

## 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: 43,204 acres Jumbo: 2680 acres <b>Growth last period:</b> Dixie: +36 acres Jumbo: +33 acres
<b>Flight Date/Time:</b> Dixie 8/6/2021 2015 PDT Jumbo 8/6/2021 2010 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-152	<b>Aircraft/Scanner System:</b> N350FV Tenax	<b>Pilots/Techs:</b> Tech: Elizabeth
<b>IRIN Comments on imagery:</b> Dixie – 3 passes of imagery. Small areas of cloud in each pass in the south end of the fire, these are depicted. Scans were clear and no orthorectification issues. SW corner of perimeter not included in the scan. Jumbo – Clear		<b>Weather at time of flight:</b> Dixie: Clouds present in the south part of the imagery. Jumbo: Clear	<b>Flight Objective:</b> IR heat perimeter & heat sources
<b>Date and Time Imagery Received by Interpreter:</b> 8/6/2021 2125 PDT		<b>Type of media for final product:</b> IRIN Daily Log, Shapefiles, File Geodatabase, KML, PDF Maps	
<b>Date and Time Products Delivered to Incident:</b> 8/7/2021 0300 PDT		<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	
<b>Comments /notes on tonight's mission and this interpretation:</b> Interpretation started from Polygon from NIFS Event Polygon (same as last IR flight data).  Scans of Dixie had no orthorectification issues. Imagery allowed me to fully inspect the perimeter and capture heat sources along the edge with confidence. Mapping of all heat categories was accomplished; some areas of low density isolated/scattered heat within the perimeter of Dixie were not captured.  Jumbo: Heat perimeter gains observed along south and west flanks. Less heat observed along the edge of the small heat perimeter to the east (Gospel Hump).  Dixie: Small areas of growth in the heat perimeter was observed throughout the heat perimeter edge and within the unburned areas of vegetation inside the main heat perimeter. Two isolated heat sources were observed outside the heat perimeter (lat/long on map). One was located west of heat perimeter, other was located south of the River. This isolated heat source was observed on two scan since it was located in a location where they overlapped.			