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| **Incident Name:**  Rattlesnake  AZ-FTA-000138 | **IR Interpreter(s):**  Bob Brantlinger  970-769-6551  rbrantlinger@fs.fed.us | **Local Dispatch Phone:**  AZ-SDC  928-532-2700 | **Interpreted Size:**  16,891 Acres  **Growth :** 1,468 Acres  From 04/21 IR perimeter |
| **Flight Time:**  1953 (MST)  **Flight Date:**  04/22/2018 | **Interpreter(s) location:**  Durango, CO.  **Interpreter(s) Phone:**  970-769-6551 | **GACC IR Liaison:**  Tom Mellin  **GACC IR Liaison Phone:**  505-301-8167 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  Brian Dykstra  928-220-5939 | **A Number:**  A -37 | **Aircraft/Scanner System:**  N149Z / Phoenix | **Pilots/Techs:**  Boyce, Johnson / Smith |
| **IRIN Comments on imagery:**  3 passes, Ortho and Color, Clean imagery | | **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:**  04/22/2018 – 2030 (MST) | | **Type of media for final product:**  Shape files, KMZ, PDF, and IRIN Log  **Digital files sent to: NIFC FTP @**  /incident\_specific\_data/southwest/GACC\_Incidents/2018/2018\_Rattlesnake/IR/20180423 | |
| **Date and Time Products Delivered to Incident:**  04/22/2018 –2300 (MST) | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started IR interpretation with perimeter from previous nights IR named :”20180421\_2059\_Rattlesnake\_IR\_HeatPerimeter”  Start – 15,423 Acres  End – 16,891 Acres  Growth - 1,468 Acres  Perimeter growth was primarily along the southern and eastern perimeter of the fire. These areas contained both intense and scattered heat.  The primary new growth was in the southern section of the fire, in the area of Rose Spring. There were large areas of both Intense and scattered heat in this area. There was a large unburned polygon around Rose Spring.  The largest unburned (In the Northeast) Interior island was almost completely consumed resulting in increased acreage. The area formerly unburned contains both Intense and scattered heat.    The area south of Road 25 and north of North Fork of Bear Wallow Creek, appears to be a burnout operation and contained intense heat.    There was also intense heat in the North Fork Bear wallow drainage along perimeter.    Eastern and Central areas of fire contained isolated heat sources.  .  Intense Heat – Area at the confluences of North and South Bear Wallow creeks. Along most of the Southern and eastern flanks of fire along in areas of new perimeter growth. In Area north of Little Bear Canyon , south of Rose Spring.  Scattered Heat – Largest area in the previously unburned island in the north. Behind intense heat north of the north fork of Bear Wallow creek and also in the area east of Snake creek in the interior (burning interior island).  Isolated Heat Sources – Many throughout the interior behind intense and scattered heat. Lat/Long was added to the shapefile attribute table for all isolated heat points. All maps are georeferenced for use in Avenza and other apps. | | | |