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| **Incident Name:**  Castle SQF Complex  Incident #:  CA-SQF-002541 | **IR Interpreter(s):**  Cameron Rodriguez | **Local Dispatch Phone:**  559-781-5780 | **Interpreted Size:** 179,194  **Growth last period:**  131 Acres |
| **Flight Time:**  1630 PDT  **Flight Date:**  20201101 | **Interpreter(s) location:**  Columbia. CA  **Interpreter(s) Phone:**  619-922-9561 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Tom Mellin  **Phone:**  505-842-3845 |
| **Ordered By:**  Situation (218-235-8985) | **A Number:**  A-612 | **Aircraft/Scanner System:**  N77HS/TK-7 | **Pilots/Techs:**  Lauren White  Dan Mathern  Cameron Rodriguez  Kris Albrecht |
| **IRIN Comments on imagery:**  Imagery was obstructed in places due to cloud layers. Geo-reference was not good, but corrected well in ESRI. Team also asked for RGB and NIR, so the flight was conducted before dark. These are on GDrive sent to the team | | **Weather at time of flight:**  Cloudy | **Flight Objective:**  Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**  20201101 1640 PDT | | **Type of media for final product:**  Shapefiles, KMZ files, maps, IRIN log  **Digital files sent to NIFC ftp**  **Emailed to:**  edward.apalinski@dep.nj.gov nicole.selmer@firenet.gov | |
| **Date and Time Products Delivered to Incident:**  20201101 2215 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  **We flew the Southern half of the Rattlesnake fire, and then we flew the entire Castle fire. Fire growth was more than the previous day. The SQF grew slightly in the North West, and the Rattlesnake slightly more to the South. Although the tips of two fires overlap, they are moving slowly alongside of each other, and are not headed for each other.**  **16-bit LWIR captured during the day seemed as good as the night captures.** Heat Perimeter from 20201101 NIROPS products was used to generate tonight’s NIROPS products. | | | |