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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):**  74,464  **Growth from 05/13/2018 (acres):**  943 |
| **Flight Time:**  2147 CDT  **Flight Date:**  05/13/2018 | **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:**  45 | **Aircraft/Scanner System:**  N149Z/Phoenix | **Pilots/Techs:**  Boyce/Netcher/Mann |
| **IRIN Comments on imagery:**  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:**  05/13/2018 2230 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/20180514/ | |
| **Date and Time Products Delivered to Incident:**  05/13/2018 2330 CDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started with the 5/13/2018 perimeter from the IMT GISS. Acreage was adjusted for the GPS data.  The detected heat on the largest polygon was found mostly in the Mulberry Creek canyon south of Goodnight, and between Mulberry Creek and Cottonwood Creek on the east. Only two small areas had intense heat. There were a few scattered heat areas mapped, mostly in the upper Mulberry Creek drainage. There were two isolated heat sources to the northern part of the fire polygon that were inside the heat perimeter. No isolated heats sources were detected outside the main heat perimeter  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 | | | |