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| **Incident Name:**  Davis  NM-GNF-000382 | **IR Interpreter(s):**  Zack Muirbrook  Zack.muirbrook@usda.gov | **Local Dispatch Phone:**  Silver City Dispatch  575-538-5371 | **Interpreted Size:**  4,921 Acres  **Growth last period:**  \*3,938 Acres |
| **Flight Time:**  2305 MDT  **Flight Date:**  7/20/2023 | **Interpreter(s) location:**  Idaho Falls, ID  **Interpreter(s) Phone:**  208-221-3775 | **GACC IR Liaison:**  Tom Mellin  **GACC IR Liaison Phone:**  505-301-8167 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  T Arguello  Silver City Dispatch | **A Number:**  A-3 | **Aircraft/Scanner System:**  N350FV/TK9 | **Pilots/Techs:**  Tech: Dan Thrash |
| **IRIN Comments on imagery:**  One pass, good imagery | | **Weather at time of flight:**  Clear | **Flight Objective:**  IR heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**  7/20/2023 2315 MDT | | **Type of media for final product:**  IRIN Daily Log, Shapefiles, File Geodatabase, KMZ, PDF Maps  **Digital files sent to:**  /incident\_specific\_data/southwest/GACC\_Incidents/2023/2023\_Davis/IR | |
| **Date and Time Products Delivered to Incident:**  7/21/2023 0225 MDT | |
| **cComments /notes on tonight’s mission and this interpretation:**  \*The incident sent a picture of a hand drawn perimeter that incorporated into my previous nights IR perimeter. This resulted in a LOT of growth, some of which was probably from the previous burn period filling in unburned fingers. There were a couple spots, mainly in the SW, where I used IR data instead of the hand drawn perimeter because I was confident it was a good perimeter. Where I could not see any heat, I still used the hand drawn lines to connect heat (per ops request). Any areas where previous IR showed across the hand drawn line I used the previous IR.  The extent of the fire mainly spread to the south. With a long stringer shooting out to the west and a burnout along Cox Canyon Rd. There was no intense heat mapped. There is a lot of scattered heat still with large cool areas as well. The cool have some isolated heat throughout. There are a couple isolated heat sources outside the perimeter. One on the west flank and one on pinion knob. There are several “possible” heat sources in the very south end of the fire that look like very faint heat. Possibly residual heat from light fuels burning rapidly. | | | |