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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:**  1,119 acres from latest perimeter in NIFDS dated 5/19/22 |
| **Flight Time:**  2006 MDT  **Flight Date:**  5/20/2022 | **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:**  5 | **Aircraft/Scanner System:**  N350SM/Tenax | **Pilots/Techs:**  Tech: John Neubert |
| **IRIN Comments on imagery:**  Generally good registration although imagery in northern portion of fire was shifted about 175 ft west | | **Weather at time of flight:**  Clear | **Flight Objective:**  Map Heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**  2045 5/20 | | **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:**  2215 5/20 | |
| **Comments /notes on tonight’s mission and this interpretation:**  Interpretation started with latest perimeter found in NIFS. Fire does not seem very active and there are a few internal isolated heats. The agricultural fields along the north flank made it difficult to determine if they had burned our not as they tend to cool quickly after burning.  IRWIN ID {0E0A5042-17B4-4E9C-A7A8-D0061E2D1677} | | | |