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| **Incident Name:**Sycamore CanyonAZ-PPA-000327 | **IR Interpreter(s):**Hillary Hudsonhillary.hudson@usda.gov | **Local Dispatch Phone:**Tucson Interagency Fire Center(520) 202-2710 | **Interpreted Size: ???-** 1724 acres**Growth last period:**182 acres |
| **Flight Time:**0135 AST**Flight Date:**May 29, 2021 | **Interpreter(s) location:**Santa Fe, NM**Interpreter(s) Phone:**(928) 606-1994 | **GACC IR Liaison:**Tom Mellin**GACC IR Liaison Phone:**(505) 842-3845 | **National Coordinator:**Tom Mellin**National Coord. Phone:**(505) 842-3845 |
| **Ordered By:**Chris Stetson | **A Number:**A-51 | **Aircraft/Scanner System:**N149Z/Phoenix | **Pilots/Techs:**Pilot: JohnsonPilot: HelquistTech: Mann |
| **IRIN Comments on imagery:**Good | **Weather at time of flight**Clear | **Flight Objective:**Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**2021 May 28, 0130 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\_SycamoreCanyon/IR/20210528**Digital files emailed to**: Stetson, Christopher -FS <christopher.stetson@usda.gov>; Carter, Christian - FS <christian.carter@usda.gov> |
| **Date and Time Products Delivered to Incident:**2021 May 28, 0330 AST |
| **Comments /notes on tonight’s mission and this interpretation:**I started with yesterday’s NIFS perimeter posted by the GISSes. The image was cloud free and gave a clear view of the entire fireThe areas marked as intense heat have an intensity below average for this pixel type, however, they are the most have the most heat of all the areas on this fire. There are several isolated heat sources outside of the perimeter, one at 2 o’clock and several at 8 o’clock. Some of the hottest areas are in the spot fire off the west side of the fire. Most of the fire appears to have little heat, though there are isolated heat sources throughout the cooler portions of the heat perimeter. |