

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Cowlitz Complex WA-GPF-001297	IR Interpreter(s): Chad Horman chad.horman@usda.gov	Local Dispatch Phone: Colombia Cascade Communication Center 360-891-5140	Interpreted Size: See comments below Growth last period: NA
Flight Time: 2306 PDT Flight Date: 09/11/2023	Interpreter(s) location: Enoch, UT Interpreter(s) Phone: 435-592-5175	GACC IR Liaison: Jim Grace GACC IR Liaison Phone: 541-771-4521	National Coordinator: Kathryn Sorenson National Coord. Phone: 406-499-2701
Ordered By: Mak Campbell 760-473-2079	A Number: 33	Aircraft/Scanner System: 181Z/Phoenix	Pilots/Techs: /Michael & Brian
IRIN Comments on imagery: Lots of cloud cover on most of the imagery.		Weather at time of flight: Cloudy	Flight Objective: IR heat perimeter and heat source detection
Date and Time Imagery Received by Interpreter: 09/11/2023@ 0035 PDT		Type of media for final product: GDB, Shapefiles, Topo and Ortho Maps, IR Log, KMZ	
Date and Time Products Delivered to Incident: Synced – 09/12/2023 @ 0307 PDT Products – 09/12/2023 @ 0350 PDT		Digital files sent to: https://ftp.wildfire.gov/incident_specific_data/pacific_nw/2023_Incidents_Washington/2023_CowlitzComplex_WA_GPF_001297/IR/20230912	

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 9/11/2023 @ 1943 PDT.
- One map produced for Snagtooth & Spencer Quartz, second map for Mission. These were the only fires that had heat.
- Cloud cover occurred in most of the imagery.
- Scan boxes need to be adjusted for the following because polygons were not scanned or at the edge of the imagery: Pothole, South Fork, Jack Pot and Grassy Mountain. More details are in the notes below for each fire.

Bear Creek

- Light cloud cover; no apparent heat.
- Scan box good
- No map

Grassy Mountain

- Outside of scan imagery.
- Scan box needs to be moved south about 2.5 miles to have polygon in center of imagery
- No map

Snagtooth

- No perimeter growth.
- Fire activity still occurring.
- Clouds covered the enter scan area, however not all at the same density. The cloud cover polygon represents areas with heavy clouds. Even though heat was mapped it likely doesn't represent all of the potential heat.
- Not intense heat was mapped.
- Four small patches of scattered heat were observed. Two interior and two along upper west flank.
- Scattered heat throughout the area.
- Scan box was well good.

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Spencer Quartz

- Most of the fire was obscured by cloud cover. The portion available, with lighter cloud cover, displayed heat activity.
- All heat activity was mapped as isolated heat sources.
- Scan box good

Mission

- Cloud cover; no detectable heat.
- Scan box was good.
- No map

Pothole

- Polygon just outside of imagery. Unable to determine presence of heat.
- Scan box need to be shifted about a mile west.
- No map

Bertha May

- Clear imagery no heat detected.
- No map
- Scan box good

Sanctuary Rock

- Cloud cover; no apparent heat
- No map
- Scan box good

Yew

- Cloud cover; no apparent heat
- No map
- Scan box good

Davis Creek

- Cloud cover; no apparent heat
- No map
- Scan box good

Willame

- Cloud cover; no apparent heat
- No map
- Scan box good

Davis Mountain

- Cloud cover; no apparent heat
- No map
- Scan box good

South Fork

- On the very edge of scan imagery, needs shifted south about a mile.
- Cloud cover; no apparent heat
- No map

Carlton Ridge

- Complete cloud cover.
- No map
- Polygon was within scan box, but not centered. Should be shifted to west about a half mile.

Jackpot Creek

- Not within scan imagery
- Scan box needs to be shifted about 8.5 miles north to have polygon in center imagery.
- No map