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| **Incident Name:**  *Mallard Fire*  TX-TXS-180461 | **IR Interpreter(s):**  Buck Buchanan  Kozy4ster@bellsout.net | **Local Dispatch Phone:**  936-875-4786 | **Interpreted Size (acres):**  75,425  **Growth from 05/14/2018 (acres):**  917 |
| **Flight Time:**  0117 CDT  **Flight Date:**  05/15/2018 | **Interpreter(s) location:**  Kosciusko, MS  **Interpreter(s) Phone:**  601-663-6927 | **GACC IR Liaison:**  Scott Wilkinson  **GACC IR Liaison Phone:**  501-538-5827 | **National Coordinator:**  **National Coord. Phone:** |
| **Ordered By:**  Melissa Forder, SITL | **A Number:**  51 | **Aircraft/Scanner System:**  N149Z/Phoenix | **Pilots/Techs:**  Boyce/Netcher/Mann |
| **IRIN Comments on imagery:**  Run 1 was unclear and had many false trips, was reflown as run 5. Runs 2-5 were Clear imagery, Good Geo-referencing | | **Weather at time of flight:**  Mostly Clear | **Flight Objective:**  Map heat perimeter, intense heat, scattered heat, and isolated heat sources. |
| **Date and Time Imagery Received by Interpreter:**  05/15/2018 0235 CDT | | **Type of media for final product:**  Shapefiles, kmz, pdf maps, IR log file  **Digital files sent to:**  NIFC FTP: /incident\_specific\_data/southern/Texas/2018\_FIRES/2018\_Mallard/IR/20180515/ | |
| **Date and Time Products Delivered to Incident:**  05/15/2018 0330 CDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started with the 5/14/2018 perimeter from the IMT GISS. Acreage was adjusted for the GPS data.  All of the growth to the heat perimeter was on the east side, mostly north of Mulberry Creek. Scatter heat polygons were mapped in the areas of growth. All other heat signatures inside of the perimeter was so few that they were mapped as isolated heat sources.  There were three isolated heat sources found north of the fire perimeter along or north of Highway 287. One isolated heat source outside the perimeter was found just east of the growth on the north side of Mulberry Creek. Four isolated heat sources were found to the south. Two of those were found between Day Windmill Flats and Tule Creek. The other two were found to the east on either side of Palo Duro Canyon.  2 maps, KMZ, shapefiles and log included in upload to ftp.  Please contact me with map errors, perimeter updates or questions to ensure future product improvements.  Thank you,  Buck Buchanan  [kozy4ster@bellsouth.net](mailto:kozy4ster@bellsouth.net) / 601-663-6927cell/txt | | | |