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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:**  34,162 Acres  **Growth last period:**  1 Acre |
| **Flight Time:**  2201 MDT  **Flight Date:**  06/18/2018 | **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:**  Cody Wienk, SITL | **A Number:**  A-134 | **Aircraft/Scanner System:**  N149Z/Phoenix | **Pilots/Techs:**  Dan/Ed/Josh |
| **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:**  06/18/2018 2300 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/20180619 | |
| **Date and Time Products Delivered to Incident:**  06/18/2018 0330 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Interpretation was started from previous night’s IR perimeter named: “20180617\_2145\_416\_HeatPerimeter”. - 34,161 Acres.  End: 34,162 Acres  Start: 34,161 Acres  Growth: 1 Acres  Perimeter growth of 1 acre was from including Isolated heat sources along/outside perimeter into the heat perimeter in the Northwest flank of fire.  There were 4 Isolated Heat sources outside Heat perimeter, These were annotated on map and identified in the isolated heat source shapefile as “Outside” for location.   1. On unnamed tributary west of Hermosa Creek, Between Salt and Deer Creeks. 2. Approx. ¾ miles west heat perimeter in/along the North Hope Creek Drainage, near creek. 3. West of heat perimeter (Approx. 1 mile west) in the area of the confluence of South Fork Hermosa Creek and Bear Creek. Just North of the Bear Creek Trail. 4. West of main Heat perimeter Approx. .42 miles, east of South Fork trail in unnamed tributary of South fork Hermosa Creek. Just west of largest expansion west of perimeter, 1 ½ miles north of Clear Creek trailhead.   Only Isolated Heat was visible in the scans.  Intense Heat – No Intense heat on scans  Scattered Heat – No Scattered heat on scans  Isolated Heat Sources – Throughout the interior and 4 “Outside” noted above. 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. | | | |