

## 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> 2,921 Acres  <b>Growth last period:</b> 11 Acres
<b>Flight Time:</b> 2245 MDT  <b>Flight Date:</b> 6/29/2023	<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> 58	<b>Aircraft/Scanner System:</b> 350FV Tenax	<b>Pilots/Techs:</b> Dan / Ed
<b>IRIN Comments on imagery:</b> 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> 6/29/2023 2330 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> 7/1/2023 0100 MDT		<b>Digital files sent to:</b> incident_specific_data/southwest/GACC_Incidents/2023/2023_SpringCreek/IR/20230701	
<b>Comments / notes on tonight's mission and this interpretation:</b> I began interpretation with the IR perimeter from 6/29 since I didn't see any differences between it and the NIFS wildfire perimeter for 6/30. Pockets of intense heat were seen only on the northeastern side of the fire. Of particular note are the three isolated heat sources that I identified outside of the heat perimeter, two on the east side, and one on the north-central side. An examination of orthoimagery did not identify any development or area of human activity that might be associated with those heat sources, so there is evidence of heat outside of the heat perimeter. The increase in acres occurred in the area where intense heat is present.			