

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> Tyee Ridge Complex OR-730S-000314	<b>IR Interpreter(s):</b> Elsa Hucks elsa.hucks@fire.ca.gov	<b>Local Dispatch Phone:</b> DFPA Roseburg (541-672-6507)	<b>Interpreted Size:</b> Cougar Creek: 6,366 acres Lighthouse #3: 1,111 acres <b>Growth last period:</b> Cougar Creek: 235 acres Lighthouse #3: no growth
<b>Flight Time:</b> 2142 -2149 PDT <b>Flight Date:</b> 09/07/2023	<b>Interpreter(s) location:</b> Auburn, Ca <b>Interpreter(s) Phone:</b> 530-277-2326	<b>GACC IR Liaison:</b> Jim Grace <b>GACC IR Liaison Phone:</b> 541-771-4521	<b>National Coordinator:</b> Kathryn Sorenson <b>National Coord. Phone:</b> 406-499-2701
<b>Ordered By:</b> Matt Mackey 503-428-8404 matt.a.mackey@odf.oregon.gov	<b>A Number:</b> A-69	<b>Aircraft/Scanner System:</b> Tenax N350SM/TK-9	<b>Pilots/Techs:</b> /Michelle
<b>IRIN Comments on imagery:</b> Good, clear imagery with some light cloud impacts over Cougar Creek		<b>Weather at time of flight:</b> Light clouds	<b>Flight Objective:</b> Heat perimeter detection and heat intensity mapping.
<b>Date and Time Imagery Received by Interpreter:</b> 09/07/2023 21:10 PDT		<b>Type of media for final product:</b> IR shapefiles, GDB, KMZ, Topo and Ortho pdf maps, IR log file.	
<b>Date and Time Products Delivered to Incident:</b> Heat Perimeter: 09/07/2023 22:15 PDT Heat Products: 09/07/2023 23:45 PDT		<b>Digital files sent to:</b> ftp.wildfire.gov/incident_specific_data/pacific_nw/2023_Incidents_Oregon/2023_TyeeComplex_OR731S0314/IR	
<b>Comments /notes on tonight's mission and this interpretation:</b> <p><i>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></p> <p>All mapping used the incident provided NIFS perimeters as a base for mapping.</p> <p>Tonight's flight covered the southern scan box only. No flight was requested for the Big Tom fire.</p> <p><b>Cougar Creek</b> – Interpretation began with the most recent perimeter pulled from NIFS at 2000. Interpreted acres were 6,366. Cloud cover was present that may be masking heat signatures. Some consumption of the island within Div L was observed. Intense heat is present within Div F in the northeast corner. The interior is dominated with scattered and isolated heat with minimal small pockets of intense heat.</p> <p><b>Lighthouse #3</b> – No perimeter growth observed. There is an intense pocket of heat within the northwestern corner, but it is within the delineated dozer line. The interior is primarily isolated heat with small pockets of scattered heat.</p> <p><b>Lighthouse #1</b> – No heat observed.</p> <p><b>Little Wolf</b> – No heat observed.</p> <p><b>Tyee Mountain</b> – No heat observed.</p>			

