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| **Incident Name:**  Middle Fire  Jakes Fire  CA-SHF-001196 | **IR Interpreter(s):**  Jen Frazer  Jennifer\_frazer@firenet.gov | **Local Dispatch Phone:**  RICC  530-226-2400 | **Interpreted Size (Growth):**  Middle: 1,339 Acres (<1ac)  Jakes: 9 acres  (no change from IR heat) |
| **Flight Time:**  1952 PDT  **Flight Date:**  9/23/2019 | **Interpreter(s) location:**  White Sulphur Springs, MT  **Interpreter(s) Phone:**  C: 203-695-1207  W: 406-547-6010 | **GACC IR Liaison:**  Kyle Felker, CA  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  Cell 505-301-8167 |
| **Ordered By:**  STIL, Eric Black  Eric\_black@firenet.gov  850-838-6013 | **A Number:**  A - 46 | **Aircraft/Scanner System:**  N149Z/Phoenix | **Pilots/Techs:**  Tech: Kristina |
| **IRIN Comments on imagery:**  Clear, Aligned well.  Middle: 1 scan, E-W orientation. Great look at both sides of the fire.  Jakes: 1 scan. Little distorted due to terrain. Interpreted by vegetation. | | **Weather at time of flight:**  Clear | **Flight Objective:**  Map heat perimeter, scattered and intense heat and isolated heat sources |
| **Date and Time Imagery Received by Interpreter:**  9/23/2019 2000 PDT | | **Type of media for final product:**  Digital: Georeferenced PDF Map, KMZ and shapefiles for data and Log .doc  **Digital files sent to:** [ftp.nifc:/incident\_specific\_data/ calif\_n/!2019\_FEDERAL\_Incidents/CA-SHF-00017\_Cutthroat\_Middle\_Ramshorn/IR/](ftp://ftp.nifc:/incident_specific_data/%20calif_n/!2019_FEDERAL_Incidents/CA-SHF-00017_Cutthroat_Middle_Ramshorn/IR/)  email: [eric\_black@firenet.gov](mailto:eric_black@firenet.gov); luke.floch@usda.gov  jill\_johnson@firenet.gov | |
| **Date and Time Products Delivered to Incident:**  9/23/2019 2140 PDT  NOTE: Text Luke Floch (GISS) if any problems. They come in at 0400 to get shapefiles. 406-396-4183 | |

**Comments /notes on tonight’s mission and this interpretation:**

Mapping includes Middle and Jakes fires. IR interpretation started with the perimeters from last IR interpretation. No change observed on EGP at 2030 on 20190923 for Middle fire. Jakes did not seem to incorporate the heat perimeter from 20160920- will follow up.

**Middle:** Small gain in heat perimeter (<1ac). Area is in the un-named ravine between Canyon Creek Trailhead and Ripstein Campground. No heat was observed west of the road; the road was clearly visible in the imagery. All other isolated [active] heat sources identified on the map, Lat/Longs in attribute table. Possible Heat sources are points which may have recently cooled. Heat is all within perimeter. Most heat on the fire was in the SW quadrant, a couple in the middle, and one the northern portion of the fire. The scattered heat was an area in the imagery which appeared to have flecks of recently cooled heat, largest was at the southern tip. Isolated heat sources within this polygon where ‘active.’

No was heat observed within the Weaverville Ranger District (east of the divide).

**Jakes**: Four isolated heat sources within heat perimeter. Lat/Long on map.