

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> Terek WY-WBD-000306	<b>IR Interpreter(s):</b> Elise Bowne	<b>Local Dispatch Phone:</b> 307-578-5740 Cody Dispatch	<b>Interpreted Size:</b> 44718 estimated Acres by IR <b>Growth last period:</b> NA
<b>Flight Time:</b> 0114 Hours MDT	<b>Interpreter(s) location:</b> Lakewood, CO	<b>GACC IR Liaison:</b> Elise Bowne	<b>National Coordinator:</b>
<b>Flight Date:</b> July 10, 2018	<b>Interpreter(s) Phone:</b> 303-517-7510	<b>GACC IR Liaison Phone:</b> 303-275-5209	<b>National Coord. Phone:</b>
<b>Ordered By:</b> Dispatch	<b>A Number:</b> 15	<b>Aircraft/Scanner</b> <b>System:</b> N149Z/Phoenix	<b>Pilots/Techs:</b> Netcher/Johnson/Josh
<b>IRIN Comments on imagery:</b> Orthorectification was off a lot, imagery was pretty clear		<b>Weather at time of flight:</b> Clear, some high clouds	<b>Flight Objective:</b> Map heat perimeter and heat
<b>Date and Time Imagery Received by Interpreter:</b> July 10, 2018 @ 0145 hours MDT		<b>Type of media for final product:</b> Shapefiles (4), Map, IR Log and KMZ	
<b>Date and Time Products Delivered to Incident:</b> July 10, 2018 @ 0520 hours MDT		<b>Digital files sent to:</b> <a href="https://ftp.nifc.gov/public/incident_specific_data/rocky_mtn/2018/Terek/IR/20180710/">https://ftp.nifc.gov/public/incident_specific_data/rocky_mtn/2018/Terek/IR/20180710/</a> (copy and paste to browser)	

### Comments / notes on tonight's mission and this interpretation

This was a first look at the incident with IR.

There were some high clouds on the southeast that may have added some false heat sources.

The heat perimeter is a SWAG, as it was not possible to tell reliably where the fire had burned in the light fuels unless there was residual heat. There were areas of intense heat mapped, along with some areas of scattered heat, and many isolated heat sources. There was heat right up against Highway 31, but as of flight time all the detected heat was on the south side of the highway.

The heat perimeter is very much just an estimate. All the heat that was obviously associated with the fire was included within the heat perimeter, but there were heat sources detected in the south where it was unclear if they were from the fire or from something else. There may also be areas within the mapped estimated perimeter that were not burned. There were a number of heat sources on the south part of the box flown that appeared to be associated with oil/gas wells and production. Where it was possible to tell what these were, they were not included in the data or on the map

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

QR Code for the map:

