

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Happy Camp Complex	IR Interpreter(s): Max Wahlberg	Local Dispatch Phone: CA YCC (530-842-3380)	Interpreted Size: See comments section below. Growth last period: NA
Flight Time: 0005 PDT Flight Date: 08/25/2023	Interpreter(s) location: Bend, OR Interpreter(s) Phone: 503-319-9582	GACC IR Liaison: Kyle Felker GACC IR Liaison Phone: 530-251-6112	National Coordinator: Kat Sorenson National Coord. Phone: 406.499.2701
Ordered By: KLAMATH NATIONAL FOREST	A Number: A-67	Aircraft/Scanner System: N350SM / Tk9	Pilots/Techs: Tech: W. Scott
IRIN Comments on imagery: Significant and inconsistent georectification issues noted in tonight's imagery. Additionally, cloud cover obscured portions of the scan area especially in the western portion of the complex.		Weather at time of flight: Partly Cloudy.	Flight Objective: Map Heat
Date and Time Imagery Received by Interpreter: 8/25/23 @ 0200 PDT		Type of media for final product: PDF Map, gdb, kmz.	
Date and Time Products Delivered to Incident: Data posted to NIFS at 0411 PDT; Products to FTP @ 0505 PDT		Digital files sent to: NIFS, NIFC FTP.	
Comments / notes on tonight's mission and this interpretation: <i>NOTE: Cloud cover obscured portions of the scan area and fire areas tonight. Areas of unmapped heat is very likely in areas obscured by cloud cover. Map products include areas where imagery was obscured. Attempts were made to map all discernable heat, even in areas of light cloud cover.</i> A previously unmapped heat polygon was mapped adjacent to Scott River Road between McCarthy Creek and Sugar Pine Gulch (41 41.6968N 123 03.9771W) A Possible Heat Source was mapped just southeast of Collins Creek Baldy Lookout at 41° 46.415' N 122° 57.015' W. Given its proximity to the road and the Lookout, it was mapped as a possible heat source and may represent a warming fire or hot vehicle. All mapping used the NIFS event polygons as a starting perimeter, and were pulled from NIFS at 0037 PDT. Elliot (4464 interpreted acres) Cloud cover obscured portions of the Elliot Fire. Perimeter growth and heat were mapped where evident, but unmapped heat is very likely in areas obscured by clouds. Swillup (1769 interpreted acres) Cloud cover obscured nearly all of the Swillup Fire. Areas of unmapped heat are very likely.			

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Ufish (1257 interpreted acres) growth was mapped in all directions on the Ufish fires with areas of intense and scattered heat associated with perimeter growth. One spot fire was mapped 0.1 miles northeast of the main perimeter.

Malone (414 interpreted acres) perimeter growth was mapped along the fire's southern edge with two polygons of scattered heat noted in the southern half of the fire. No intense heat was mapped within the Malone Fire.

Burney (63 interpreted acres) occurs in the Titus scan box, but is labeled Burney following the naming conventions on NIFS. A number of new heat polygons were mapped associated with the Burney fire. All mapped heat for Burney remains east of Burney Valley Creek.

Lake (192 interpreted acres) limited perimeter growth was mapped on the Lake fire, though 4 isolated heat sources were detected on the west side of Rock Creek approximately 0.15 miles west of the main Lake Fire perimeter. No intense heat was detected, though pockets of scattered heat were mapped along the fire's perimeter.

Scott / Gold (1470 interpreted acres). The Scott and Gold fires have now merged, and were mapped as one perimeter tonight. A large unburned island remains northwest of West point and north of Scott Bar Lookout. Areas of intense heat were mapped along the fire's northwestern edge above Scott Creek as well as in the southeastern portion of the fire on West Point. Significant orthorectification inconsistencies occurred in the imagery for Scott and Gold making clean interpretation difficult.

Townsend (81 interpreted acres) no perimeter growth was mapped on the Townsend fire. A total of 7 interior isolated heat sources were detected.

Head (6686 interpreted acres) limited perimeter growth was mapped on the Head fire with some occurring along the northern edge of the fire in the Klamath River Drainage. A large number of isolated heat sources were mapped throughout much of the Head fire.

Unknown (23 interpreted acres) this perimeter was labeled "Unknown" in the NIFS event polygon as well as on GIS products from the incident, therefore the nomenclature was carried forward here. Very little perimeter growth was mapped, with one small area of growth in the fire's southeastern corner. All other heat was mapped interior to the heat perimeter.

Den (295 interpreted acres) no growth was mapped on the Den fire with 6 isolated heat sources located in the fire's southwestern corner near Maplesden Ranch.