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| **Incident Name:**  Calwood  (CO-BLX-1036) | **IR Interpreter(s):**  Steve Penny  stephen.penny@usda.gov | **Local Dispatch Phone:**  CO-FTC (970-296-6800) | **Interpreted Size:**  8,788 Acres  **Growth last period:**  NA – first operational period |
| **Flight Time:**  2258 MDT  **Flight Date:**  10/17/2020 | **Interpreter(s) location:**  McCall, ID  **Interpreter(s) Phone:**  208-315-3729 (Steve) | **GACC IR Liaison:**  Elise Bowne  **GACC IR Liaison Phone:**  303-275-5209 | **National Coordinator:**  Jan Johnson  **National Coord. Phone:**  801-975-3762 |
| **Ordered By:**  Boulder County IMT3 | **A Number:**  A-815 | **Aircraft/Scanner System:**  149Z / Phoenix | **Pilots/Techs:**  Tech: Jill K. |
| **IRIN Comments on imagery:**  Good clear image, one strip, no georeferencing needed | | **Weather at time of flight:**  clear | **Flight Objective:**  Map heat perimeter, intense, scattered, and isolated heat. |
| **Date and Time Imagery Received by Interpreter:**  Jpeg accessed for a quick perimeter at 2340 MDT 10/17/2020 and the rest at 0030 MDT 10/18/2020 | | **Type of media for final product:**  Shapefiles, KMZs, PDF maps, IR log  **Digital files sent to:**  [ftp.nifc.gov//incident\_specific\_data/rocky\_mtn/2020/Calwood/IR/20201018](ftp://ftp.nifc.gov//incident_specific_data/rocky_mtn/2020/Calwood/IR/20201018)  Tricec@bouldercolorado.gov | |
| **Date and Time Products Delivered to Incident:**  Initial quick perimeter 0040 MDT, a follow-up perimeter at 0130 MDT and the rest of the files at 0315 MDT, all on 10/18/2020 | |
| **Comments /notes on tonight’s mission and this interpretation:**  The fire started today so this is the first IR interpretation. I started with a perimeter supplied by the Incident. The coordinate system is NAD83 UTM z13N.  The files were slow to upload to the ftp from the plane, but a jpeg of the image posted first and a quick perimeter was emailed to Chris, GISS, at 0020 10/18/2020.  Intense, scattered and isolated heat were mapped. Intense heat occurred over most of the fire perimeter on the north and south sides. Scattered heat occurred all through the fire outside of the intense heat and isolated heat was primarily mapped on the east side. A spot fire that was included in the incident provided perimeter about 0.9 miles east of the southeast corner of the perimeter did not show heat. And another one 1.6 miles east of it also did not show heat. The spot south of Lykins Gulch did show heat in the IR image. | | | |