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| **Incident Name:**  BONITA  (NM-CAF-000152) | **IR Interpreter(s):**  Cheron Ferland  [clferland@fs.fed.us](mailto:clferland@fs.fed.us) | **Local Dispatch Phone:**  Taos Dispatch (NM)  (575-758-6208) | **Interpreted Size:**  6,406 Acres  **Growth last period:**  441 Acres |
| **Flight Time:**  0311 MDT  **Flight Date:**  06/20/2017 | **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:**  Tom Mellin  **National Coord. Phone:**  505.301.8167 |
| **Ordered By:**  Elias Hurtado | **A Number:**  26 | **Aircraft/Scanner System:**  N149Z/Phoenix | **Pilots/Techs:**  Josh Boyak (IR Tech) |
| **IRIN Comments on imagery:**  Great imagery. Two runs, north-south. The aircell onboard the IR plane was not functioning tonight and the IR tech also couldn’t access ftp so files had to be emailed to me once he landed at the end of his mission around 0400. Additionally the IR Tech could not provide the raw heat shapefile, thus some heat may have been missed. | | **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:**  Pdf map, KMZ, IR log and shapefiles  **Digital files sent to:**  [ftp.nifc.gov/incident\_specific\_data/southwest/GACC\_Incidents/2017/2017\_Bonita/IR](ftp://ftp.nifc.gov/incident_specific_data/southwest/GACC_Incidents/2017/2017_Bonita/IR) | |
| **Date and Time Products Delivered to Incident:**  06/20/2017 @ 0600 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I mapped from last night’s IR heat perimeter. The heat perimeter grew by 7% (441 acres). Most of the growth is due to burn-out operations.  The aircell onboard the IR plane was not functioning tonight and the IR tech also couldn’t access ftp so files had to be emailed to me once he landed at the end of his mission around 0400. Additionally the IR Tech could not provide the raw heat shapefile, thus some heat may have been missed.  There was heat growth on the southern flank of the fire including along Road 45 which is likely a result of back-firing operations.  There was also some heat expansion on the western flank adjacent to Rio Vallecitos.  There were some small pockets of intense, scattered, and isolated interior heat but diminished compared to previous nights. | | | |