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| **Incident Name:**DavisNM-GNF-000382 | **IR Interpreter(s):**Zack MuirbrookZack.muirbrook@usda.gov | **Local Dispatch Phone:**Silver City Dispatch575-538-5371 | **Interpreted Size:**983 Acres**Growth last period:**806 Acres |
| **Flight Time:**2106 MDT**Flight Date:**7/19/2023 | **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 ArguelloSilver City Dispatch | **A Number:**A-1 | **Aircraft/Scanner System:**N350FV/TK9 | **Pilots/Techs:**Tech: Dan Thrash |
| **IRIN Comments on imagery:**One pass, heat may not all be covered | **Weather at time of flight:**Cloudy | **Flight Objective:**IR heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**7/19/2023 2130 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:**7/20/2023 0005 MDT |
| **Comments /notes on tonight’s mission and this interpretation:**I used the IR perimeter from the previous night as a starting point.The fire grew significantly to the south. It reached Pinion Knob to the SW with a few intense but small spots to Sheep Camp Tank in the SE, with very small spots all along the 4047G road. There was very little growth to the north. The main perimeter is very stringy and spoty. There are a few small patches of intense heat scattered around, but mostly everything was mapped as scattered heat. There are a few small spots mapped as perimeter that were identified as isolated heat. The rest of the isolated heat falls outside the perimeter in spots that were too small to map as perimeter. There was a strip of cloud cover down the middle that obscured the heat. But there was still enough showing through to map. There is likely heat that I missed, and conversely there are probably areas without heat within the perimeter. It would be beneficial to get a gps flight to ground truth the perimeter.  |