

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: Grassy Mountain – 29 Snagtooth – 311 Spencer Quartz – 193 Jackpot Creek - 32 Growth last period: Grassy Mountain – 0 Snagtooth – 1 Spencer Quartz – 2 Jackpot Creek - 0
Flight Time: 22040 PDT Flight Date: 09/15/2023	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 mark_campbell@firenet.gov	A Number: 41	Aircraft/Scanner System: N350FV/TK-9	Pilots/Techs: /Dan
IRIN Comments on imagery: Imagery delivery was delayed up to 2 hours after imager was taken. Color contrast was good and orthorectification was good.		Weather at time of flight: Clear	Flight Objective: IR heat perimeter and heat source detection
Date and Time Imagery Received by Interpreter: 09/16/2023 @ 0034 PDT		Type of media for final product: GDB, Shapefiles, Topo and Ortho Maps, IR Log, KMZ	
Date and Time Products Delivered to Incident: Synced – 09/16/2023 @ 0233 PDT Products – 09/16/2023 0330 PDT		Digital files sent to: https://ftp.wildfire.gov/incident_specific_data/pacific_nw/2023_Incidents_Washington/2023_CowlitzComplex_WA_GPF_001297/IR/20230916	

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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 9/15/2023 @ 1835 PDT.
- Three maps produced.
- Image 20230915_2219MDT_Cowlitz did not cover any fires. Polygon in IR Polygon feature class showing location.
- Five potential heat sources were observed.
 - 46 14.3715N 121 40.5099W located at end of road in wood lands.
 - 46 24.2201N 121 44.1527W located in Blue Lake Creek Campground.
 - 46 24.3667N 121 44.4852W located across the road from nearby gravel pit and 375 feet west of the road.
 - 46 42.8866N 121 53.4060W located in barrow pit.
 - 46 43.6307N 121 28.0115W no landmarks near point.

Grassy Mountain

- Increase of 1 acre in perimeter growth for a total of 29.
- Fire activity mainly on west side.
- Intense heat patch on both west and east flanks. Both are adjacent to perimeter.
- Ten scattered heat patches, three are adjacent to perimeter.
- About a dozen isolated heat sources, none are adjacent to perimeter.

Snagtooth

- One acre growth in perimeter acreage for a total of 311.
- One small patch on intense heat in south interior.
- Several small patches of scattered heat, four are adjacent to perimeter.
- Isolated heat sources scattered across area, denser in the middle section of the burn area.

Spencer Quartz

- Two acres increase in perimeter acreage bringing it to 193.
- Three large patches of intense heat. Two along the upper west flank, third at southern tip.
- Five very, small patches of scattered heat, most are in the west area.
- Isolated scattered heat present in most of the area.

Jackpot Creek

- No perimeter change; no intense or scattered heat
- Single isolated heat source
- Map produced.

Bear Creek

- No heat, clear imagery, no map

Bertha May

- No heat, clear imagery, no map

Carlton Ridge

- No heat, clear imagery, no map

Davis Creek

- No heat, clear imagery, no map

Davis Mountain

- No heat, clear imagery, no map

Mission

- No heat, clear imagery, no map

Pothole

- No heat, clear imagery, no map

Sanctuary Rock

- No heat, clear imagery, no map

South Fork

- No heat, clear imagery, no map

Willame

- No heat, clear imagery, no map

Yew

- No heat, clear imagery, no map

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