

INFRARED INTERPRETER'S DAILY LOG

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: 47,018 IR Acres Growth last period: 4,382 IR Acres *Not Official Incident Acres
Flight Time: 2002 - 2043 PDT Flight Date: 09/26/2023	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: Kat Sorenson National Coord. Phone: 406-499-2701
Ordered By: Brett Gore 973-907-4694 Brett_gore@fws.gov	A Number: A-145	Aircraft/Scanner System: N350SM/TK-9	Pilots/Techs: / Rachel
IRIN Comments on imagery: Significant cloud impacts present.		Weather at time of flight: Cloudy	Flight Objective: Heat Perimeter Detection / Categorizing Heat Intensity
Date and Time Imagery Received by Interpreter: 09/26/2023 @ 2200 PDT		*	
Date and Time Products Delivered to Incident: 09/27/2023 @ 0300 PDT posted to NIFS All Products to FTP: 09/27/2023 @ 0320 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	2043	No perimeter growth visible	96	96	0
Marlow	2002	No perimeter growth visible	1,988	1,988	0
Merrill		Not in Scan Order	2	2	
Monument		Not in Scan Order	2	2	
Mosquito	2002	E growth	29,173	32,831	3,658
Pearch	2035	NE growth	11,344	12,068	724
TOTALS			42,636	47,018	4,382

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*** 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 – No perimeter growth observed. This fire had severe cloud cover impacts which likely masked heat signatures. Only isolated heat signatures were mapped. No areas of scattered or intense heat were visible.

Let er-Buck –.No perimeter growth observed. No intense or scattered heat visible. A few isolated heat sources present.

Mosquito - Significant cloud impacts. Only small pockets of intense heat visible. Significant scattered heat along eastern edge. Isolated heat sources present across fire area.

Pearch – Only small pockets of intense heat were visible. Scattered heat present along the northeast edge. Interior is composed of sparse isolated heat sources. NE growth.

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.