion of the imagery). A few more hot spots were found in the southwest corner of the perimeter, but a large area on the western half of the fire was covered by clouds which probably obscured additional heat sources. I would recommend another flight under better weather conditions to get a better mapping of the actual heat remaining on the ground.Three hot spots were located just outside the perimeter and labelled with Lat/Long coordinates. Two of these (White Rock Campground and Penny Ridge) may not be fire-related, but one point in Cedar Basin is likely a spot.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)530-386-0685kteuber@att.net |