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| **Incident Name:**  Berry Incident  WY-GTP-1621-PPKH4F | **IR Interpreter(s):**  Elise Bowne | **Local Dispatch Phone:**  307-739-3630 | **Interpreted Size:**  14,551 acres  **Growth last period:**  70 acres |
| **Flight Time:**  2059 MDT  **Flight Date:**  09/02/2016 | **Interpreter(s) location:**  Denver, CO  **Interpreter(s) Phone:**  303-517-7510 | **GACC IR Liaison:**  Hope Spriggs  **GACC IR Liaison Phone:**  208-501-4168 | **National Coordinator:**  Jan Johnson  **National Coord. Phone:**  208-387-5900 |
| **Ordered By:**  Teton Interagency Dispatch | **A Number:**  A-44 | **Aircraft/Scanner System:**  149Z/Phoenix | **Pilots/Techs:**  Lowrey/Smith/Smith |
| **IRIN Comments on imagery:**  Very murky, lots of clouds | | **Weather at time of flight:**  Cloudy, cold, rain, snow | **Flight Objective:**  Map growth and heat |
| **Date and Time Imagery Received by Interpreter:**  09/02/2016 2130 MDT | | **Type of media for final product:**  Shapefiles (6), KMZ, PDF maps (3), IR Log  **Digital files sent to:**  http://ftp.nifc.gov/incident\_specific\_data/great\_basin/2016\_Incidents/Berry\_WY-GTP/IR/20160903 | |
| **Date and Time Products Delivered to Incident:**  09/03/2016 0040 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Tonight’s imagery was much cooler than on previous nights. There was a lot of moisture in the air, which absorbs infrared radiation and keeps it from being picked up by the scanner. There were also clouds obscuring most of the western part of the fire. In many areas there were absolutely no ground features detectable through the clouds, only some heat. Since clouds absorb IR, this means the areas may have been hotter than they were shown on the map. Additionally, the northern most strip was not flown tonight because the cloud layer was dense and the flight crew reported rain, snow and icing, in addition to the clouds.  There were some small amounts of growth detected, mostly on the western part of the fire, even though the clouds were thickest here. There were several small areas with intense heat detected tonight.  In addition to the heat perimeter, intense and scattered heat polygons and isolated heat source points, the clouds were mapped, and the area within the scanner box that was not flown was also mapped. An additional map was made without the clouds and No Data area, but please know that there is likely more heat than mapped, it just didn’t make it to the scanner.  Questions/Comments – Contact Elise Bowne at 303-517-7510 | | | |