

## 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> 14,783 IR Acres <b>Growth last period:</b> 2,012 IR Acres *Not Official Incident Acres
<b>Flight Time:</b> 1955 - 2027 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> 08/28/2023	<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-84	<b>Aircraft/Scanner System:</b> N350SM/Tenax	<b>Pilots/Techs:</b> / Wren
<b>IRIN Comments on imagery:</b> 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> 08/28/2023 @ 2000-2100 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> 08/29/2023 @ 0400 PDT NIFS Products @0500 PDT on FTP		<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 started at 2000 PDT, working on unmanned fires first. Coordinated with Night GISS on which fires were still working on perimeter edits.

Fire Name	Time of Imagery Capture	General Heat Interpretation Description	Acres (in NIFS)	Interpreted Acres	Growth in Acres
Big Hill #2	1955 PDT	Small Growth on N.	99	100	1
Blue Creek	2018 PDT	No heat Observed (3 <sup>rd</sup> time in 4 days)	0	0	0
Blue Creek 2	2023 PDT	Growth on N, E and SE	1,783	2,222	440
Bluff #1	2018 PDT	Growth on W and S	1,526	1,595	69
Bridge Ridge	2001 PDT	<b>UTF Due to Clouds</b>	17	17	0
Copper	2023 PDT	Growth, moved to the east.	1	98	97
Creek	2011 PDT	<b>No Heat Observed (3<sup>rd</sup> night)</b>	8	8	0
Devil	2001 PDT	1 possible heat outside to W	12	12	0
Flat	2011 PDT	<b>No Heat Observed (#3 night)</b>	2	2	0
Glen		UTF Due to Clouds/FOG	0	0	0
Hancock	2027 PDT	Growth on N+E. Now over the Ridge.	948	1,425	477
Iron	2026 PDT	3 possible heat inside	20	20	0
Let er-Buck	2027 PDT	Growth NE flank	53	60	7
Lone Pine	1955 PDT	Very small growth in NE corner.	1,684	1,684	0
Lost		UTF Due to Clouds / Fog	722	722	0
MARLOW	2023 PDT	Growth E Flank	1,135	1,231	96
Merrill		<b>Not in Scan Order</b>	2	2	0
Monument		<b>Not in Scan Order</b>	2	2	0
Mosquito	2018 PDT	Growth observed.	2,029	2,114	85

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Pearch	2011 PDT	Growth all sides	2,726	3,466	740
<b>TOTALS</b>			<b>12,772</b>	<b>14,783</b>	<b>2,012</b>

**Big Hill #2** Cooling Internally. Small growth on North.

**Blue Creek 2 / Marlow / Copper** Marlow and Blue Creek 2 are a little less than 1 mile apart (0.6m). Isolated heat perimeter 0.95m east of eastern isolated heat perimeter and 1.5m from main perimeter of Blue Creek 2 is now named Copper Fire. Copper Fire grew from 1ac to 98ac. It was also captured in Happy Camp Complex imagery. Copper and Blue Creek 3 are 0.66m apart.

**Bluff #1** Long finger of heat following the road on the west. Small amount of growth of intense heat on the south and eastern side. 3 possible heat sources south of the perimeter.

**Devil and Bridge Ridge** Bridge Ridge UTF due to Clouds. Observed 1 possible heat outside Devil perimeter on the west: 41 06.206N, 123 57.587W

**Glen and LOST** 3<sup>rd</sup> Night UTF due to marine weather event. Recommend to Coordinate with FBAN or other sources for timing on this system if it becomes a cycle. Request the IR flight to occur at a time with low conflict. You consider request with IAA for daytime data.

**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 toward Hell Hole Ridge. It has crossed into the boundary of the Salmon River Ranger District. There is an isolated heat perimeter that is intense on the ridge NE of the main perimeter.

**Iron** 3 possible Heat Sources inside fire mapped.

**Let er-Buck** There are two *possible* heat sources outside on the west. Growth on East flank.

**Lone** Heat on perimeter individually mapped. No heat seen outside perimeter except within residential areas.

**Mosquito** Small growth on all sides. Isolated heat on south is bigger. 2 possible Heat East of road in the SE. Long finger of intense heat observed in NE corner along an existing road.

**Pearch** North and eastern arm of fire had super heated gases. Ribbon of heat located along the handline to the south of the fire seen at the time of the imagery, it has expanded to the east (2011 PDT).

### 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.

\*\*\* The Marlow and Big Creek # needs to be expanded to the east to include Copper.