

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Lava Mountain WY-SHF-000267	IR Interpreter(s): Elise Bowne	Local Dispatch Phone: 307-578-5740 Cody Dispatch	Interpreted Size: 12,724 Acres Growth last period: 555 Acres
Flight Time: 2140 Hours MDT Flight Date: July 28, 2016	Interpreter(s) location: Lakewood, CO Interpreter(s) Phone: 303-517-7510	GACC IR Liaison: Melinda McGann GACC IR Liaison Phone: 303-275-5211	National Coordinator: National Coord. Phone:
Ordered By: Shoshone NF	A Number: 415	Aircraft/Scanner System: N144Z/Phoenix	Pilots/Techs: Johnson/Nelson/Mann
IRIN Comments on imagery: Good imagery, Orthorectification was off in areas.		Weather at time of flight: Clear	Flight Objective: Map heat perimeter and heat
Date and Time Imagery Received by Interpreter: July 28, 2016 @ 2215 hours MDT		Type of media for final product: Shapefiles (6), 2 Maps, IR Log and KMZ	
Date and Time Products Delivered to Incident: July 29, 2016 @ 0300 hours MDT Preliminary maps		Digital files sent to: http://ftp.nifc.gov/Incident_Specific_Data/Rocky_Mtn/2016/LavaMountain/IR/20160729/	
Comments /notes on tonight's mission and this interpretation			
<p>The flight was earlier tonight, with less heat perimeter growth (555 acres) and some areas of very intense heat, the heat did not cross any MAPs. Majority of the activity was on the SW side, with intense heat backing down into Warm Springs Creek. There were a number of potential heat sources tonight – though most of them are close enough to very intense heat, it may not matter if they actually indicate fire on the ground or not. There was one potential heat source in Div Z, just above Trout Creek Lake, west of road 538, but east of MAP 17. There were also two potential heat sources far north of the fire, which were most likely scanner artifacts. There were still mapped and placed in the potential heat source shapefile. Lat/longs in decimal degrees WGS84 Datum have been added to the potential heat source file with WGS84 in the name.</p> <p>Div A – cooler tonight, with only one heat source detected east of road 540.</p> <p>Div B – cooler along perimeter edge, with no growth detected tonight.</p> <p>Div F - The stringer of heat perimeter on the east edge of the incident is showing some growth, with intense heat joining it to the main perimeter to create what is potentially a large unburned island. The isolated heat areas east of Teton Valley Camp, on the east side of Crooked Creek showed a lot less heat tonight with only a few isolated heat sources. Still some perimeter growth and intense heat to the S and E of the ranch, but cooler tonight than last night.</p> <p>Div J – much cooler tonight, with just one isolated heat source outside the heat perimeter near Union Pass area, section 28.</p> <p>Div O – Some areas of heat perimeter growth and intense heat where backing down into Warm Springs Creek, with the overall perimeter closer to MAP 19. The largest area of growth was near the O/Z break in section 22, and in 23 where the heat appears to have crossed the road to the south.</p> <p>Div Z – heat on the south side of road 536 in several locations. The heat is backing down into Trout creek and in the area toward Trout Creek Lake, with numerous isolated heat sources outside the main perimeter. Also intense heat and perimeter growth in section 6 near trail 829, with the heat moving uphill on both sides of Sheridan Creek.</p> <p>Questions/Comments – contact Elise Bowne at 303-517-7510</p>			