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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:**  1255 Acres (Geodesic)  **Growth last period:**  92 Acres |
| **Flight Time:**  2258 MDT  **Flight Date:**  08/20/2022 | **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-3 | **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:**  8/21/2022 0030 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/20220821/> | |
| **Date and Time Products Delivered to Incident:**  Data 8/21/2022 0130 MDT IR NIFS  FTP uploads 8/21/2022 0215 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Tonight there were clouds over the majority of the incident at flight time. There was one section on the northern part of the incident that was cloud free and could be mapped relatively accurately. There appeared to be some heat perimeter expansion on the southernmost portions of the incident as well. Unfortunately, the water vapor in clouds absorbs the heat (infrared radiation) and makes it impossible to accurately map fire underneath. Where the heat showed through, it was mapped. There was likely more heat perimeter growth than what was captured by the scan.  Please let the interpreter know of any issues or suggestions using the contact information above | | | |