

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Park Creek Incident (MT-HLF-000146)	IR Interpreter(s): Maximillian Wahlberg mwahlberg@fs.fed.us	Local Dispatch Phone: Helena (406-449-5475)	Interpreted Size: 2,725 Growth last period: 761 acres
Flight Time: 0317 MDT Flight Date: 7/21/2017	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-16	Aircraft/Scanner System: N149z / Phoenix	Pilots/Techs: N149Z Flight Crew Pilot: Netcher Pilot: White Tech: Mann
IRIN Comments on imagery: Imagery barely covers the north end of the Arrastra fire. The scan box will need to be expanded to the north to accommodate for the next flight.		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: 7/21/2017 @ 0347 MDT		Type of media for final product: Shapefiles, PDF Map, KMZ, IR Daily Log	
Date and Time Products Delivered to Incident: 7/21/2017 @ 0500 MDT		Digital files sent to: NIFC FTP: http://ftp.nifc.gov/incident_specific_data/n_rockies/2017_fires/2017_ArrastraCreek/IR/20170721/ and cross posted to: http://ftp.nifc.gov/incident_specific_data/n_rockies/2017_fires/2017_ParkCreek/IR/2017071/	

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.

The Park Creek Incident was once again flown in one strip alongside the Arrastra Creek fire to the west. Products for both fires are cross posted to both NIFC FTP locations, and an additional ARCH E map was produced showing both fires together. Mapping began with the previous night's perimeter. Fire growth was mapped primarily along the southeastern portion of the fire. The Upper Park Creek and Liverpool Creek drainages burned, with last night's spot fires on the west of point 6335 now joined with the main fire. Multiple heat sources were mapped in the upper Sucker Creek drainage, including some on the east side of Sucker Creek, the largest of which was mapped at nearly 4 acres in size. Isolated heat sources were also detected along and to the east of FS trail 417 with the furthest east occurring more than ½ mile east of the main fire perimeter, and within 4/10 of a mile from FS road 1821 near Keep Cool Creek. Intense and scattered heat were mapped in the areas of fire growth.

INFRARED INTERPRETER'S DAILY LOG

Isolated heat sources were mapped along the fire's edge on the west and norther perimeters, and a small polygon of intense heat was mapped in the disconnected fire polygon in the upper Snowbank Creek drainage.