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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:**  53,273 Acres  **Growth : 2,209 Acres**  From Incident perimeter |
| **Flight Time:**  2336 (MDT)  **Flight Date:**  05/02/2018 | **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 -36 | **Aircraft/Scanner System:**  N149Z / Phoenix | **Pilots/Techs:**  Boyce, Johnson / Smith |
| **IRIN Comments on imagery:**  4 passes, Ortho and Color, some clouds | | **Weather at time of flight:**  Partly Cloudy | **Flight Objective:**  Identify and map Heat perimeter, Scattered Heat and Isolated Heat Sources. |
| **Date and Time Imagery Received by Interpreter:**  05/03/2018 – 0015 (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/2080503 | |
| **Date and Time Products Delivered to Incident:**  05/03/2018 – 0300 (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 provided by Incident named: “5-1-18 1300 hours.shp”  Start – 51,064 Acres  End – 53,273 Acres  Growth - 2,209 Acres from previous night’s IR perimeter  Perimeter growth – In the southwest perimeter of the fire, Between the Summit Tank and the Red Hill Dirt Tank on the western perimeter. Large area Southwest of Eicks Draw, this is area was difficult to interpret due to cloud cover, there is a definite line of Intense heat away from yesterday’s perimeter but it has little heat behind it. I assumed the area behind was lighter fuels that had burned and cooled. East of new perimeter growth was thin line of Intense heat, Northeast of Lynch Tank. Another area of isolated intense heat was south of main fire perimeter in Lille Lynch Draw, it has a dogleg shape. There were 2 Spot fires south of Hilo Peak and north of Granite Pass in Smuggler Hills.  Intense Heat – All areas of new perimeter growth along the new perimeter line.  Scattered Heat – Large areas behind Intense heat in areas of new perimeter growth.  Isolated Heat Sources – There were 7 isolated heat sources outside the Main fire perimeter. I attributed the shapefile with outside in the point name field. Below is the Lat/Long table of those points    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. | | | |