

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: 441 Acres Growth last period: 163 Acres
Flight Time: 2205 Hours MDT Flight Date: July 18, 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: 309	Aircraft/Scanner System: N144Z/Phoenix	Pilots/Techs: Boyce/Lowery/Navarro
IRIN Comments on imagery: Good imagery, but orthorectification was off quite a bit.		Weather at time of flight: Clear	Flight Objective: Map heat perimeter and heat
Date and Time Imagery Received by Interpreter: July 18, 2016 @ 2230 hours MDT		Type of media for final product: Shapefiles (5), 2 Maps, IR Log and 2 KMZ (one for tonight, one for last night's revised perimeter) Digital files sent to: http://ftp.nifc.gov/Incident_Specific_Data/Rocky_Mtn/2016/LavaMountain/20160719/IR	
Date and Time Products Delivered to Incident: July 19, 2016 @ 0100 hours MDT			
Comments /notes on tonight's mission and this interpretation:			
<p>Tonight started with revising the IR Heat Perimeter from the flight from last night, which included removing all traces of the incident provided incident perimeter from night 1 and just included areas with heat in the imagery from the first night. There is a kmz file of the old perimeter and there is also a revised shapefile which may be useful later for progression mapping.</p> <p>There was a large area of intense heat and heat perimeter growth to the north of yesterday's perimeter. There were numerous isolated heat sources and isolated areas of heat out in front of the main perimeter, mainly along the north side of the incident. There were a number of spots to the NW of the road marked 1B on the map. The main heat perimeter was close to that road as well, at flight time – which was 2205 hours.</p> <p>There was also heat perimeter growth to the south of the fire, where the spots from yesterday were surrounded by the main heat perimeter and are now part of the main heat perimeter. The main perimeter appears to now be on the south side of road 564 in one area, in the far southeastern corner of section 32.</p> <p>While there was some heat perimeter growth to the east of the main perimeter, it was minimal, with just one isolated area of scattered heat ahead of the main fire.</p> <p>Questions/Comments – contact Elise Bowne at 303-517-7510</p>			