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| **Incident Name:**  Mesquite Heat  TX-TXS-222985 | **IR Interpreter(s):**  Mark Grupe | **Local Dispatch Phone:**  None listed on Scan Order | **Interpreted Size:**  10,732 acres  **Growth last period:**  None |
| **Flight Time:**  2014 MDT  **Flight Date:**  5/21/2022 | **Interpreter(s) location:**  Placerville, CA  **Interpreter(s) Phone:**  530-620-5787 | **GACC IR Liaison:**  **GACC IR Liaison Phone:** | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  Texas A&M Forest Service  Chris Evans  928-273-4203 | **A Number:**  7 | **Aircraft/Scanner System:**  N350SM/Tenax | **Pilots/Techs:**  Tech: John Neubert |
| **IRIN Comments on imagery:** | | **Weather at time of flight:**  Clear | **Flight Objective:**  Map Heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**  2130 5/21 | | **Type of media for final product:**  Geodatabase, shapefiles, kmz, PDF Maps  **Digital files sent to:**  <https://ftp.wildfire.gov/public/incident_specific_data/southern/Texas/2022_FIRES/2022_MesquiteHeat/IR> | |
| **Date and Time Products Delivered to Incident:**  2115 5/21 | |
| **Comments /notes on tonight’s mission and this interpretation:**  Interpretation started from previous night’s IR polygon as the EventPolygon in NIFS had not been updated. No perimeter change. If anything, tonight’s imagery revealed areas on the west and north flanks that may have not burned, but I was reluctant to make the perimeter smaller. Field verification should be made around agricultural fields to see if they actually burned.  IRWIN ID {0E0A5042-17B4-4E9C-A7A8-D0061E2D1677} | | | |