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| **Incident Name:**  Fork Complex  (CA-SHF-002067)  Picket Fire  (CA-SRF-001433) | **IR Interpreter(s):**  Chad Horman  [chorman@fs.fed.us](mailto:chorman@fs.fed.us) | **Local Dispatch Phone:**  (530-226-2400) | **Interpreted Size:**  Fork Complex: 36,498 Acres  Pickett Fire: 10,985 Acres  **Growth last period:**  + 0 Perimeter Increase |
| **Flight Time:**  2303 PDT  **Flight Date:**  10/6/15 | **Interpreter(s) location:**  Cedar City, UT  **Interpreter(s) Phone:**  Desk: 435-865-3731  Cell: 435-590-6088 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  Desk: 505-842-3845  Cell: 505-301-8167 |
| **Ordered By:**  Adam Dummer  530-623-1873 | **A Number:**  184 | **Aircraft/Scanner System:**  N149Z/Phoenix | **Pilots/Techs:**  D. Boyce/J. Watts/A. Scarpachee |
| **IRIN Comments on imagery:**  Clear and good orthorectification | | **Weather at time of flight**  Clear | **Flight Objective:**  Map heat perimeter, intense heat, scattered heat, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**  10/7/15 @ 0130 MDT | | **Type of media for final product:**  Pdf maps x 3, kmz, ir log and shapefiles  **Digital files sent to:**  ftp.nifc.gov/incident\_specific\_data/calif\_n/!2015\_FEDERAL\_Incidents/CA-SHF-002067\_Fork\_Complex/IR/20151007 | |
| **Date and Time Products Delivered to Incident:**  10/7/15 @ 0430 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started with IR heat from 10/05 as a base to start tonight's interpretation. Used runs 1-3 of Fork\_River\_South\_Route imagery for the Fork Complex and used the Fork\_Complex 1b for the Pickett Fire. This log includes information for both the Fork Complex and the Pickett Fire.  **Fork Complex**  No change in perimeters of any of the fires in the complex. No scattered or intense heat in any of the polygons. Isolated heat continues to occur within the Barker, Peak, Rail, Sheil and Blue Fires. There were a total of 64 isolated heat sources across the complex. There were 13 potential heat sources mapped in the vicinity. Most of them were observed in the previous flight. They all seem to be associated with roads, buildings or campgrounds. Locations are in the shapefile 20151006\_2303\_ForkComplex\_PotentialHeat and in the Potential Heat map. In the shapefiles for both potential and isolated heat sources there are X/Y coordinates that can be loaded into a GPS device if desired.  **Pickett Fire**  The scan box for the Pickett Fire needs to be extended to the east. Unable to map the entire fire. No change in perimeter of the fire. No scattered or intense heat either. There are 39 isolated heat sources scattered throughout the interior. X/Y coordinates can be found in the isolated heat shapefile.  Please call Chad at the number above, if you have questions or feedback. | | | |
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