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| **Incident Name:**  Middle Fire  CA-SHF-001196 | **IR Interpreter(s):**  Jen Frazer  Jennifer\_frazer@firenet.gov | **Local Dispatch Phone:**  RICC  530-226-2400 | **Interpreted Size (Growth):**  Middle: 1,328 Acres (+ 34) |
| **Flight Time:**  2156 PDT  **Flight Date:**  9/16/2019 | **Interpreter(s) location:**  White Sulphur Springs, MT  **Interpreter(s) Phone:**  203-695-1207  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, Elizabeth Younger  Elizabeth.younger@usda.gov  530-945-0166 | **A Number:**  35 | **Aircraft/Scanner System:**  N149Z/Phoenix | **Pilots/Techs:**  Chris/Mike |
| **IRIN Comments on imagery:**  Clear, Aligned wonderfully. | | **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:**  9/16/2019 2210 PDT | | **Type of media for final product:**  Digital: Georeferenced PDF Map, KMZ and shapefiles for data and Log .doc  **Digital files sent to:**  <https://ftp.nifc.gov/public/incident_specific_data/calif_n/!2019_FEDERAL_Incidents/CA-SHF-00017_Cutthroat_Middle_Ramshorn/IR/>  email: Elizabeth.younger@usda.gov, [terry.williamson@usda.gov](mailto:terry.williamson@usda.gov), [stholmesgic@gmail.com](mailto:stholmesgic@gmail.com) | |
| **Date and Time Products Delivered to Incident:**  9/16/2019 2340 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 fire. IR interpretation started with the perimeter on the EGP at 2030 on 20190916 (1294 acres). Perimeter reflects growth collected by Cobra IR flights and recon flights by SITL. Mission Objective is to map all existing heat, especially in detail on east flank.

**Middle:** Most heat on the fire was in the SW quadrant, advancing towards the Lower Canyon Creek Meadows. Did not observe heat south of the ridge in the vicinity of Tip Top Mine. Of importance to note were two heat signatures west of the road on the west flank. I did not see enough heat to determine if the perimeter extended across the road in that location. On the east flank, all areas of heat were designated with scattered or intense heat. I did not observe heat in many of the polygons identified in the Cobra IR flight, but these did fall in areas of finer fuels, so they could have cooled. In the NE corner I observed one signature of heat, which is identified on the map. Along the northern edge, there is still heat, one is along the perimeter and caused a small expansion in that location.