

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: 12,169 Acres Growth last period: 628 Acres
Flight Time: 0217 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: 411	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 @ 0240 hours MDT		Type of media for final product: Shapefiles (5), 2 Maps, IR Log and KMZ	
Date and Time Products Delivered to Incident: July 28, 2016 @ 0530 hours MDT Preliminary maps July 28, 2016 @ 0715 hours MDT – all products		Digital files sent to: http://ftp.nifc.gov/Incident_Specific_Data/Rocky_Mtn/2016/LavaMountain/IR/20160728/	
Comments /notes on tonight's mission and this interpretation			
<p>Late flight again tonight. Less heat and much less heat perimeter growth than on previous nights. The two isolated areas of heat that were on the east side of MAP 19 last night showed no heat tonight. No MAPs were compromised by heat detected on this latest IR mission. The heat is within about 60 or 70 yards of MAP 19 in several locations along Warm Spring Creek, in sections 25, 26, 30 and 31.</p> <p>Div A – cooler still tonight with only a few isolated heat sources detected well in from the heat perimeter.</p> <p>Div B – cooler tonight with the eastern portion having only isolated heat sources, well back from the heat perimeter. The western portion continues to have some heat right up to the edge of the heat perimeter, with both isolated and scattered heat. There was one area of intense heat mapped right against the heat perimeter edge, where the perimeter bumped out a bit. This was in section 7, just south of the Timberline Ranch.</p> <p>Div F – The stringer of heat that runs N/S along Crooked Creek from section 17 on the S to section 5 on the north has cooled, but pockets of intense heat remain. In section 17, there are several isolated areas of heat on the east side of Crooked Creek, east of DP 24 –detected on previous IR flight - continue to show intense heat and heat perimeter growth.</p> <p>Div J – unsure of where exactly Div break is on the fire itself, but the area of heat in NE corner of section 20 – east of Crooked Creek and DP 25 also grew about and has some intense heat. Heat perimeter growth and intense heat to the south of the road into Teton Valley Ranch, and larger area of growth ther in section 20/21 to the east, intense heat. Two heat sources were mapped outside the heat perimeter in the subdivision in section 28. This area may have burned, but hard to tell with the light fuels.</p> <p>Div O – remains hot, with the heat backing down into Warm Springs Creek.</p> <p>Div Z – Also showing heat perimeter growth and intense heat, mainly with the growth up toward the know to the NE of Trout Creek Lake, but also further north. Questions/Comments – contact Elise Bowne at 303-517-7510</p>			