

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Arrastra Creek (2017-MTHLF-000166)	IR Interpreter(s): Maximillian Wahlberg mwahlberg@fs.fed.us	Local Dispatch Phone: Helena (406-449-5475)	Interpreted Size: 2,501 acres Growth last period: 71 acres
Flight Time: 2246 MDT Flight Date: 7/23/2017	Interpreter(s) location: Portland, OR Interpreter(s) Phone: 928-273-0779	GACC IR Liaison: Tim Stauffer GACC IR Liaison Phone: 406-529-6366	National Coordinator: Tom Mellin National Coord. Phone: 208-387-5900
Ordered By: Incident Situation Unit (Kristen Sanders SITL)	A Number: Park Creek A-20	Aircraft/Scanner System: N149z / Phoenix	Pilots/Techs: N149Z Flight Crew Pilot: Netcher Pilot: Nelson Tech: Smith
IRIN Comments on imagery: Clean single scan.		Weather at time of flight: Clear	Flight Objective: Map heat perimeter, intense heat, scattered heat, and isolated heat
Date and Time Imagery Received by Interpreter: 7/23/2017 @ 2303 MDT		Type of media for final product: Shapefiles, PDF Map, KMZ, IR Daily Log	
Date and Time Products Delivered to Incident: 7/24/2017 @ 0130 MDT		Digital files sent to: NIFC FTP: http://ftp.nifc.gov/incident_specific_data/n_rookies/2017_fires/2017_ArrastraCreek/IR/20170724/	

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

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

Mapping began with the previous shift's IR heat perimeter, with perimeter growth mapped along the southern, eastern and northern edges of the fire. On the south, the fire appears to have reached the mapped terminus of FS road 1804A on the

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west side of Yukon Creek. Intense heat was mapped in areas of perimeter growth along the southern and northeastern edge of the fire. Scattered heat was found in large areas throughout the fire area. The fire's western edge showed limited heat with primarily isolated heat sources. One of the potential heat sources noted above is located mid slope between the fire's western edge and Arrastra Creek (approximately 1/3 mile west of the fire perimeter).

The Park Creek Incident was scanned at the same time as Arrastra Creek, and those products can be downloaded from the Park Creek folder on the NIFC FTP.