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| **Incident Name:**  SOBERANES  CA-BEU-003422 | **IR Interpreter(s):**  Kurt Teuber  kteuber@fs.fed.us | **Local Dispatch Phone:**  BEU Expanded  831-647-6241 | **Interpreted Size:**  27,322 Acres  **Growth last period:**  5,166 Acres |
| **Flight Time:**  2139 PDT  **Flight Date:**  07/27/2016 | **Interpreter(s) location:**  South Lake Tahoe, CA  **Interpreter(s) Phone:**  530-386-0685 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  Andreas Johansson  951-233-8808 | **A Number:**  A-154 | **Aircraft/Scanner System:**  N144Z/Phoenix | **Pilots/Techs:**  left: Dan Johnson  right: Kris Nelson  tech: Mike Mann |
| **IRIN Comments on imagery:**  Good, clear imagery. Some fog cover along coastline. 3 strips. | | **Weather at time of flight:**  Clear | **Flight Objective:**  Heat detection & mapping |
| **Date and Time Imagery Received by Interpreter:**  07/27/2016 2150 PDT | | **Type of media for final product:**  PDF Maps, shapefiles, Word doc (this log), kmz.  **Digital files sent to:**  [ftp.nifc.gov/incident\_specific\_data/calif\_s/CALFIRE/2016\_Incidents/CA-BEU-003422\_Soberanes/IR/20160728](ftp://ftp.nifc.gov/incident_specific_data/calif_s/CALFIRE/2016_Incidents/CA-BEU-003422_Soberanes/IR/20160728)  [Daniel.dresselhaus@fire.ca.gov](mailto:Daniel.dresselhaus@fire.ca.gov)  andreasj@ci.corona.ca.us | |
| **Date and Time Products Delivered to Incident:**  Initial Heat Perimeter: 7/27/2016 2330 PDT  Final Products: 7/28/2016 0200 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I started with the perimeter from 20160727\_2134\_Soberanes\_16CABEU003422\_Poly\_FirePolygon\_NAD\_1983\_California\_Teale\_Albers.shp, provided by incident.  Significant amounts of intense heat exist along the eastern and southern perimeter, especially near the outer margins of the fire. Most of the perimeter growth has occurred in the southeastern part of the fire. One patch of very intense heat has crested the ridge between Mt. Carmel and Devil’s Peak, and appears to be heading down into the Pine Creek drainage.  The interior of the fire is mostly scattered heat and isolated heat sources, especially in the northwestern section of the fire. A number of stringers of scattered heat follow the west-facing drainage bottoms, and in some cases have cooled to become a line of isolated heat sources.  Some fog along the coastline obscured parts of the western edge of the fire. The perimeter was less obvious in these areas, although some heat could definitely be seen through the marine layer. This part of the heat perimeter may be somewhat less accurate and is probably underestimated. Small pockets of intense heat exist in the drainage bottoms along the western perimeter. | | | |