INFRARED INTERPRETER'S DAILY LOG

Incident Name:	IR Interpreter(s):	Local Dispatch Phone:	Interpreted Size:
Hayden Pass	Ken Marchand kenfiregis@yahoo.com	208-983-6800	**16,360 acres** **Growth last period:** 138 acres
Flight Time: 2216 MDT **Flight Date:** 7/16/2016	**Interpreter(s) location:** Custer, SD **Interpreter(s) Phone:** C – (605) 673-9245 Office	**GACC IR Liaison:** Melinda McGann **GACC IR Liaison Phone:** 303-275-5211	**National Coordinator:** Jan Johnson **National Coord. Phone:** 801-824-5440
Ordered By: Ken Marchand	**A Number:** A-39	**Aircraft/Scanner System:** N149Z/Phoenix	**Pilots/Techs:** Kingsbury/Lowery/Kazimir

IRIN Comments on imagery:	Weather at time of flight:	Flight Objective:
Good spatial accuracy. Color.tif seemed to show heat that didn't get picked up by rawdata.shp	Clear with some clouds	Map Heat Perimeter, Intense Heat, Scattered Heat and Isolated Heat.

Date and Time Imagery Received by Interpreter:	Type of media for final product:
7/16/16 @ 2245 MDT	Shapefiles (.zip), pdf map, IRIN log, KMZ file
Date and Time Products Delivered to Incident: 7/17/16 @ 0100 MDT	**Digital files sent to:** ftp://ftp.nifc.gov/incident_specific_data/n_rockies/2016_fires /HaydenPass/20160717/IR/

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

Imagery was good for mapping perimeter and large heat sources.   Jill the tech said "Some machine noise southern strip eastern edge", I felt that the color.tif showed some heat that did not get picked up on rawheat.shp

The most intense heat is again found on the southside of the southeast part of the fire, about 100 new acres burnt in this area.   On the western edge, one area of intense heat was just above the campground, probably from burnout.

The southeast Spot Fires are still there along the southeast side at Balman Reservoir and Rainbow Lake , spots appear to be less intense, however this is the part of the imagery that the tech said 'machine noise', so there may be more\bigger heat sources than I mapped.

Below is view of the heat that I mapped from the imagery.

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Hayden Pass Fire CO-PSF-001022
Infrared Map   07/17/2016
Infrared Image 07/16/2016 2216
Total Acres 16,360

NATIONAL
INFRARED
OPERATIONS
IRIN Ken Marchand

Legend

- Isolated Heat
- Heat Perimeter
- Scattered Heat
- Intense Heat

N

1:48,000

0	0.5	1	2

Miles