

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Pioneer WA-SES-000173	IR Interpreter(s): Tom Kohley tom_kohley@firenet.gov	Local Dispatch Phone: WACWC 509-884-3473	Interpreted Size: 3848 Acres Growth last period: 37 Acres
Flight Time: 22:00 MDT Flight Date: 06/16/2024	Interpreter(s) location: Red Lodge, MT Interpreter(s) Phone: 406-425-2071	GACC IR Liaison: Jim Grace GACC IR Liaison Phone: 541-771-4521	National Coordinator: Kat Sorenson National Coord. Phone: 406-499-2701
Ordered By: Laurie Bergvall (SITL)	A Number: A-59	Aircraft/Scanner System: N287AT Overwatch TK-9	Pilots/Techs: IR Techs: Cody Hall, Ed Trout
IRIN Comments on imagery: 3 passes; IR Tech on aircraft noted that "they experienced heavy cloud cover while on station and the mosaic function was unable to create good tie points and the image quality suffered."		Weather at time of flight: Heavy cloud cover	Flight Objective: Heat Perimeter Detection / Categorizing Heat Intensity
Date and Time Imagery Received by Interpreter: 06/16/2024 10:58 MDT		Type of media for final product: IRIN Daily Log, Shapefiles, File Geodatabase, KML, PDF Maps	
Date and Time Products Delivered to Incident: 06/16/2024 11:50 MDT		Digital files sent to: NIFS https://ftp.wildfire.gov/public/incident_specific_data/southwest/GACC_Incidents/2024/2024_Pioneer/IR/	
Comments /notes on tonight's mission and this interpretation: IR interpretation started with the Wildfire Daily Fire Perimeter in the NIFS at 2158 MDT, 6/16/2024. There was also some IR interpreted data from alewandowski_nifc from about 1300 hrs on the IRIN Edit Service which I did not use. This was the first run of the Overwatch TK-9 sensor on the Owyhee N287AT aircraft for this season. Cloud cover had an overall impact on the quality of mapping this evening. However, there were some areas of intense heat along the perimeter which allowed us to increase the IR perimeter by 37 acres. Fire growth and intense heat were observed just east of the south end of the Rattlesnake drainage near the shoreline. Some intense heat was also observed in on the east side of the fire in the Cascade Creek drainage. Scattered and isolated heat were mapped in areas of lighter cloud cover and/or where the scanner picked up significant heat through the clouds. Consistency in these features is probably lacking throughout the entire fire.			