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| **Incident Name:**  416 Fire  CO-SJF-000416 | **IR Interpreter:**  Bob Brantlinger  rbrantlinger@fs.fed.us | **Local Dispatch Phone:**  Durango  970-385-1324 | **Interpreted Size:**  34,224 Acres  **Growth last period:**  + 40 Acres |
| **Flight Time:**  2226 MDT  **Flight Date:**  06/21/2018 | **Interpreter(s) location:**  Durango, CO  **Interpreter(s) Phone:**  970-769-6551 | **GACC IR Liaison:**  Elise Bowne  **GACC IR Liaison Phone:**  303-275-5209 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  Tara Umphries, SITL(t)  1-720-618-2543 | **A Number:**  A-138 | **Aircraft/Scanner System:**  N149Z/Phoenix | **Pilots/Techs:**  Don-Ed / Kaz |
| **IRIN Comments on imagery:**  Clear, 2 runs, Good registration. | | **Weather at time of flight:**  Clear | **Flight Objective:**  Map Heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**  06/21/2018 2330 MDT | | **Type of media for final product:**  Shapefiles, PDF maps, IR Log and KMZ file.  **Digital files sent to:**  ftp.nifc.gov/incident\_specific\_data/rocky\_mtn/2018/416/IR/20180622 | |
| **Date and Time Products Delivered to Incident:**  06/22/2018 0330 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Interpretation was started from previous night’s IR perimeter named: “20180621\_0116\_416\_HeatPerimeter” - 34,184 Acres.  End: 34,224 Acres  Start: 34,184 Acres  Growth: 40 Acres  Perimeter growth of 40 acres was from westerly expansion of perimeter in the Southwestern facing slope of North Hope Creek. This area contains Intense Heat. Another area of westerly expansion was on the east side of Hermosa creek north of East Deer Creek. This area also contains Intense Heat. Smaller Areas along western perimeter of fire that included Isolated heat sources along/outside perimeter into the heat perimeter.  Intense Heat – Largest areas in northwestern area of fire along with perimeter growth.  Scattered Heat – Small pockets along western flank, well inside interior along southwest facing ridges.  Isolated Heat Sources – Throughout the interior. Few on Eastern half of fire.  Lat/Long was added to the shapefile attribute table for all isolated heat points. All maps are georeferenced for use in Avenza and other apps. | | | |