

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Middle Mamm CO-WRF-000161	IR Interpreter(s): Elise Bowne elise.bowne@usda.gov	Local Dispatch Grand Junction Dispatch 970-257-4800	Interpreted Size: 1001 acres Growth last period: 22 acres since 10/9 incident perimeter
Flight Time: 2014 MDT Flight Date: 10/09/2019	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: Marco Perea SITL	A Number: A-44	Aircraft/Scanner System: N149Z / Phoenix	Pilots/Techs: Pilot: Johnson Pilot: Helquist Tech: Navarro
IRIN Comments on imagery: Clouds blocked view of western perimeter and moisture washed out the rest of the image		Weather at time of flight: Partly cloudy	Flight Objective: Map heat perimeter, intense, scattered and isolated heat
Date and Time Imagery Received by Interpreter: 10/09/19 @ 2045 MDT		Type of media for final product: Shapefiles, PDF Maps, KMZ, IR Daily Log	
Date and Time Products Delivered to Incident: 10/10/19 @ 0230 MDT		Digital files sent to: https://ftp.nifc.gov/public/incident_specific_data/rocky_mtn/2019/Middle_Mamm/IR/20191010/ and email	
Comments /notes on tonight's mission and this interpretation: <p>Tonight's mapping began with the incident perimeter from 10/9/2019.</p> <p>Unfortunately there were clouds in the fire area at flight time. The west end of the southernmost perimeter was completely obscured by clouds, though there was one area of intense heat showing through. Since clouds absorb infrared, there was likely more heat on the ground than is showing on the map. The clouds were mapped into their own shapefile to show where it is likely there was more heat than was visible.</p> <p>More areas of intense heat detected tonight, along with a bit more heat perimeter growth. The majority of the heat perimeter growth was in the Middle Mamm Creek drainage. The southernmost area of perimeter in the Middle Mamm Creek drainage showed a few areas of intense heat and perimeter growth, on the westernmost part of the perimeter, directly to the west of the upper part of Middle Mamm Creek, on either side of the Battlement Trail on the east side of the main part of the creek and on the bench on the NW part of the Middle Mamm Creek part of the perimeter.</p> <p>On the northernmost area of perimeter, one area of intense heat and a couple of isolated heat sources were detected on the SE and east facing slopes in the Middle Mamm Creek drainage. The majority of the heat was on the west side of the ridge, in the upper part of the Gant Gulch drainage. The small amounts of growth were on the northern edge of the perimeter.</p> <p>Questions/Comments – Contact the interpreter through the contact info above.</p>			