

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: 18,038 IR Acres Growth last period: 137 IR Acres *Not Official Incident Acres
Flight Time: 1927 - 2001 PDT	Interpreter(s) location: Auburn, CA	GACC IR Liaison: Kyle Felker	National Coordinator: Kathryn Sorenson
Flight Date: 09/06/2023	Interpreter(s) Phone: (cell/text) 530-277-2326	GACC IR Liaison Phone: 530-251-6112	National Coord. Phone: 406-499-2701
Ordered By: Jessica Wade (SITL)	A Number: A-110	Aircraft/Scanner System: N350FV/TK-9	Pilots/Techs: / Dan
IRIN Comments on imagery: Light cloud cover present, imagery good quality.		Weather at time of flight: Cloud cover present in some areas.	Flight Objective: Heat Perimeter Detection / Categorizing Heat Intensity
Date and Time Imagery Received by Interpreter: 09/06/2023 @ 2115 - 2300 PDT		Type of media for final product: Geodatabase, Shapefiles, KMZ, PDF Maps and IRIN Log	
Date and Time Products Delivered to Incident: 09/07/2023 @ 0230 PDT NIFS complete 0500 PDF Maps posted 0515 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	1942	No heat visible	0.8	0.8	0
Big Hill #2	1927	No perimeter growth, 2 isolated heat	100	100	0
Blue Creek		Not in Scan Order	0.1	0.1	
Blue Creek 2	2001	Pockets of intense heat along north and south edge.	3,132	3,186	54
Bluff #1	1943	Small pockets of heat along southern edge.	2,049	2,053	4
Bridge Ridge	1933	No heat visible	17	17	0
Copper	2001	Intense heat northeast corner and western edge	809	837	28
Creek		Not in Scan Order	8	8	
Devil	1933	No heat visible	12	12	0
Flat		Not in Scan Order	2	2	
Glen		Not in Scan Order	0.5	0.5	
Iron	1959	No heat detected.	20	20	0
Let er-Buck	1957	No growth, but heat present	75	75	0
Lone Pine	1927	No growth, sparse isolated heat	1,685	1,685	0

INFRARED INTERPRETER'S DAILY LOG

Lost	1936	No growth, sparse isolated heat	740	740	0
Marlow	2001	Minimal fire activity, some growth along eastern edge	1,542	1,545	3
Merrill		Not in Scan Order	2	2	
Monument		Not in Scan Order	2	2	
Mosquito	1947	Scattered and small pockets of intense heat along edges.	2,575	2,580	5
Pearch	1950	Active heat along edges.	5,130	5,173	43
TOTALS			17,901	18,038	137

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 showed no perimeter growth and 2 isolated heat sources within the interior. Lone Pine showed sparse isolated heat within the interior. Significant haze was present over Lone Pine which could be masking heat signatures.

Big Foot – No heat visible. Did not create a map as no perimeter could be delineated.

Blue Creek 2 / Marlow / Copper - Isolated heat present across all three fires with small pockets of scattered heat. Blue Creek has a fairly large pocket of intense heat along the southern edge and Cooper has a pocket along the northeastern edge.

Bluff #1 - Mostly sparse isolated heat sources with some intense and scattered heat activity in the southwest corner.

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

Iron – No heat detected

Let er-Buck – Sparse isolated heat sources with 2 small areas of intense heat within the southern interior.

Lost –. No perimeter growth. Isolated heat signatures present within the interior. Comparison with imagery suggests some of these could be rock reflectance. Cloud cover present and could be masking some signatures. Recommend removing the relic island within the northwestern interior.

Mosquito - Isolated heat sources across the fire area with small pockets of scattered heat along the north, west and southern edges.

Pearch - Light cloud cover was present over Pearch. Isolated heat sources with small pockets are found along all edges of the fire. There is a pocket of intense heat along the eastern edge.

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.