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:** 3,746 acres **Growth last period:** 1,539 acres since 9/30 NIROPS flight
Flight Time: 0127 MDT **Flight Date:** 10/02/2019	**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-39	**Aircraft/Scanner System:** N149Z / Phoenix	**Pilots/Techs:** **N149Z Flight Crew** Pilot: Johnson Pilot: Boyce Tech: Teats
IRIN Comments on imagery: Imagery was clear. The heat of the fire on the northern part of the imagery caused some scanner noise that made it difficult to detect the complete perimeter in that area		**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: 10/02/19 @ 0145 MDT **Date and Time Products Delivered to Incident:** 10/02/19 @ 0500 MDT		**Type of media for final product:** Shapefiles, PDF Maps, KMZ, IR Daily Log **Digital files sent to:** https://ftp.nifc.gov/public/incident_specific_data/rocky_mtn/2019/Decker/IR/20191002/ 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 9/30/19 for 10/01/19. The MMA's perimeter was downloaded and used in comparison with tonight's NIROPS imagery as well.

Tonight, the majority of the heat perimeter growth and intense heat was on the north side of the fire, and to the west.

Scanner noise on the northernmost part of the imagery is included on the maps to show where heat mapping was difficult. Included in KMZ as a cloud layer. At flight time of approximately 0130, there was intense heat (isolated, within 0.4 miles of the nearest house shown on the 2017 NAIP. Dispatch was notified. Preliminary shapefiles and map were produced and posted, and also talked to Ops and a screenshot was emailed. While the heat perimeter has moved quite a bit north and downhill from the communications site on Methodist, no heat was detected around the towers. Numerous spots and isolated areas of intense heat were detected in front of the main areas of intense heat on the north. Many isolated areas of heat to the east and southeast of Methodist Mountain. The fire has moved at least 2 miles north of where it was during the previous IR flight.

Along the west edge, areas of intense heat out in front of the main perimeter were detected tonight.

The large spot furthest to the east, near the rainbow trail continues to grow slightly with intense heat, to the SE.

The area near Ox Cart burn also shows some intense heat and small areas of heat perimeter growth.

Questions/Comments – Contact the interpreter through the contact info above.