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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:**  42,800 Acres  **Growth last period:**  1,516 Acres (from Incident provided perimeter |
| **Flight Time:**  0234 (MDT)  **Flight Date:**  June 25, 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:**  93 | **Aircraft/Scanner System:**  N144Z / Phoenix | **Pilots/Techs:**  Left: Don Boyce  Right: Ed Netcher  Tech: Mike Mann |
| **IRIN Comments on imagery:**  4 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:**  06/25/2017 – 0430 (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/20170625 | |
| **Date and Time Products Delivered to Incident:**  06/23/2017 – 0615(MDT) | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started interpretation with perimeter from incident perimeter labeled – “20170624\_1630\_Perimeter”. Perimeter was from Colorado MMA and generic, included a lot of areas that showed no heat and contained a lot of generic straight lines as perimeter boundary. I did not decrease any acres (Pull back perimeter) to follow standard IR protocol.  IR Heat Perimeter – 42,800 Acres  Previous period acres -41,284 Acres. Incident provided  Growth last period – 1,516 Acres.  Incident perimeter provided in WGS84 with no transformation information included in file to calculate acres, used UTM NAD83 projection.  Heat perimeter gained 1,516 acres. Growth was primarily along the southern (Mostly) and eastern perimeter. Intense heat was along most of the perimeter with the largest area along the southern perimeter. There is a large area of intense heat along this perimeter that extends east to west from Castle Creek eastward to Mammoth creek drainage. The perimeter is across HWY143 in three large areas in the southern perimeter. There is a large spot fire with Intense heat between 50 Road and the lava rocks. The area in the far southeast corner is lava rock and shows signals of heat in the vegetated areas.  There are small pockets of intense heat in the northern perimeter, but is not as wide or persistent as the southern edge of fire. Mostly scattered heat with small pockets of intense heat on the eastern perimeter as it advances into broken vegetation types.  Perimeter in the northeast now extends to Butler and Haycock Creeks. There are spot fires to the north east of Panguitch Lake that contain scattered heat and are burning fuels on the ridge lines down to HWY 143.  Intense heat in along the perimeter to the east of Clear and Bunker Creeks.  Most of the western half of the heat perimeter is isolated heat sources and small areas of scattered heat.  Scattered Heat –Primarily in central interior (in the footprint of yesterday’s activity) and adjacent to Intense heat.  Isolated Heat- Scattered throughout interior predominately in southern area of fire. Many signatures along the northern perimeter. All isolated heat sources were attributed with Lat /Long in the shape file attribute table. | | | |