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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:**47,743 Acres**Growth last period:**62 |
| **Flight Time:**2151 MDT**Flight Date:**10/05/2023 | **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-154 | **Aircraft/Scanner System:**N350SM/TK9 | **Pilots/Techs:**Pilots: Tech: Rachel |
| **IRIN Comments on imagery:** | **Weather at time of flight:**Clear | **Flight Objective:**IR heat perimeter and heat sources |
| **Date and Time Imagery Received by Interpreter:**10/04/2023 2157 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/20231005/](https://ftp.wildfire.gov/public/incident_specific_data/calif_n/%212023_Federal_Incidents/CA-SRF-986_SRF_Lightning_Complex/IR/NIROPS/20231005/) and NIFS  |
| **Date and Time Products Delivered to Incident:**10/05/2023 0120 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*I started tonight’s interpretation with the Event Perimeter in NIFS access at 2100.

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| **Fire Name** | **Previous Acres** | **Acres** | **Acres of Growth** | **Imagery Date and Time** |
| Mosquito | 33,457 | 33,515 | 58 | Oct 4, 2023 22:05 hrs MDT |
| Marlow | 1,997 | 1,997 | 0 | Oct 4, 2023 21:51 hrs MDT |
| Pearch | 12,131 | 12,135 | 4 | Oct 4, 2023 22:19 hrs MDT |
| Let er Buck | 96 | 96 | 0 | Oct 4, 2023 22:21 hrs MDT |
|   |   | **47,743** |   | **Total Complex Acres** |

**Marlow –** no perimeter growth observed. One isolated heat source mapped**Let er Buck –** No perimeter growth observed. Two isolated heat sources observed.**Mosquito –** 58 acres of growth mostly along the eastern perimeter. Intense heat associated with areas of growth. Isolated heat largely through the eastern half of the fire.**Pearch –** Four acres of growth along the north edges. Isolated heat sources throughout the perimeter. |