

INFRARED INTERPRETER'S DAILY LOG

Incident Names: Dixie ID-NCF-000448 Jumbo ID-NCF-000463 Rattlesnake ID-NCF-000823	IR Interpreter(s): Jennifer Frazer Interpreter Email: Jennifer_Frazer@ usda.gov	Local Dispatch: Grangeville Dispatch Phone: (208) 983-6803	Interpreted Size: Dixie: 43,168 acres Jumbo: 2647 acres Rattlesnake: 4 Growth last period: Dixie: 16 acres Jumbo: 1 acres Rattlesnake: NA
Flight Date/Time: Dixie 8/4/2021 2154 PDT Jumbo 8/4/2021 2235 PDT Rattlesnake 8/4/2021 2240 PDT	Interpreter(s) location: White Sulphur Springs, MT Interpreter(s) Phone: 203-695-1207	GACC IR Liaison: Tim Stauffer GACC IR Liaison Phone: (406) 529-6366	National Coordinator: Tom Mellin National Coord. Phone: 505-301-8167
Ordered By: SITL Jason Willoughby 406-490-6761	A Number: A-149	Aircraft/Scanner System: N350FV Tenax	Pilots/Techs: Tech: Kelsey
IRIN Comments on imagery: Dixie – 3 passes of imagery. Pass 3 had clouds in the Northern End of the Strip, but these were outside heat perimeter. Pass 2 and 1 had orthorectification issues. SW corner of perimeter not included in the scan. Jumbo – Clear on South end, 'foggy' on north end Rattlesnake – Good		Weather at time of flight: Dixie: Clouds present in the north part of the imagery in pass 2. Jumbo: Light Clouds Rattlesnake: Clear	Flight Objective: IR heat perimeter & heat sources
Date and Time Imagery Received by Interpreter: 8/4/2021 2300 PDT		Type of media for final product: IRIN Daily Log, Shapefiles, File Geodatabase, KML, PDF Maps	
Date and Time Products Delivered to Incident: 8/4/2021 0400 PDT		Digital files sent to: https://ftp.nifc.gov/public/incident_specific_data/n_rockies\2021_fires\2021_Dixie/IR and uploaded to NIFS IR Polygon Feature Class	

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Comments /notes on tonight's mission and this interpretation:

Interpretation started from Polygon from NIFS Event Polygon.

Mapping of all heat categories was accomplished; except some areas of low density isolated/scattered heat within the perimeter of Dixie.

Jumbo: Minimal heat perimeter changes on the south end of the fire. No isolated heat sources found outside. Northern portion of fire was covered by fine aerial water vapor, however isolated sources of heat were found. If there was new perimeter growth in the heat perimeter, I do believe it could have been seen in the imagery (I did not observe any in the North end).

Dixie: Small areas of growth in the heat perimeter was observed throughout the heat perimeter edge (except along the southern River Section). No heat was observed south of the river. Three isolated heat sources were observed outside the heat perimeter (lat/long on map).

*** SW corner of perimeter was not included in the scan. Recommend checking scan box in scan order and communicating in user input (lower left box after scan boxes) that the perimeter of dixie was cut off in the previous flight in the SW corner.

Rattlesnake: Imagery Clear. Starting heat perimeter created, scattered heat observed throughout.