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| **Incident Name:**  Niarada and Mill Pocket  MT-FHA-000100 | **IR Interpreter(s):**  Elise Bowne  elise.bowne@usda.gov | **Local Dispatch Phone:**  Missoula Dispatch  406-829-7070 | **Interpreted Size:**  Niarada: 20373 Acres  Mill Pocket: 1869 Acres  **Growth last period:**  Niarada: 3 Acres  Mill Pocket: 0 Acres |
| **Flight Time:**  2236 MDT  **Flight Date:**  08/16/2023 | **Interpreter(s) location:**  Denver, CO  **Interpreter(s) Phone:**  303-517-7510 | **GACC IR Liaison:**  Jen Frazer  **GACC IR Liaison Phone:**  203-695-1207 | **National Coordinator:**  Kat Sorenson  **National Coord. Phone:**  406-499-2701 |
| **Ordered By:**  NR Team 3 | **A Number:**  A-98 | **Aircraft/Scanner System:**  N350SM/TK9 | **Pilots/Techs:**  Pilots:  Tech: Kris |
| **IRIN Comments on imagery:**  3 strips, good quality. Orthorectification was off, a lot. | | **Weather at time of flight:**  Clear | **Flight Objective:**  IR heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**  08/17/2023 0400 MDT | | **Type of media for final product:**  IRIN Daily Log, Shapefiles, File Geodatabase, KML, PDF Maps  **Digital files sent to:**  <https://ftp.wildfire.gov/public/incident_specific_data/n_rockies/2023_Fires/2023_Niarada/IR/20230817> and NIFS | |
| **Date and Time Products Delivered to Incident:**  Posted to NIFS - 8/17/2023 0530 MDT  Products to ftp site – 8/17/2023 0600 MDT | |
| **Comments /notes on tonight’s mission and this interpretation.**  Tonight’s IR interpretation started with the wildfire perimeter downloaded from NIFS at 0410 MDT on 8/17/2023.  **Mill Pocket –** only two isolated heat sources detected tonight. Both were on the east side at low elevations.  **Niarada**  Small amounts of growth with some intense heat were detected on the southern part of the perimeter, mainly from the heat slowly burning toward the center of the unburned island created by the previous burnout along a road in Division P. The orthorectification caused a lot of issues again with getting the interior heat accurately placed. Attempts were made, but the interpreter was not satisfied with the results. Near perimeter edges, the heat location is better. There are still isolated pockets of intense heat in the center of the incident. Some areas with multiple isolated heat sources were lumped together as “scattered heat” due to lack of time.  Questions? Contact the interpreter, contact information above.  All data and maps have been posted to NIFC ftp and updated in NIFS. | | | |