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| **Incident Name:**Divide Complex-MT-HLF-005079 | **IR Interpreter(s):**Chad Hormanchad.horman@usda.gov  | **Local Dispatch Phone:**Great Falls Dispatch (406-731-5300) | **Interpreted Size (Acres):**Total 6520 AcresEllis 1,277 AcresBalsinger 5,243 Acres**Growth last period** Total 767 Acres Ellis 0 AcresBalsinger 767 Acres |
| **Flight Time:**2135 MDT**Flight Date:**7/24/2021 | **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:**MT-HNF Dispatch406-223-5799 | **A Number:**A-60 | **Aircraft/Scanner System:**N350FV Tenax | **Pilots/Techs:**Pierce |
| **IRIN Comments on imagery:**Good contrast of heat and good orthorectification | **Weather at time of flight**Clear | **Flight Objective:**Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**7/24/2021 @ 2144 MDT | **Type of media for final product:** pdf map, IR log, KMZ and **Digital files sent to:**   **incident\_specific\_data/n\_rockies/2021\_fires/2021\_DivideComplex/IR/20210725**  |
| **Date and Time Products Delivered to Incident:**7/25/2021 @ 0245 MDT |
| **Comments /notes on tonight’s mission and this interpretation:*** I started tonight’s interpretation with the IR Polygon from NIFS today at about 1930 MDT.
* Identification of which features belong to which fire can be filtered by the “Comments” column, since they all have the same fire name.
* Acres for the complex increased by 767 acres to a total of 6,520 acres. All of the increase was on the Balsinger Fire.

**Ellis Fire*** No perimeter growth.
* Intense heat observed in the center of the burn area. Patches of scattered heat on the east flanks.
* Limited amount of scattered heat.

**Balsinger Fire** * Perimeter increased by 767 acres for a total of 5,243.
* Perimeter growth was primarilty on the north and east flanks, with the most on the east side. It extended up to 0.7 miles to the south.
* Intense heat associated with area of perimeter growth.
* The north and west flanks have considerable amount of scattered heat. The west half appears cooler, but there are still areas of intense and scattered heat.
* Fire perimeter is within 0.6-0.7 miles of the private land on the east side.
* Fire appears to be mainly in forested areas and is not expanding much in to the rangelands.
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