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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:** 179011 Acres  **Growth last period:**  216 Acres |
| **Flight Time:**  2330 PDT  **Flight Date:**  20201030 | **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-609 | **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 mostly good but off in a few places. ESRI Geo-Reference tool was used to improve LWIR orthomosaic accuracy | | **Weather at time of flight:**  Clear | **Flight Objective:**  Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**  20201030 2350 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:**  20201031 0145 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  **Only the southern half of the Rattle Snake fire was flown, and the entire Castle/SQF fire was flown. The Rattlesnake continuse to move closer and is overlapping in a canyon to the east, but is not headed directly to the SQF. The northern edge of the SQF is moving closer to the Rattlesnake, but but more slowly and staying on top of the ridge the the west.**  **On the eastern half of the SQF fire the north tip's east and west shoulders are the most active, but less than the days before. The eastern half's North edge where it meets the western half is slightly active. The Western half's northeastern side is moderately active. The southern portions of the fire is mostly not active fire but has some isolated heat. The Heat Perimeter from last nights data products were used to Generate tonight’s data products.** | | | |