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| **Incident Name:**Junkins#CO-CUX-002046 | **IR Interpreter(s):**Bob Brantlinger | **Local Dispatch Phone:**Pueblo719-553-1607 | **Interpreted Size:**17,977 Acres**Growth last period:**72 Acres (from incident provided perimeter) |
| **Flight Time:**2154 MDT**Flight Date:**10/27/2016 | **Interpreter(s) location:**San Juan National ForestDurango, Colorado**Interpreter(s) Phone:**970-769-6551 | **GACC IR Liaison:**Melinda McGann**GACC IR Liaison Phone:**303-275-5211 | **National Coordinator:**Tom Mellin**National Coord. Phone:**505-842-3845 |
| **Ordered By:**Sean Triplett | **A Number:**A# 55 | **Aircraft/Scanner System:**N149Z / Phoenix | **Pilots/Techs:**Left: Dan JohnsonRight: Matt SmithTech: Rob Navarro |
| **IRIN Comments on imagery:**3 Passes, Ortho and color, Run 2 had a lot of false trips to north but had excellent imagery within fire perimeter, Used all 3. | **Weather at time of flight:**Clear | **Flight Objective:**Map Heat Perimeter, Intense Heat, Scattered Heat, Isolated Heat Sources |
| **Date and Time Imagery Received by Interpreter:**10/27/2016 –2245 MDT | **Type of media for final product:**shapefiles, KMZ,PDF’s, IR log**Digital files sent to:**http://ftp.nifc.gov/incident\_specific\_data/rocky\_mtn/2016/Junkins/IR/20161028 |
| **Date and Time Products Delivered to Incident:**10/27/2016 –0045 MDT |
| **Comments /notes on tonight’s mission and this interpretation:**Started tonight’s interpretation with perimeter from Incident -20161027\_1958\_Junkins\_COCUX2046\_ics\_ply\_u13nad83. Projection was WGS84. -- NAD83 Zone 13 Acres – 17,905 Acres.Edited and posted perimeter in GCS\_WGS\_84.Imagery was very clear and sensitivity for heat trips was set high. Because of this, heat signatures trips were more than previous nights.Perimeter growth was 72 acres, Primarily located in the Northern leg (Div C) of fire on the Northeaster perimeter, On the North of Middle Hardscrabble Trail 1328. Heat has been moving east along Middle Hardscrabble trail 1328 as burn out operations continue. Most heat in the eastern portion.Intense Heat – - On the North side of Middle Hardscrabble Trail 1328 (eastern side , Secs 05, 04), large areas of intense heat in this area,  Most likely associated with burning activities. - Small polygon in the southern headwaters of Cross Creek. Created hole in main perimeter.Scattered Heat – * Multiple areas north of Rd 383A and North CreekTrail1325 in Sections 28 and 27, along ridge east of Round Top Mountain Western Ridgetop of Left hand Fork of N creek (Multiple polygons). This area has persisted for the last week.

Isolated Heat –* More than previous IR scans as described above. More heat trips (than previous nights) in the interior western perimeter than expected. No isolated heat outside perimeter. All Isolated heat points attributed with Lat/Long in the shapefile attribute table.
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