

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Pass Fire (NM-GNF-000191)	IR Interpreter(s): Hillary Hudson Hillary.hudson@usda.gov	Local Dispatch Phone: Silver City Dispatch 575-538-5371	Interpreted Size: 59,127 Acres Growth last period: 53 Acres
Flight Time: 2115 MDT Flight Date: 7/1/2023	Interpreter(s) location: Santa Fe, NM Interpreter(s) Phone: (cell/text) 8928-606-1994	GACC IR Liaison: Thomas Mellin GACC IR Liaison Phone: 505-842-3845	National Coordinator: Thomas Mellin National Coord. Phone: 505-842-3845
Ordered By: Silver City Dispatch	A Number: A-53	Aircraft/Scanner System: N350FV/TenaxGDB	Pilots/Techs: Dan
IRIN Comments on imagery Heat is more visible on ortho than color image.		Weather at time of flight: Clear	Flight Objective: Heat Perimeter Detection / Categorizing Heat Intensity
Date and Time Imagery Received by Interpreter: 7/1/2023 2200 MDT		Type of media for final product: GDB, Shapefiles, Topo and Ortho Maps, IR Log, KMZ	
Date and Time Products Delivered to Incident: 07/02/2023 0015 MDT		Digital files sent to: NIFS and WildFire FTP /incident_specific_data/southwest/GACC_Incidents/2023/2023_Pass/IR/20230702	
Comments / notes on tonight's mission and this interpretation: I began interpretation with the IR perimeter from 7/1. Most of the isolated heat sources were identified from the ortho image, feedback on the presence or absence of heat in those areas could help the flight tech calibrate the sensor more accurately. It is possible that the signal for heat is exaggerated in the ortho image since there wasn't any evidence for heat at those locations on the color image. I identified an isolated heat source from the ortho that showed heat well outside of the heat perimeter south of the south-central edge of the fire. Any information on the results of ground truthing in that location would be appreciated.			