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| **Incident Name:**BUSH(AZ-TNF-001581) | **IR Interpreter(s):**Bob Brantlingerrobert.brantlinger@usda.gov | **Local Dispatch Phone:**PHOENIX INTERAGENCY FIRE CENTER(480-457-1532) | **Interpreted Size:**174,397 Acres**Growth last period:**23.322 Acres |
| **Flight Time:**2233 MST**Flight Date:**June 19, 2020 | **Interpreter(s) location:**Durango, CO**Interpreter(s) Phone:**970-769-6551 | **GACC IR Liaison:**Tom Mellin**GACC IR Liaison Phone:**505-301-8167 | **National Coordinator:**Tom Mellin**National Coord. Phone:**505-301-8167 |
| **Ordered By:**Jame Heitholt | **A Number:**67 | **Aircraft/Scanner System:**N149Z/Phoenix | **Pilots/Techs:**Johnson-Boyce / Mann  |
| **IRIN Comments on imagery:**Good Imagery, 3 runs, Rectification was off on all 3 scans. | **Weather at time of flight**Clear | **Flight Objective:**Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**06/19/2020 0130 MST | **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\_Bush/IR |
| **Date and Time Products Delivered to Incident:**06/18/2020 0400 MST |
| **Comments /notes on tonight’s mission and this interpretation:**Started Interpretation with perimeter provided by Incident Event Poly :  Incident Geodatabase -20200619\_2130\_Bush\_AZTNF001581\_event.gdbStart Interpretation – 151,075 AcresEnd –174,397 Acres Growth – 23,322 AcresHeat perimeter growth was 23,322 Acres.  Heat perimeter growth was the mapped in Northern area of the fire with the elimination of unburnt fuels from previous night’s IR due to active burn operations that allowed the merging of previous night’s heat polygons into tonight’s heat perimeter.Heat perimeter growth occurred in the Southern Heat perimeter. The fire has portions that grew to the edge of the Salt River and Apache Lake.Two areas of growth was the elimination of fuels in the previous “Islands” of unburned fuels in the interior of the Incident.**-Intense heat**Along the North Western perimeter where there was burn activity. West of Mt Ord, North and South of Baker Mtn. along Perimeter.In the Park Creek Drainage west of Punkin Center.In the southern area, along with new perimeter growth, north of Sycamore Creek.**-Scattered Heat**Scattered in the interior of the heat perimeter with the majority and larger areas being in the Northern area of the perimeter behind the intense heat and southern half of the heat perimeter. **- Isolated Heat**Less than in previous nights, especially in the eastern half of the fire.

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