

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Spring Creek CO-CTX-001266	IR Interpreter(s): Elise Bowne	Local Dispatch Phone: 719-553-1600 Pueblo Dispatch	Interpreted Size: 107.627 Acres approx. – from IR Growth last period: 320 Acres
Flight Time: 2049 Hours MDT	Interpreter(s) location: Lakewood, CO	GACC IR Liaison: Elise Bowne	National Coordinator:
Flight Date: July 8, 2018	Interpreter(s) Phone: 303-517-7510	GACC IR Liaison Phone: 303-275-5209	National Coord. Phone:
Ordered By: SITL	A Number: 137	Aircraft/Scanner System: N149Z/Phoenix	Pilots/Techs: Netcher/Boyce/Josh
IRIN Comments on imagery: Flown N/S tonight. Very clear imagery, slight orthorectification issues		Weather at time of flight: Mostly clear	Flight Objective: Map heat perimeter and heat
Date and Time Imagery Received by Interpreter: July 8, 2018 @ 2115 hours MDT		Type of media for final product: Shapefiles (4), 2 Maps, IR Log and KMZ	
Date and Time Products Delivered to Incident: July 9, 2018 @ 0200 hours MDT		Digital files sent to: https://ftp.nifc.gov/public/incident_specific_data/rocky_mtn/2018/SpringCreek/IR/20180709/ copy and paste into browser	

Comments /notes on tonight's mission and this interpretation

Started interpretation from perimeter supplied by the incident via FTP site, it was in UTM zone 13, NAD 83 coordinate system

There were several small areas of heat perimeter growth detected tonight, most of these were on the NW portion of the incident.

There was also an area of heat perimeter growth and intense heat detected just west of McCarty Park on the west side of the incident. The heat was down to the creek bottom for West Indian Creek in that location and did not appear to have crossed the creek at flight time. Around the corner to the NE, the heat was also down to the creek bottom on the North Fork of the creek. It was more difficult to tell exactly where that area of intense heat was located, and it appeared the heat was close to crossing the creek bottom to the east. This is likely just to flame height and the angle of the sensor.

On the west side of the incident directly on the north side of Hwy 160 by North La Veta pass, there were many small areas of intense heat, and many areas of scattered heat.

The heat is continuing to back down into Stearns Gulch to the south of Iron Mountain. Although more areas of isolated heat were detected tonight, all the heat still appears to be east of the creek in section 7.

To the north of Iron Mountain, the heat is backing into the top of the Palo Duro Creek drainage, with some areas of intense heat and isolated areas of heat. There are three tributaries that show on the map, with the eastern most one at a much higher elevation than the others. The heat is on both sides of that tributary drainage. The heat has sloped over the edge of that side drainage into the top west-facing part of the main drain for Palo Duro Creek. That isolated heat area there has increased in size and heat intensity.

The areas of heat perimeter increase are on the flanks of Sheep Mountain, with the intense heat backing down into Spring Branch drainage, and also moving up toward the top of the mountain on the NE part of the mountain and the south part.

Questions/Comments – contact Elise Bowne at 303-517-7510