

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: 18,375 IR Acres Growth last period: 174 IR Acres *Not Official Incident Acres
Flight Time: 2026 - 2137 PDT Flight Date: 09/08/2023	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-112	Aircraft/Scanner System: N350SM/TK-9	Pilots/Techs: / Michelle
IRIN Comments on imagery: Imagery good quality, cloud impacts were severe for some fires		Weather at time of flight: Cloudy	Flight Objective: Heat Perimeter Detection / Categorizing Heat Intensity
Date and Time Imagery Received by Interpreter: 09/08/2023 @ 2345 PDT		Type of media for final product: Geodatabase, Shapefiles, KMZ, PDF Maps and IRIN Log	
Date and Time Products Delivered to Incident: 09/09/2023 @ 0300 PDT NIFS complete 0345 PDF Maps posted 0410 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	2137	4 isolated heat sources	100	100	0
Blue Creek		Not in Scan Order	0.1	0.1	0
Blue Creek 2	2026	SE growth	3,186	3,358	91
Bluff #1	2028	Heavy cloud cover	2,112	2,125	13
Bridge Ridge	UTF	UTF	17	17	0
Copper	2026	Heavy cloud cover, NE growth	871	902	31
Creek		Not in Scan Order	8	8	0
Devil	UTF	UTF	12	12	0
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	2109	Small pocket of growth in south	75	77	2

INFRARED INTERPRETER'S DAILY LOG

Lone Pine	2137	Isolated heat sources	1,685	1,685	0
Lost		Not in Scan Order	740		
Marlow	2026	Heavy cloud cover, NE growth	1,554	1,562	8
Merrill		Not in Scan Order	2	2	0
Monument		Not in Scan Order	2	2	0
Mosquito	2028	Heavy cloud cover	2,604	2,604	5
Pearch	2057	Heavy cloud cover, SE growth	5,210	5,334	24
TOTALS			18,201	18,375	174

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 #3 shows 4 isolated heat sources with no perimeter growth. Lone Pine has no perimeter growth and sparse isolated heat. 2 possible isolated heat sources were observed west of the fire across the river, one on the bank.

Blue Creek 2 / Marlow / Copper – Heavy cloud cover impacts present on imagery. Copper showed 31 acres of northeast spread, with a small pocket of intense heat. Isolated and scattered heat mapping was not visible due to cloud cover. Blue Creek has a pocket of intense heat with 91 acres of fire spread along the southeast fire edge. The interior is composed of isolated and scattered heat. Marlow has a small pocket of intense heat along the eastern edge with 8 acres of fire growth observed.

Bluff #1 – Intense cloud cover over Bluff. Only area of intense heat visible. 13 acres of growth observed.

Devil / Bridge Ridge – UTF due to cloud cover.

Let er-Buck – 2 acres of growth observed. The small island along the southern edge has merged into the main fire. Sparse isolated heat present along the northern and southern fire edges.

Mosquito - Heavy cloud cover present over fire. Unable to map isolated heat sources. Box drawn over fire for cloud cover in database. 5 acres of growth observed.

Pearch – Heavy cloud cover present over fire, only intense heat visible and some isolated. Intense heat is present in Div Y – two small sections showing southeast growth. 24 acres of growth observed.

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.