

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Names:</b> Dixie ID-NCF-000448 Jumbo ID-NCF-000463	<b>IR Interpreter(s):</b> Jennifer Frazer <b>Interpreter Email:</b> Jennifer_Frazer@ usda.gov	<b>Local Dispatch:</b> Grangeville Dispatch <b>Phone:</b> (208) 983-6803	<b>Interpreted Size:</b> Dixie: 43,230 acres Jumbo: 2,682 acres <b>Growth last period:</b> Dixie: +5 acres Jumbo: +2 acre
<b>Flight Date/Time:</b> 8/12/2021 0045 PDT	<b>Interpreter(s) location:</b> White Sulphur Springs, MT <b>Interpreter(s) Phone:</b> 203-695-1207	<b>GACC IR Liaison:</b> Tim Stauffer <b>GACC IR Liaison Phone:</b> (406) 529-6366	<b>National Coordinator:</b> Tom Mellin <b>National Coord. Phone:</b> 505-301-8167
<b>Ordered By: SITL</b> Jason Willoughby 406-490-6761	<b>A Number:</b> A-158	<b>Aircraft/Scanner System:</b> King Air 149Z/ Phoenix	<b>Pilots/Techs:</b> Tech: Rob
<b>IRIN Comments on imagery:</b> 4 passes of imagery (N-S). Tearing seen along overlaps of far eastern two scans.		<b>Weather at time of flight:</b> Dixie: Light clouds in Noble Creek Area, still able to view heat. Jumbo: Clear	<b>Flight Objective:</b> IR heat perimeter & heat sources
<b>Date and Time Imagery Received by Interpreter:</b> <i>Problems with AirCell, plane uploaded imagery on ground when landed in OGN</i> 8/12/2021 0230 PDT <b>Date and Time Products Delivered to Incident:</b> 8/12/2021 0400 PDT (NIFS), Other products posted later.		<b>Type of media for final product:</b> IRIN Daily Log, Shapefiles, File Geodatabase, KML, PDF Maps <b>Digital files sent to:</b> <a href="https://ftp.wildfire.gov/incident_specific_data/n_rockies/2021_fires/2021_Dixie/IR">https://ftp.wildfire.gov/incident_specific_data/n_rockies/2021_fires/2021_Dixie/IR</a> and uploaded to NIFS IR Polygon Feature Class (#1). TEXT Joel Harrison when products posted 208-400-0309 at 0400PDT	
<b>Comments /notes on tonight's mission and this interpretation:</b> Interpretation started from last IR flight data (there was no change in NIFS). Checked at 0200 PDT  No large orthorectification issues observed, some tears on edges of scans due to terrain. Mapping of all heat categories was accomplished.  <u>Jumbo:</u> Small Heat perimeter gains observed: 1) in the SE flank, near Fawn Creek. 2) Along the eastern flank in the Lake Creek drainage. No Heat observed outside heat perimeter. Interior Heat is less than in past scans.  <u>Dixie:</u> Growth observed on the north part of the west flank, in the Comstock Creek Area, along the Salmon River on Little Elkhorn Bar (#1 on map), within the Noble Creek Area (east flank of the fire), and within internal unburned islands within the fire. Whole fire is cooling in the middle, especially in the North. No heat was observed south of the Salmon River.  Two isolated heat sources were observed outside the heat perimeter along the west flank, near the Robinson Dike Mine and NE of the Juanita Mine.			