

INFRARED INTERPRETER'S DAILY LOG

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|---|--|---|---|
| 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: 11,298 IR Acres Growth last period: 917 IR Acres *Not Official Incident Acres |
| Flight Time: 2047 - 2148 PDT | Interpreter(s) location: White Sulphur Springs, MT | GACC IR Liaison: Kyle Felker | National Coordinator: Kat Sorenson |
| Flight Date: 08/26/2023 | 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-65 | Aircraft/Scanner System: N350SM/Tenax | Pilots/Techs: / Wren |
| IRIN Comments on imagery: Clear, little orthorectification issues. Some scans where 'hot' with lots of noise in the image, I will follow up with the technicians. | | Weather at time of flight: Clear | Flight Objective: Heat Perimeter Detection / Categorizing Heat Intensity |
| Date and Time Imagery Received by Interpreter: 08/26/2023 @ 2150 PDT | | Type of media for final product: Geodatabase, Shapefiles, KMZ, PDF Maps and IRIN Log | |
| Date and Time Products Delivered to Incident: 08/27/2023 @ 04:15 PDT NIFC NFIS. Products @ 0500 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 downloaded at 8/26/2023 @ 2200 PDT, except for Marlow. I used the Heat Perimeter I created the previous night (it was not covered by Aircraft3).

| Fire Name | General Heat Interpretation Description | Acres (NIFS @ 2100) | Interpreted Acres | Growth in Acres |
|--------------|---|---------------------|-------------------|-----------------|
| Big Hill #2 | Cooling | 99 | | |
| Blue Creek | No Heat Observed | 0.1 | 0.1 | 0 |
| Blue Creek 2 | Growth on N, E and SE | 1,102 | 1393 | 291 |
| Bluff #1 | Growth on all sides. | 1,419 | 1457 | 38 |
| Bridge Ridge | Growth. | 12 | 17 | 5 |
| Creek | No Heat Observed | 8 | 8 | 0 |
| Devil | No Heat Observed | 12 | 12 | 0 |
| Flat | No Heat Observed | 2.4 | 2.4 | 0 |
| Glen | UTF - FOG | 0.5 | 0.5 | 0 |
| Hancock | Growth on S and E | 368 | 607 | 239 |
| Iron | 1 possible heat nearby | 20 | 20 | 0 |
| Let er-Buck | Growth E flank | 42 | 42 | 0 |
| Lone Pine | Heat within and on edge | 1,683 | 1684 | 1 |
| Lost | UTF - FOG | 722 | 722 | 0 |
| MARLOW | Growth E Flank | 1,037 | 1106 | 69 |
| Merrill | Not in Scan Order | 2 | 2 | 0 |
| Monument | Not in Scan Order | 2 | 2 | 0 |
| Mosquito | Growth observed. | 1,903 | 1945 | 42 |

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|---------------|-----------------------|---------------|---------------|------------|
| Pearch | Growth on E, W and SE | 2,046 | 2278 | 232 |
| TOTALS | | 10,480 | 11,298 | 917 |

Isolated heat west of Bluff Creek, along trail 11N01, West of switchbacks. 41° 19.659' N 123° 44.924' W
Possible isolated heat signature in the saddle north of Klam Mtn and between Pecwan Ridge and West frk of Pecwan Creek. 41° 22.983' N 123° 51.077' W

Big Hill #2 Cooling. Internal heat mapped. Possible heat located outside perimeter line. (low confidence but could not be ruled out).

Blue Creek 2 & Marlow Marlow and Blue Creek 2 are a little less than 1 mile apart (0.8m). Blue Creek 2 has crossed into the Blue Creek Rare 1 Roadless Area on the east flank. It has not gone further than previously seen last night. New growth also seen along the north flank.

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.

Bridge Ridge More Heat observed on the NW flank. Scattered Heat Throughout.

Glen and LOST UTF due to marine weather event. Imagery flown captured at 2059MDT. 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 (Aviation IRIN Tech suggested first thing in the evening?).

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 0.7 mile to the east, making its way toward Hell Hole Creek. Isolated heat on Ridge to the NW is now gone, I removed it from the data since it was never confirmed by the incident.

Iron 1 possible Heat Source outside fire mapped

Let er-Buck One possible heat SW of the fire

Lone Pine No perimeter growth mapped. Heat on perimeter individually mapped. Two heat sources outside perimeter on the NE corner. Cooling internally. Two isolated heat sources not mapped in residential area south of the incident. Possible heat source mapped outside perimeter (low confidence but could not be ruled out).

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.

Mosquito Has not crossed road to the South. Most growth on portion of the north end.

Pearch New Growth Arm had super heated gases in the imagery as it makes its way up the drainage NR from Somes Mtn. It has not crossed MAP 4. Small area of heat is still hot just over the MAP 5 line. Inside is cooling.

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. KML of the scan boxes can be downloaded from NIROPS request order page.