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| **Incident Name:**  Backbone | **IR Interpreter(s):**  Hillary Hudson  hillary.hudson@usda.gov | **Local Dispatch Phone:**  Santa Fe National Forest  (505) 438-5600 | **Interpreted Size:**  40,591 acres  **Growth last period:**  3,295 acres |
| **Flight Time:**  1900 AST  **Flight Date:**  June 22, 2021 | **Interpreter(s) location:**  Santa Fe, NM  **Interpreter(s) Phone:**  (928) 606-1994 | **GACC IR Liaison:**  Tom Mellin  **GACC IR Liaison Phone:**  (505) 301-8167 | **National Coordinator:**  Nate Yorgason  **National Coord. Phone:**  (435) 590-1107 |
| **Ordered By:**  Chandler Mundy | **A Number:**  A-79 | **Aircraft/Scanner System:**  N350FV | **Pilots/Techs:**  Pilot: Husman  Pilot: Buss  Tech: Gugler |
| **IRIN Comments on imagery:**  Smoke along the north edge of the fire made interpretation a bit difficult | | **Weather at time of flight**  Clear | **Flight Objective:**  Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**  June 23, 2021 2100 AST | | **Type of media for final product: p**df map, IR log, KMZ and shapefiles  **Digital files sent to:**  **/incident\_specific\_data/southwest/GACC\_Incidents/2021/2021\_Backbone/IR/20210623**  **Digital files emailed to**: [chandler\_mundy@firenet.gov](mailto:chandler_mundy@firenet.gov), rick.crawford@usda.gov | |
| **Date and Time Products Delivered to Incident:**  June 24, 2021 0100 AST | |
| **Comments /notes on tonight’s mission and this interpretation:**  I started with the event polygon perimeter from NIFS**.**  Smoke along the north edge of the fire made interpretation a bit difficult. In addition, there was a portion of the fire that wasn’t covered by the IR flight as can be seen in the screenshot below. Many isolated heat sources were outside of the heat perimeter along the northern edge of the fire, though, it is also possible that because smoke obscured the heat on the ground those points should be included in the perimeter. I also found quite a few isolated heat sources outside of the heat perimeter on the east, west and south sides. I examined orthophotos before identifying those areas as isolated heat, however, they were very faint in the color imagery and may have come from another source. Ground verification would be needed to determine the cause of the heat in those locations. No areas of intense heat were seen. | | | |