

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Beaver Creek CO-RTF-000088	IR Interpreter(s): Elise Bowne	Local Dispatch Phone: 970-826-5037 Craig Dispatch	Interpreted Size: 22,885 Acres Growth last period: 591 Acres
Flight Time: 2127 Hours MDT Flight Date: July 16, 2016	Interpreter(s) location: Lakewood, CO Interpreter(s) Phone: 303-517-7510	GACC IR Liaison: Melinda McGann GACC IR Liaison Phone: 303-275-5211	National Coordinator: National Coord. Phone:
Ordered By: Bruce Farrell	A Number: 88	Aircraft/Scanner System: N149Z/Phoenix	Pilots/Techs: Netcher/Lowery/Kuenzi
IRIN Comments on imagery: High clouds over the center portion of the fire, and the orthorectification was off again. Also areas where the scan lines were dropping out the background.		Weather at time of flight: Moisture in air, partly cloudy	Flight Objective: Map heat perimeter and heat
Date and Time Imagery Received by Interpreter: July 16, 2016 @ 2150 hours MDT		Type of media for final product: Shapefiles (5), Map, IR Log and KMZ	
Date and Time Products Delivered to Incident: July 17, 2016 @ 0330 hours MDT		Digital files sent to: http://ftp.nifc.gov/Incident_Specific_Data/Rocky_Mtn/2016/BeaverCreek/20160717/IR	
Comments /notes on tonight's mission and this interpretation: The orthorectification of the imagery was off by quite a bit, between 20 to 40 meters, mostly east and west, but also a bit north and south. Tonight, high clouds again interfered with detection of the heat on the ground, mainly in the center of the fire. The clouds have been mapped and while intense heat appeared to be visible through the clouds, it is likely there was more heat on the ground than detected and mapped, as water (clouds) absorbs infrared radiation. N part of Div P, the heat is backing down the hill toward Sixmile creek, past MAP 3. To the south, intense heat detected along the dozer line N of Waldron Ranch, possibly a burnout operation, with the heat connecting back to the main part of the fire. Further south, there were smaller areas of heat perimeter growth, and a set of heat sources ahead of the main fire in NW quarter of section 12, S of Sugar Loaf, NW of H12. In Div W, there was an area of heat perimeter growth with intense heat east of H7, on either side of Cty Rd 35. The majority of the heat perimeter growth was in Div Z tonight on the north side of Republic Creek (as of flight time). Further west in section 22, and W half of 23, there were areas of intense heat and perimeter growth, but still over 1 mile from MAP 12. Some growth of the isolated heat areas between the Big Creek Lakes, and to the west in Mount Zirkel Wilderness. In Div A, the heat is backing into the marshy area W of DP27. The heat is moving uphill between roads 681.1 and 680.1. There are small areas of intense heat and perimeter growth to the north of Cty Rd 80 (?) near the state line. Heat perimeter growth with some intensity continues on the Wyoming site, mainly to the west and northwest. The heat areas along Albert Clauson Ditch appear to be growing slightly, though the area has been under clouds during both of the last IR flights, as has most of the north edge of the central part of the incident. Some areas of growth between H5 and Wills Reservoir. Questions/Comments – contact Elise Bowne at 303-517-7510			