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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:**  1132 PDT  **Flight Date:**  10/04/15 | **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:**  Brad Shuette IC (t)  (530-628-1207) | **A Number:**  183 | **Aircraft/Scanner System:**  N144Z/Phoenix | **Pilots/Techs:**  D. Boyce/E. Netcher/A. Scarpachee |
| **IRIN Comments on imagery:**  Very good orthorectification. Some streaking across images. | | **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:**  10/5/15 @ 0132 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/20151005 | |
| **Date and Time Products Delivered to Incident:**  10/5/15 @ 0330 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started with IR heat from 10/02 as a base to start tonight's interpretation. This log includes information for both the Fork Complex and the Pickett Fire.  **Fork Complex**  The Fork Complex displayed no perimeter increase (remains 36,498 acres). There are a total of 62 isolated heat sources. All are scattered throughout the interior of the fire except for one. It is on the north tip of the Blue Fire. I mapped it as isolated heat and included it in the map layer due to its proximity to the perimeter. There were 16 other isolated heat sources found outside of the fire perimeter; these isolated heat sources were found outside the northwest edge of the Blue fire, south/southeast of the Shiell Fire, north of Rail Fire (in-between the Barker and Rail fires), and north of the Barker Fire. These isolated heat sources appear to be associated with road, buildings and/or campgrounds. The one potential heat that is of concern is the one located at 1230 11’ 7.009” W, 400 35’ 27.405” N (4.6 miles west of the Barker Fire and 4 miles north of Peak Fire). This heat did not appear near any obvious roads or structures. They were mapped as Potential Heat and included as a separate shapefile as well as included on a separate map. Both isolated heat and potential heat points were given X/Y coordinates, so Operations may download into GPS and navigate to these areas.  **Pickett Fire**  No perimeter growth from previous IR perimeter (remains 10,985 acres). There are a total of 36 isolated heat sources, all interior. The far eastern edge of the burn area was not able to be mapped because it was outside the scan box area. For future flights the box will need to be extended to the east. There was one potential heat source located across the river on the west of the burn area that was not in the perimeter of the Gobbler Fire. It is not immediately adjacent to any roads or structures. It is included on the IR map. The X/Y coordinates are in the potential heat shapefile.    Please call Chad at the number above, if you have questions or feedback. | | | |
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