

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Bear Creek MT-BDF-006610	IR Interpreter(s): Elise Bowne elise.bowne@usda.gov	Local Dispatch Phone: Dillon Dispatch (406-683-3975)	Interpreted Size: 3987 acres mapped (using UTM12). See notes below. Growth last period: none
Flight Time: 0230 MDT Flight Date: 08/13/2020	Interpreter(s) location: Denver, CO Interpreter(s) Phone: 303-517-7510	GACC IR Liaison: Tim Stauffer GACC IR Liaison Phone: 406-529-6366	National Coordinator: Tom Mellin National Coord. Phone: 505-842-3845
Ordered By: Dillon Dispatch	A Number: 16	Aircraft/Scanner System: Tenax N350FV / TK-9	Pilots/Techs: Pilot: Donaldson Pilot: Cole Tech: John Neubert (Overwatch Imaging)
IRIN Comments on imagery: Moderately good alignment between layers and with the ground, some adjustment needed. Fire extended past eastern edge of imagery.		Weather at time of flight: Some clouds, fire area mostly clear.	Flight Objective: Map heat and heat perimeter
Date and Time Imagery Received by Interpreter: August 13, 2020 @ 0430 MDT		Type of media for final product: Shapefiles, PDF Map, KMZ, IR Daily Log	
Date and Time Products Delivered to Incident: August 13, 2020 @ 0530 MDT preliminary data August 13, 2020 @ 0700 MDT final		Digital files sent to: https://ftp.nifc.gov/public/incident_specific_data/n_rockies/2020_files/2020_BearCreek/IR/	
Comments / notes on tonight's mission and this interpretation: First IR flight for Bear Creek. Fire made a pretty good run to the east and exceeded the box. It appeared that the imagery did not capture the eastern edge of the heat perimeter, so a shapefile was created to mark the end of the imagery. Currently not included in the KMZ, but will work on that. Some intense heat around the edges, very spotty heat on the edges as the fire ran through a lot of grassy areas. It was quite difficult to determine the actual perimeter in these areas, so the edge of the heat was marked. Where lines are straight, there was no heat detected between the vertices of the lines. One cloud was present on the southwestern part of the incident. The perimeter in that area was also estimates. Questions or comments, please contact the interpreter with the contact info above.			