

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Cowlitz Complex WA-GPF-001297	IR Interpreter(s): Tina Rotenbury tina.rotenbury@usda.gov	Local Dispatch Phone: Colombia Cascade Communication Center 360-891-5140	Interpreted Size: Grassy Mountain – 43 Snagtooth – 318 Spencer Quartz – 205 Jackpot Creek – 32 Mission - 22 Growth last period: Grassy Mountain – 4 Snagtooth – 0 Spencer Quartz – 2 Jackpot Creek -0 Mission – none reported last time
Flight Time: 0052 PDT Flight Date: 09/21/2023	Interpreter(s) location: Russellville, AR Interpreter(s) Phone: 479-886-0878	GACC IR Liaison: Jim Grace GACC IR Liaison Phone: 541-771-4521	National Coordinator: Kathryn Sorenson National Coord. Phone: 406-499-2701
Ordered By: Mark Campbell 760-473-2079 mark_campbell@firenet.gov	A Number: 53	Aircraft/Scanner System: N350FV/TK-9	Pilots/Techs: /Dan
IRIN Comments on imagery: There was a lot of speckling of heat across the imagery. It made it difficult to discern actual heat sources. Orthorectification was off in a few spots.		Weather: Clear	Flight Objective: IR heat perimeter and heat source detection
Date and Time Imagery Received by Interpreter: 09/21/2023 @ 0110 PDT		Type of media for final product: GDB, Shapefiles, Topo and Ortho Maps, IR Log, KMZ	
Date and Time Products Delivered to Incident: Synced – 09/21/2023 @ 0410 PDT Products – 09/21/2023 @ 0530 PDT		Digital files sent to: https://ftp.wildfire.gov/incident_specific_data/pacific_nw/2023_Incidents_Washington/2023_CowlitzComplex_WA_GPF_001297/IR/	

INFRARED INTERPRETER'S DAILY LOG

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.

- Started the interpretation from the NIFS Event Poly of 9/21/2023 @ 0053 PDT
- Speckling of what appeared as heat signatures occurred across both the ortho and color imagery. These false heat sources made it difficult to map isolated and potential heat sources. All apparent heat sources within the perimeter boundary were mapped. Those outside of the boundary. The total number of isolated heat sources may be skewed higher than what was present.

Bear Creek – No perimeter change, single isolated heat source (32 acres)

Bertha May - No change, no map (0.1 acres)

Carlton Ridge - No change, no map (15 acres)

Davis Creek - No change, no map (0.1 acres)

Davis Mountain - No change, no map (0.1 acres)

Grassy Mountain – Active heat; intense heat patch on west side, scattered heat patches on other three sides, limited number of isolated heat sources. 2 acres increase now 37 acres.

Jackpot Creek – A couple of isolated heat sources, new map (32 acres)

Mission - No change, no map (22 acres)

Pothole - No change, no map (5 acres)

Sanctuary Rock - No change, no map (6 acres)

Snagtooth – Fire activity occurring along west flank, patches of intense and scattered heat, isolated heat sources mainly in west and interior, no perimeter growth still 318 acres.

South Fork – No change, no map (3 acres)

Spencer Quartz – Fire activity along upper west flank and southern tip; Large amount of scattered heat in both places; small patch of intense heat along upper west flank; isolated heat sources scattered throughout, 2-acre increase, now 205.

Willame - No change, no map (8 acres)

Yew - No change, no map (2 acres)