

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> SRF Lightning Complex (CA-SRF-986)	<b>IR Interpreter(s):</b> Elsa Hucks elsa.hucks@fire.ca.gov	<b>Local Dispatch Phone:</b> CA NCIC (707-441-3644)	<b>Interpreted Size:</b> 47,563 IR Acres <b>Growth last period:</b> 545 IR Acres *Not Official Incident Acres
<b>Flight Time:</b> 1916 - 2021 PDT <b>Flight Date:</b> 09/27/2023	<b>Interpreter(s) location:</b> Auburn, CA <b>Interpreter(s) Phone:</b> (cell/text) 530-277-2326	<b>GACC IR Liaison:</b> Kyle Felker <b>GACC IR Liaison Phone:</b> 530-251-6112	<b>National Coordinator:</b> Kat Sorenson <b>National Coord. Phone:</b> 406-499-2701
<b>Ordered By:</b> Brett Gore 973-907-4694 Brett_gore@fws.gov	<b>A Number:</b> A-146	<b>Aircraft/Scanner System:</b> N350SM/TK-9	<b>Pilots/Techs:</b> / Rachel
<b>IRIN Comments on imagery:</b> Significant cloud impacts present in some areas.		<b>Weather at time of flight:</b> Cloudy	<b>Flight Objective:</b> Heat Perimeter Detection / Categorizing Heat Intensity
<b>Date and Time Imagery Received by Interpreter:</b> 09/27/2023 @ 2055 PDT		*	
<b>Date and Time Products Delivered to Incident:</b> 09/28/2023 @ 0030 PDT posted to NIFS All Products to FTP: 09/28/2023 @ 0130 PDT			

**Comments / notes on tonight's mission and this interpretation:**

Started tonight's interpretation with the NIFS Event polygon @ 2000 PDT.

*NOTE: this log is intended for internal incident communication only. Any unauthorized dissemination of this information or associated IR data without expressed consent of the incident management team is prohibited.*

All mapping used the incident provided NIFS perimeters as a base for mapping.

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	
Blue Creek		Not in Scan Order	0.1	0.1	
Blue Creek 2		Merged into Mosquito			
Bluff #1		Merged into Mosquito			
Creek		Not in Scan Order	8	8	
Flat		Not in Scan Order	2	2	
Iron		Not in Scan Order	20	20	
Let er-Buck	1919 PDT	No perimeter growth visible	96	96	0
Marlow	1956 – 2021 PDT	No perimeter growth visible	1,988	1,988	0
Merrill		Not in Scan Order	2	2	
Monument		Not in Scan Order	2	2	
Mosquito	1956-2021 PDT	E growth	32,831	33,319	488
Pearch	1916-1923 PDT	N growth	12,068	12,125	57
<b>TOTALS</b>			<b>47,018</b>	<b>47,563</b>	<b>545</b>

## INFRARED INTERPRETER'S DAILY LOG

\*\*\* Cloud cover was significant and was likely masking heat signatures. Some portions of the imagery had severe impacts which limited interpretation. Cloud polygons were delineated within the database, but not displayed on the map products.

**Marlow** – Marlow showed only minimal isolated heat sources, but had significant cloud cover present.

**Let er-Buck** – No perimeter growth observed. A few isolated heat sources are still present within the interior. A pocket of intense heat was found 0.75 miles north of Let er-Buck that does not appear to be related to any other incident. Perimeter is mapped and linked to Let er-Buck with an “unknown” fire name.

**Mosquito** - Mosquito had 488 acres of growth. Only small pockets of intense heat were present. Significant cloud cover was present over the western half of the fire. A large pocket of scattered heat is present along the eastern edge.

**Pearch** – Pearch had 57 acres of growth. Very small pockets of intense heat are present across the fire area. Significant cloud cover was visible. Pockets of scattered heat are present across the northern fire area. The rest of the fire is scattered 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.