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:** 19,152 IR Acres **Growth last period:** 234 IR Acres *Not Offical Incident Acres
Flight Time: 2006 - 2018 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-118	**Aircraft/Scanner System:** N350SM/TK-9	**Pilots/Techs:** / Michelle
IRIN Comments on imagery: Imagery good quality.		**Weather at time of flight:** Clear	**Flight Objective:** Heat Perimeter Detection / Categorizing Heat Intensity
Date and Time Imagery Received by Interpreter: 09/10/2023 @ 2200 PDT **Date and Time Products Delivered to Incident:** 09/10/2023 @ 2300 PDT NIFS Heat Perimeters 0300 PDF Maps posted 0320 log		**Type of media for final product:** Geodatabase, Shapefiles, KMZ, PDF Maps and IRIN 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	2018	2 isolated heat sources	100	100	0
Blue Creek		**Not in Scan Order**	0.1	0.1	
Blue Creek 2	2006	Cloud cover, NE spread	3,471	3,578	107
Bluff #1	2008	SW growth	2,169	2,193	27
Bridge Ridge	**2012**	No heat detected	17	17	0
Copper	2006	Cloud cover, NE spread	1,012	1,034	22
Creek		**Not in Scan Order**	8	8	
Devil	**2012**	No heat detected	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	UTF	UTF - Scanner	79	79	0

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Lone Pine	2018	Scattered isolated heat	1,685	1,685	0
Lost		**Not in Scan Order**	740	740	
Marlow	2006	Cloud cover, NE spread	1,577	1,589	12
Merrill		**Not in Scan Order**	2	2	
Monument		**Not in Scan Order**	2	2	
Mosquito	2008	Southern growth	2,681	2,769	88
Pearch	UTF	UTF - Sanner	5,430	5,430	0
TOTALS			**18,918**	**19,152**	**234**

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 where apparent in the images.

Big Hill #2 / Lone Pine – No perimeter growth. Big Hill has 2 isolated heat sources and Lone Pine has scattered isolated heat sources.

Blue Creek 2 / Marlow / Copper – Significant cloud cover over all 3 fires. Intense heat was very visible. All three show NE spread, interior isolated heat sources. Interpreted acres yielded 107 acres of growth for Blue Creek 2, 12 acres of growth for Marlow and 22 acres of growth for Copper.

Bluff #1 – Interpreted acres were 2,193 (27 acres of growth). Large strip of intense heat remains surrounded by intense heat along the western edge. A small pocket of heat remains in the NE corner. Minimal interior isolated heat sources. 1 possible heat source outside the perimeter in a clearing east of Blue Creek Mountain.

Devil / Bridge Ridge –. No heat was detected.

Let er-Buck –. UTF due to sensor issues.

Mosquito - Mosquito has a large pocket of intense heat at its southern point. Interpreted acres were 2,769 (88 acres of growth). The northeastern edge is now composed of predominately scattered heat with some remaining small pockets of intense heat.

Pearch – UTF due to sensor issues.

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.