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:** 1,796 Acres **Growth last period:** 512 Acres
Flight Time: 2124 MDT **Flight Date:** 6/23/2023	**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:** 7	**Aircraft/Scanner System:** 350FV Tenax	**Pilots/Techs:**
IRIN Comments on imagery: Cloud free		**Weather at time of flight:** Clear	**Flight Objective:** Heat Perimeter Detection / Categorizing Heat Intensity
Date and Time Imagery Received by Interpreter: 6/23/2023 2200 MDT		**Type of media for final product:** GDB, Shapefiles, Topo and Ortho Maps, IR Log, KMZ	
Date and Time Products Delivered to Incident: 6/23/2023 2330 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:

I began interpretation with a perimeter that I received from Jim Eaton. I am not a GISS and so I'm unable to post the perimeter to NIFS since I do not have edit permission for that data. Heat in the perimeter decreases as you move south so that the coolest part of the fire with scattered heat is in the southern third. I haven't been able to locate an IRWIN id for this fire because the map service for that appears not to be functioning that or there hasn't been any data for 2023 added to it yet. The fire was flown in one pass so there isn't any distortion between images providing a high degree of accuracy in the interpretation. A check of the orthorectification also showed that the image had accurate georeferencing.