

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Rico Fire NM-LCD-000284	IR Interpreter(s): Hillary Hudson Hillary.hudson@usda.gov	Local Dispatch Phone: Silver City Dispatch 575-538-5371	Interpreted Size: 351 Acres Growth last period: -7 Acres
Flight Time: 2130 MDT Flight Date: 06/25/2023	Interpreter(s) location: Santa Fe, NM Interpreter(s) Phone: 928-606-1994	GACC IR Liaison: Thomas Mellin GACC IR Liaison Phone: 505-842-3845	National Coordinator: Thomas Mellin National Coord. Phone: 505-842-3845
Ordered By: NMSDC	A Number: A-42	Aircraft/Scanner System: N350FV/Tenax	Pilots/Techs: Dan
IRIN Comments on imagery: Orthorectification was off about 20 ft		Weather at time of flight: Clear	Flight Objective: Heat Perimeter Detection Categorizing Heat Intensity
Date and Time Imagery Received by Interpreter: 06/25/2023 2200 MDT		Type of media for final product: GDB, Shapefiles, Topo and Ortho Maps, IR Log, KMZ	
Date and Time Products Delivered to Incident: 06/25/2023 2300 MDT		Digital files sent to: NIFS and Wildfire.gov ftp /Incident_specific_data/southwest/2023_Rico/IR/20230626	
Comments / notes on tonight's mission and this interpretation: I began interpretation using the wildfire perimeter that I copied from NIFS Event Polygon since it had been updated since 6/25's IR. I tried several times to improve the image's georeferencing but was unable to improve upon the fit of the image to referenced imagery layers. This will mean that the location of heat sources will not be exact, however the quantity heat and pattern of distribution of heat will still prove to be useful. Refinement of the northern portion of the wildfire perimeter resulted in a decrease in the heat perimeter. No scattered or intense was seen.			

