

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> Magpie Rock Incident MT-FHA-000070	<b>IR Interpreter(s):</b> Maximillian Wahlberg <a href="mailto:max.wahlberg@usda.gov">max.wahlberg@usda.gov</a>	<b>Local Dispatch Phone:</b> MT-MDC (406-829-7060)	<b>Interpreted Size:</b> 3,167 acres  <b>Growth last period:</b> +517 acres
<b>Flight Time:</b> 2215 MDT  <b>Flight Date:</b> 07/30/2020	<b>Interpreter(s) location:</b> Portland, OR  <b>Interpreter(s) Phone:</b> 503-319-9582	<b>GACC IR Liaison:</b> Tim Stauffer  <b>GACC IR Liaison Phone:</b> 406-529-6366	<b>National Coordinator:</b> Tom Mellin  <b>National Coord. Phone:</b> 505-842-3845
<b>Ordered By:</b> RSU (406-581-4622)	<b>A Number:</b> A-29	<b>Aircraft/Scanner System:</b> Tanax N-350FV / TK-9	<b>Pilots/Techs:</b> Tech: Kelsey Ramsey (Overwatch Imaging)
<b>IRIN Comments on imagery:</b> Similar issues to the previous night. Misalignment between MWIR and LWIR was particularly problematic along the fire's southern perimeter.		<b>Weather at time of flight:</b> Clear	<b>Flight Objective:</b> Map heat perimeter, intense heat, scattered heat, and isolated heat
<b>Date and Time Imagery Received by Interpreter:</b> August 1, 2020 @ 2248 MDT		<b>Type of media for final product:</b> Shapefiles, PDF Map, KMZ, IR Daily Log	
<b>Date and Time Products Delivered to Incident:</b> August 1, 2020 @ 0100 MDT		<b>Digital files sent to:</b> NIFC FTP: <a href="https://ftp.nifc.gov/public/incident_specific_data/n_rock/ies/2020_fires/2020_MagpieRock/IR/20200801/">https://ftp.nifc.gov/public/incident_specific_data/n_rock/ies/2020_fires/2020_MagpieRock/IR/20200801/</a>	
<b>Comments / notes on tonight's mission and this interpretation:</b> Mapping included two different fires tonight: Magpie Rock and Horseshoe.  Magpie Rock: Mapping used the incident provided perimeter as a base tonight. Perimeter growth was primarily mapped along the fire's southern edge where intense heat was mapped along the fire's edge. Much of the fire area continues to hold scattered to intense heat. The fire's northern and northeastern edge were the coldest portions of the fire with only interior isolated heat mapped in these areas.  Horseshoe: Limited remnant heat in light fuels make perimeter mapping difficult. The provided product maps the detected heat, however areas outside the heat perimeter may have burned prior to the flight but no longer hold heat. Heat was mapped on both sides of the river, with scattered and isolated heat mapped in the bottom.			