INFRARED INTERPRETER'S DAILY LOG

Incident Name: Washburn (CA-YNP-000038)	**IR Interpreter(s):** Chad Horman chad.horman@usda.gov	**Local Dispatch Phone:** Yosemite Dispatch 209-379-1999	**Interpreted Size:** 4,886 Acres **Growth last period:** 0 Acres
Flight Time: 2202 MDT **Flight Date:** 07/28/2022	**Interpreter(s) location:** Cedar City, UT **Interpreter(s) Phone:** (cell/text) 435-592-5175	**GACC IR Liaison:** Kyle Felker **GACC IR Liaison Phone:** 530-251-6112	**National Coordinator:** Tom Mellin **National Coord. Phone:** 505-842-3845
Ordered By: Michael Torres 562-456-6958 michael_torres@firenet.gov	**A Number:** A-152	**Aircraft/Scanner System:** N350FSM/Tenax	**Pilots/Techs:** Pilots: Techs: Banas
IRIN Comments on imagery: The strips were strongly contrasting. Some were darker and other lighter. Appears light clouds may have affected the imagery. Orthorectification was good.		**Weather at time of flight:** Light clouds	**Flight Objective:** Heat Perimeter Detection / Categorizing Heat Intensity
Date and Time Imagery Received by Interpreter: 07/28/2022 @ 2209 MDT		**Type of media for final product:** Shapefiles, one geodatabase, two pdf maps, kmz file, IRIN log. IR data posted to IRIN Edit Services (National Incident Feature Service 2022)	
Date and Time Products Delivered to Incident: IR data uploaded to IES: 07/28/2022 @ 2330 MDT IR products uploaded to ftp: 07/28/2022 @ MDT		**Digital files sent to:** NIFS and Wildfire.ftp /incident_specific_data/calif_s/!2022_Incidents/CA-YNP-000038_Washburn/IR/NIROPS/20220729 michael_torres@firenet.gov; christina_barba@firenet.gov; erin_opliger@firenet.gov; nicholas.cleary@ventura.org; mike_held@firenet.gov	

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Comments /notes on tonight's mission and this interpretation:

- Started interpretation with incident provided perimeter based on data downloaded from Internal View Services (National Incident Feature Service 2022) on 7/28/2022 @ 1903 MDT.
- No change in perimeter acres.
- Light cloud cover on the east half of the fire, this includes the Stars Lakes area. Heat signatures muted some on the east side. Mapped as best as possible using 4x image. Heat sources looked similar when compared with 16x image.
- No intense heat mapped, though it could have been masked by cloud cover and it was mapped as scattered heat in the Star Lakes area.
- Scattered heat throughout most of the interior except for the northwest section.
- Isolated heat sources scattered throughout, with a higher concentration in the northwest section.
- The provided geodatabase and shapefiles are in in WGS84 decimal degrees, so would be convenient for working in IES and IVS.
- Maps are in NAD83 UTM 11.
- Feedback is always appreciated. Please contact the interpreter at the contact information listed above.