

## INFRARED INTERPRETER'S DAILY LOG

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| <b>Incident Name:</b><br>Spring Creek<br>CO-CTX-001266  | <b>IR Interpreter(s):</b><br>Elise Bowne        | <b>Local Dispatch Phone:</b><br>719-553-1600<br>Pueblo Dispatch  | <b>Interpreted Size:</b><br>105,060 Acres approx. – from IR<br><b>Growth last period:</b> 1,703 Acres |
| <b>Flight Time:</b><br>2218 Hours MDT   | <b>Interpreter(s) location:</b><br>Lakewood, CO | <b>GACC IR Liaison:</b><br>Elise Bowne   | <b>National Coordinator:</b>  |
| <b>Flight Date:</b><br>July 5, 2018   | <b>Interpreter(s) Phone:</b><br>303-517-7510    | <b>GACC IR Liaison Phone:</b><br>303-275-5209  | <b>National Coord. Phone:</b>   |
| <b>Ordered By:</b><br>SITL  | <b>A Number:</b><br>133                         | <b>Aircraft/Scanner</b><br><b>System:</b> N149Z/Phoenix  | <b>Pilots/Techs:</b><br>Johnson/Boyce/Josh  |
| <b>IRIN Comments on imagery:</b><br>Flown N/S tonight. Throughout incident and also evidence of lots of moisture in air or on the ground  |   | <b>Weather at time of flight:</b><br>Partly cloudy   | <b>Flight Objective:</b><br>Map heat perimeter and heat   |
| <b>Date and Time Imagery Received by Interpreter:</b><br>July 5, 2018 @ 2300 hours MDT  |   | <b>Type of media for final product:</b><br>Shapefiles (6), 2 Maps, IR Log and KMZ  |   |
| <b>Date and Time Products Delivered to Incident:</b><br>July 6, 2018 @ 0400 hours MDT   |   | <b>Digital files sent to:</b><br><a href="https://ftp.nifc.gov/public/incident_specific_data/rocky_mtn/2018/SpringCreek/IR/20180706/">https://ftp.nifc.gov/public/incident_specific_data/rocky_mtn/2018/SpringCreek/IR/20180706/</a> copy and paste into browser |   |
| <b>Comments /notes on tonight's mission and this interpretation</b>   |   |  |   |
| <p>More cloud cover tonight. Clouds were mapped and the shapefile provided in order to show the areas that were not visible to the interpreter tonight. Also, a new shapefile of "potential heat sources." Many were screened out as cloud artifacts, but those that were uncertain are included.</p> <p>The majority of the heat perimeter growth tonight was on the north end of the fire, moving to the north and south. There was an arm of intense heat detected on the west side of Sheep Mountain. The part of the incident that has moved into Palo Duro drainage, didn't show as much growth tonight, but with a few more isolated heat sources outside the heat perimeter on the west, some growth to the south by the confluence of Stearns Gulch and Sangre de Cristo Creek of and a small amount to the north. McDowell Park just west of North La Veta Pass on Hwy 160 appears to have filled in with heat, some of it intense.</p> <p>To the SW, small amounts of backing and growth on the north banks of West Indian Creek</p> <p>On the NE part of the incident, there was some intense heat showing through the clouds in the area just east of Silver Mountain, with an "arm" of the perimeter developing just south of Dog Springs. North of here, there was a small area of growth that is moving toward the road to the north.</p> <p>With the moisture in the air/ground and cloud cover above, the heat was less than on previous nights.</p> <p>The Event feature service (GISS Edit feature service was brought in for comparison while trying to figure out some issues of perimeter shift) had a different perimeter, that the one furnished to me by the GISS – label read 20180706_1700, and shows growth in areas that are not on the IRIN perimeter. Need to resolve that issue.</p> <p>Questions/Comments – contact Elise Bowne at 303-517-7510</p> |   |  |   |