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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: 20,364 Acres  Mill Pocket: 1869 Acres  **Growth last period:**  Niarada: 38 Acres  Mill Pocket: 0 Acres |
| **Flight Time:**  2351 MDT  **Flight Date:**  08/14/2023 | **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-96 | **Aircraft/Scanner System:**  N350SM/TK9 | **Pilots/Techs:**  Pilots:  Tech: Kris |
| **IRIN Comments on imagery:**  3 strips, good quality. Orthorectification was off. | | **Weather at time of flight:**  Clear | **Flight Objective:**  IR heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**  08/15/2023 0130 MDT, but didn’t start working on it until about 0620 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/20230815> and NIFS | |
| **Date and Time Products Delivered to Incident:**  Posted to NIFS - 8/15/2023 0730 MDT  Products to ftp site – 8/15/2023 0800 MDT | |
| **Comments /notes on tonight’s mission and this interpretation.**  Tonight’s IR interpretation started with the wildfire perimeter downloaded from NIFS at 0620 MDT on 8/15/2023.  **Mill Pocket –** only a few isolated heat sources on the west side of the fire – 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 what appeared to be a burnout from a road in Division P. The heat was mapped where it was at flight time, which has left an “unburned island” in the perimeter. This may have filled in since flight time. 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.  Questions? Contact the interpreter, contact information above.  All data and maps have been posted to NIFC ftp and updated in NIFS. | | | |