

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: 11,541 Acres Growth last period: 3,521 Acres
Flight Time: 0244 Hours MDT Flight Date: July 27, 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: 384	Aircraft/Scanner System: N144Z/Phoenix	Pilots/Techs: Boyce/Nelson/Mann
IRIN Comments on imagery: Good imagery, Orthorectification was off in overlap areas.		Weather at time of flight: Clear	Flight Objective: Map heat perimeter and heat
Date and Time Imagery Received by Interpreter: July 27, 2016 @ 0244 hours MDT		Type of media for final product: Shapefiles (5), 2 Maps, IR Log and KMZ	
Date and Time Products Delivered to Incident: July 27, 2016 @ 0530 hours MDT preliminary products July 27, 2016 @ 0730 hours MDT final products		Digital files sent to: http://ftp.nifc.gov/Incident_Specific_Data/Rocky_Mtn/2016/LavaMountain/IR/20160727/	
Comments /notes on tonight's mission and this interpretation Very active again on the south side, with growth to the south and southeast. MAP 19 has been compromised – see below. There was also an area of heat perimeter growth on the west flank of the fire in an area which has previously shown only small increases, between trail 829 and the knob with spot elevation of 9262 ft. It was difficult to tell exactly where the fire edge was on the north side of the knob as there was a lot of radiant heat and possible reflections from the rocky area. Would appreciate feedback here. The heat perimeter was mapped as < 0.2 miles from MAP 17 in section 6. To the SE from here, the heat perimeter continues to grow with intense heat and numerous isolated heat sources beyond the main perimeter, with a few areas of moderate growth. There is heat now on the SW side of the road intersection of 619/620.1B/620.1C and In the Camp Creek drainage, heat is filling in from both E and W. An isolated heat source is S of road 536 in the SE corner of section 15 – it is possible this could have been vehicle exhaust if a truck was idling. To the SE – Intense heat/isolated heat detected 70 yards from MAP 19 on N side of Warm Spring Ck, NE corner section 26. About 1 mile E of the confluence of South Fork and Warm Spring Creek, there were two isolated heat sources near the top of the hill to the south of MAP 19 to the east of road 532 where it turns to the south. The subdivision which is in sections 29/28 by roads 532 and 253 (shown on topo maps as Cow Camp and Ruins De Noir) had a lot of heat right up to the structures, but in comparing the IR imagery to the orthophoto, it did not appear that any large structures were within the heat perimeter as of flight time. The Teton Valley Ranch Camp is now almost surrounded by heat and heat perimeter, with a narrow swath where no heat has been detected and with an opening to the east. However there were more isolated heat sources and larger areas of isolated heat detected tonight on the hillsides to the east. Isolated heat sources and isolated areas of heat were detected again tonight – with some new ones to the east of Crooked Creek in the east half of section 17 and 20. There was a stringer of heat detected in light fuels along the east side of the fire to the west of the road in Crooked Creek – possibly a burnout? <div style="text-align: right;"> Questions/Comments – contact Elise Bowne at 303-517-7510 </div>			