|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Incident Name:**  El Dorado  (CA-BDU-012925) | **IR Interpreter(s):**  Julian Mesick  mesickj@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. | | | | | |