

INFRARED INTERPRETER'S DAILY LOG

Incident Name: SRF Lightning Complex (CA-SRF-986)	IR Interpreter(s): Jennifer Frazer (Q) Jennifer.frazer@usda.gov & Melanie Hans	Local Dispatch Phone: CA NCIC (707-441-3644)	Interpreted Size: 17,652 IR Acres Growth last period: 925 IR Acres *Not Official Incident Acres
Flight Time: 0014 - 0159 PDT Flight Date: 09/04/2023	Interpreter(s) location: White Sulphur Springs, MT Interpreter(s) Phone: (cell/text) 203-695-1207	GACC IR Liaison: Kyle Felker GACC IR Liaison Phone: 530-251-6112	National Coordinator: Kat Sorenson National Coord. Phone: 406.499.2701
Ordered By: Joshua Bivans (SITL)	A Number: A-107	Aircraft/Scanner System: N350SM/Tenax	Pilots/Techs: / Wren
IRIN Comments on imagery: Clear, orthorectification issues on several scans, most likely from clouds in the imagery.		Weather at time of flight: Some Scans cloudy, see notes below.	Flight Objective: Heat Perimeter Detection / Categorizing Heat Intensity
Date and Time Imagery Received by Interpreter: 09/04/2023 @ 0200-0330 PDT		Type of media for final product: Geodatabase, Shapefiles, KMZ, PDF Maps and IRIN Log	
Date and Time Products Delivered to Incident: 09/04/2023 @ 0530PDT NIFS (maps and nifs, except bluff and mosquito), 0610 everything in nifs/ftp maps complete, 0645 log/data		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 @2400.

Fire Name	Time of Imagery Capture	General Heat Interpretation Description	Acres (in NIFS)	Interpreted Acres	Growth in Acres
Big Foot	PDT	NO HEAT observed	0.8	0.8	0
Big Hill #2		UTF Due to Weather	100	100	0
Blue Creek		Not in Scan Order	0.1	0.1	0
Blue Creek 2	2127 PDT	Growth observed	2,899	2,986	87
Bluff #1	2137 PDT	Growth observed.	1,993	2,033	40
Bridge Ridge	2103 PDT	UTF Due to Weather	17	17	0
Copper	2127 PDT	Growth observed.	620	792	172
Creek		Not in Scan Order	8	8	8
Devil	2103 PDT	UTF Due to Weather	12	12	0
Flat		Not in Scan Order	2	2	0
Glen		Not in Scan Order	0.5	0.5	0
Iron	2209 PDT	1 heat source	20	20	0
Let er-Buck	2219 PDT	Active, No Growth Observed	74	74	0
Lone Pine	2134 PDT	UTF Due to Weather	1,685	1,685	0
Lost	2100 PDT	UTF Due to Weather	722	722	0
MARLOW	2131 PDT	Growth E and S Flank	1,491	1,540	49
Merrill		Not in Scan Order	2	2	0
Monument		Not in Scan Order	2	2	0
Mosquito	2127 PDT	Growth observed.	2,447	2,557	110
Pearch	2202 PDT	Growth observed.	4,632	5,099	467
TOTALS			16,727	17,652	925

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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.

May had orthorectification issues which were mitigated by interpreters.

Blue Creek 2 / Marlow / Copper Fog in the drainage bottoms observed, dulling heat signature between Marlow and Blue Creek 2. Marlow and Blue Creek 2 are a little less than 0.4 mile apart. Copper Heat perimeter as continued to pace moved farther down and up copper creek. It is 0.3 mile from Blue Creek 2.

Bluff #1 Long finger of heat following the road on the west curving down had connected with the long line to heat along a road to the SW. Heat mapped on the southeast has stopped on the road.

Iron 1 Heat Source inside heat perimeter.

Let er-Buck Heat was seen through the clouds. Heat mapped as seen.

Mosquito Small growth on all sides. Isolated heat perimeter on south had not advanced further south, nor crested the top of the butte.

Pearch Growth only on east, north and western flanks. Few isolated heats mapped on east flank.

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.

Last night of shift for Jennifer Frazer and Melanie Hans. It was a pleasure to serve you.