

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Decker CO-RGF-001388	IR Interpreter(s): Elise Bowne elise.bowne@usda.gov	Local Dispatch Pueblo Dispatch 719-553-1600	Interpreted Size: 1,374 acres Growth last period: 40 acres since 9/26 NIROPS flight
Flight Time: 2035 MDT Flight Date: 9/27/2019	Interpreter(s) location: Denver, CO Interpreter(s) Phone: 303-517-7510	GACC IR Liaison: Elise Bowne GACC IR Liaison Phone: 303-517-7510	National Coordinator: Tom Mellin National Coord. Phone: 505-842-3845
Ordered By: Plans (970-903-1957)	A Number: A-29	Aircraft/Scanner System: N149z / Phoenix	Pilots/Techs: N149Z Flight Crew Pilot: Johnson Pilot: Boyce Tech: Butler
IRIN Comments on imagery: Imagery was murky due to water vapor in the atmosphere and clouds obscured a good portion of the fire		Weather at time of flight: Partly cloudy	Flight Objective: Map heat perimeter, intense heat, scattered heat, and isolated heat
Date and Time Imagery Received by Interpreter: 9/27/19 @ 2050 MDT		Type of media for final product: Shapefiles, PDF Maps, KMZ, IR Daily Log	
Date and Time Products Delivered to Incident: 9/28/19 @ 2330 MDT		Digital files sent to: https://ftp.nifc.gov/public/incident_specific_data/rocky_mtn/2019/Decker/IR/20190928/ and email	
Comments /notes on tonight's mission and this interpretation: Tonight's mapping began with the IR heat perimeter generated on the last NIROPS flight on 9/26/19 for 9/27/19. Unfortunately there were clouds in the vicinity and over the fire at the time of the flight. Since infrared energy is absorbed by water or water vapor, this means less heat gets to the sensor. There is likely more heat on the ground than what was mapped tonight. Heat was mapped where it was intense enough to show through the clouds. Approximately 40 acres of growth was detected. An isolated heat source was mapped, to the SW of a fire, just across the road from H-2. Possibly an engine running, or a campfire. It is included in the isolated heat source shapefile, in the kmz and on the map. 38°23.961' N x 105°59.634' W Small areas of growth on each side of the ridge to the SSE of Methodist Mtn. The large spot to the NNE of Simmons Peak grew again, with more growth outside the wilderness and intense heat. The smaller spot to the SE of Simmons Peak grew slightly. Intense heat and perimeter growth in sections 20 and 27 to the west of the Simmons Peak Trail. The west edge of the perimeter was under cloud cover and very little heat peaked through. Tonight's KMZ is in two pieces, the first for the normal heat information, and a stand-alone cloud cover kmz. Questions/Comments – Contact the interpreter through the contact info above.			