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| **Incident Name:**  Brian Head  UT-SWS-000218 | **IR Interpreter(s):**  Nate Yorgason | **Local Dispatch Phone:**  CCIFC  (435-865-4600) | **Interpreted Size:**  71,673 Acres  **Growth since last IR Perimeter:** 4 Acres |
| **Flight Time:**  2305 (MDT)  **Flight Date:**  July 10, 2017 | **Interpreter(s) location:**  Idaho Falls, ID  **Interpreter(s) Phone:**  435-590-1107 | **GACC IR Liaison:**  Nate Yorgason  **GACC IR Liaison Phone:**  208-557-5785 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-842-3845 |
| **Ordered By:**  Mike Mattfeldt  Sit Unit - (202-306-2444) | **A Number:**  137 | **Aircraft/Scanner System:**  N149Z / Phoenix | **Pilots/Techs:**  Left: Johnson  Right:  Tech: Mike |
| **IRIN Comments on imagery:**  5 Pass - Clear – Both Color and Ortho – Good Imagery on most of the fire but cloud a little cloud cover in areas. | | **Weather at time of flight:**  Clear | **Flight Objective:**  Identify and map Heat perimeter, Scattered Heat and Isolated Heat Sources. |
| **Date and Time Imagery Received by Interpreter:**  07/10/2017 – 2330 (MDT) | | **Type of media for final product:**  Shape files, KMZ, PDF, and IRIN Log  **Digital files sent to: NIFC FTP @**  /incident\_specific\_data/great\_basin/2017\_Incidents/BrianHead/IR/20170711 | |
| **Date and Time Products Delivered to Incident:**  07/11/2017 – 0100 (MDT) | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started interpretation with a corrected perimeter from the incident. Apparently the perimeter has shifted approximately 2 meters over the course of the fire. I could not calculate geometry for some reason on this perimeter after interpreting the fire so acreage calculations could not be performed. I made the same perimeter adjustments to last night’s IR perimeter and the acreage of growth is estimated to be 4 acres since the previous IR flight.  IR Heat Perimeter – 71,673 Acres  Last perimeter acres – 71,669 Acres.  Growth from last period – 4 Acres.  Intense heat – No intense heat was mapped.  There was a sizeable decrease in the amount and size of scattered heat polygons remaining in the fire area most of which are up north.  Isolated heat sources can still be found throughout the fire but no heat was detected in the lower section of the fire and very few throughout the central section. Most isolated heat sources are still in the area north of Little Creek Peak.  Significant cloud cover caused the plane to fly 2000 feet lower than intended. This resulted in 5 runs instead of 4 and some cloud cover still masked a small portion of the fire. | | | |