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:** 68,323 Acres **Growth:** 17,374 ac since last NIROPS flight (on 8/12) 1,034 acres since MMA
Flight Time: 0018 MDT **Flight Date:** 8/13/2020	**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:** Tom Mellin
Ordered By: SITL – RM Black Team	**A Number:** 105	**Aircraft/Scanner System:** N149Z / Phoenix	**Pilots/Techs:** Boyce, Helquist / Mann
IRIN Comments on imagery: Imagery was clear, with slight issues with orthorectification. Three images		**Weather at time of flight:** Clear	**Flight Objective:** Map heat perimeter, and heat sources.
Date and Time Imagery Received by Interpreter: 8/13/2020 at 0220 MDT **Date and Time** Products Delivered to Incident: 8/13/2020 at 0445 MDT		**Type of media for final product:** Shapefiles, KMZ, PDF map, and IRIN Log **Digital files sent to: NIFC FTP @** https://ftp.nifc.gov/public/incident_specific_data/rocky_mtn/2020/PineGulch/IR/	

Comments /notes on tonight's mission and this interpretation:

Used MMA perimeter from 8/12/2020 pm as a starting point for tonight's interpretation.

The majority of the heat perimeter growth in the last 24 hours has been to the north and to the east. The southernmost part of the incident along the Corcoran Wash road continues to cool, with no growth. Some interior isolated heat sources have not been mapped. One of the larger sources of growth since the evening MMA flight is due to the intense heat on the west-facing slope of the ridge west of Willow Spring, north of the South Dry Fork in sections 9 and 10. The heat burned together and closed off the drainage that was previously unburned. That area is now included within the perimeter.

The southernmost part of the incident north of Corcoran Wash continues to cool. To the northwest, there is intense heat continuing to back down the west-slope above Ruby Reservoir from the Middle Dry Fork. Further north, the heat continues to back down into the North Dry Fork drainage on the west end of the fire, and to the NE there is intense heat continuing to move to the west and north down into Kimball Creek near Myser Spring. There are several isolated areas of intense heat out ahead of the fire, but still south of Kimball Creek. Along the western perimeter just north of Kimball Creek, there is an area of the perimeter from the MMA flight that doesn't appear to have any heat in it (section 1). The perimeter was left where it was, and heat mapped where it was seen.

There are several fingers of intense heat back down the north facing slope of the ridge near all the springs (Barrel, Wire, East, McMullin) toward Roan Creek. This is west of where the burnout was along the road in Roan Creek. The majority of the area down in the creek bottom has cooled and very little heat was detected in the area. To the east, where the small area of heat perimeter north of the road at the confluence of Roan and Clear Creeks, there were three isolated heat sources detected in that small protrusion.

The easternmost portion of the heat perimeter continues to grow a bit with intense heat where it is backing down the hill toward the road. The ridge to the south has just isolated heat, though some of it appears to be moving downslope from where it was previously detected. This is north of the strip of perimeter along the road in North Dry Fork that is east of the main perimeter.

Questions, comments, please contact the IR interpreter via the contact info above.