

## 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> 18,236 IR Acres <b>Growth last period:</b> 1,788 IR Acres *Not Official Incident Acres
<b>Flight Time:</b> 2103 - 2221 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> 08/30/2023	<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-92	<b>Aircraft/Scanner System:</b> N350SM/Tenax	<b>Pilots/Techs:</b> / Wren
<b>IRIN Comments on imagery:</b> Crew did a N-S flight path tonight. Clear, orthorectification issues on Bluff and Mosquito.		<b>Weather at time of flight:</b> Some Scans cloudy, see notes below.	<b>Flight Objective:</b> Heat Perimeter Detection / Categorizing Heat Intensity
<b>Date and Time Imagery Received by Interpreter:</b> 08/30/2023 @ 2115 PDT		<b>Type of media for final product:</b> Geodatabase, Shapefiles, KMZ, PDF Maps and IRIN Log <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>	
<b>Date and Time Products Delivered to Incident:</b> 08/31/2023 @ 0445 PDT NIFS Products @0515 PDT on FTP, log 0530PDT			

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

Started tonight's interpretation with the NIFS Event polygon @2130, starting with unmanned fires.

Fire Name	Time of Imagery Capture	General Heat Interpretation Description	Acres (in NIFS)	Interpreted Acres	Growth in Acres
Big Foot	PDT	<b>NO HEAT observed</b>	0.8	0.8	0
Big Hill #2	2134 PDT	Internal heat. 2 possible on west.	100	100	0
Blue Creek		<b>Not in Scan Order</b>	0.1	0.1	0
Blue Creek 2	2127 PDT	Growth on all flanks	2,601	2,899	298
Bluff #1	2137 PDT	Growth on all flanks	1,857	1,993	136
Bridge Ridge	2103 PDT	1 isolated heat internal	17	17	0
Copper	2127 PDT	Growth.	273	620	347
Creek	2202 PDT	<b>No Heat Observed</b>	8	8	0
Devil	2103 PDT	1 isolated heat internal	12	12	0
Flat		<b>Not in Scan Order</b>	2	2	0
Glen	2100 PDT	UTF Due to Clouds/FOG	0.5	0.5	0
Hancock	2221 PDT	Growth SE.	1,556	1,654	98
Iron	2209 PDT	Small growth, 3 heat sources	20	20	<1
Let er-Buck	2219 PDT	Growth NE and SE flank	67	74	7
Lone Pine	2134 PDT	Internal Heat. 2 outside on E flank	1,684	1,684	0
Lost	2100 PDT	UTF Due to Clouds/FOG	722	722	0
MARLOW	2131 PDT	Growth E Flank	1,401	1,491	90
Merrill		<b>Not in Scan Order</b>	2	2	0
Monument		<b>Not in Scan Order</b>	2	2	0
Mosquito	2127 PDT	Growth observed.	2,264	2,448	184

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Pearch	2202 PDT	Growth all sides, mainly S and NE	3,859	4,487	628
<b>TOTALS</b>			<b>16,448</b>	<b>18,236</b>	<b>1,788</b>

**Big Hill #2** Cooling Internally. 2 Possible heat to the east. 1 isolated heat outside perimeter on NE.

**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 0.5 mile apart (0.4m). Copper Fire as moved farther down and up copper creek. It is 0.4 mile from Blue Creek 2.

**Bluff #1** Long finger of heat following the road on the west curving down and working to connect with along long line to heat along a road to the SW. Intense heat on the southeast as the finger makes it way up to Laird Meadow. It has stopped on the road.

\*\* Note: Removed an error I made along the road to the west I made last night (looked like a unicorn horn)

**Devil and Bridge Ridge** 1 isolated heat observed within each heat perimeter.

**Glen** 5th<sup>nd</sup> Night UTF due to marine weather event.

**Hancock** Has not crossed Wooley Creek on the North Flank, but it is on the southern bank. Has crossed Hancock Salt Log Creek to the South, and moved farther east along Hancock Creek, making its way over Hell Hole Ridge. It has crossed into the boundary of the Salmon River Ranger District.

**Iron** Small amount of growth on the perimeter (W and SW) 2 Heat Sources inside heat mapped.

**Let er-Buck** Growth on East and South East flank. Intense heat and blooming seen in the SE.

**Lone Pine** Cooling. Heat along perimeter mapped in detail. 2 isolated heats mapped outside perimeter on east flank.

**Lost** UTF due to marine weather event. A good look was obtained for operational day 8/30/2023. See products in that days operation ftp folder (nifc ftp was down at the time).

**Mosquito** Small growth on all sides. Isolated heat on south is bigger and there is another smaller on south of it now. It has not crested the top of the butte. Possible Heat mapped outside the fire on the north. Long finger of intense heat observed in NE corner along an existing road.

**Pearch** Isolated heat located at Pearch Creek Campground. Isolated heat outside perimeter in the SE.

### 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.