

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Park Creek (MT-HLF-000146) Arrastra Creek (2017-MTHLF-000166)	IR Interpreter(s): Maximillian Wahlberg mwahlberg@fs.fed.us	Local Dispatch Phone: Helena (406-449-5475)	Interpreted Size: Park Creek: 1,964 acres Arrastra Creek 77 acres Growth last period: Park Creek: 108 acres Arrastra Creek: 77 acres
Flight Time: 2133 MDT Flight Date: 7/19/2017	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: A-15	Aircraft/Scanner System: N144z / Phoenix	Pilots/Techs: N144Z Flight Crew Pilot: Johnson Pilot: Boyce Tech: Josh
IRIN Comments on imagery: One east-west strip, clean and cloud free.		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: 7/19/2017 @ 2210 MDT		Type of media for final product: Shapefiles, PDF Map, KMZ, IR Daily Log	
Date and Time Products Delivered to Incident: 7/20/2017 @ 0015 MDT		Digital files sent to: NIFC FTP: http://ftp.nifc.gov/incident_specific_data/n_rockies/2017_fires/2017_ParkCreek/IR/2017070/	
Comments /notes on tonight's mission and this interpretation: <p>Note: an isolated heat source was detected 3 miles northeast of the fire at 112 37 8.97 W 47 4 36.84 N. This location is within the Copper Creek Campground, indicating a likely campfire.</p> <p>Park Creek: Tonight's mapping on Park Creek is based on the previous night's IR perimeter. Growth was mapped primarily on the south and southeastern edge of the fire, with downhill fire progression and intense heat showing on multiple lobes of the fire. The previously mapped spot fire east of Park Creek is now part of the main fire polygon. On the northern edge of the fire, one polygon of intense heat was mapped, with heat detected on the north side of FS trail 417.</p> <p>Arrastra Creek: Incident advised IRIN at 1910 MDT that a new start, approximately 4 miles west of the Park Creek fire had been assigned to the team and requested IR for this fire as well. As a result, the scan box was adjusted west to -112° 49.0' to cover both fires in one scan.</p>			

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77 acres of fire were mapped on the south / southeast slopes of the unnamed knob between Arrastra and Yukon Creeks. The entire heat signature for Arrastra showed intense heat. On the south side of the fire, one spot was detected ~ 4 chains outside the main perimeter. On the northeast portion of the fire, three spots were detected, the furthest being nearly 1/10th a mile east of the main heat perimeter.