|  |  |  |  |
| --- | --- | --- | --- |
| **Incident Name:**  Mullen Fire  WU-MRF-200752 | **IR Interpreter(s):**  Mark Grupe | **Local Dispatch Phone:**  Casper Interagency  307-233-1140 | **Interpreted Size:**  176,117 acres  **Growth last period:**  70 acres |
| **Flight Time:**  2335 MDT  **Flight Date:**  10/12/2020 | **Interpreter(s) location:**  Placerville, CA  **Interpreter(s) Phone:**  510-409-5532 | **GACC IR Liaison:**  Elise Bowne  **GACC IR Liaison Phone:**  303-517-7510 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  SITL Scott Hamlet  918-448-3111  Scott\_Hamlet@firenet.gov | **A Number:**  229 | **Aircraft/Scanner System:**  N149Z Phoenix | **Pilots/Techs:**  Pilot: Boyce  Pilot: Helquist  Tech: Gammons |
| **IRIN Comments on imagery:**  Excellent georeferencing. | | **Weather at time of flight:**  Clear on east half, clouds west half | **Flight Objective:**  Map heat perimeter, intense,  Scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**  10/12/2020 0130MDT | | **Type of media for final product:**  Shapfiles, KMZ, PDF maps  **Digital files sent to:**  <https://ftp.nifc.gov/public/incident_specific_data/rocky_mtn/2020/Mullen/IR/> | |
| **Date and Time Products Delivered to Incident:**  10/10/2020 0300MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Interpretation started with perimeter provided by the incident.  West half of fire had too much cloud cover. No heat was showing through  Tonight’s IR data was provided by NIROPS with the Phoenix scanner system. It is much different that the Tenax TK9 system that had previously flown the fire. It appeared that not as much heat was detected, therefore, previous areas of intense heat are now showing up as scattered heat. This could also be due to weather causing the fire to cool.  In order to provide data and maps in a timely manner, few interior isolated heat sources were mapped. | | | |