

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> Highway 200 Complex (MT-LNF-005283) Includes: Reader (MT-KNF-000226) Deep Creek (MT-LNF-005302) Sheep Gap (MT-LNF-005283) Cub Creek Moose Peak (MT-KNF-000225) McCully (MT-NWS-704008) Reader 2 Miller Peak	<b>IR Interpreter(s):</b> Maximillian Wahlberg <a href="mailto:mwahlberg@fs.fed.us">mwahlberg@fs.fed.us</a>	<b>Local Dispatch Phone:</b> Missoula Dispatch (406-829-7070) & Kootenai Dispatch	<b>Interpreted Size:</b> 9,633 acres (total complex combined) <b>Growth last period:</b> 5,637 (all fires combined; individual fire accounting in comments below)
<b>Flight Time:</b> 0034 MDT <b>Flight Date:</b> 9/3/2017	<b>Interpreter(s) location:</b> Portland, OR <b>Interpreter(s) Phone:</b> 928-273-0779	<b>GACC IR Liaison:</b> Tim Stauffer <b>GACC IR Liaison Phone:</b> 406-529-6366	<b>National Coordinator:</b> Jan Johnson <b>National Coord. Phone:</b> 208-387-5900
<b>Ordered By:</b> Connel IMT2 Situation Unit (973-907-4694)	<b>A Number:</b> A-29	<b>Aircraft/Scanner System:</b> N144z / Phoenix	<b>Pilots/Techs:</b> <b>N144Z Flight Crew</b> Pilot: Don Pilot: Johnson Tech: Kaz
<b>IRIN Comments on imagery:</b> Three scans, all clean of clouds. The main strip that runs NE/SW cuts off the southeast corner of some scan boxes and put some fires, especially Deep Creek on the image edge where pixel distortion and latticing were problematic. Areas within the scan box that were not flown are denoted as "No Data"		<b>Weather at time of flight:</b> Clear	<b>Flight Objective:</b> Map heat perimeter, intense heat, scattered heat, and isolated heat
<b>Date and Time Imagery Received by Interpreter:</b> 9/3/17 @ 0132 MDT		<b>Type of media for final product:</b> Shapefiles, PDF Map, KMZ, IR Daily Log	
<b>Date and Time Products Delivered to Incident:</b> 9/3/17 @ 0500 MDT		<b>Digital files sent to:</b> NIFC FTP: <a href="http://ftp.nifc.gov/incident_specific_data/n_rockies/2017_fires/2017_Hwy200_Complex/IR/20170903/">http://ftp.nifc.gov/incident_specific_data/n_rockies/2017_fires/2017_Hwy200_Complex/IR/20170903/</a>	

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

This mission included multiple fires being managed under the Highway 200 Complex. Many fires were very active and displayed intense heat and multiple spot fires. **Previously unmapped (new) fires were detected tonight (Labeled Unk 8, located at 47° 36' 18.11" N 115° 36' 22.92" W.** Descriptions of individual fires are included below.

*Be advised, areas where data does not exist are labeled "no data" and these areas may contain undetected heat.*

Fire Name	8/3 IR Acres	Growth This Period
Sheep Gap	4,706	+ 2464
Deep Creek	2,242	+ 1709
Cub Creek	1,067	+ 696
Moose Peak	678	+ 444
McCully	570	+ 204
Miller Peak	190	+ 106
Reader	98	+ 3
Reader 2	46	+ 2
Unk 1	12	0
Unk 2	12	+ 7
Unk 3	6	0
Unk 5	3	0
Unk 6	1	0
Unk 7	<1	0
Unk 4	<1	0
Unk 8	<1	+ <1

**Sheep Gap** – Significant growth was detected in all directions, with the largest gains occurring to the east and south along with intense heat. To the east, the fire has advanced ½ mile from yesterday's IR and appears to have crossed the forest boundary adjacent to Swamp Lake. Multiple spot fires were detected east of the main fire in the Swamp lake area. To the south, the fire is now well established in the upper Dry Fork Creek Drainage east of Sacajawea Peak.

**Deep Creek** – Deep Creek quadrupled in size, pushing 1.5 miles to the east. The southeast portion of this fire fell on the edge of the imagery, making interpretation somewhat difficult due to distorted pixels and image latticing. The fire appears to have crossed some switchbacks of the 403 road below Cougar Peak and intense heat was mapped directly adjacent to the Cougar Peak Lookout. In the east, the fire is now well established on all sides of Graves Peak. No fire was detected north of Deep Creek.

**Cub Creek** – Cub Creek more than doubled in size, making a significant run to the east. Multiple polygons of intense heat were mapped on the northwest, south and east sides of Haines Point. The fire is well established on both sides of the 2265 road. The western fire perimeter remains largely unchanged.

**McCully** – this fire showed growth and intense heat to the north where it advanced 4/10 of a mile since last night.

**Moose Peak** – Moose Peak mad a significant run to the northeast, crossing both Blacktail Creek and the Fisher River / Cabinet Ranger District Boundary. Intense heat was mapped throughout the area of growth, and the fire is now well established on the east side of point 5090 as is within 102 mile of Sylvan and Miller Lakes.

**Reader** – Limited growth with only scattered heat detected.

**Miller Peak** – growth to the south, east and northeast was mapped, along with intense heat in areas of expansion. The fire remains north of Happy Gulch and west of the Vermillion River.

**Reader 2** – Limited growth observed with a small pocket of intense heat in the north, and scattered heat to the east.