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| **Incident Name:**  Barren Hill  ID-NCF-000266 | **IR Interpreter(s):**  Zack Muirbrook  [zmuirbrook@yahoo.com](mailto:Blmiller62@yahoo.com) | **Local Dispatch Phone:**  Grangeville Interagency  (208) 983-6800 | **Interpreted Size:**  117 acres  **Growth last period:**  Initial Perimeter\* |
| **Flight Time:**  2028 PDT  **Flight Date:**  07/25/2019 | **Interpreter(s) location:**  Idaho Falls, ID  **Interpreter(s) Phone:**  208-221-3775 | **GACC IR Liaison:**  Tim Stauffer  **GACC IR Liaison Phone:**  406-329-3548 | **National Coordinator:**  **National Coord. Phone:** |
| **Ordered By:**  Adam Warren | **A Number:**  A-2 | **Aircraft/Scanner System:**  149Z/Phoenix | **Pilots/Techs:**  Mike/Kelli |
| **IRIN Comments on imagery:**  One strip, good imagery but off about 180ft | | **Weather at time of flight:**  Clear | **Flight Objective:**  Heat detection and mapping |
| **Date and Time Imagery Received by Interpreter:**  07/25/2019 at 2045 PDT | | **Type of media for final product:**  PDF map, zipped shapefiles and KMZ files  **Digital files sent to:**  incident\_specific\_data/n\_rockies/2019\_fires/2019\_BarrenHill/IR | |
| **Date and Time Products Delivered to Incident:**  07/25/2019 at 2230 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I basically started from scratch, but I did look at a perimeter found in WFDSS from 07/17. My interpretation is that the perimeter fully encompasses the previous perimeter and that the cool areas within the heat perimeter likely once had heat. But it is also possible there are large unburned areas within the perimeter. There were large pockets of intense heat especially in along the east and the SW corner across the 620 trail towards Rhoda Creek. There are two intense spots well outside of the perimeter about ¼ acre each about 500-1000ft to the SE of the SW tip of the fire. The furthest is about 200ft on the opposite side of Rhoda Creek from the main fire, the closer just short of the creek. There are also a couple small patches of intense heat in the NW. Much of the rest of the perimeter is covered by scattered heat with on isolated heat source within the original perimeter in an otherwise cool patch.  The alignment for the imagery was about 180ft off almost straight south. Because the fire was small I was able to correct the alignment pretty well. | | | |