

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: 28,964 IR Acres Growth last period: 2,196 IR Acres *Not Official Incident Acres
Flight Time: 2031 - 2122 PDT Flight Date: 09/16/2023	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: Jan Johnson National Coord. Phone: 801-824-5440
Ordered By: Patty Coffman 573-330-4782 Patricia_coffman@firenet.gov	A Number: A-129	Aircraft/Scanner System: N350SM/TK-9	Pilots/Techs: / Wren
IRIN Comments on imagery: Imagery good quality. Some heavy cloud distortion over Bluff #1.		Weather at time of flight: Cloudy	Flight Objective: Heat Perimeter Detection / Categorizing Heat Intensity
Date and Time Imagery Received by Interpreter: 09/16/2023 @ 2230 PDT		*	
Date and Time Products Delivered to Incident: 09/17/2023 @ 0100 PDT Heat Perimeters in NIFS All Products to FTP: 09/17/2023 @ 0400			

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

Started tonight's interpretation with the NIFS Event polygon @ 2100 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	
Big Hill #2		Not in Scan Order	100	100	
Blue Creek		Not in Scan Order	0.1	0.1	
Blue Creek 2	2031	NE growth and spotting	7,308	8,576	1,268
Bluff #1	2033	N growth	3,669	3,750	81
Bridge Ridge		Not in Scan Order	17	17	
Creek		Not in Scan Order	8	8	
Devil		Not in Scan Order	12	12	
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	2121	E growth	88	89	1
Lone Pine		Not in Scan Order	1,685	1,685	

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Lost		Not in Scan Order	740	740	
Marlow	2031	NE growth	1,876	1,919	43
Merrill		Not in Scan Order	2	2	
Monument		Not in Scan Order	2	2	
Mosquito	2033	NW growth	4,376	4,742	366
Pearch	2107	N/NE growth	6,862	7,299	437
TOTALS			26,768	28,964	2,196

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.

Blue Creek 2 / Marlow – Cloud cover was present over Blue Creek 2 and Marlow. Marlow continues to have a large pocket of intense and scattered heat in the northeast corner. 43 acres of growth was observed. Blue Creek 2 has lots of intense and scattered heat across the eastern half. NE spotting was observed. It is now approximately 2 miles from the Elliot fire. 1,268 acres of growth observed.

Bluff #1 – Bluff #1 had image distortion due to cloud cover. Scattered and isolated heat was not visible in places. There is a northern hook of intense heat. 81 acres of growth was observed. The southern half of the fire is a mixture of intense and scattered heat.

Let er-Buck – Two small pockets of intense heat at the southern point and eastern edge. 1 acre of growth observed. A few sparse isolated heat sources within interior.

Mosquito - Cloud cover was present over Mosquito. Large patches of intense and scattered heat present along the north and south edges. 366 acres of growth observed.

Pearch – Cloud cover was present over Pearch. 437 acres of growth observed. Intense heat present along the north and northeast corner and southeastern corner of the fire. Interior is sparse 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.