|  |  |  |  |
| --- | --- | --- | --- |
| **Incident Name:**  SCU Lightning Complex  #CASCU005740 | **IR Interpreter(s):**  Tina Rotenbury  tina.rotenbury@usda.gov  Brian Barns IRIN(t) brian.barns@usda.gov | **Local Dispatch Phone:**  SCCC (408-779-6611) | **Interpreted Size:**  Complex Acres  180,370 ac  **Size last period:**  96,316 ac  Individual Fire acres are listed below |
| **Flight Time:**  2045 PDT  **Flight Date:**  August 19, 2020 | **Interpreter(s) location:**  Russellville, AR  **Interpreter(s) Phone:**  Tina 479-886-0878  Brian 530-249-6121 | **GACC IR Liaison:**  **Kyle Felker**  **GACC IR Liaison Phone:**  (530) 251-6112 | **National Coordinator:**  **Jan Johnson**  **National Coord. Phone:**  (530) 251-6112 |
| **Ordered By:**  CA-SCU (408-779-6611) | **A Number:**  A-72 | **Aircraft/Scanner System:**  N350FV- Tenax TK-9 | **Pilots/Techs:**  PIC: Jim Cole/Eddie Netcher  Operator: Kelsey Ramsey |
| **IRIN Comments on imagery:**  Much better alignment with imagery and orthro tonight. Scan 2100\_sculightningCX2\_pass2 had some clouds and missing data. | | **Weather at time of flight:**  Smoky and hot. | **Flight Objective:**  Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**  August 19, 2020 2240 PDT | | **Type of media for final product:**  Shapefiles, KMZ files, maps, IRIN log  **Digital files sent to:**  NIFC FTP https://ftp.nifc.gov/public/incident\_specific\_data/calif\_n/!CALFIRE/!2020\_Incidents/CA-SCU-005740\_SCU\_Lightning\_Complex/IR/NIROPS  notify Tom Knecht (tom.knecht@fire.ca.gov)  and Kate Gladstein (kate.gladstein@fire.ca.gov) | |
| **Date and Time Products Delivered to Incident:**  August 20, 2020 0630 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started IR interpretation with SCU Lightning Complex polygons from NIFS dated 20200819.  Largest increase in size and spread for the Reservoir and Del Puerto fires.  **Del Puerto** – Acre Totals 138,462 acres (previous acres 81,878) increase of 56,584 acres  Had significant growth on all sides of the perimeter. Intense Heat mapping around all edges of the perimeter as well as some very large pockets of scattered Heat. Scattered heat was present throughout the interior. There were a few spots of isolated heat mapped outside the east perimeter. There is a NO\_DATA shape included in the .zip file for this fire that area is where the imagery was bad and spotty, so mapped as best as could be done with the imagery. That area may have missing or incorrect data/perimeter.  **Reservoir** – Acre Totals 36,257 acres (previous acres 8,997) increase of 27,260 acres  The very southern tip of the Reservoir fire was not covered by imagery.  **Ohlone** – Acre Totals 1,909 acres (previous acres 1,561) increase of 367 acres  Scattered heat throughout and intense heat in the southeastern portion.  **Round** – Acre Totals 2,627 (previous acres 2315) increase of 312 acres  which has most of the intense heat in the southern section.  **Welch** – Acre Totals 719 (previous acres 717) increase of 2 acres  continues to have scattered heat within the previous perimeter.  **Palm** – Acres Totals 502 No Change in acres  Scattered heat throughout but contained within the previous perimeter.  No heat detected for Briones fire.  Arroyo and Kilgare fires not covered by IR imagery. | | | |