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| **Incident Name:**SQF Complex(CA-SQF-002622) | **IR Interpreter(s):**Julian Mesickmesickj@gmail.com | **Local Dispatch Phone:**Central California Communications Center (559-781-5780) | **Interpreted Size:**Castle: 63,729 AcresShotgun: 529 Acres**Growth last period:**Castle: 559 AcresShotgun: 31 Acres |
| **Flight Time:** 1847 (PDT)**Flight Date:** 9/8/20  | **Interpreter(s) location:**Cedar City, UT**Interpreter(s) Phone:**425-583-4091 | **GACC IR Liaison:**Kyle Felker**GACC IR Liaison Phone:**530-251-6112 | **National Coordinator:**Tom Mellin**National Coord. Phone:**505-842-3845 |
| **Ordered By:**Lance Robinson | **A Number:**178 | **Aircraft/Scanner System:**N66GW/FireMapper 2 | **Pilots/Techs:**Mandy, Atkin  |
| **IRIN Comments on imagery:**Passes matched up well with the ground and did not need correction. Some gaps in imagery. | **Weather at time of flight**Clear | **Flight Objective:**Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**09/08/20 @ 2145 (PDT) | **Type of media for final product:** pdf maps, IR log, KMZ and shapefiles**Digital files sent to:** ftp.nifc.gov/incident\_specific\_data/calif\_s/!2020\_Incidents/CA-SQF-002622\_SQF COMPLEX/IR/NIROPS/20200909/ |
| **Date and Time Products Delivered to Incident:**09/09/20 @ 0254 (PDT) |
| **Comments/notes on tonight’s mission and this interpretation:*** Imagery covered (118°15'10" W – 118°36'20" W) x (36°1'50" N – 36°23'0" N).
* Used starting perimeter provided by incident GISS.
* Some gaps in imagery in higher elevation areas. The pilot had to space the passes further apart to be able to do the flight on one tank of fuel. These gaps were digitized and bundled with the rest of the shapefiles as “CoverageGaps”. They were also marked on the maps as some of them were relatively close to the perimeter.
* I marked multiple isolated heat sources outside of the Castle fire perimeter in several areas where the perimeter was not clear.
* Majority of activity for the Castle fire appears to be on the western and southeastern edges.
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