

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Pine Gulch CO-GRD-000307	IR Interpreter(s): Elise Bowne (303) 517-7510	Local Dispatch Phone: Grand Junction Interagency Dispatch 970-257-4800	Interpreted Size: 36,441 Acres Growth: 7028 ac since last NIROPS flight 1485 acres since MMA
Flight Time: 0051 MDT Flight Date: 8/11/2020	Interpreter(s) location: Lakewood, CO. Interpreter(s) Phone: 303-517-7510 (cell)	GACC IR Liaison: Elise Bowne GACC IR Liaison Phone: 303-517-7510	National Coordinator: National Coord. Phone:
Ordered By: SITL – RM Black Team	A Number: 94	Aircraft/Scanner System: N149Z / Phoenix	Pilots/Techs: Boyce, Helquist / Mann
IRIN Comments on imagery: Imagery was clear, with slight issues with orthorectification. Two images		Weather at time of flight: Clear	Flight Objective: Map heat perimeter, and heat sources.
Date and Time Imagery Received by Interpreter: 8/11/2020 at 0200 MDT		Type of media for final product: Shapefiles, KMZ, PDF map, and IRIN Log	
Date and Time Products Delivered to Incident: 8/11/2020 at 00445 MDT		Digital files sent to: NIFC FTP @ https://ftp.nifc.gov/public/incident_specific_data/rocky_mt/2020/PineGulch/IR/	
<p>Comments /notes on tonight's mission and this interpretation:</p> <p>Used MMA perimeter from 8/10/2020 at 2000 MDT as a starting point for tonight's interpretation. Again, Aircell dead spot caused delay in receiving the data, though not as bad as last night.</p> <p>Lots of heat and perimeter growth to the north and northeast tonight, with intense heat jumping across Middle Dry Fork and North Dry Fork near the confluence of Middle and North Dry Forks. Heat is well established on the north side of Kimball Creek, with the heat reaching the top of the mesa/ridge to the north, and backing down in to north-facing slopes in the Roan Creek drainage.</p> <p>On the NE of the incident, the heat continues to move to the east, both down near the road, mid-slope and along the ridge. There were a number of heat sources detected along the road going SE out of the Dry Fork Drainage about two miles outside the perimeter. There were light heat signatures along the road closer to the perimeter. These were symbolized differently on the map and included as a separate shape file. The lat/longs for the areas that were definitely heat are on the map, and here: 39° 23.997'N x 108° 22.983'W, 39° 23.825'N x 108° 22.747'W 39° 23.786'N x 108° 22.746'W</p> <p>The south side of the perimeter is generally cool, with only isolated and scattered heat. On the very westernmost part of the perimeter, intense heat was detected backing into the unnamed drainage to the west that drains into Ruby Reservoir.</p> <p>The heat source to the SW of the fire that was mapped two nights ago, continues to be detected. This time there was an additional heat source associated with a structure farther north. The lat/longs were 39° 21.459'N x 108° 36.918'W and 39° 19.77'N x 108° 35.388'W. These were not included in any of the shapefiles.</p> <p>Questions, comments, please contact the IR interpreter via the contact info above.</p>			