INFRARED INTERPRETER'S DAILY LOG

Incident Name: Comanche NM-CAF-000136	**IR Interpreter(s):** Hillary Hudson Hillary.hudson@usda.gov	**Local Dispatch Phone:** Taos Dispatch (575-758-6208)	**Interpreted Size:** 1,284 Acres **Growth last period:** Unknown, no prior perimeter
Flight Time: 2330 MDT **Flight Date:** 6/22/2023	**Interpreter(s) location:** Santa Fe, NM **Interpreter(s) Phone:** 928-606-1994	**GACC IR Liaison:** Tom Mellin **GACC IR Liaison Phone:** 505-842-3845	**National Coordinator:** Tom Mellin **National Coord. Phone:** 505-842-3845
Ordered By: Jim Eaton (505-534-1649)	**A Number:** 6	**Aircraft/Scanner System:** 350FV Tenax	**Pilots/Techs:**
IRIN Comments on imagery: Cloud free but there was some irregular banding in the southeastern quadrant of the southern image.		**Weather at time of flight:** Clear	**Flight Objective:** Heat Perimeter Detection / Categorizing Heat Intensity
Date and Time Imagery Received by Interpreter: 6/22/2023 2330 MDT		**Type of media for final product:** GDB, Shapefiles, Topo and Ortho Maps, IR Log, KMZ	
Date and Time Products Delivered to Incident: 6/23/2023 0430 MDT		**Digital files sent to:** incident_specific_data/southwest/GACC_Incidents/2023/2023_Comanche/IR/20230623	

Comments /notes on tonight's mission and this interpretation:

There wasn't any perimeter in NIFS so I started from scratch. There were some odd bands with the image that may have obscured heat sources (see screenshot below) The heat occurred in patches that made it difficult to discern if the areas between patches had burned and cooled or were unburned. In some areas I felt confident that the patches were discrete, but other areas in the south of the heat perimeter were more difficult to distinguish and so it's possible I may have thought areas had burned when in fact they hadn't. Heat was still visible throughout the perimeter. Intense heat areas appeared to be on the lower side of intense, they were, however, where the hottest parts of the fire were located.