INFRARED INTERPRETER'S DAILY LOG

Incident Name: Anvil 2023-ORRSF-000413	**IR Interpreter(s):** Hillary Hudson Hillary.hudson@usda.gov	**Local Dispatch Phone:** Rogue Dispatch (541-618-2505)	**Interpreted Size:** 313 Acres **Growth last period:** 12 Acres
Flight Time: 2115 PDT **Flight Date:** 9/6/2023	**Interpreter(s) location:** Santa Fe, NM **Interpreter(s) Phone:** 928-606-1994	**GACC IR Liaison:** Jim Grace **GACC IR Liaison Phone:** 541-7714521	**National Coordinator:** Kat Sorenson **National Coord. Phone:** 406.499.2701
Ordered By: OR-RSF (541-618-2505)	**A Number:** 54	**Aircraft/Scanner System:** 350SM TK9	**Pilots/Techs:** Mylo
IRIN Comments on imagery: Like last night, a lot of atmospheric haze, unable to check georeferencing because features on the ground were indistinct		**Weather at time of flight:** Hazy	**Flight Objective:** Heat Perimeter Detection / Categorizing Heat Intensity
Date and Time Imagery Received by Interpreter: 9/6/2023 2300 PDT		**Type of media for final product:** GDB, Shapefiles, Topo and Ortho Maps, IR Log, KMZ	
Date and Time Products Delivered to Incident: 9/7/2023 0045 PDT		**Digital files sent to:** /incident_specific_data/pacific_nw/2023_Incidents_Oregon/2023_Anvil_ORRSF000413/IR/20230907	

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

I began interpretation with the previous IR perimeter since I didn't see any differences between it and the NIFS wildfire perimeter. Atmospheric haze made it difficult to see if the georeferencing was good, either that or they really need to clean the lens on the sensor. There were many pixels that showed heat outside of the heat perimeter, those are marked as potential heat, though I suspect that they are the result of noise in the data. 350FV was the only plane in the air this evening and so they flew all the fires. It's possible that having to rush through so many fires compromised the quality of some of the data. The intense heat on the north end of the fire was clearly visible as were the scattered and isolated heats.