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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:**184,531 Acres**Growth last period:**9,171 Acres |
| **Flight Time:**2153 MST**Flight Date:**June 20, 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:**69 | **Aircraft/Scanner System:**N149Z/Phoenix | **Pilots/Techs:**Johnson-Helquest / Mann  |
| **IRIN Comments on imagery:**Good Imagery, 4 runs, Clear imagery. | **Weather at time of flight**Clear | **Flight Objective:**Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**06/20/2020 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:**06/20/2020 0330 MST |
| **Comments /notes on tonight’s mission and this interpretation:**Started Interpretation with perimeter downloaded from NIFS. No updated geodatabase was posted to NIFC FTP.There were minor changes to perimeter which increased the acres for start of tonight’s Interpretation.  Acres calculated from Feature service for start of Interpretation using NAD 83 UTM Z12.Start Interpretation – 175,360 AcresEnd –184,531 Acres Growth – 9,171 AcresHeat perimeter growth was 9,171 Acres. Heat perimeter growth was primarily associated with burn out in the Northwest perimeter along the Bee line highway (HWY 87) from the Maricopa/Gila county line north to the Slate Creek Drainage (NFR 26). This area along the highway contained the most Intense heat with Scattered heat behind the Intense Heat.There is Scattered heat and isolated heat inside perimeter on both sides of NFR 26 road at the intersection of Highway 87.Northern perimeter of fire has predominately Isolated heat sources away from established perimeter.Eastern perimeter has Isolated heat sources within perimeter.Southern perimeter has growth from perimeter backing down into Apache Lake. NO heat sources were observed on the south side of Apache reservoir.Western perimeter south of NFR-22 has all isolated heat sources within heat perimeter.There was acreage growth to total acres due to fuel consumption of the interior “Island/Donut Holes” Polygons.All IR maps are georeferenced for use in Avenza and other apps.

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