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| **Incident Name:**  Brian Head  UT-SWS-000218 | **IR Interpreter(s):**  Bob Brantlinger | **Local Dispatch Phone:**  CCIFC  (435-865-4600) | **Interpreted Size:**  913 Acres  **Growth last period:**  XXX Acres (1st IR perimeter) |
| **Flight Time:**  0033 (MDT)  **Flight Date:**  June 19, 2017 | **Interpreter(s) location:**  Durango, CO  **Interpreter(s) Phone:**  970-769-6551 | **GACC IR Liaison:**  Nate Yorgason  **GACC IR Liaison Phone:**  208-557-5785 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-842-3845 |
| **Ordered By:**  Gayle Sorenson  Sit Unit - (435-253-0364) | **A Number:**  44 | **Aircraft/Scanner System:**  N149Z / Phoenix | **Pilots/Techs:**  Left: Don Boyce  Right: Dan Johnson  Tech: Josh |
| **IRIN Comments on imagery:**  1 Pass - Clear – Both Color and Ortho – Good Imagery | | **Weather at time of flight:**  Clear | **Flight Objective:**  Identify and map Heat perimeter, Intense heat. Scattered Heat and Isolated Heat Sources. |
| **Date and Time Imagery Received by Interpreter:**  06/19/2017 – 0100 (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/20170619 | |
| **Date and Time Products Delivered to Incident:**  06/19/2017 – 0345 (MDT) | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started interpretation with perimeter from incident named “20170618\_BrianHead\_SWSUT00218\_FirePoly”. Polygon acreage was 957 acres. IR Interpretation - Heat Perimeter - 913 Acres - Reduction in acreage due to more accurate mapping.  Perimeter provided by Incident was very general. It had most of the resort and structures inside the perimeter. I used the provided perimeter as a starting point and mapped the perimeter based on the IR heat signatures. I expanded the perimeter in the northeast area but I adjusted original perimeter to heat perimeter in the area of the resort and south and western area along highway, which resulted in less acres than original polygon. Areas that were removed from the original polygon were the resort base area and other areas that did not trigger heat and were outside the heat area of the IR scan.    Perimeter growth located primarily in the Northern perimeter. This area contained Intense heat.  Intense Heat – Large Area of intense heat on northern perimeter in the area north of Highland Drive, along perimeter.  Scattered Heat –Along interior North and western perimeter, North and South of Parowan Creek.  Isolated Heat- Scattered throughout interior with a many heat signatures along the southern perimeter. Some of these could be associated with response resources. All isolated heat sources were attributed with Lat /Long in the shape file attribute table. | | | |