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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:**  5,945 Acres  **Growth last period:**  + 835 Acres from Incident perimeter of 08/28/2017 |
| **Flight Time:**  0130 MDT  **Flight Date:**  8/30/2017 | **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:**  Jan Johnson  **National Coord. Phone:**  208-387-5900 |
| **Ordered By:**  Jamey Graham  406-529-6366 | **A Number:**  A-54 | **Aircraft/Scanner System:**  N144Z/Phoenix | **Pilots/Techs:**  Ramsey/Johnson/Kazimir |
| **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:**  8/30/2017, 0215 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/20170830 | |
| **Date and Time Products Delivered to Incident:**  8/26/2017, 0430 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  **\*\*\*\*\*\* 2 Spot fires with Intense heat. On ridge west of Rd 114 and Graves Creek. Northeast of the confluence of Cat Creek and Graves Creek ~ ½ mile\*\*\*\*\***  - Started tonight’s interpretation with Incident provided perimeter labeled: “Fire Polygon” in the database named: “ 2017\_Gibralter Ridge\_MT-KNF000161\_FIMT10011.gdb”    Start = 5,110 Acres. Ended – 5,945 Acres - + 835 Acres  Perimeter growth primarily in the northeast flank of the fire. The two fires have merged together. Gibraltar Ridge northeast to Cat creek contained new growth. On the North side of Cat Creek to almost South Fork Clarence creek, This growth was mostly downhill towards and east of Rd 114. Appears to be part of a burn out operation. Two spot fires (as mentioned above) are on the east side of Grave Creek.    Intense Heat – In the areas of new perimeter growth on the eastern flank. In the original polygon it was on the Northeast Flank. Concentrated and up the Cat Creek Drainage.  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 | | | |