

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> Park Creek Incident (MT-HLF-000146)	<b>IR Interpreter(s):</b> Maximillian Wahlberg <a href="mailto:mwahlberg@fs.fed.us">mwahlberg@fs.fed.us</a>	<b>Local Dispatch Phone:</b> Helena (406-449-5475)	<b>Interpreted Size:</b> 2,900  <b>Growth last period:</b> 59 acres
<b>Flight Time:</b> 2246 MDT  <b>Flight Date:</b> 7/23/2017	<b>Interpreter(s) location:</b> Portland, OR  <b>Interpreter(s) Phone:</b> 928-273-0779	<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> 208-387-5900
<b>Ordered By:</b> Incident Situation Unit (Kristen Sanders SITL)	<b>A Number:</b> Park Creek  A-20	<b>Aircraft/Scanner System:</b> N149z / Phoenix	<b>Pilots/Techs:</b> <b>N149Z Flight Crew</b> Pilot: Netcher Pilot: Nelson Tech: Smith
<b>IRIN Comments on imagery:</b> Clean scan.		<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> 7/23/2017 @ 2303 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> 7/24/2017 @ 0130 MDT		<b>Digital files sent to:</b> NIFC FTP: <a href="http://ftp.nifc.gov/incident_specific_data/n_rockies/2017_fires/2017_ParkCreek/IR/20170724/">http://ftp.nifc.gov/incident_specific_data/n_rockies/2017_fires/2017_ParkCreek/IR/20170724/</a>	
<b>Comments /notes on tonight's mission and this interpretation:</b>  NOTE: Multiple potential heat sources were identified well outside the heat perimeter in tonight's mapping. Some of these heats were located near roads, indicating potential campfires, however some were not. A total of 11 of these "Potential Heat Sources" were mapped. Due to their proximity to the main heat perimeter, many did not plot on the 11x17 map product, however all are mapped on the ARCH E map product. They were located at the following locations:  47° 1' 14.14" N 112° 45' 3.75" W 47° 0' 21.47" N 112° 45' 42.86" W 47° 3' 10.30" N 112° 47' 35.96" W 47° 0' 55.56" N 112° 49' 31.09" W 47° 0' 14.05" N 112° 43' 5.92" W 47° 0' 53.10" N 112° 35' 37.24" W 47° 1' 57.43" N 112° 36' 15.84" W 47° 2' 52.25" N 112° 34' 55.22" W 47° 2' 39.19" N 112° 34' 52.93" W 47° 3' 29.06" N 112° 34' 51.39" W 46° 59' 3.22" N 112° 41' 50.49" W			

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Tonight's mapping began with the previous shift's IR heat perimeter. Perimeter growth was mapped along the southern border of the fire with intense heat in many areas of growth. An especially hot polygon of intense heat was mapped on the ridgeline between Liverpool Creek and Park Creek east of point 5682.

An isolated heat source was also detected on the north side of Stonewall Mountain.

Approximately 6/10<sup>th</sup> of an acre spot was mapped on the east side of FS trail 417 in the southeast portion of section 20.

A new spot was detected on the east side of Sucker Creek approximately 1/3 mile east of the main perimeter in section 29.

IR products for Arrastra Creek were scanned at the same time as Park Creek, and those products can be found in the NIFC FTP folder for the Arrastra Creek Incident.