

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: 7,681 Acres Growth last period: 1,031 Acres
Flight Time: 1950 PDT Flight Date: 9/16/2023	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: 97	Aircraft/Scanner System: 350SM TK9	Pilots/Techs: Wren
IRIN Comments on image Wonky georeferencing		Weather at time of flight: Clear and cloud-free	Flight Objective: Heat Perimeter Detection / Categorizing Heat Intensity
Date and Time Imagery Received by Interpreter: 9/16/2023 2030 PDT		Type of media for final product: GDB, Shapefiles, Topo and Ortho Maps, IR Log, KMZ	
Date and Time Products Delivered to Incident: 9/16/2023 2315 PDT		Digital files sent to: /incident_specific_data/pacific_nw/2023_Incidents_Oregon/2023_Anvil_ORRSF000413/IR/202309017	
Comments / notes on tonight's mission and this interpretation: I began interpretation with the previous IR perimeter. Georeferencing appeared to be off by 20+ feet on the southern edge of the heat perimeter along the Elk River. I attempted to improve the image fit by adding georeferencing points myself but doing this made the image fit to background data worse instead of better. It was easier to see the image displacement along the Elk River than in other parts of the image without distinct features. It is possible that the fit is better on the northern part of the image where I haven't found landmarks that would aid in checking the georeferencing. There was also a considerable displacement between the images so that they didn't appear to be at all coincident. This may have led to some inaccuracies in interpretation, however, the KMZ and the maps do show a good fit to the river edge. The fire is being very slow to cool and there remains much scattered heat throughout the perimeter. The scattered heat is not widespread due to the fact that I didn't have time to do more detailed interpretation but is truly representative of the imagery.			