

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: 18,918 IR Acres Growth last period: 362 IR Acres *Not Official Incident Acres
Flight Time: 0012 - 0108 PDT Flight Date: 09/10/2023	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-116	Aircraft/Scanner System: N350SM/TK-9	Pilots/Techs: / Michelle
IRIN Comments on imagery: Imagery good quality.		Weather at time of flight: Mostly clear, some light cloud cover.	Flight Objective: Heat Perimeter Detection / Categorizing Heat Intensity
Date and Time Imagery Received by Interpreter: 09/10/2023 @ 0315 PDT		Type of media for final product: Geodatabase, Shapefiles, KMZ, PDF Maps and IRIN Log	
Date and Time Products Delivered to Incident: 09/10/2023 @ 0540 PDT NIFS complete 0610 PDF Maps posted 0630 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	0
Big Hill #2	0023	2 isolated heat sources	100	100	0
Blue Creek		Not in Scan Order	0.1	0.1	0
Blue Creek 2	0012	E growth observed	3,358	3,471	113
Bluff #1	0013	Intense heat along western edge	2,125	2,169	44
Bridge Ridge	UTF	UTF	17	17	
Copper	0012	Northern growth	902	1,012	20
Creek		Not in Scan Order	8	8	0
Devil	UTF	UTF	12	12	
Flat		Not in Scan Order	2	2	0
Glen		Not in Scan Order	0.5	0.5	0
Iron		Not in Scan Order	20	20	0
Let er-Buck	0108	Minor southern growth	77	79	2

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Lone Pine	0023	Sparse isolated heat	1,685	1,685	0
Lost		Not in Scan Order	740	740	0
Marlow	0012	NE growth observed	1,562	1,577	15
Merrill		Not in Scan Order	2	2	0
Monument		Not in Scan Order	2	2	0
Mosquito	0013	Northeastern growth	2,609	2,681	72
Pearch	0050	Eastern growth	5,334	5,430	96
TOTALS			18,556	18,918	362

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 had no growth observed. 2 isolated heat sources observed. Lone Pine had no growth observed. Interior is sparse isolated heat sources.

Blue Creek 2 / Marlow / Copper – Marlow has a small pocket of intense heat along the northeastern edge. 15 acres of eastern growth observed. The interior is sparse isolated heat. Copper has a significant northeastern edge of intense heat. 20 acres of northeastern growth observed. Blue Creek 2 has intense and scattered heat in the northeastern and southeastern edge. 113 acres of growth observed.

Bluff #1 – Small areas of intense heat along the western edge and southern edge. 44 acres of growth observed.

Devil / Bridge Ridge – UTF due to weather.

Let er-Buck – Some cloud cover present. 2 acres of southern growth observed.

Mosquito - Small pockets of intense heat are present along the northeastern and southern edge. 72 acres of northeastern growth observed.

Pearch – Small pockets of intense heat along the eastern fire edge. 96 acres of eastern growth observed. Interior has sparse isolated heat sources along the 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.