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| **Incident Name:**Sawtooth(AZ-TNF-001306) | **IR Interpreter(s):***Cheron Ferland**cheron.ferland@usda.gov* | **Local Dispatch Phone:**Phoenix Interagency(480-457-1555) | **Interpreted Size:**23,298 acres**Growth last period:**2,253 acres |
| **Flight Time:**2239 MST**Flight Date:**June 3, 2020 | **Interpreter(s) location:**Taos, NM**Interpreter(s) Phone:**541-654-1122 | **GACC IR Liaison:**Tom Mellin**GACC IR Liaison Phone:**505-301-8167 | **National Coordinator:**Same as GACC**National Coord. Phone:** |
| **Ordered By:**reg\_coord3 | **A Number:**59 | **Aircraft/Scanner System:**N149Z/Phoenix | **Pilots/Techs:**Rob Navarro (IR Tech) |
| **IRIN Comments on imagery:**Good Imagery; 3 Runs. There is a known scanner issue causing a slight shift in the scans. NIROPS is working to correct it and the IRIN has adjusted for it. However it may still affect the accuracy of some of the mapped heat by ~ 100 meters.  | **Weather at time of flight**Clear | **Flight Objective:**Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:** | **Type of media for final product: p**df map, IR log, KMZ and shapefiles**Digital files sent to:**  ftp.nifc.gov//incident\_specific\_data/southwest/GACC\_Incidents/2020/2020\_Sawtooth/IR |
| **Date and Time Products Delivered to Incident:** |
| **Comments /notes on tonight’s mission and this interpretation:**I began mapping from the GIS perimeter provided by GISS Rick Crawford on EGP/NIFS tonight.The heat perimeter increased by 2,253 acres but that was mostly due to daytime aerial recon adjusting the perimeter based on the visible burned area in the Northwestern portion of the fire.There was limited scattered and isolated heat within the interior.There were six spots of isolated heat outside the heat perimeter. They are called out on the map and located at the follow lat/longs:* West of Pinon Canyon - 111°22'30.264"W 33°25'32.01"N
* West of Quarter Circle U Ranch – 111°20'34.145"W 33°23'2.895"N
* Randolf Canyon -- 111°15'23.988"W 33°24'11.689"N
* Fraser Canyon -- 111°15'21.545"W 33°23'45.307"N & 111°15'6.98"W 33°23'51.864"N
* Musk Hog -- 111°14'39.867"W 33°23'41.022"N

There were also several what I suspect as false heat detects outside the western flank of the heat perimeter that were in rocky SW facing steep areas. (see green polygons on map). The IR Tech agreed they were most likely false trips due to higher threshold in scanner settings.

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