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| **Incident Name:**  Tatanka Complex –  Buffalo Fire  WY-YNP-001600-PPKL88 | **IR Interpreter(s):**  Bob Brantlinger | **Local Dispatch Phone:**  307-344-2181 | **Interpreted Size:**  3,575 Acres  **Growth last period:**  346 Acres |
| **Flight Time:**  0018 (MDT)  **Flight Date:**  08/29/2016 | **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:**  **Shelby Majors**  **4062248542**  WY-YNP | **A Number:**  A-39 | **Aircraft/Scanner System:**  N149Z / Phoenix | **Pilots/Techs:**  Jack Lowery / Matt Smith  Jill Kuenzi |
| **IRIN Comments on imagery:**  1 Passes, 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:**  08/29/2016 0100 (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/20160829 | |
| **Date and Time Products Delivered to Incident:**  08/29/2016 0230 (MDT) | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started interpretation with perimeter from Incident (20160828\_0223\_Tatanka Complex\_WY-YNP2016-00\_Poly\_FirePolygon\_NAD\_1983\_UTM\_Zone\_12N). Total for Fawn + Buffalo = 5,198 Acres. Central was 1 Acre.  The maple fire has been removed from this incident and a new directory is on the NIFC FTP Site. (08/25/2016).  Buffalo Fire – Start- 3,229 Acres, End – 3,575 Acres – 346 Acres Growth  Buffalo Creek’s perimeter growth continues in the South eastern leg of the heat perimeter,(Both sides of Buffalo Creek) this area contains mostly intense heat with spot fires comprised of both scattered and Intense heat. Looks like a burning operation as there are islands of unburned fuel behind intense heat and previous perimeter. There are many Isolated heat sources outside heat perimeter and west of pack trail and Buffalo Creek  There are now many spot fires that have increased in size and contain intense heat. They are outside the southern perimeter in the headwaters of an unnamed tributary to Slough Creek North of confluence with Lamar River. These areas have actively spread towards the Lamar river over the last 2 nights.  For Future nights planning on creating a Log for each fire, and possibly breaking the Central fire out of data set for cleaner products. | | | |