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| **Incident Name:**Richard SpringMT-LG29-000428 | **IR Interpreter(s):**Brian Barnsbrian.barns@usda.gov | **Local Dispatch Phone:**Miles City(406-233-2900) | **Interpreted Size (Acres):**Total 175,651 AcresRichard Spring 170,225 AcresLame Deer 5,426 Acres**Growth last period** Total 2,543 AcresRichard Spring 1,001 AcresLame Deer 1,542 Acres |
| **Flight Time:** 0031 MDT**Flight Date:**08/13/2021 | **Interpreter(s) location:**Knoxville, AR**Interpreter(s) Phone:**530-249-6121 | **GACC IR Liaison:** Tim Stauffer**GACC IR Liaison Phone:** 406-529-6366 | **National Coordinator:**Jan Johnson**National Coord. Phone:**801-824-5440 |
| **Ordered By:**MT-MCCSITL: Chris Gerhart208-827-1159Luke.floch@usda.gov | **A Number:**A-67 | **Aircraft/Scanner System:**N149Z/Phoenix | **Pilots/Techs:**Dan Johnson, Don BoyceRob Navarro |
| **IRIN Comments on imagery:**Orthorectification seemed off about 150 feet in scans 1,2, 3, otherwise good | **Weather at time of flight**Clear | **Flight Objective:**Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:** 8/13/21 @ 0245 MDT | **Type of media for final product:** 1. upload to NIFS 2) GDB & shapefiles on FTP 3) pdf maps, IR log, KMZ: 11x17 topo and NAIP on FTP

**Digital files sent to:**  [https://ftp.wildfire.gov/public/incident\_specific\_data/n\_rockies/2021\_fires/2021\_RichardSpring/IR/2021081](https://ftp.wildfire.gov/public/incident_specific_data/n_rockies/2021_fires/2021_RichardSpring/IR/20210811)3 |
| **Date and Time Products Delivered to Incident:** 8/13/21 @ 0340 MDT |
| **Comments /notes on tonight’s mission and this interpretation:*** Started with perimeter from NIFS. Perimeters pulled 8/12/21 @ 1930. Used the IRWINID {817720DD-B015-46D6-8DB2-2EE2210BAD14} for Richard Spring and {996C6346-4C63-4FA8-A193-770E1DE76344} for Lame Deer.

**Richard Spring:**  Grew in size on the southwestern edge, where it crossed Highway 212, and is now about 1 mile from the town of Lame Deer, and within a few hundred feet from Highway 39 along East Fork at Broken Jaw Creek. Within this area is very intense heat. Scattered heat remains in many areas throughout the southwestern portion of the perimeter and in the east along the Tongue River. Southeastern edge of heat perimeter appears to remain about 2 miles from the town of Ashland.**Lame Deer:** Grew in size towards the northeast and Lynch Coulee Road. Intense Heat throughout the northeastern portion along Lynch Coulee Road. Scattered heat remains in yesterday’s perimeter. The fire appears to have stayed west of Highway 212 at Rosebud Creek. Fire is about 3 miles from the town of Lame Deer, and 4 miles west of the western edge of the Richard Spring fire. |