

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: 103,357 Acres approx. – from IR Growth last period: 7,618 Acres
Flight Time: 0046 Hours MDT	Interpreter(s) location: Lakewood, CO	GACC IR Liaison: Elise Bowne	National Coordinator:
Flight Date: July 5, 2018	Interpreter(s) Phone: 303-517-7510	GACC IR Liaison Phone: 303-275-5209	National Coord. Phone:
Ordered By: SITL	A Number: 116	Aircraft/Scanner System: N149Z/Phoenix	Pilots/Techs: Johnson/Boyce/Josh
IRIN Comments on imagery: Flown N/S tonight. Cloud cover on N and S parts of the incident.		Weather at time of flight: Partly cloudy	Flight Objective: Map heat perimeter and heat
Date and Time Imagery Received by Interpreter: July 5, 2018 @ 0115 hours MDT		Type of media for final product: Shapefiles (4), 2 Maps, IR Log and KMZ	
Date and Time Products Delivered to Incident: July 5, 2018 @ 0430 hours MDT		Digital files sent to: https://ftp.nifc.gov/public/incident_specific_data/rocky_mtn/2018/SpringCreek/IR/20180705/ copy and paste into browser	

Comments / notes on tonight's mission and this interpretation

More cloud cover tonight. Unfortunately it was over the areas of the fire of great concern, including the entire northern part of the incident and also the SE near Cuchara.

The majority of the heat perimeter growth tonight was on the north end of the fire, moving to the west. The heat was intense enough to show through the clouds, and the clouds were thinner on the third pass, which was the furthest west. There was some heat showing through the thick cloud cover over Sheep Mountain and it appeared that the heat was moving up the east facing slopes on the east side of the mountain. Both the heat and the growth are likely more extensive than what was mapped, as the clouds obscured the ground completely in that area. On the southwestern part of Sheep Mountain, there was no heat poking through the clouds, but the fire may have moved up the west facing slope of the mountain – it was not detected tonight.

Intense heat has moved to the west and moved through both the Spring Branch and the main branch/drainage of Pass Creek. The heat moved past the ridge running N/S from Iron Mountain to the west of Pass Creek and many, many isolated heat sources were detected ahead of the main body of the heat. Where they were close enough together, they were included in the main perimeter. The heat is established in the upper part of Palo Duro Creek and has moved back into Costilla county over the top of Iron Mountain.

Further south, intense heat is west of Pass Creek Pass, and is well established in McDowell Park, though an area to the east just to the west of North La Veta Pass was obscured by clouds and it is not clear if unburned fuels remain in that area.

There were areas of heat perimeter growth to the south along the western perimeter, first at the top of the peak above the former ski lift to the south of La Veta Pass.

The heat continues to back down into West Indian Creek east of McCarty Park, but is still north of the creek.

Intense moved downslope and to the west in section 34, above Bend Creek, less than a mile north of Cuchara.

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