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| **Incident Name:**  Cajete Fire  NM-SNF-000222 | **IR Interpreter(s):**  Bob Brantlinger | **Local Dispatch Phone:**  NM-SFC  505-438-5600 | **Interpreted Size:**  **662 Acres**  **Growth last period:**  1st IR Flight |
| **Flight Time:**  0204 MDT  **Flight Date:**  06/16/2017 | **Interpreter(s) location:**  Durango, Co.  **Interpreter(s) Phone:**  970-769-6551 | **GACC IR Liaison:**  Tom Mellin  **GACC IR Liaison Phone:**  505-842-3845 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-842-3845 |
| **Ordered By:**  R3 RO FAM  406-581-4622 | **A Number:**  A-21 | **Aircraft/Scanner System:**  XCN49/Phoenix | **Pilots/Techs:**  Ed Netcher / Kris Nelson  Tech - Josh |
| **IRIN Comments on imagery:**  1 passes Ortho and Color, Good Imagery. | | **Weather at time of flight:**  Clear | **Flight Objective:**  Map heat perimeter, intense heat, scattered heat, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**  06/16/2017 0230 (MDT) | | **Type of media for final product:**  Shapefiles, KMZ, PDF  **Digital files sent to:**  [ftp.nifc.gov//incident\_specific\_data/southwest/GACC\_Incidents/2017/2017\_Cajete/IR/20170616](ftp://ftp.nifc.gov//incident_specific_data/southwest/GACC_Incidents/2017/2017_Cajete/IR/20170616).  Email – [jrieck@fs.fed.us](mailto:jrieck@fs.fed.us), [dchavez@blm.gov](mailto:dchavez@blm.gov) | |
| **Date and Time Products Delivered to Incident:**  06/16/2017 0400 (MDT) | |
| **Comments /notes on tonight’s mission and this interpretation:**  **1st night IR Interpretation (06/15/2017).**  Started interpretation by pulling VIIRS (375km) heat hits from FIRMS (Fire Information), Earthdata-NASA Modis VIIRS site, before the NIROPS flight. Drew a rough polygon to get started from heat hits.  Cajete fire – Start- 0 Acres, -- End – 662 Acres – 1st Night of Interpretation.  Intense heat –There was a large area of Intense heat (in most) of the southeast leg (South of Highway 4) Sec 7.  Multiple spot fires and Isolated heat sources to the east of the eastern heat perimeter with Intense heat both north and south of Hwy 4. Intense heat along the Northern heat perimeter, east of large meadow in the NW corner of heat perimeter.  \*\* There are 3 large spot fires east of main fire heat perimeter 2 North and one south 0f Highway 4\*\*  Scattered Heat – Most of the interior of the northern leg of the heat perimeter, along perimeter and behind the Intense heat along perimeter. The western perimeter was scattered heat.  Isolated Heat sources – In the large meadows on the eastern and western heat perimeter. Multiple points between the northern and southern legs of the fire. Near the spring area along highway. | | | |