

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: 2,304 Acres Growth last period: 364 Acres
Flight Time: 0007 Hours MDT Flight Date: July 23, 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: 350	Aircraft/Scanner System: N149Z/Phoenix	Pilots/Techs: Netcher/Smith/Smith
IRIN Comments on imagery: Good imagery, Orthorectification was good.		Weather at time of flight: Clear	Flight Objective: Map heat perimeter and heat
Date and Time Imagery Received by Interpreter: July 23, 2016 @ 0020 hours MDT		Type of media for final product: Shapefiles (5), 2 Maps, IR Log and KMZ	
Date and Time Products Delivered to Incident: July 23, 2016 @ 0430 hours MDT		Digital files sent to: http://ftp.nifc.gov/Incident_Specific_Data/Rocky_Mtn/2016/LavaMountain/IR/20160723/	
Comments /notes on tonight's mission and this interpretation			
<p>The intense heat tonight was mostly on the southeast part of the incident. One issue was that there was so much heat in that area that it became difficult to tell exactly where the perimeter was. It may be further out, encompassing some of the isolated heat sources outside the main perimeter.</p> <p>There were several possible heat sources on the south and southeast part of the incident tonight. They were put in a separate shapefile and lat/longs were calculated and added as attributes, to the file. The lat/longs are in decimal degrees WGS84. They were in an area of extreme radiant heat and it was difficult to tell if the heat was on the ground in those areas or not.</p> <p>No heat was found east of the Wind River or the highway tonight. However, there were new heat sources located in the "V" on the southeast end, made by roads 532 and 542. Additionally, there was both intense and scattered heat that appeared to beyond the location of the line that was just north of 542, on the east end.</p> <p>Along the south edge of the fire, there is intense heat creeping up the NNE facing slope on the south side of Sheridan Creek; this intense heat was not as intense as the heat in the area between road 532 and 542 (south side of intersection) and the heat moving up the hill toward road 532 on the west on the southernmost part of the incident.</p> <p>Questions/Comments – contact Elise Bowne at 303-517-7510</p>			