

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> Moose Incident ID-SCF-022105	<b>IR Interpreter(s):</b> Max Wahlberg	<b>Local Dispatch Phone:</b> Central Idaho Dispatch (208-756-5157)	<b>Interpreted Size:</b> 43,226 acres  <b>Growth last period:</b> 2,838 acres																														
<b>Flight Time:</b> 2208 MDT  <b>Flight Date:</b> 7/28/2022	<b>Interpreter(s) location:</b> Bend, OR  <b>Interpreter(s) Phone:</b> 503-319-9582	<b>GACC IR Liaison:</b> Nate Yorgason  <b>GACC IR Liaison Phone:</b> 435-590-1107	<b>National Coordinator:</b> Tom Mellin  <b>National Coord. Phone:</b> 505-301-8167																														
<b>Ordered By:</b> ID-SCF	<b>A Number:</b> A-74	<b>Aircraft/Scanner System:</b> N149Z / Phoenix	<b>Pilots/Techs:</b> Pilots: Helquist, Boyce Techs: Guzman																														
<b>IRIN Comments on imagery:</b> Tonight's imagery had some heat signatures that were questionable, especially outside the main fire perimeter. These signatures were isolated, and had misalignment between the two bands in the color tiff. A few clouds, but imagery overlaps allowed for full interpretation of the fire.		<b>Weather at time of flight:</b> Mostly.	<b>Flight Objective:</b> Map heat																														
<b>Date and Time Imagery Received by Interpreter:</b> 7/28/2022 @ 2343 MDT		<b>Type of media for final product:</b> PDF Map, gdb, kmz.																															
<b>Date and Time Products Delivered to Incident:</b> 7/29/2022 @ 0238 MDT		<b>Digital files sent to:</b> NIFS, NIFC FTP.																															
<b>Comments /notes on tonight's mission and this interpretation:</b> Tonight's mapping used the incident's wildfire daily perimeter pulled from NIFS at 2345 as a base for mapping.  <b>Note: A total of nine questionable heat sources were identified well outside the fire's main perimeter. They may be due to an error with the sensor, but were mapped as possible heat sources. Lat/long coordinates for each are provided below and included on the PDF maps.</b>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">FC IR Point Type</th> <th style="text-align: left;">* Latitude</th> <th style="text-align: left;">Longitude</th> </tr> </thead> <tbody> <tr><td>Possible IR Heat Source</td><td>45° 17.830' N</td><td>114° 00.632' W</td></tr> <tr><td>Possible IR Heat Source</td><td>45° 17.810' N</td><td>114° 00.801' W</td></tr> <tr><td>Possible IR Heat Source</td><td>45° 18.907' N</td><td>113° 59.615' W</td></tr> <tr><td>Possible IR Heat Source</td><td>45° 18.616' N</td><td>114° 12.968' W</td></tr> <tr><td>Possible IR Heat Source</td><td>45° 19.706' N</td><td>114° 09.717' W</td></tr> <tr><td>Possible IR Heat Source</td><td>45° 21.424' N</td><td>114° 19.066' W</td></tr> <tr><td>Possible IR Heat Source</td><td>45° 24.817' N</td><td>114° 00.041' W</td></tr> <tr><td>Possible IR Heat Source</td><td>45° 25.173' N</td><td>114° 03.579' W</td></tr> <tr><td>Possible IR Heat Source</td><td>45° 23.419' N</td><td>113° 58.128' W</td></tr> </tbody> </table> <p>Perimeter growth was considerable on the fire's western edge (Div T) with what appears to be a burnout operation northeast of Pine Creek Ranch connecting to the main fire perimeter. This area was predominantly mapped as Intense heat with the</p>				FC IR Point Type	* Latitude	Longitude	Possible IR Heat Source	45° 17.830' N	114° 00.632' W	Possible IR Heat Source	45° 17.810' N	114° 00.801' W	Possible IR Heat Source	45° 18.907' N	113° 59.615' W	Possible IR Heat Source	45° 18.616' N	114° 12.968' W	Possible IR Heat Source	45° 19.706' N	114° 09.717' W	Possible IR Heat Source	45° 21.424' N	114° 19.066' W	Possible IR Heat Source	45° 24.817' N	114° 00.041' W	Possible IR Heat Source	45° 25.173' N	114° 03.579' W	Possible IR Heat Source	45° 23.419' N	113° 58.128' W
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exception of the area directly adjacent to the ranch which was mapped as scattered heat. All heat remains north of Pine Creek and Virginia Gulch.

Some incremental fire growth was mapped along the fire's southern edge, with small pockets of intense heat mapped along the perimeter.

Previous night's polygons of scattered heat continue to dissipate leaving isolated heat sources throughout much of the fire area.