

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: 94,093 Acres approx. – from IR Growth last period: 15,154 Acres
Flight Time: 2137 Hours MDT	Interpreter(s) location: Lakewood, CO	GACC IR Liaison: Elise Bowne	National Coordinator:
Flight Date: July 3, 2018	Interpreter(s) Phone: 303-517-7510	GACC IR Liaison Phone: 303-275-5209	National Coord. Phone:
Ordered By: SITL	A Number: 112	Aircraft/Scanner System: N149Z/Phoenix	Pilots/Techs: Johnson/Boyce/Josh
IRIN Comments on imagery: Flown N/S tonight. Cloud cover on NE part 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 03, 2018 @ 2330 hours MDT		Type of media for final product: Shapefiles (4), 2 Maps, IR Log and KMZ	
Date and Time Products Delivered to Incident: July 04, 2018 @ 0330 hours MDT		Digital files sent to: https://ftp.nifc.gov/public/incident_specific_data/rocky_mtn/2018/SpringCreek/IR/20180704/ copy and paste into browser	
Comments /notes on tonight's mission and this interpretation			
<p>On the last run of the night, on the NE part of the incident, there was cloud cover. The clouds absorb all but the hottest of infrared radiation, so there may be additional heat on the ground in the area marked having been covered by clouds. Additionally, there was a possible heat source on the far eastern part of the fire outside the perimeter. It appeared to be in a field to the north of the arm that sticks out to the east in the middle portion of the incident in section 23, in the unnamed draw to the SE of Poison Canyon, dumping into Middle Creek</p> <p>The majority of the heat perimeter growth tonight was on the north end of the fire, moving to the north. The heat was on the north side of Silver Mountain and reached almost to the north end of Sheep Mountain. The area just to the north of North La Veta Pass on Hwy 160 went from moderate growth last night, with just a few heat sources, to a large area of over 700 acres, of intense and scattered heat. The heat is on both sides of Yellowstone Creek.</p> <p>The area to the east, show growth to the perimeter coming from the incident, but that is where the clouds were the thickest, and it was possible to determine the extent of of the growth or how much heat was there.</p> <p>The south end of the incident also showed growth, though less that last night. As of flight time, the heat appeared to still be west of Hwy 12, and north of Cuchara. The intense heat was within a mile of the community of Cuchara.</p> <p>Around to the west, the fire continues to back down the ridges ever so slightly, along the county line. To the west of McCarty Park, there is very slight heat perimeter increase as the fire backs down the hill toward West Indian Creek. The area in Bear Creek appeared to be cooler tonight.</p> <p>Due to time constraints, not all the isolated heat sources inside the perimeter were mapped, but those close to edge of the heat perimeter were mapped.</p> <p>Questions/Comments – contact Elise Bowne at 303-517-7510</p>			