

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> Sapphire Complex (Goat Creek, Little Hogback, and Slide rock) MT-LNF-001463	<b>IR Interpreter(s):</b> Howard Harrison	<b>Local Dispatch Phone:</b> Missoula Dispatch Center 406.829.7070	<b>Interpreted Size:</b> 9,072 acres <b>Growth since last IR                  Perimeter:</b> 2,348 acres
<b>Flight Time:</b> 2158 MDT <b>Flight Date:</b> 07/27/2017	<b>Interpreter(s) location:</b> Tillamook, OR <b>Interpreter(s) Phone:</b> 503.801.3581	<b>GACC IR Liaison:</b> Tim Stauffer <b>GACC IR Liaison Phone:</b> 406.529.6366	<b>National Coordinator:</b> Melinda McGann <b>National Coord. Phone:</b> 208.870.5066
<b>Ordered By:</b> Cameron Rasor (SITL) 406.491.0351	<b>A Number:</b> 10	<b>Aircraft/Scanner System:</b> N144Z / Phoenix	<b>Pilots/Techs:</b> Pilot: Nelson Pilot: Netcher Tech: Kaz
<b>IRIN Comments on imagery:</b> No issues with imagery		<b>Weather at time of flight:</b> Partial cloud cover, varied with boxes	<b>Flight Objective:</b> Identify and map Heat perimeter, Scattered Heat and Isolated Heat Sources
<b>Date and Time Imagery Received by Interpreter:</b> 07/27/2017 – 2215 MDT		<b>Type of media for final product:</b> Shape files, KMZ, PDF, and IRIN Log	
<b>Date and Time Products Delivered to Incident:</b> 07/28/2017 – 0300 MDT		<b>Digital files sent to:</b> <a href="ftp.nifc.gov/incident_specific_data/n_rockies/2017_fires/incident_specific_data/n_rockies/2017_fires/2017_SapphireComplex/20170728">ftp.nifc.gov/incident_specific_data/n_rockies/2017_fires/incident_specific_data/n_rockies/2017_fires/2017_SapphireComplex/20170728</a>	
<b>Comments /notes on tonight's mission and this interpretation:</b>  <p><i>Little Hogback</i> used IR perimeter 20170725@2352 - 3,416 acres. New perimeter 4,018 acres. Increase of 602 acres. Light cloud cover did not impair interpretation. Pockets of intense heat along western and southern perimeter. Growth is primarily to the east above Badger Gulch. There is scattered heat throughout the eastern portion of the fire. Two isolated heat sources detected outside east perimeter.</p> <p><i>Goat Creek</i> used IR perimeter 20170726@0001 - 2,805 acres. New perimeter 4,541 acres. Increase of 1,736 acres. Most of the growth in the perimeter is to the north. However, there is an area of scattered heat just north of Quigley. Partial cloud cover obscured eastern and northern perimeters but heat was still detectable. Isolated heat sources detected outside perimeter, approximately 7 miles to the SW, on ridge between Carron and Cinnabar Creeks. These are not shown on map but are in the isolated heat source shapefile.</p> <p><i>Sliderock</i> used IR perimeter 20170725@2358 - 503 acres. New perimeter 513 acres. Increase of 10 acres. Clouds obscured nearly the entire fire. Isolated heat sources were detected but none outside the perimeter. There was one area of scattered heat just north of Sliderock Mountain.</p>			