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| **Incident Name:**  SRF Lightning Complex  (CA-SRF-986) | **IR Interpreter(s):**  Elsa Hucks  elsa.hucks@fire.ca.gov | **Local Dispatch Phone:**  CA NCIC (707-441-3644) | **Interpreted Size:**  17,824 IR Acres  **Growth last period:**  172 IR Acres  \*Not Offical Incident Acres |
| **Flight Time:**  2247 - 0006 PDT  **Flight Date:**  09/04/2023 – 9/5/2023 | **Interpreter(s) location:**  Auburn, CA  **Interpreter(s) Phone:**  (cell/text) 530-277-2326 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Jan Johnson  **National Coord. Phone:**  801-824-5440 |
| **Ordered By:**  Jessica Wade (SITL) | **A Number:**  A-108 | **Aircraft/Scanner System:**  N350SM/Tenax | **Pilots/Techs:**  / Mylo |
| **IRIN Comments on imagery:**  Cloud cover present, imagery good quality. | | **Weather at time of flight:**  Cloud cover present across complex | **Flight Objective:**  Heat Perimeter Detection /  Categorizing Heat Intensity |
| **Date and Time Imagery Received by Interpreter:**  09/05/2023 @ 0200 - 0215 PDT | | **Type of media for final product:**  Geodatabase, Shapefiles, KMZ, PDF Maps and IRIN Log  **Digital files sent to:** NIFS and [ftp.wildfire.gov/public/ incident\_specific\_data/](ftp://ftp.wildfire.gov/public/%20incident_specific_data/)calif\_n/!2023\_Federal\_Incidents/CA-SRF-986\_SRF\_Lightning\_Complex/IR/NIROPS | |
| **Date and Time Products Delivered to Incident:**  09/04/2023 @ 0545 PDT NIFS complete  0650 PDF Maps posted 0715 log | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started tonight’s interpretation with the NIFS Event polygon @2400.   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Fire Name** | **Time of Imagery Capture** | **General Heat Interpretation**  **Description** | **Acres (in NIFS)** | **Interpreted**  **Acres** | **Growth in Acres** | | Big Foot |  | **Not in Scan Order** | 0.8 | 0.8 |  | | Big Hill #2 | 9/4 @2346 PDT | Very small, scattered heat pockets | 100 | 100 | 0 | | Blue Creek |  | **Not in Scan Order** | 0.1 | 0.1 |  | | Blue Creek 2 | 9/4 @ 2314 PDT | Growth observed | 2,986 | 3,132 | 146 | | Bluff #1 | 9/4 @ 2316 PDT | Heat present across fire area | 2,033 | 2,033 | 0 | | Bridge Ridge | 9/4 @ 2249 PDT | No heat detected | 17 | 17 | 0 | | Copper |  | **Not in Scan Order** | 792 | 792 |  | | Creek |  | **Not in Scan Order** | 8 | 8 |  | | Devil | 9/4 @ 2249 PDT | **No heat detected.** | 12 | 12 | 0 | | Flat |  | **Not in Scan Order** | 2 | 2 |  | | Glen |  | **Not in Scan Order** | 0.5 | 0.5 |  | | Iron | 9/4 @ 2357 PDT | 1 isolated heat source observed | 20 | 20 | 0 | | Let er-Buck | 9/5 @ 0006 PDT | Growth observed | 74 | 75 | 1 | | Lone Pine | 9/5 @ 0046 PDT | Scattered isolated heat sources | 1,685 | 1,685 | 0 | | Lost | 9/4/@ 2247 PDT | Minimal isolated heat sources | 722 | 722 | 0 | | Marlow | 9/4/@ 2314 PDT | Minimal growth observed | 1,540 | 1,542 | 2 | | Merrill |  | **Not in Scan Order** | 2 | 2 |  | | Monument |  | **Not in Scan Order** | 2 | 2 |  | | Mosquito | 9/4 @ 2320 PDT | Heat present across fire area | 2,557 | 2,557 | 0 | | Pearch | 9/4 @ 2353 PDT | Growth observed | 5,099 | 5,122 | 23 | | **TOTALS** |  |  | **17,652** | **17,824** | **172** |   **FOG seen in drainage bottom, some images and parts of them had haze and patches of clouds.**  **All heat representative of what was seen in the images. It is very possible that not all isolated heats within and outside the perimeter where apparent in the images.**  **Big Hill #2 / Lone Pine** Big Hill#2 has a few isolated heat sources. Lone Pine has a few tiny pockets of scattered heat with mostly sparse isolated heat sources across the fire area.  **Blue Creek 2 / Marlow** Blue Creek has tiny spots of intense heat, primarily along the northern edge. Scattered heat dominated the eastern half of the fire, with the west being isolated heat sources. Marlow has scattered heat within the interior and along the eastern edge with some areas of isolated heat sources.  **Bluff #1** Heat pockets present primarily along the southern edge with isolated heat sources scattered across the fire interior.  **Devil / Bridge Ridge** – No heat detected on either fire.  **Iron**  1 Heat Source inside heat perimeter.  **Let er-Buck** One possible isolated heat source outside the perimeter along the eastern edge. Large pocket of scattered heat along the southern edge with very small pockets of scattered heat within the interior which is mostly sparse isolated heat sources.  **Lost** – sparse isolated heat sources found across fire area. No intense or scattered heat present.  **Mosquito** Small growth along the northern and southern edges. Isolated heat present across the fire interior with larger pockets of scattered heat along the north and south sides.  **Pearch** Growth only on east, north and western flanks. Very small pockets of intense heat are present along the eastern edge. Large pockets of scattered heat present along all edges. Interior dominated by isolated heat sources. | | | |

**SCAN BOXES NOTES**

NIFS Feature Service has outlines of the area scanned. This may help the SITL verify new reports which come in and if they will be covered in existing scans.