

## 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> 1,940 Acres <b>Growth last period:</b> 916 Acres
<b>Flight Time:</b> 2157 Hours MDT <b>Flight Date:</b> July 21, 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> 338	<b>Aircraft/Scanner System:</b> N149Z/Phoenix	<b>Pilots/Techs:</b> Netcher/Smith/Smith
<b>IRIN Comments on imagery:</b> Good imagery, Orthorectification was good.		<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 21, 2016 @ 2230 hours MDT		<b>Type of media for final product:</b> Shapefiles (4), 2 Maps, IR Log and KMZ	
<b>Date and Time Products Delivered to Incident:</b> July 22, 2016 @ 0120 hours MDT		<b>Digital files sent to:</b> <a href="http://ftp.nifc.gov/Incident_Specific_Data/Rocky_Mtn/2016/LavaMountain/IR/20160722/">http://ftp.nifc.gov/Incident_Specific_Data/Rocky_Mtn/2016/LavaMountain/IR/20160722/</a>	
<b>Comments / notes on tonight's mission and this interpretation</b>  The south and southeast parts of the incident had a lot of intense heat on both sides of the Sheridan Creek and the heat perimeter nearly doubled in size since the previous flight. All the heat remains to the SE of the highway. It does appear that the heat has passed several MAPs.  The northwest side of the incident (Div A?) showed only a small amount of intense heat and some growth. There are a few new isolated heat sources outside the main perimeter, but they are very close to the perimeter. The center of the heat perimeter is cooling down to just a few isolated heat sources.  To the north and east (Div D?) continues to show some intense heat and perimeter growth on the east side of road 540 in the south part of sections 28 and 29, but it remains west of the Wind River. Several of the internal unburned islands are showing heat as those islands get smaller.  In Div W (?) the southeast part of the incident, at the division break, where roads 542 and 532 intersect, it appears that the topo map shows the road intersection incorrectly. The main heat perimeter remains on the east and south of the intersection. However, there are four isolated heat sources on the north side of Sheridan Creek in section 3 on the east side of road 532. There is an infrared map provided today that has the orthophoto (Wyoming NAIP 2015) as a background, which is helpful for seeing where the roads are actually located. Where the heat has crossed to the east side of road 532 (south of the 542 intersection) there are lots of areas of isolated heat. Some of them showed very intense heat. Around to the south the heat is moving up the slope out of the Sheridan Creek drain with a lot of intensity.  Questions/Comments – contact Elise Bowne at 303-517-7510			