

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> Pass Fire (NM-GNF-000191)	<b>IR Interpreter(s):</b> Hillary Hudson Hillary.hudson@usda.gov	<b>Local Dispatch Phone:</b> Silver City Dispatch 575-538-5371	<b>Interpreted Size:</b> 54,454 Acres  <b>Growth last period:</b> 989 Acres
<b>Flight Time:</b> 2245 MDT  <b>Flight Date:</b> 06/24/2023	<b>Interpreter(s) location:</b> Santa Fe, NM  <b>Interpreter(s) Phone:</b> (cell/text) 8928-606-1994	<b>GACC IR Liaison:</b> Thomas Mellin  <b>GACC IR Liaison Phone:</b> 505-842-3845	<b>National Coordinator:</b> Thomas Mellin  <b>National Coord. Phone:</b> 505-842-3845
<b>Ordered By:</b> Silver City Dispatch	<b>A Number:</b> A-45	<b>Aircraft/Scanner System:</b> N350FV/TenaxGDB	<b>Pilots/Techs:</b> Dan
<b>IRIN Comments on imagery:</b> The technician from 350FV reported that they were having issues with their sensor LWIR imagery was poor this evening. I used the orthos for interpretation because the color images had very little contrast.		<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> 06/24/2023 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> 06/25/2023 0145 MDT		<b>Digital files sent to:</b> NIFS and WildFire FTP  /incident_specific_data/southwest/GACC_Incidents/2023/2023_Pass/IR/20230625	
<b>Comments / notes on tonight's mission and this interpretation:</b> Due to the fact that the IR perimeter and the wildfire perimeter were the same, I started with last night's IR perimeter. The majority of the increase in the heat perimeter occurred around the "island" of heat in the south-central area of the perimeter. This is also where the majority of the intense heat was found although there were some small pockets along the southern edge of the main heat polygon just north of the island. The island increased along it's entire perimeter and joined with another existing heat polygon to it's north. The majority of the heat perimeter held little heat except for a few small pockets of intense heat on the interior of the fire. Two isolated heat sources were seen outside of the island's perimeter to the southeast.			