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| **Incident Name:**  Crown Mountain  **Incident ID:**  MT-HLF-005149 | **IR Interpreter(s):**  Nate Yorgason  **IRIN email:**  Nathan.yorgason@usda.gov | **Local Dispatch Phone:**  Great Falls  **Phone:**  406-731-5300 | **Interpreted Size:**  1,379 acres  **Growth last period:**  6 acres |
| **Flight Time:**  1918 MDT  **Flight Date:**  2021-10-17 | **Interpreter(s) location:**  Idaho Falls, ID  **Interpreter(s) Phone:**  (208) 557-5785 | **GACC IR Liaison:**  Tim Stauffer  **GACC IR Liaison Phone:**  406-529-6366 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-842-3845 |
| **Ordered By:**  Kyle Inabnit  406-431-4310 | **A Number:**  A-32 | **Aircraft/Scanner System:**  N350FV/ TK-7 | **Pilots/Techs:**  Rachel |
| **IRIN Comments on imagery:**  good data | | **Weather at time of flight:**  Clear | **Flight Objective:**  IR heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**  1930 MDT 2021-10-17 | | **Type of media for final product:**  IRIN Daily Log, Shapefiles, KML, PDF Maps  **Digital files sent to:**  <https://ftp.wildfire.gov/public/incident_specific_data/n_rockies/2021_fires/2021_CrownMountain/IR/>  **Email to:**  kyle.inabnit@usda.gov, | |
| **Date and Time Products Delivered to Incident:**  2130 MDT 2021-10-17 | |
| **Comments /notes on tonight’s mission and this interpretation:**  The burn perimeter and interpreted acres growth calculation are based on the 20211016 IR Heat Perimeter. Acres were calculated using the python script.  The Crown Mountain fire increased in acres to approximately 1,379 acres which is an increase of 6 acres from the previous IR flight. Most of this occurred in patches all along the Northern edge south of Petty Creek and then also in the small finger on the south perimeter north of Jake Creek Trail. I mapped a small interior section of intense heat on the north perimeter.  Scattered heat patches are consolidating into smaller size patches.  There are isolated heat points mostly in the western portion of the fire. | | | |