

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> Beaver Creek CO-RTF-000088	<b>IR Interpreter(s):</b> Elise Bowne	<b>Local Dispatch Phone:</b> 970-826-5037 Craig Dispatch	<b>Interpreted Size:</b> 24,798 Acres <b>Growth last period:</b> 1,913 Acres
<b>Flight Time:</b> 0102 Hours MDT <b>Flight Date:</b> July 18, 2016	<b>Interpreter(s) location:</b> Lakewood, CO <b>Interpreter(s) Phone:</b> 303-517-7510	<b>GACC IR Liaison:</b> Melinda McGann <b>GACC IR Liaison Phone:</b> 303-275-5211	<b>National Coordinator:</b>  <b>National Coord. Phone:</b>
<b>Ordered By:</b> Bruce Farrell	<b>A Number:</b> 89	<b>Aircraft/Scanner System:</b> N144Z/Phoenix	<b>Pilots/Techs:</b> Johnson/Boyce/Kuenzi
<b>IRIN Comments on imagery:</b> High clouds over the east portion of the fire. Orthorectification was better, only a few areas were off.		<b>Weather at time of flight:</b> Moisture in air, partly cloudy	<b>Flight Objective:</b> Map heat perimeter and heat
<b>Date and Time Imagery Received by Interpreter:</b> July 18, 2016 @ 0130 hours MDT		<b>Type of media for final product:</b> Shapefiles (5), Map, IR Log and KMZ	
<b>Date and Time Products Delivered to Incident:</b> July 18, 2016 @ 0430 hours MDT		<b>Digital files sent to:</b> <a href="http://ftp.nifc.gov/Incident_Specific_Data/Rocky_Mtn/2016/BeaverCreek/20160718/IR">http://ftp.nifc.gov/Incident_Specific_Data/Rocky_Mtn/2016/BeaverCreek/20160718/IR</a>	
<b>Comments / notes on tonight's mission and this interpretation:</b> <p>Tonight, high clouds again interfered with detection of the heat on the ground, on the east edge of the fire, in Div P where the burnout was from the previous night. The clouds were very thick, so there is very likely heat on the ground that wasn't picked up and the perimeter location is questionable where under the clouds, especially where no heat was mapped, as water (clouds) absorbs infrared radiation.</p> <p>N part of Div P, the heat down in Sixmile creek, past MAP 3, with a heat source on the N side of the road and the creek. The road and dozer line near Simmons Ranch seemed to be holding, however, the cloud cover was thick and only limited amounts of heat showed through. To the south, although the perimeter is mapped and it seemed that the heat was mainly to the east of the dozer line, it was very cloudy and difficult to pick up heat signatures there. The Waldron Ranch area was completely obscured by clouds.</p> <p>In Div W, near H7 appeared cooler tonight.</p> <p>A large area of heat perimeter growth detected in Div Z tonight on the S side of Republic Creek, though it appeared to be stopping at the road (marked Hill Ranch Boettcher 10 on Ops map). Further west in SW corner section 24, there were striping patterns (burnout?), the heat is backing into the N Platte tributary drain, but still over 1 mile from MAP 12. Some growth of the isolated heat areas between the Big Creek Lakes. Heat perimeter growth and isolated heat areas in Mount Zirkel Wilderness.</p> <p>In Div A, the heat is moving W and S of DP27. Several areas of intense heat and perimeter growth along the NW perimeter with numerous isolated heat areas outside the perimeter in both CO and WY. The most intense heat of the entire incident is between H5 and Wills Reservoir. The heat has gone up and over the ridge there and an isolated area of heat appears to be on the N side of BLM road 2512</p> <p>Questions/Comments – contact Elise Bowne at 303-517-7510</p>			