

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> Spring Creek COGFX-230097	<b>IR Interpreter(s):</b> Hillary Hudson Hillary.hudson@usda.gov	<b>Local Dispatch Phone:</b> Grand Junction Dispatch No phone given on order	<b>Interpreted Size:</b> 2,859 Acres <b>Growth last period:</b> First night
<b>Flight Time:</b> 2215 MDT <b>Flight Date:</b> 6/27/2023	<b>Interpreter(s) location:</b> Santa Fe, NM <b>Interpreter(s) Phone:</b> 928-606-1994	<b>GACC IR Liaison:</b> Elise Bowne <b>GACC IR Liaison Phone:</b> 303-517-7510	<b>National Coordinator:</b> Tom Mellin <b>National Coord. Phone:</b> 505-842-3845
<b>Ordered By:</b> RM CIMT2 (406-321-1114)	<b>A Number:</b> 41	<b>Aircraft/Scanner System:</b> 350FV Tenax	<b>Pilots/Techs:</b> Dan / Ed
<b>IRIN Comments on imagery:</b> Mildly skewed orthorectification that shifts across the image. Georeferencing only seemed to make the problem worse.		<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> 6/27/2023 2230 MDT		<b>Type of media for final product:</b> GDB, Shapefiles, Topo and Ortho Maps, IR Log, KMZ	
<b>Date and Time Products Delivered to Incident:</b> 6/28/2023 0015 MDT		<b>Digital files sent to:</b> incident_specific_data/southwest/GACC_Incidents/2023/2023_SpringCreek/IR/20230628	
<b>Comments / notes on tonight's mission and this interpretation:</b> I began interpretation with the wildfire perimeter in NIFS. I did make some refinements to the perimeter in locations where there wasn't an iota of evidence of heat, thus reducing the perimeter in some locations. It will therefore, in some areas, show that less area was burned than in the wildfire perimeter. I did this because I felt it would improve the accuracy of the perimeter. Almost all the intense heat is located in the northeastern portion of the heat perimeter, however, there are some small pockets of intense heat along the south-central portion of the perimeter that may be difficult to see on large scale maps. Intense heat areas on the northeastern side were slightly "blown out" meaning that the intensity of the heat may have resulted in a less accurate interpretation. Of note are two isolated heat sources outside of the heat perimeter on the eastern end of the fire.			