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| **Incident Name:**El Dorado(CA-BDU-012925) | **IR Interpreter(s):**Julian Mesickmesickj@gmail.com | **Local Dispatch:**FICC (909-383-2662) | **Interpreted Size:** 17,584 Acres**Growth last period:** 66 Acres |
| **Flight Time:** 2000 (PDT)**Flight Date:** 9/14/20  | **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:**Chris Brenzel | **A Number:**195 | **Aircraft/Scanner System:**N66GW/FireMapper 2 | **Pilots/Techs:**Mandy, Atkin  |
| **IRIN Comments on imagery:**Original imagery had a ground error of 150 ft. Post-georeferencing, error was reduced to 50 ft. | **Weather at time of flight**Clear | **Flight Objective:**Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**09/14/20 @ 2335 (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-BDF-013409\_El\_Dorado/IR/NIROPS/20200915/ |
| **Date and Time Products Delivered to Incident:**09/15/20 @ 0612 (PDT) |
| **Comments/notes on tonight’s mission and this interpretation:*** Imagery covered (116°51'10" W – 117°4'30" W) x (34°2'30" N – 34°10'40" N).
* Used NIFS public perimeter as starting perimeter, downloaded at 9/15 0041 PDT.
* Some perimeter growth on northern and northeast edges of perimeter. NIFS public perimeter already accounted for majority of growth since previous night. Calculated growth above is relative to NIFS perimeter.
* NIFS public perimeter appeared to greatly overestimate the extent of the fire. Some areas extended beyond heat visible in the imagery by 0.3-0.5 mi. The only explanation I could think of is that the NIFS perimeter had updates posted after we had flown the fire. I decided not to adjust the perimeter inwards to match the imagery due to the difference in the perimeter being too large.
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