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| **Incident Name:**  Tatanka Complex  WY-YNP-001600-PPKL88 | **IR Interpreter(s):**  Bob Brantlinger | **Local Dispatch Phone:**  307-344-2181 | **Interpreted Size:**  7,551 Acres  **Growth last period:**  693 Acres |
| **Flight Time:**  2330 (MDT  **Flight Date:**  08/30/2016 | **Interpreter(s) location:**  Durango, Co.  **Interpreter(s) Phone:**  970-769-6551 | **GACC IR Liaison:**  Tim Stauffer  **GACC IR Liaison Phone:**  406-529-6366 | **National Coordinator:**  Melinda McGann  **National Coord. Phone:**  208-387-5900 |
| **Ordered By:**  **Vicki Stephens**  **406-334-3226**  WY-YNP | **A Number:**  A-43 | **Aircraft/Scanner System:**  N149Z / Phoenix | **Pilots/Techs:**  Jack Lowery / Matt Smith  Woody Smith |
| **IRIN Comments on imagery:**  3 Passes, one for each fire, Ortho and Color, Used both, Color was better to detect past burn and current intense heat | | **Weather at time of flight:**  Clear | **Flight Objective:**  Map heat perimeter, intense heat, scattered heat, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**  08/31/2016 0000 (MDT) | | **Type of media for final product:**  Shapefiles, KMZ, PDF, JPG  **Digital files sent to:**  ftp.nifc.gov/incident\_specific\_data/n\_rockies/2016\_fires/2016\_Tatanka\_Complex/IR/20160830 | |
| **Date and Time Products Delivered to Incident:**  08/31/2016 0130 (MDT) | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started interpretation with perimeter from previous night’s IR. Start Acres were 6,858 Acres.  The maple fire has been removed from this incident and a new directory is on the NIFC FTP Site. (08/25/2016).  Tatanka Complex Start – 6,858 Acres, End – 7,551 Acres – 693 Acres Growth  Fawn Fire –Start- 2,014 Acres, End – 2,071 Acres – 57 Acres Growth  Buffalo Fire – Start- 4,004 Acres, End – 4,438 Acres – 434 Acres Growth  Central Fire –Start- 840 Acres, End – 1,042 Acres -- 202 Acres Growth  Central Fire – This fire grew in the Northwest perimeter on the Northern section (North of Alum Creek) the most. This area contains intense Heat. In this area it also created a large spot fire to the northwest on a vegetated island. The interior of the 2 main perimeters has cooled significantly and contains isolated heat sources. There is a band of intense heat in the Southwest perimeter of the southern section, with 2 legs of scattered heat on the western perimeter.  Fawn fire grew slightly on the south western perimeter. The spot fire on the south side of the Gallatin river was the perimeter growth size and contains intense heat. Scattered heat growth continues to the north of Fawn Creek. Small spot fire outside Heat perimeter on the northwestern perimeter, east of the farthest north finger.  Buffalo Creek’s perimeter growth continues in the South eastern and eastern legs of the heat perimeter, (Both east and west sides of Buffalo Creek) this area contains mostly intense heat with spot fires comprised of both scattered and Intense heat. The area of many Isolated heat sources outside eastern heat perimeter from yesterday’s interpretation are now inside heat perimeter with a band of intense heat very close to the Pack trail, west of pack trail.  There are isolated heat sources outside the southern perimeter in the headwaters of an unnamed tributary to Slough Creek North of confluence with Lamar River. This areas have cooled over the last night. | | | |