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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:**  37,002 acres  **Growth last period:**  1,119 acres |
| **Flight Time:**  2327 MDT  **Flight Date:**  08/18/2016 | **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-76 | **Aircraft/Scanner System:**  N144Z/Phoenix | **Pilots/Techs:**  Johnson/Nelson/Navarro |
| **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:**  08/17/2016 2300 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/20160818 | |
| **Date and Time Products Delivered to Incident:**  08/18/2016 0230 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Updated perimeter to revised IR heat perimeter and incorporated GISS 8/18 fire perimeter as a base to start tonight's interpretation.  The Bluecut perimeter increase was approximately 1,119 acres. Most of the perimeter increase in along the northwestern tip, western edge, and southern tip of the fire. Intense heat is also displayed along the western edge and southern tip areas 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). Found some questionable heat directly east of the fire, mapped as isolated heat and scattered heat. Found out later it was part of the Pilot Fire imagery. Mapped as scattered heat, not to add to Bluecut heat perimeter acreage. There are a total of 347 isolated heat sources: 283 scattered throughout the interior of the fire and 31 heat sources found outside the fire perimeter. 33 additional isolated heat sources found in the vicinity of the Pilot Fire and are within the source layer. 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 eastern edges. There one questionable heat sources mapped as isolated heat displayed on last night’s imagery found 4 miles to the northeast of the fire. All isolated heat sources where given X/Y coordinates, so Operations may download into GPS and navigate to these areas. Please call Jorge at the number above, if you have questions or feedback. | | | |