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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:** 180,134 acres  **Growth last period:**  177\* Acres ( See Comments) |
| **Flight Time:**  1900 PST  **Flight Date:**  20201105 | **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-625 | **Aircraft/Scanner System:**  N4717V /TK-7 | **Pilots/Techs:**  Robert Hudson  Cameron Rodriguez |
| **IRIN Comments on imagery:**  Good imagery. Initial imagery Geo-reference was good, did not need ESRI Geo-Reference correction. | | **Weather at time of flight:**  Several layers of light clouds today and the day before | **Flight Objective:**  Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**  20201105 1900 PST | | **Type of media for final product:**  Shapefiles, KMZ files, maps, IRIN log  **Digital files sent to NIFC ftp**  **Emailed to:**  sierra\_brown@firenet.gov [mark\_campbell@firenet.gov](mailto:mark_campbell@firenet.gov) emily@cencalgis.com | |
| **Date and Time Products Delivered to Incident:**  20201106 0345 PST | |
| **Comments /notes on tonight’s mission and this interpretation:**  **Today’s growth value slightly inaccurate, Due to yesterday’s payload difficulties and not being able to fully interpret the data. 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 Southern portion of the castle is showing allot of small, scattered heat sources. The North Eastern side of the Castle fire grew east towards the Rattle Snake fire, and the Rattlesnake more to the East. 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 night.** **Heat Perimeter from 20201105 NIROPS products and updated perimeter were used to generate tonight’s NIROPS products.** | | | |