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| **Incident Name:**  Divide  NM-GNF-000360 | **IR Interpreter(s):**  Steve Penny  stephen\_penny@firenet.gov | **Local Dispatch Phone:**  Silver City Dispatch  575-538-5371 | **Interpreted Size:**  See below  **Growth last period:**  See Below |
| **Flight Time:**  23:33 MDT  **Flight Date:**  07/17/2023 | **Interpreter(s) location:**  McCall, ID  **Interpreter(s) Phone:**  (cell/text) 208-315-3729 | **GACC IR Liaison:**  Thomas Mellin  **GACC IR Liaison Phone:**  505-842-3845 | **National Coordinator:**  Thomas Mellin  **National Coord. Phone:**  505-842-3845 |
| **Ordered By:**  R DeLaTorre | **A Number:**  A-5 | **Aircraft/Scanner System:**  N350FV/Tenax | **Pilots/Techs:**  Tech: Dan |
| **IRIN Comments on imagery:**  Two scans, minor georectification was needed | | **Weather at time of flight:**  No clouds reported | **Flight Objective:**  Heat Perimeter Detection /  Categorizing Heat Intensity |
| **Date and Time Imagery Received by Interpreter:**  07/18/2023 01:00 MDT | | **Type of media for final product:**  GDB, Shapefiles, Topo and Ortho Maps, IR Log, KMZ  **Digital files sent to:**  NIFS and NIFC FTP  /incident\_specific\_data/southwest/GACC\_Incidents/2023/2023\_Divide/IR | |
| **Date and Time Products Delivered to Incident:**  NIFS sync’d at 07/18/2023 02:45 MDT other products delivered at 05:45 | |
| Two fires were in the scans, Divide and Hay. This was the first IR Interpretation for the Divide, the Hay had a Wildfire Daily Fire Perimeter to start with in the NIFS, which I used for a starting IR Heat Perimeter at 01:00 MDT on 7/18/2023.  Start Acres: Divide – NA, Hay - 37  End Acres: Divide – 913, Hay - 140  Divide  Intense heat was mapped in parts of the north half of the perimeter where the fire appeared to have a fast rate of spread. The entire remainder of the fire had a dense pattern of heat points and was mapped as scattered heat, there were no cooler areas that could be split out and mapped with isolated heat or no heat.  Hay  Active growth was apparent on the south head of the fire where intense heat was mapped in Pitchfork Canyon. Several other areas of intense heat were mapped along the perimeter. Scattered and isolated heat were mapped also mapped. The Northeast section of the fire appears to have cooled down and it is possible the fire extent was once larger than the current detected heat. The Wildfire Daily Fire Perimeter in the NIFS did follow what heat there was fairly well. | | | |