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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 176,196 AcresRichard Spring 170,770 AcresLame Deer 5,426 Acres**Growth last period** Total 0 AcresRichard Spring 10 AcresLame Deer 0 Acres |
| **Flight Time:** 2036 MDT**Flight Date:**08/14/2021 | **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 Gerhart208-827-1159Chris\_gerhart@firenet.govLuke.floch@usda.gov208-827-1159 MT-MCC | **A Number:**A-81 | **Aircraft/Scanner System:**N149Z/Phoenix | **Pilots/Techs:**Don Boyce, C HelquistRob Navarro |
| **IRIN Comments on imagery:**Good georectification, clear | **Weather at time of flight**Clear | **Flight Objective:**Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:** 8/14/21 @ 2245 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)5 |
| **Date and Time Products Delivered to Incident:** 8/14/21 @ 2310 MDT |
| **Comments /notes on tonight’s mission and this interpretation:*** Started with yesterday’s heat perimeter from NIFS. Perimeters pulled 8/14/21 @ 1930. Used the IRWINID {817720DD-B015-46D6-8DB2-2EE2210BAD14} for Richard Spring and {996C6346-4C63-4FA8-A193-770E1DE76344} for Lame Deer.
* Isolated Heat Sources outside the fire perimeters were detected. One is 8 miles east of the Richard Spring fire, at 45.803 N, 106.120 W in the Swain Coulee watershed. The other is 8.5 miles west of the Lame Deer fire, at 45.643 N, 107.008 W in the Sarpy Creek area near the Crow/Northern Cheyenne Reservation Boundary.

**Richard Spring:**  Grew slightly in size on the southwestern edge, where it had crossed Highway 212. Within this area there is still very intense heat, especially along the eastern edge. 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, and there are still a couple patches of intense heat in that area.**Lame Deer:** No growth detected, so no change in acres. Scattered Heat throughout the northeastern portion along Lynch Coulee and along a part of the southern edge. Isolated heat remains in much of the rest of the perimeter. The fire has 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. |