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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: 20370 Acres  Mill Pocket: 1869 Acres  **Growth last period:**  Niarada: 6 Acres  Mill Pocket: 0 Acres |
| **Flight Time:**  2153 MDT  **Flight Date:**  08/15/2023 | **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-97 | **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:**  08/15/2023 2245 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/20230816> and NIFS | |
| **Date and Time Products Delivered to Incident:**  Posted to NIFS - 8/16/2023 0105 MDT  Products to ftp site – 8/16/2023 0130 MDT | |
| **Comments /notes on tonight’s mission and this interpretation.**  Tonight’s IR interpretation started with the wildfire perimeter downloaded from NIFS at 2250 MDT on 8/16/2023.  **Mill Pocket –** only one definite isolated heat source on the west side of the fire detected tonight. There were two weak heat signatures that were marked as possible heat sources – no change in the perimeter.  **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 with getting the interior isolated 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.  Questions? Contact the interpreter, contact information above.  All data and maps have been posted to NIFC ftp and updated in NIFS. | | | |