

INFRARED INTERPRETER'S DAILY LOG

Incident Names: Dixie ID-NCF-000448 Jumbo ID-NCF-000463	IR Interpreter(s): Trisha Boll () Interpreter Email: Trisha.boll@usda.gov	Local Dispatch: Grangeville Dispatch Phone: (208) 983-6803	Interpreted Size: Dixie: 43,293 acres Jumbo: 2,702 acres Growth last period: Dixie: +63 acres Jumbo: +20 acre
Flight Date/Time: 8/13/2021 1921 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-161	Aircraft/Scanner System: King Air 149Z/ Phoenix	Pilots/Techs: Tech: Rob
IRIN Comments on imagery: Two passes of imagery (N-S). One pass for Jumbo. Some tearing seen along overlaps of far eastern scan.		Weather at time of flight: Both clear	Flight Objective: IR heat perimeter & heat sources
Date and Time Imagery Received by Interpreter: 8/13/2021 2230 PDT		Type of media for final product: IRIN Daily Log, Shapefiles, File Geodatabase, KML, PDF Maps	
Date and Time Products Delivered to Incident: 8/14/2021 0230 PDT Other products posted later.		Digital files sent to: https://ftp.wildfire.gov/incident_specific_data/n_rockies/2021_fires/2021_Dixie/IR and uploaded to NIFS IR Polygon Feature Class (#1). TEXT Joel Harrison when products posted 208-400-0309 at 0400PDT	
Comments /notes on tonight's mission and this interpretation: <p><i>Downloaded Event Polygons from NIFS at 1900PDT to use as Heat Perimeter.</i></p> <p>No major orthorectification issues observed, some tears on edges of scans due to terrain. Mapping of all heat categories was accomplished.</p> <p><u>Jumbo</u>: Small Heat perimeter gains observed in the SW flank, moving NW upslope from Fawn Creek. The small heat perimeter to the south of Fawn Lake Creek on the southern edge has grown to the south. There is a modest perimeter growth on the southeast, moving downslope in the Lake Creek drainage. No Heat observed outside heat perimeter. Interior Heat continues to lessen compared to past scans.</p> <p><u>Dixie</u>: Small pockets of heat perimeter growth and accompanying Intense Heat were observed on the eastern flank in the Noble Creek drainage. Heat perimeter also increased within internal unburned islands within the fire. The fire interior continues to cool, especially in the North. No heat was observed south of the Salmon River. No isolated heat sources were observed outside of the heat perimeter.</p> <p>Two passes seem to be sufficient on Dixie - colors looked good. there is only slight distortion on the western arm. If conditions change and the east arm needs more scrutiny, I suggest three passes for that reason. Recommend continuing flights with just two passes on Dixie.</p> <p>*Interpreted by Trisha Boll for training; contact Jen Frazer if questions</p>			