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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:** 179,834 acres  **Growth last period:**  367 Acres |
| **Flight Time:**  1700 PST  **Flight Date:**  20201103 | **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-618 | **Aircraft/Scanner System:**  N4717V /TK-7 | **Pilots/Techs:**  Lauren White  Cameron Rodriguez |
| **IRIN Comments on imagery:**  Imagery was obstructed in places due to cloud layers. Initial imagery Geo-reference was good, did not need ESRI Georefrence correction. 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:**  Clouds had several layers today and the day before | **Flight Objective:**  Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**  20201103 1700 PST | | **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:**  20201104 0100 PST | |
| **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 in the North, and the Rattlesnake more to the South and West. The tips of two fires overlap, they are moving slowly alongside of each other, and are possibly headed for each other. The upper Western side of the Castle fire is showing movement to the East.**  **16-bit LWIR captured during the day seemed as good as the night captures.** **Heat Perimeter from 20201103 NIROPS products and updated perimeter were used to generate tonight’s NIROPS products. The South end of the rattle snake is showing more heat than the past 3 nights.** | | | |