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:** 23,054 Acres **Growth:** 2935 ac since last NIROPS flight
Flight Time: 2008 MDT **Flight Date:** 8/08/2020	**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:** 75	**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: 8/08/2020 at 2230 MDT		**Type of media for final product:** Shapefiles, KMZ, PDF map, and IRIN Log	
Date and Time Products Delivered to Incident: 8/09/2020 at 0015 MDT		**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 last night's IR perimeter as a starting point for tonight's interpretation, due to getting IR data before the MMA perimeter. Examination of the MMA perimeter revealed the mapping was out ahead of where the fire was at flight time for NIROPS. Flight crew says they will try to fly Pine Gulch later tomorrow. Once again had trouble getting data off the aircraft, receiving the last of it at 2230, more than 2 hours after the passes were complete.

Areas of growth tonight were:

- Along the south edge where the burnout appears to be completed and tied into the main perimeter.
- No heat detected south of the road in Corcoran Wash.
- On the west, appeared to be a burnout south of the road in McKay Fork and appeared to be holding at flight time. To the north of the road in McKay Fork, intense heat continues to move westward.
- Along the ridge to the south of the road in Middle Dry Fork, the intense heat continues to back down the slope toward the road.
- To the east of the North and Middle Dry Fork confluence, the heat is down to the stream bed in places, with intense heat mostly on the western most area, and quiet along the rest.
- Where the incident moved across the road to the north, the intense heat is backing down to the NE from the ridge into Kimball Creek, with very intense heat as of flight time.
- An arm of the fire is also moving to the NW along the side slope on the northernmost part of the incident.
- There is a large area that filled with intense and scattered heat on the east side of the north part of the incident. The entire side drainage there is now within the perimeter, and the heat is backing down into the next side drainage, with an isolated area of heat downhill from the main perimeter.
- Some areas of heat and small growth were mapped along the rest of the eastern perimeter.

There is an area on the NE part of the incident where no data was available tonight, as the amount of heat caused some sensor anomalies. That area has a shape file covering it. Continuity is from interpolation.

A single possible heat source was mapped and included on the map with its coordinates, but it seems to be associated with a structure – this was included out of an abundance of caution, and is a separate shape file. 39 19.759 N x 108 35.379 W

The center of the fire and along the SE perimeter are cooling, so that only isolated heat sources remain.

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