

INFRARED INTERPRETER'S DAILY LOG

Incident Name: SRF Lightning Complex (CA-SRF-986)	IR Interpreter(s): Jennifer Frazer (Q) Jennifer.frazer@usda.gov	Local Dispatch Phone: CA NCIC (707-441-3644)	Interpreted Size: 12,770 IR Acres Growth last period: 1,381 IR Acres *Not Official Incident Acres
Flight Time: 1950 - 2148 PDT	Interpreter(s) location: White Sulphur Springs, MT	GACC IR Liaison: Kyle Felker	National Coordinator: Kat Sorenson
Flight Date: 08/27/2023	Interpreter(s) Phone: (cell/text) 203-695-1207	GACC IR Liaison Phone: 530-251-6112	National Coord. Phone: 406.499.2701
Ordered By: Jeff Chung 559-970-1318	A Number: A-76	Aircraft/Scanner System: N350SM/Tenax	Pilots/Techs: / Wren
IRIN Comments on imagery: Clear, orthorectification issues on Big Hill and Lone Pine, other slight.		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: 08/27/2023 @ 2000-2130 PDT		Type of media for final product: Geodatabase, Shapefiles, KMZ, PDF Maps and IRIN Log	
Date and Time Products Delivered to Incident: 08/28/2023 @ 0530 PDT		Digital files sent to: jeff_chung@firenet.gov carvel_bass@firenet.gov , 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 started at 2030 PDT, working on unmanned fires first. Checked them out one by one to help tier off of GISS edits.

Fire Name	Time of Imagery Capture	General Heat Interpretation Description	Acres (in NIFS)	Interpreted Acres	Growth in Acres
Big Hill #2	1939 PDT	Small Growth on N.	99	99	<1
Blue Creek	2005 PDT	UTF Due to Clouds	0	0	0
Blue Creek 2	2011 PDT	Growth on N, E and SE	1,392	1,783	391
Bluff #1	2011 PDT	Growth on S	1,456	1,526	70
Bridge Ridge	1945 PDT	UTF Due to Clouds	17	17	0
Creek	1955 PDT	No Heat Observed (2nd night)	8	8	0
Devil	1945 PDT	2 possible heat within	12	12	0
Flat	1955 PDT	No Heat Observed (#2 night)	2	2	0
Glen	19:50 PDT	UTF Due to Clouds/FOG	0	0	0
Hancock	2103 PDT	Growth on N+E. Iso Heat Spot to North 2.6miles	607	948	341
Iron	2110 PDT	Heat inside. 1 possible heat nearby	20	20	0
Let er-Buck	2109 PDT	Growth NE flank	42	53	11
Lone Pine	1939 PDT	Very small growth in NE corner.	1,683	1,684	1
Lost	19:50 PDT	UTF Due to Clouds / Fog	722	722	0
MARLOW	2005 PDT	Growth E Flank	1,106	1,135	29
Merrill		Not in Scan Order	2	2	0
Monument		Not in Scan Order	2	2	0
Mosquito	2011 PDT	Growth observed.	1,944	2,029	86

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Pearch	1955 PDT	Growth all sides	2,276	2726	450
TOTALS			11,389	12,770	1,381

Isolated heat along trail 11N01, reported last night not in the scan, so cannot report on it.

Locations of other Possible isolated heat signature was in the scan and nothing was seen at that location.

Big Hill #2 Cooling Internally. Small growth depicted on north end and island to the south (may be the result of better mapping/imagery). Possible heat located outside perimeter line on the west side.

Blue Creek 2 & Marlow Marlow and Blue Creek 2 are a little less than 1 mile apart (0.65m).

Blue Creek 2 – isolated heat perimeter 0.95m east of eastern isolated heat perimeter and 1.5m from main perimeter.

Bluff #1 1 possible isolated heat source on SW. Long finger of heat flowing road on the west. Small amount of growth and ribbons of intense heat on the south.

Devil and Bridge Ridge Bridge Ridge UTF due to Clouds. Observed 2 possible internal heats on Devil.

Glen and LOST 2nd Night UTF due to marine weather event. Imagery flown captured at 1950PDT. 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 not crossed into the boundary of the Salmon River Ranger District.

- Isolated heat source located 2.6 miles north of Hancock on south facing ridge. Heat location is not near a large rock outcrop and cannot be explained,

Iron Area of heat seen inside, same location as reported before. 1 possible Heat Source outside the fire mapped to the SW.

Let er-Buck One possible heat SW of the fire. Growth on East.

Lone Pine Small increase in perimeter seen in NE corner. Heat on perimeter individually mapped. No heat seen outside perimeter except when residential areas.

Mosquito Small growth on all sides. Isolated heat on south is bigger. Possible Heat East of road in the SE

Pearch North and eastern arm of fire had super heated gases. It is almost touching MAP 4. Ribbon of heat located on the handline to the south of the fire seen at the time of the imagery (1955 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.