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| **Incident Name:**  American Fork  MT-HLF-005087 | **IR Interpreter(s):**  Chad Horman | **Local Dispatch Phone:**  Great Falls (406-753-5300) | **Interpreted Size:**  14,325 Acres  **Growth last period**  4,751 Acres |
| **Flight Time:**  1925 MDT  **Flight Date:**  7/29/21 | **Interpreter(s) location:**  Cedar City, UT  **Interpreter(s) Phone:**  435-592-5175 | **GACC IR Liaison:**  Tim Stauffer  **GACC IR Liaison Phone:**  406-529-6366 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  Thomas Barrett  478-550-6372 | **A Number:**  A-33 | **Aircraft/Scanner System:**  N350FV/Tenax | **Pilots/Techs:**  Pierce |
| **IRIN Comments on imagery:**  West quarter of the imagery didn’t stich together all well as the rest of the image. Both passes had the same issue.  Orthorectification was good. | | **Weather at time of flight:**  Clear | **Flight Objective:**  Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**  7/28/21 @ 2130 MDT | | **Type of media for final product:**  Shapefile, .kml file, maps and IR log  **Digital files sent to:**  ftp/incident\_specific\_data/n\_rockies/2021\_fires/2021\_AmericanFork/IR/20210729 | |
| **Date and Time Products Delivered to Incident:**  7/29/21 @ 0230 MTD | |
| **Comments /notes on tonight’s mission and this interpretation:**   * Started with incident provided perimeter from NIFS 07/29/2021 @ 2047 MDT * The last IR flight was on July 26th. During that time the fire should a significant increase in growth. Perimeter acreage increased 4,751 acres for a total of 14, 325 acres. * Primary areas of perimeter expansion was on the west and southwest flanks. In the two days since the last IR flight the perimeter extended about 3.25 miles. * The fire has not burned into Shields River. It is about 0.3 miles south of it. * Perimeter has extended across Fawn. Turkey, Seafield, Clear and Buck Creeks. The Shields River Road is within the recent perimeter expansion. * There is intense heat throughout the recent perimeter increase on the west and southwest flanks. * There is large amounts of scattered heat and isolated heat sources are throughout the burn area. * There are a few spot fires along the west flank and one along the southeast corner of the fire. | | | |