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| **Incident Name:**  Castle SQF Complex  Incident #:  CA-SQF-002541 | **IR Interpreter(s):**  Cameron Rodriguez  Mark Zaller | **Local Dispatch Phone:**  559-781-5780 | **Interpreted Size:** 179063.28-179011 Acres  **Growth last period:**  52 Acres |
| **Flight Time:**  1715 PDT  **Flight Date:**  20201031 | **Interpreter(s) location:**  Columbia. CA  **Interpreter(s) Phone:**  408-623-4303 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Tom Mellin  **Phone:**  505-842-3845 |
| **Ordered By:**  Bryan Vergne  619-733-8112 | **A Number:**  A-610 | **Aircraft/Scanner System:**  N77HS/TK-7 | **Pilots/Techs:**  Dan Mathern  Kris Albrecht |
| **IRIN Comments on imagery:**  16-bit LWIR Imagery was clear. Geo-reference was good, but still corrected it futrther in ESRI. Team also asked for RGB and NIR, so the flight was conducted befored dark. These are on GDrive sent to the team | | **Weather at time of flight:**  Clear | **Flight Objective:**  Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**  20201031 1930 PDT | | **Type of media for final product:**  Shapefiles, KMZ files, maps, IRIN log  **Digital files sent to NIFC ftp**  **Emailed to:**  bryan.vergne@usda.gov edward.apalinski@dep.nj.gov nicole.selmer@firenet.gov | |
| **Date and Time Products Delivered to Incident:**  20201101 0015 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  **The whole Rattlesnake was flown in addition to the SQF. Fire growth was minimal, much less than previous days. The SQF grew slightly North, and the Rattlesnake slight more to the South. Although the tips of two fires overlap and they are moving slowly along side of each other, they are not headed for heach other.**  **Intense heat was much less. Isolated heat too was less, but looking closely, many were identified. Some from the previous day were gone. Using the RGB imagery smoke could be seen on some of the isolated heat spots.**  **16-bit LWIR captured during the day seemed as good as the night captures. RGB had late day sun shadows and would be nicer if captured mid-day.**  **Today's Heat Perimeter was built from NIROPS IR perimeter 20201031.** | | | |