

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Shoshone Lake WY-SHF-000305	IR Interpreter(s): Elise Bowne	Local Dispatch Phone: 307-578-5740 Cody Dispatch	Interpreted Size: 38 Acres Growth last period: N/A
Flight Time: 2247 Hours MDT Flight Date: July 20, 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: Shoshone NF	A Number: 16	Aircraft/Scanner System: N144Z/Phoenix	Pilots/Techs: Boyce/Lowery/Kazimir
IRIN Comments on imagery: Good imagery, but orthorectification was off a tiny bit.		Weather at time of flight: Clear	Flight Objective: Map heat perimeter and heat
Date and Time Imagery Received by Interpreter: July 20, 2016 @ 2300 hours MDT		Type of media for final product: Shapefiles (5), Map, IR Log and KMZ	
Date and Time Products Delivered to Incident: July 21, 2016 @ 0030 hours MDT		Digital files sent to: http://ftp.nifc.gov/Incident_Specific_Data/Rocky_Mtn/2016/S_hoshoneLake/IR/20160721	
Comments /notes on tonight's mission and this interpretation:			
<p>There were a number of isolated heat areas and/or heat sources to the north and east of the main perimeter. It could be that these are connected to the main fire under the canopy, but it was not possible to tell. There is a bit of intense heat, mainly in the center of perimeter.</p> <p>In addition to isolated heat sources located near the perimeter, there was one possible heat source between the heat perimeter and the lake. It was a faint signal, so it could be something else. It is in a shapefile by itself, labeled possible heat sources, and it is portrayed on the map with a blue triangle.</p> <p>Finally, there were 4 heat sources located around the Cyclone Basin area below the Shoshone Lake dam. Most likely these are campfires, but they did trigger the fire algorithm from the IR scanning equipment.</p> <p>The lat/longs for all the isolated heat sources and the one possible heat source are attached to the points, in the attribute table. They are in NAD83 datum and in the decimal degrees format.</p> <p>Questions/Comments – contact Elise Bowne at 303-517-7510</p>			