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| **Incident Name:**  Quartz  MT-GNP-000462 | **IR Interpreter(s):**  Elise Bowne  elise.bowne@usda.gov | **Local Dispatch Phone:**  Kalispell InteragencyDispatch  406-888-5803 | **Interpreted Size:**  1163 Acres (Geodesic)  **Growth last period:**  361 Acres |
| **Flight Time:**  2125 MDT  **Flight Date:**  08/19/2022 | **Interpreter(s) location:**  Denver, CO  **Interpreter(s) Phone:**  (cell) 303-517-7510 | **GACC IR Liaison:**  Jen Frazer  **GACC IR Liaison Phone:**  406-547-6010 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-842-3845 |
| **Ordered By:**  Glacier National Park | **A Number:**  A-2 | **Aircraft/Scanner System:**  N350FV/Tenax | **Pilots/Techs:**  Pilots:  Techs: Wren |
| **IRIN Comments on imagery:**  One pass, fairly clear imagery, more georeferencing issues between the frames. | | **Weather at time of flight:**  Clear | **Flight Objective:**  Heat Perimeter Detection /  Categorizing Heat Intensity |
| **Date and Time Imagery Received by Interpreter:**  8/19/2022 2200 MDT | | **Type of media for final product:**  IR Shapefiles, GDB, KMZ, IR Log, Topo and Ortho Maps  **Digital files sent to:**  NIFS and Wildfire.ftp <https://ftp.wildfire.gov/public/incident_specific_data/n_rockies/2022_Fires/2022_Quartz/IR/20220820/> | |
| **Date and Time Products Delivered to Incident:**  Data 8/19/2022 2355 MDT IR NIFS  FTP uploads 8/20/2022 0045 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  The heat perimeter continues to grow, both to the south where intense heat is spreading into the basin to the north of Logging Mountain. Many isolated areas of intense heat were detected tonight ahead of the main body of the perimeter. On the west side of the incident, intense heat continues to move down to the shore of Quartz Lake. The heat is at the edge of the lake on the NE part of the lake. Though the heat is moving downhill toward Quartz Creek on the upper end of the incident, as of flight time, no heat was detected to the north or west of Quartz Creek.  There were small amounts of heat perimeter growth in the basin to the NW of Vulture Peak, but overall, this area has cooled since last night. On the northern part of the incident, where the arm of the perimeter curves around to the east continues to spread, though in areas it appears to be cooling. There is an area of intense heat out in front of the main heat perimeter.  Please let the interpreter know of any issues or suggestions using the contact information above | | | |