

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: 18,283 IR Acres Growth last period: 210 IR Acres *Not Official Incident Acres
Flight Time: 2322 - 0113 PDT Flight Date: 09/07/2023 – 9/08/2023	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: Kathryn Sorenson National Coord. Phone: 406-499-2701
Ordered By: Joshua Bivans (SITL) joshua_bivans@firenet.gov 910-528-4788	A Number: A-111	Aircraft/Scanner System: N350SM/TK-9	Pilots/Techs: / Michelle
IRIN Comments on imagery: Light cloud cover present, imagery good quality.		Weather at time of flight: Clear with minimal clouds	Flight Objective: Heat Perimeter Detection / Categorizing Heat Intensity
Date and Time Imagery Received by Interpreter: 09/08/2023 @ 0345 PDT		Type of media for final product: Geodatabase, Shapefiles, KMZ, PDF Maps and IRIN Log	
Date and Time Products Delivered to Incident: 09/08/2023 @ 0545 PDT NIFS complete 0630 PDF Maps posted 0645 log		Digital files sent to: NIFS and ftp.wildfire.gov/public/incident_specific_data/calif_n!/2023_Federal_Incidents/CA-SRF-986_SRF_Lightning_Complex/IR/NIROPS	

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

Started tonight's interpretation with the NIFS Event polygon @2330.

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	0050	1 isolated heat source	100	100	0
Blue Creek		Not in Scan Order	0.1	0.1	
Blue Creek 2	2346	Southeast corner growth	3,186	3,267	81
Bluff #1	2354	Western edge of intense heat	2,096	2,112	16
Bridge Ridge	2322	No heat present	17	17	0
Copper	2346	Northeast growth	836	871	35
Creek		Not in Scan Order	8	8	
Devil	2322	No heat present	12	12	0
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	0113	No perimeter growth	75	75	0

INFRARED INTERPRETER'S DAILY LOG

Lone Pine	0050	Sparse isolated heat.	1,685	1,685	0
Lost		Not in Scan Order	740		
Marlow	2346	Small northeast corner growth.	1,542	1,554	12
Merrill		Not in Scan Order	2	2	
Monument		Not in Scan Order	2	2	
Mosquito	0000	Minimal southern growth.	2,576	2,604	28
Pearch	0058	Small patch of eastern growth.	5,173	5,211	38
TOTALS			18,073	18,283	210

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.

Big Hill #2 / Lone Pine – Big Hill has 1 isolated heat source. Lone Pine had no perimeter growth with sparse isolated heat within the interior.

Blue Creek 2 / Marlow / Copper – All three fires have small intense heat pockets with eastern // northeastern spread. Interiors are composed primarily of isolated heat sources.

Bluff #1 - One small strip of intense and scattered heat is visible along the western edge. The rest of the fire is isolated heat sources with some small pockets of scattered heat along the southern edge. Some cloud cover was present over the fire.

Devil / Bridge Ridge –. No heat present on either fire.

Let er-Buck –. No perimeter growth. Small pocket of intense heat along the southeast corner. A few isolated heat sources within the interior.

Mosquito - Some cloud cover present over fire. Large pockets of scattered heat along the northeastern and southern edge. Interior composed of sparse isolated heat.

Pearch – Small pockets of intense heat with growth to the east. Interior composed of mainly 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.