

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> SRF Lightning Complex (CA-SRF-986)	<b>IR Interpreter(s):</b> Jennifer Frazer (Q) <a href="mailto:Jennifer.frazer@usda.gov">Jennifer.frazer@usda.gov</a>	<b>Local Dispatch Phone:</b> CA NCIC (707-441-3644)	<b>Interpreted Size:</b> 9,454 IR Acres <b>Growth last period:</b> 601 IR Acres *Not Official Incident Acres
<b>Flight Time:</b> 2058 - 2148 PDT	<b>Interpreter(s) location:</b> White Sulphur Springs, MT	<b>GACC IR Liaison:</b> Kyle Felker	<b>National Coordinator:</b> Kat Sorenson
<b>Flight Date:</b> 08/25/2023	<b>Interpreter(s) Phone:</b> (cell/text) 203-695-1207	<b>GACC IR Liaison Phone:</b> 530-251-6112	<b>National Coord. Phone:</b> 406.499.2701
<b>Ordered By:</b> Jeff Chung 559-970-1318	<b>A Number:</b> A-57	<b>Aircraft/Scanner System:</b> N350SM/Tenax	<b>Pilots/Techs:</b> / Wren
<b>IRIN Comments on imagery:</b> Clear, little orthorectification issues. Blue Creek, Mosquito and Bluff in same scan order.		<b>Weather at time of flight:</b> Clear	<b>Flight Objective:</b> Heat Perimeter Detection / Categorizing Heat Intensity
<b>Date and Time Imagery Received by Interpreter:</b> 08/25/2023 @ 2150 PDT		<b>Type of media for final product:</b> Geodatabase, Shapefiles, KMZ, PDF Maps and IRIN Log	
<b>Date and Time Products Delivered to Incident:</b> 08/26/2023 @ 04:30 PDT NIFC NFIS. Products @ 0500 PDT		<b>Digital files sent to:</b> jeff_chung@firenet.gov <a href="mailto:carvel_bass@firenet.gov">carvel_bass@firenet.gov</a> , NIFS and <a href="ftp://wildfire.gov/public/incident_specific_data/calif_n/!2023_Federal_Incidents/CA-SRF-986_SRF_Lightning_Complex/IR/NIROPS">ftp.wildfire.gov/public/incident_specific_data/calif_n/!2023_Federal_Incidents/CA-SRF-986_SRF_Lightning_Complex/IR/NIROPS</a>	

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

Started tonight's interpretation with the NIFS Event polygon downloaded at 8/25/2023 @ 2100 PDT

Fire Name	Heat Interpretation Description	Acres (NIFS @ 2100)	Interpreted Acres	Growth in Acres
Big Hill #2	Growth on N, new small heat perimeter on S	86	99	13
Blue Creek	<b>No Heat Observed</b>	0.1	0.1	0
Blue Creek 2	Most Growth on E flank	976	1,102	126
Bluff #1	Growth on all sides.	1,396	1,419	23
Bridge Ridge	Growth	0.7	12	11
Creek	In Peach Scan Order	8	8	0
Devil	1 isolated heat outside	12	12	0
Flat	<b>Not in Scan Order</b> Just South of Peach Scan.	2.4	2.4	0
Glen	<b>No Heat Observed</b>	0.1	0.1	0
Hancock	Growth on all sides.	218	368	150
Unknown Near Hancock	Separate perimeter NE across the river	0.1	0.2	0.1
Iron	Internal Heat Seen	20	20	0
Let er-Buck	Growth E flank	39	42	3
Lone Pine	Heat within and on edge	1,683	1,683	0
Lost	Cooling. Growth on SW.	717	722	5
Merrill	<b>Not in Scan Order</b>	2	2	0
Monument	In Let er Buck Scan. <b>No Heat Observed.</b>	2	2	0
Mosquito	Growth observed.	1,849	1,903	64

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Pearch	Most growth on east	1,842	2,046	204
<b>TOTALS</b>		<b>8,853</b>	<b>9,454</b>	<b>601</b>
MARLOW		999	1,037	38

### **Blue Creek 2 & Marlow**

I interpreted Marlow since I understand it may go to this team on the next operational day. The whole incident was in the imagery as well. Marlow and Blue Creek 2 are a little less than 1 mile apart (0.95m).

Blue Creek 2 has crossed into the Blue Creek Rare 1 Roadless Area on the east flank. There is a new isolated heat perimeter extending off the main finger of heat on the NE. It is located North of the road.

### **Bluff**

2 possible isolated heat source on north flank.

### **Devil**

1 isolated heat outside west flank, 190 ft away. 123 57.33 W and 41 06.23 N

### **Creek**

Scattered heat poly different location than NIFS Event Poly. Scattered heat polygon (1 acres) different location than NIFS Poly (7 acres).

### **Hancock**

Has not crossed Wooley Creek on its North Flank, but it is on the southern bank.

### **Iron**

One Area of heat observed. 4 possible Heat Sources South of Fire.

### **Let er-Buck**

One possible heat seen between the fire and Monument, which no heat was observed in that location at the time of the scan.

### **Lost**

Imagery was grainy, but feel ortho correction was correct.

Possible Isolated Heat Pts outside Heat perimeter. 2 on N flank, 2 off east flank, and one on south.

### **Pearch**

New Growth Arm had super heated gases in the imagery, NE of Somes Mtn.

### **SCAN BOXES NOTES**

NIFS Feature Service has outlines of the area scanned. This may help the SITL redraw Scan order boxes (if needed).