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| **Incident Name:**  Burro Fire  CO-SJF-000509 | **IR Interpreter:**  Bob Brantlinger  rbrantlinger@fs.fed.us | **Local Dispatch Phone:**  Durango  970-385-1324 | **Interpreted Size:**  3,408 Acres  **Growth last period:**  579 Acres from GIS perimeter 20180613\_2232 |
| **Flight Time:**  2247 MDT  **Flight Date:**  06/13/2018 | **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:**  Tara Umphries  720-618-2543 | **A Number:**  A-41 | **Aircraft/Scanner System:**  N149Z/Phoenix | **Pilots/Techs:**  Netcher/Boyce/Josh |
| **IRIN Comments on imagery:**  Cloudy, 1 run. Fire in middle of the image. Good registration. | | **Weather at time of flight:**  Very Cloudy | **Flight Objective:**  Map Heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**  06/13/2018 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/Burro/IR/20180614 and emailed to [walker\_feigal-henry@contractor.nps.gov](mailto:walker_feigal-henry@contractor.nps.gov) and durangodispatch@gmail.com | |
| **Date and Time Products Delivered to Incident:**  06/13/2018 0400 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Fire was covered with varied light and heavy clouds so IR was muted and had some false heat hits and areas were the heat was not recorded due to clouds. Clouds absorb IR signals and resolution is dependent on moisture content and intensity. Overall less intensity than is probably on the ground.  Started Interpretation with Incident GIS perimeter named: “Event Poly”, dated 20180613\_2232. 2,829 Acres.  End: 3,408 Acres  Start: 2,829 Acres  Growth: 579 Acres  Heat perimeter growth primarily in the southeastern perimeter, between the Grindstone and Bear Creek trails, west of Montezuma and La Plata county line. The eastern portions of this area contain intense heat.  Large spot fire at the end of FSR 426 C1. In unnamed tributary of Rough Canyon on northeastern facing slope.  4 Isolated heat sources outside perimeter along ridge between Bear Creek trail and FSR 438, Southeast of Munson Gulch and Northwest of Little Bear Creek Trail.    Heat perimeter is contained between FSR 561 and Little bear creek trail  Intense heat exists along perimeter areas of new growth and all spot fires.  Scattered heat primarily behind areas of Intense heat and new growth  Isolated Heat Sources – Many throughout the interior behind intense and scattered heat. 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. | | | |
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