INFRARED INTERPRETER'S DAILY LOG

Incident Name: Airplane Lake WA-OWF-00037	**IR Interpreter(s):** Hillary Hudson Hillary.hudson@usda.gov	**Local Dispatch Phone:** CWICC (509-884-3473)	**Interpreted Size:** 5773 Acres **Growth last period:** 785 Acres
Flight Time: 1939 PDT **Flight Date:** 9/7/2023	**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: Okanogan-Wenatchee (509-884-3473)	**A Number:** 29	**Aircraft/Scanner System:** 350SM TK9	**Pilots/Techs:** Michelle
IRIN Comments on imagery: Clouds obscured 50% of the surface area		**Weather at time of flight:** Overcast/moderately cloudy	**Flight Objective:** Heat Perimeter Detection / Categorizing Heat Intensity
Date and Time Imagery Received by Interpreter: 9/7/2023 2000 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 2145 PDT		**Digital files sent to:** /incident_specific_data/pacific_nw/2023_Incidents_Washington/2023_AirplaneLake_WA_OWF_000374/IR/20230908	

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. Moderate cloud cover extended over the entire heat perimeter partially obscuring my view of underlying features. This also made georeferencing impossible because there was not a clear view of features on the ground to view for that purpose. I used the ortho image for interpretation because it was much easier to identify heat on it than the color image. I had to take some artistic license/interpreter's intuition to determine the northeast perimeter where there was a large increase in size. It was heavily obscured by clouds and I could only see patches of heat here and there and did extensive extrapolation to fill in the gaps. The screenshot shows how the image looked in that area with the heat being outside of the previous wildfire perimeter.The clouds were thicker on the east end of the image than they were on the west end. The screenshot shows how the image looked in that area with the heat being outside of the previous wildfire perimeter. There was a new detached heat source approximately 1 mile west of the west end of the perimeter. I feel quite certain that there was a lot of heat that I couldn't see though I only recorded the heat that was visible through the clouds.

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