

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Spring Creek COGFX-230097	IR Interpreter(s): Hillary Hudson Hillary.hudson@usda.gov	Local Dispatch Phone: Grand Junction Dispatch No phone given on order	Interpreted Size: 2,926 Acres Growth last period: 67 Acres
Flight Time: 2315 MDT Flight Date: 6/28/2023	Interpreter(s) location: Santa Fe, NM Interpreter(s) Phone: 928-606-1994	GACC IR Liaison: Elise Bowne GACC IR Liaison Phone: 303-517-7510	National Coordinator: Tom Mellin National Coord. Phone: 505-842-3845
Ordered By: RM CIMT2 (406-321-1114)	A Number: 52	Aircraft/Scanner System: 350FV Tenax	Pilots/Techs: Dan / Ed
IRIN Comments on imagery: Orthorectification was improved over yesterday evening		Weather at time of flight: Clear	Flight Objective: Heat Perimeter Detection / Categorizing Heat Intensity
Date and Time Imagery Received by Interpreter: 6/29/2023 0030 MDT		Type of media for final product: GDB, Shapefiles, Topo and Ortho Maps, IR Log, KMZ	
Date and Time Products Delivered to Incident: 6/29/2023 0130 MDT		Digital files sent to: incident_specific_data/southwest/GACC_Incidents/2023/2023_SpringCreek/IR/20230629	
Comments / notes on tonight's mission and this interpretation: I began interpretation with the IR heat perimeter from 6/27 since the wildfire perimeter in NIFS hadn't been updated. Patches of intense heat are largely constrained to the northern edge of the heat perimeter which is also where all but a fraction of new acres were added. I did find some isolated heat sources outside of the heat perimeter on the north and east sides. Though the orthorectification is good, it is possible that they are inside of the heat perimeter and slight differences in the rectification across images may have caused them to appear outside of the perimeter. Less scattered heat appears to be in the lowest elevation areas, i.e. canyon bottoms, however, the scattered heat was widespread and those canyon bottoms were included in it. There was a cooler pattern in the bottoms, but it was difficult to separate those areas from within the larger scattered heat polygon.			