

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> Woodtick ID-SCF-022097	<b>IR Interpreter(s):</b> Chad Horman <a href="mailto:chad.horman@usda.gov">chad.horman@usda.gov</a>	<b>Local Dispatch Phone:</b> Central Idaho Dispatch 208-758-5157	<b>Interpreted Size:</b> 1,902 Acres <b>Growth last period:</b> 88 Acres
<b>Flight Time:</b> 2157 MDT <b>Flight Date:</b> 07/28/2022	<b>Interpreter(s) location:</b> Cedar City, UT <b>Interpreter(s) Phone:</b> 435-592-5175	<b>GACC IR Liaison:</b> Nathan Yorganson <b>GACC IR Liaison Phone:</b> Work – (208) 557-5785 Cell – (208) 557-5826	<b>National Coordinator:</b> Tom Mellin <b>National Coord. Phone:</b> Work – (505) 842-3846 Cell – (505) 301-8176
<b>Ordered By:</b> ID-SCF	<b>A Number:</b> A-24	<b>Aircraft/Scanner System:</b> N419Z/Phoenix	<b>Pilots/Techs:</b> Pilots: Helquist/Johnson Tech: Guzman
<b>IRIN Comments on imagery:</b> Color image did not correlate with the ortho and raw heat data over much of the fire area. Color was showing heat well outside of existing perimeter, but that same heat didn't show up in the ortho or raw heat. Mapped incident to ortho and raw heat. Orthorectification was good.		<b>Weather at time of flight:</b> Clear	<b>Flight Objective:</b> Heat Perimeter Detection / Categorizing Heat Intensity
<b>Date and Time Imagery Received by Interpreter:</b> 07/28/2022 @ 2314 MDT		<b>Type of media for final product:</b> Shapefiles, one geodatabase, two pdf maps, kmz file, IRIN log. IR data was posted to IRIN Edit Services (National Incident Feature Service 2022) <b>Digital files sent to:</b> <a href="https://ftp.wildfire.gov/public/incident_specific_data/great_basin/2022_Incidents/2022_Woodtick/IR/20220729">https://ftp.wildfire.gov/public/incident_specific_data/great_basin/2022_Incidents/2022_Woodtick/IR/20220729</a>	
<b>Date and Time Products Delivered to Incident:</b> IR data uploaded to IES: 07/29/ 0121 MDT IR data uploaded to ftp: 07/29/2022 @ 0150 MDT			
<b>Comments /notes on tonight's mission and this interpretation:</b> <ul style="list-style-type: none"> <li>• Started interpretation with Wildfire Daily Perimeter in IVS. Downloaded 07/28/22 @ 1910 MDT.</li> <li>• Fire is most active on the west side. Majority of the 88-acre perimeter growth occurred there, primarily in the bottom southwest corner. The spot fire that was there yesterday merged with the main fire and extended the perimeter by about 1,000 ft south.</li> <li>• There are two active spot fires. One in the middle of the south flank. It has doubled in size. The other is located near the southeast tip of the fires.</li> <li>• Intense heat is located in the areas of perimeter growth.</li> <li>• There are numerous patches of scattered heat. Most are small and mainly occur along the interior of the perimeter.</li> <li>• Two possible heat sources were mapped. One about 0.6 miles south, southwest of the southwest tip and the other is about 1.1 miles south, southeast of the southwest tip. Locations are listed below in the table. There are three points listed by two are very close together.</li> <li>• The provided geodatabase and shapefiles are in in WGS84 decimal degrees, so would be convenient for working in IES and IVS.</li> <li>• Maps are in NAD83 UTM 11.</li> </ul>			

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- Feedback is always appreciated. Please contact the interpreter at the contact information listed above.

FC IR Point Type *	Map Method	Comments	Latitude	Longitude
Possible IR Heat Source	IR Image Interpretation	IR flight 07/28/2022...	44° 49.355' N	114° 37.847' W
Possible IR Heat Source	IR Image Interpretation	IR flight 07/28/2022...	44° 49.355' N	114° 37.814' W
Possible IR Heat Source	IR Image Interpretation	IR flight 07/28/2022...	44° 48.996' N	114° 36.945' W