

## 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> 21,370 IR Acres <b>Growth last period:</b> 903 IR Acres *Not Official Incident Acres
<b>Flight Time:</b> 1923 - 1953 PDT <b>Flight Date:</b> 09/13/2023	<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> Kathryn Sorenson <b>National Coord. Phone:</b> 406-499-2701
<b>Ordered By:</b> <b>Joshua Bivans (SITL)</b> <a href="mailto:joshua_bivans@firenet.gov">joshua_bivans@firenet.gov</a> 910-528-4788	<b>A Number:</b> A-124	<b>Aircraft/Scanner System:</b> N350FV/TK-9	<b>Pilots/Techs:</b> / Dan
<b>IRIN Comments on imagery:</b> Imagery good quality.		<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> 09/13/2023 @ 2045 PDT		<b>Type of media for final product:</b> Geodatabase, Shapefiles, KMZ, PDF Maps and IRIN Log	
<b>Date and Time Products Delivered to Incident:</b> 09/13/2023 @ 2300 PDT Heat Perimeters in NIFS All Products to FTP: 09/14/2023 @ 0330		<b>Digital files sent to:</b> NIFS and <a href="ftp://ftp.wildfire.gov/public/incident_specific_data/calif_n/!2023_Federal_Incidents/CA-SRF-986_SRF_Lightning_Complex/IR/NIROPS">ftp.wildfire.gov/public/incident_specific_data/calif_n/!2023_Federal_Incidents/CA-SRF-986_SRF_Lightning_Complex/IR/NIROPS</a>	

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

Started tonight's interpretation with the NIFS Event polygon @ 2100 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	
Big Hill #2		Not in Scan Order	100	100	
Blue Creek		Not in Scan Order	0.1	0.1	
Blue Creek 2	1949	Merging with Copper	3,800	3,888	88
Bluff #1	1944	Southern growth	2,321	2,544	223
Bridge Ridge		Not in Scan Order	17		
Copper	1949	Merging with Blue Creek 2	1,138	1,471	333
Creek		Not in Scan Order	8	8	
Devil		Not in Scan Order	12	12	
Flat		Not in Scan Order	2	2	
Glen		Not in Scan Order	0.5	0.5	
Iron		Not in Scan Order	20	20	
Let er-Buck	1953	Small pocket of southern growth	81	82	1

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Lone Pine		Not in Scan Order	1,685	1,685	
Lost		Not in Scan Order	740	740	
Marlow	1949	Northern growth in NE corner	1,639	1,673	34
Merrill		Not in Scan Order	2	2	
Monument		Not in Scan Order	2	2	
Mosquito	1944	Lines of intense heat in north	3,053	3,196	143
Pearch	1923	Eastern growth	5,846	5,927	81
<b>TOTALS</b>			<b>20,467</b>	<b>21,370</b>	<b>903</b>

**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 were apparent in the images.**

**Blue Creek 2 / Marlow / Copper –** Cloud cover present. Blue Creek 2 and Copper are very close to merging. Lots of intense heat present between them. Marlow is predominately isolated heat sources with a large pocket of intense and scattered heat along the northeast corner.

**Bluff #1 –** Cloud cover was present. A ring of intense heat is closing off the southwest corner. Interior is primarily isolated heat sources.

**Let er-Buck –** Showed 1 acres of growth with an intense heat pocket along the southern edge. Very sparse isolated heat within the interior.

**Mosquito -** Cloud cover was present. Strips of intense heat visible across the northern section of the fire, mixed in with large pockets of scattered heat. 143 acres of growth observed. Intense heat present along the southern tip also. Interior is sparse isolated heat sources.

**Pearch –** Cloud cover present. Intense and scattered heat present along eastern edge. 81 acres of growth observed. Remainder of fire is primarily sparse 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.