

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> Lava Mountain WY-SHF-000267	<b>IR Interpreter(s):</b> Elise Bowne	<b>Local Dispatch Phone:</b> 307-578-5740 Cody Dispatch	<b>Interpreted Size:</b> 5,488 Acres <b>Growth last period:</b> 1,219 Acres
<b>Flight Time:</b> 2320 Hours MDT <b>Flight Date:</b> July 24, 2016	<b>Interpreter(s) location:</b> Lakewood, CO <b>Interpreter(s) Phone:</b> 303-517-7510	<b>GACC IR Liaison:</b> Melinda McGann <b>GACC IR Liaison Phone:</b> 303-275-5211	<b>National Coordinator:</b>  <b>National Coord. Phone:</b>
<b>Ordered By:</b> Shoshone NF	<b>A Number:</b> 363	<b>Aircraft/Scanner System:</b> N149Z/Phoenix	<b>Pilots/Techs:</b> Lowrey/Netcher/Smith
<b>IRIN Comments on imagery:</b> Good imagery, Orthorectification was okay.		<b>Weather at time of flight:</b> Clear	<b>Flight Objective:</b> Map heat perimeter and heat
<b>Date and Time Imagery Received by Interpreter:</b> July 24, 2016 @ 2400 hours MDT		<b>Type of media for final product:</b> Shapefiles (5), 2 Maps, IR Log and KMZ	
<b>Date and Time Products Delivered to Incident:</b> July 25, 2016 @ 515 hours MDT		<b>Digital files sent to:</b> <a href="http://ftp.nifc.gov/Incident_Specific_Data/Rocky_Mtn/2016/LavaMountain/IR/20160725/">http://ftp.nifc.gov/Incident_Specific_Data/Rocky_Mtn/2016/LavaMountain/IR/20160725/</a>	
<b>Comments / notes on tonight's mission and this interpretation</b> <p>As of flight time, there was no further spread downriver to the SE from where the heat perimeter was last night. The southeastern-most portion of the incident has cooled a bit since the last IR flight. Other portions of the incident had plenty of intense heat and significant increase in the heat perimeter. There was a significant amount of intense heat along the north edge (east half of the incident) from about the middle of section 1 (south part) past road 323 through section 7, ending only 0.3 miles west of the eastern most tip of the fire. MAP 9 had not been reached by flight time.</p> <p>Along the south edge of the fire, there was a lot of intense heat with numerous isolated areas of heat ahead of the main heat perimeter. The heat is moving uphill toward MAP 18, but is still about 1/2 mile from it. The eastern most portion of this area of intense heat is now in section 13 on both sides of the ridge on the north side of the head of the N Fk Crooked Creek drainage.</p> <p>Further to the SW an area of intense heat is moving uphill to the SW and has moved about 1/2 mile since the previous flight, it was just barely northeast of road 633, in section 8 at flight time. Continuing around clockwise, there is intense heat moving up both sides of the Sheridan Creek drainage, about 0.9 miles to the east of MAP 17. There was a small amount of heat perimeter growth with intense heat on the western most edge of the fire, in section 31. The rest of the north part of the incident is relatively cool, with isolated heat sources and some scattered heat, though there were small perimeter adjustments. The northeast part of the incident on both sides of Road 540 in sections 29, 32 and 33 is much cooler with fewer heat sources detected near the heat perimeter.</p> <p>Questions/Comments – contact Elise Bowne at 303-517-7510</p>			