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| **Incident Name:**  Gibralter Ridge  MT-KNF-000161 | **IR Interpreter(s):**  Bob Brantlinger  [rbrantlinger@fs.fed.us](mailto:tstauffer@fs.fed.us)  970-769-6551 | **Local Dispatch Phone:**  Kootenai Dispatch  **406-283-7740** | **Interpreted Size:**  5,109 Acres  **Growth last period:**  + 117 Acres from Incident perimeter of 08/26/2017 |
| **Flight Time:**  2150 MDT  **Flight Date:**  8/26/2017 | **Interpreter(s) location:**  Durango, CO.  **Interpreter(s) Phone:**  970-769-6551 | **GACC IR Liaison:**  Tim Stauffer  **GACC IR Liaison Phone:**  406-529-6366 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  Jamey Graham  406-529-6366 | **A Number:**  A-52 | **Aircraft/Scanner System:**  N144Z/Phoenix | **Pilots/Techs:**  Ramsey/Johnson/Navarro |
| **IRIN Comments on imagery:**  Clear, One Pass, Ortho and Color | | **Weather at time of flight:**  Clear | **Flight Objective:**  Map heat perimeter, acreage, intense, scattered, isolated heat |
| **Date and Time Imagery Received by Interpreter:**  8/26/2017, 2215 MDT | | **Type of media for final product:**  Shapefiles, pdf map, kmz, IR log  **Digital files sent to:**  NIFC FTP: /incident\_specific\_data/n\_rockies/2017\_fires/2017\_GibralterRidge/IR/20170827 | |
| **Date and Time Products Delivered to Incident:**  8/26/2017, 2345 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  **\*\*\*\*\*\* Isolated heat source located far away from heat perimeter. On ridge west of Rd 114 and Graves Creek. Northeast of the confluence of Cat Creek and Graves Creek ~ ½ mile. I placed callout on map with Lat/Long coordinates.\*\*\*\*\*\***  **W 114° 48' 11.410"**  **N 48° 52' 30.592**  - Started tonight’s interpretation with Incident provided perimeter labeled: “Fire Polygon” in the database named: “ 2017\_Gibralter Ridge\_MT-KNF000161\_FIMT10011.gdb”    Acres = 4,992 Acres. Ended – 5,109 Acres - +117 Acres  Perimeter growth primarily in the northeast Flank of the fires. Gibraltar Ridge northeast to Cat creek contained new growth. On the North side of Cat Creek to almost South Fork Clarence creek, (Ridge south of Mount Scotty) had new growth. These were mostly small downhill bump outs to the existing perimeter    Intense Heat – In the areas of new perimeter growth. In the most northeastern fire, it was on the eastern flank. In the original polygon it was on the Northeast Flank.  Scattered Heat – Small pockets along the eastern perimeters, alternating between areas that experienced new growth (Intense heat) and the areas where the perimeter remained the same (Scattered Heat).In the southern polygon, primarily in the northeast flank, with the valley bottoms southwest of Gibraltar ridge still containing some scattered heat.  - 2 maps, KMZ, shapefiles and log included in upload to ftp and texted SITL when on FTP Site.  - All maps are georeferenced for use in Azenza and other apps  -All Isolated heat source points have Lat/Long calculated in the shapefile attribute table | | | |