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| **Incident Name:**  OK BAR  NM-N3S-000110 | **IR Interpreter(s):**  Bob Brantlinger  970-769-6551  rbrantlinger@fs.fed.us | **Local Dispatch Phone:**  NMSDC  575-538-5371 | **Interpreted Size:**  29,250 Acres  **Growth :** First night IR on Fire |
| **Flight Time:**  0100 (MDT)  **Flight Date:**  04/28/2018 | **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:**  NM State Forestry  575-835-9359 | **A Number:**  A -20 | **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:**  04/28/2018 – 0200 (MDT) | | **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\_OK\_BAR/IR/2080428 | |
| **Date and Time Products Delivered to Incident:**  04/28/2018 – 0400 (MDT) | |
| **Comments /notes on tonight’s mission and this interpretation:**  Contact Info provided by NM State Forest – email IR products to:  Doug Boykin  [doug.boykin@state.nm.us](mailto:doug.boykin@state.nm.us)  575-838-3027    Started IR interpretation with perimeter from WFDSS with a date of 20180427-2030, Perimeter was derived from VIIRS pts.  Start – 24,898 Acres  End – 29,250 Acres  Growth - 4,352 Acres from WFDSS perimeter  Perimeter growth – In the southeast perimeter of the fire, covers both the Birch and Deer Creek drainages. Ridge tops east of Rough Creek, north of Smuggler hills. Smaller area south of Walnut Creek, and East of East Fork Brushy Creek. In the central east part of perimeter, Areas around 7 K peak and South Canyon creek, East to Cowboy Rim.  Intense Heat – Very relative given fuel types, I mapped the areas with stronger heat signals as Intense heat. In all areas of perimeter growth along perimeter  Scattered Heat – Large areas behind Intense heat in areas of new perimeter growth.  Isolated Heat Sources – Several outside heat perimeter in Indian Creek, east of perimeter and Deer Creek. Concentrated in the southern half of fire. 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. | | | |