

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> Arrastra Creek (2017-MTHLF-000166)	<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> Arrastra Creek 2099 acres <b>Growth last period:</b> 2022 acres
<b>Flight Time:</b> 0317 MDT <b>Flight Date:</b> 7/21/2017	<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-16	<b>Aircraft/Scanner System:</b> N149z / Phoenix	<b>Pilots/Techs:</b> <b>N149Z Flight Crew</b> Pilot: Netcher Pilot: White Tech: Mann
<b>IRIN Comments on imagery:</b> Imagery barely covers the north end of the fire. The scan box will need to be expanded to the north to accommodate for the next flight.		<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> 7/21/2017 @ 0347 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> 7/21/2017 @ 0500 MDT		<b>Digital files sent to:</b> NIFC FTP: <a href="http://ftp.nifc.gov/incident_specific_data/n_rockies/2017_fires/2017_ArrastraCreek/IR/20170721/">http://ftp.nifc.gov/incident_specific_data/n_rockies/2017_fires/2017_ArrastraCreek/IR/20170721/</a> and cross posted to: <a href="http://ftp.nifc.gov/incident_specific_data/n_rockies/2017_fires/2017_ParkCreek/IR/2017071/">http://ftp.nifc.gov/incident_specific_data/n_rockies/2017_fires/2017_ParkCreek/IR/2017071/</a>	

**Comments /notes on tonight's mission and this interpretation:**

**NOTE: two questionable heat sources were detected miles from the main fires but within the scan. One is located 2.5 miles south of the Arrastra Creek Fire at 46° 59' 48.97" N 112° 46' 26.95" W. The other was located 4 miles east of the Park Creek fire at 47° 1' 6.19" N 112° 34' 6.70" W.**

Arrastra Creek was flown in one strip along with Park Creek. Mapping began with the previous night's IR perimeter. Tonight, separate shapefiles were created for the two incidents, though products for each fire are cross posted to the other incident's NIFC FTP folder.

Significant fire growth was mapped to the east, north and south over last night with nearly the entire heat perimeter exhibiting intense heat. The fire has crossed both Yukon and Klondike Creeks to the east and has multiple spot fires established east of Theodore Creek. To the north, the fire has consumed bowl forming the upper Yukon Creek drainage, and appears to have spotted into the upper portions of the drainage above Copper Lake.

The fire has expanded both north and east more than two miles since last night, and isolated heat sources were mapped ½ mile outside the main fire perimeter. The fire's furthest east heat was mapped within 1.75 miles of the Park Creek Incident.

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