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| **Incident Name:**2023 SRF ComplexCO-GMF-000176 | **IR Interpreter(s):**Stacy StanishAnastasia.stanish@fire.ca.gov | **Local Dispatch Phone:**CA NCIC707-441-3644 | **Interpreted Size:**48,433 Acres**Growth last period:**247 |
| **Flight Time:**2031 MDT**Flight Date:**10/08/2023 | **Interpreter(s) location:**Sacramento, CA**Interpreter(s) Phone:**916-616-8643 | **GACC IR Liaison:**Kyle Felker**GACC IR Liaison Phone:**530-251-6112 | **National Coordinator:**Kat Sorenson**National Coord. Phone:**406-499-2701 |
| **Ordered By:**Jeff Chung559-970-1318Jeff\_Chung@firenet.gov  | **A Number:**A-160 | **Aircraft/Scanner System:**N350SM/TK9 | **Pilots/Techs:**Pilots: Tech: Rachel |
| **IRIN Comments on imagery:**Imagery clear and good | **Weather at time of flight:**Clear. Some light clouds | **Flight Objective:**IR heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**10/08/2023 2100 MDT | **Type of media for final product:**IRIN Daily Log, Shapefiles, File Geodatabase, KML, PDF Maps**Digital files sent to:**[/incident\_specific\_data/calif\_n/!2023\_Federal\_Incidents/CA-SRF-986\_SRF\_Lightning\_Complex/IR/NIROPS/20231009/](https://ftp.wildfire.gov/public/incident_specific_data/calif_n/%212023_Federal_Incidents/CA-SRF-986_SRF_Lightning_Complex/IR/NIROPS/20231009/) and NIFS  |
| **Date and Time Products Delivered to Incident:**10/09/2023 0000 MDT |
| **Comments /notes on tonight’s mission and this interpretation.***NOTE: this log is intended for internal incident communication only. Any unauthorized dissemination of this information or associated IR data without expressed consent of the incident management team is prohibited***The scanner operator noted a heat source approximately 8.5 miles southwest of the Mosquito Fire. There was a heat polygon approximately 10 acres in size identified in the imagery. The heat was digitized and posted to NIFS, but not included in the data to NIFC. Coordinates: 41.283471,-123.836863 in WGS84.**I started tonight’s interpretation with the Event Perimeter in NIFS access at 2000.

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| **Fire Name** | **Previous Acres** | **Acres** | **Acres of Growth** | **Imagery Date and Time** |
| Mosquito | 33,944 | 34,188 | 244 | Oct 6, 2023 20:53 hrs MDT |
| Marlow | 1,997 | 1,997 | 0 | Oct 6, 2023 20:53 hrs MDT |
| Pearch | 12,149 | 12,152 | 3 | Oct 6, 2023 21:11 hrs MDT |
| Let er Buck | 96 | 96 | 0 |  |
|   |   | **48,433** | **247** | **Total Complex Acres** |

**Marlow –** no perimeter growth observed. Four isolated heat sources observed.**Let er Buck –** Not flown.**Mosquito –** 244 acres of growth mostly along the eastern perimeter. Intense and scattered heat associated with areas of growth. Isolated heat largely through the eastern half and south central portions of the fire.**Pearch –** Three acres of growth along the north edges. Minor areas of intense and scattered heat. Isolated heat sources throughout the perimeter. |