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| **Incident Name:**  Johnson  NM-GNF-000276 | **IR Interpreter(s):**  Bob Brantlinger  robert.brantlinger@usda.gov | **Local Dispatch Phone:**  Silver City  575-538-5371 | **Interpreted Size:**  38,226Acres  **Growth: 1,026** Acres  (From previous NIFS IR perimeter dated 06/01/2021) |
| **Flight Time:**  2155 (MDT)  **Flight Date:**  06/02/2021 | **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:**  Jacqueline  575-538-5371 | **A Number:**  A -29 | **Aircraft/Scanner System:**  N149Z / Phoenix | **Pilots/Techs:**  Boyce, Helquist / Mann |
| **IRIN Comments on imagery:**  2 passes, Ortho and Color, hazy, clouds | | **Weather at time of flight:**  Scattered low lying clouds,  Both dense and light cloud cover | **Flight Objective:**  Identify and map Heat perimeter, Scattered Heat and Isolated Heat Sources. |
| **Date and Time Imagery Received by Interpreter:**  06/02/2021 – 2245 (MDT) | | **Type of media for final product:**  Geodatabase, PDF and IRIN Log  **Digital files sent to: NIFC FTP @**  /incident\_specific\_data/southwest/GACC\_Incidents/2021/2021\_Johnson/IR/20210603, NIFS feature data service | |
| **Date and Time Products Delivered to Incident:**  06/03/2021 –0100 (MDT) | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started tonight’s interpretation using previous night’s IR perimeter from NIFS  Start – 37,200 Acres  End – 38,226 Acres  Growth – 1,026 Acres  Much cooler than previous nights  Both light and heavy cloud cover over the fire, where it was heavy no heat was scanned, where it was light some heat points observed. IR is absorbed by water vapor, not allowing the signal to read the ground. Area where no heat was scanned but expected was shown as Cloud Cover on the maps and a feature class was uploaded to NIFS.  Perimeter growth was primarily on the West and Southern Flanks of the fire. Small pockets of growth on the northwest and southwest flanks.  Intense Heat and perimeter growth crossed the ridge between Woodrow and Sycamore canyons and is working down Sycamore Canyon.  Scattered heat in the Trail Creek area.  The northern perimeter was obscured by clouds and no heat was detected.  On the eastern perimeter a lot of scattered heat on the north facing ridge of Little Creek. There were a lot of light clouds over this area and there could be more heat than what was scanned.  Isolated heat sources throughout the center areas of perimeter.  All pdf maps are georeferenced for use in Avenza and other map Apps. | | | |