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| **Incident Name:**  Bluecut  CA-BDF-010468 | **IR Interpreter(s):**  Jorge Enriquez | **Local Dispatch Phone:**  909 382-2911  San Bernardino Forest | **Interpreted Size:**  32,976 acres  **Growth last period:**  3,358 acres |
| **Flight Time:**  2303 MDT  **Flight Date:**  08/16/2016 | **Interpreter(s) location:**  Petersburg, AK  **Interpreter(s) Phone:**  907-518-4123 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Melinda McGann  **National Coord. Phone:**  208-387-5900 |
| **Ordered By:**  Dan Bates | **A Number:**  A-140 | **Aircraft/Scanner System:**  N144Z/Phoenix | **Pilots/Techs:**  Kingsbury, Johnson, Rob |
| **IRIN Comments on imagery:**  Good imagery-lots of scattered heat | | **Weather at time of flight:**  clear | **Flight Objective:**  Heat detection & mapping |
| **Date and Time Imagery Received by Interpreter:**  08/16/2016 2330 PDT | | **Type of media for final product:**  PDF Maps, shapefiles, Log, kmz.  **Digital files sent to:**  [ftp.nifc.gov/](ftp://ftp.nifc.gov/incident_specific_data/calif_n/) /incident\_specific\_data/calif\_s/2016\_Incidents/CA-BDF-010468\_Bluecut/IR/20160816 | |
| **Date and Time Products Delivered to Incident:**  08/16/2016 0445 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I used the 9/16 GISS fire perimeter as a base to start tonight's interpretation. I only mapped areas that displayed heat, there may be areas that have burned but since cooled down.  The Bluecut perimeter increase was approximately 3,358 acres. Most of the perimeter increase in along the northern/ northwest portion of the fire. Other areas of increase are found in the northeastern (new perimeter found ahead of main fire front) and southeastern portion of the fire. Intense heat is also displayed in the areas of increase mentioned above. The high concentrations of isolated heat sources were mapped as scattered heat to avoid isolated heat sources cluttering most of the map area (and save time). There are a total of 950 isolated heat sources: 749 scattered throughout the interior of the fire and 201 heat sources found outside the fire perimeter. The majority of the isolated heat sources found outside of the fire perimeter are associated with the perimeter increase areas mentioned above, with some additional ones found outside the northeastern edge. All isolated heat sources where given X/Y coordinates, so Operations may download into GPS and navigate to these areas. (In looking over the area once more found and additional 37 acres were mapped on the eastern most/ northwestern tip of the fire… Mostly scattered heat).  Please call Jorge at the number above, if you have questions or feedback. | | | |