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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:**  19,311 Acres  **Growth last period:**  4,414 Acres |
| **Flight Time:**  2313 PDT  **Flight Date:**  07/25/2016 | **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-117 | **Aircraft/Scanner System:**  N144Z/Phoenix | **Pilots/Techs:**  left: Don Boyce  right: Kris Nelson  tech: Kaz |
| **IRIN Comments on imagery:**  Good, clear imagery. Some fog cover along coastline. 3 strips. | | **Weather at time of flight:**  Mostly clear | **Flight Objective:**  Heat detection & mapping |
| **Date and Time Imagery Received by Interpreter:**  07/25/2016 2330 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/20160726](ftp://ftp.nifc.gov/incident_specific_data/calif_s/CALFIRE/2016_Incidents/CA-BEU-003422_Soberanes/IR/20160726)  [Daniel.dresselhaus@fire.ca.gov](mailto:Daniel.dresselhaus@fire.ca.gov)  andreasj@ci.corona.ca.us | |
| **Date and Time Products Delivered to Incident:**  7/26/2016 0325 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I started with the FirePolygon from the incident geodatabase for an initial perimeter:  20160725\_0225\_Soberanes\_16CABEU003422\_Poly\_FirePolygon\_NAD\_1983\_California\_Teale\_Albers.shp.  The fire grew significantly beyond the initial perimeter, especially along the northern tip of the fire, and in the southern third of the fire, where the spot fire detected previously has grown and merged with the main body of the fire.  Most of the intense heat was found along the eastern boundary, and in the southern part of the fire near Mill Creek and Palo Colorado Road. Most of the growth in the past 24 hours has been in this area. The fire continues to grow in a southeastern trend.  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.  Please let me know if you have any questions or comments about the IR products, or requests for specific products.  Kurt Teuber 530-386-0685 | | | |