

INFRARED INTERPRETER'S DAILY LOG

Incident Name: MUD LICK (ID-SCF-021130)	IR Interpreter(s): Cheron Ferland	Local Dispatch Phone: ID CIC (208-756-5157)	Interpreted Size: 20,647 Acres Growth last period: 0 Acres
Flight Time: 2225 MDT Flight Date: August 4, 2021	Interpreter(s) location: Duluth, MN Interpreter(s) Phone: 541-654-1122	GACC IR Liaison: Nate Yorgason GACC IR Liaison Phone: 435-590-1107	National Coordinator: Tom Mellin National Coord. Phone: 505-842-3845
Ordered By: Ryan Shannahan	A Number: 105	Aircraft/Scanner System: Tenax N350FV/TK9	Pilots/Techs: IR Tech: Kelsey
IRIN Comments on imagery: Fairly good imagery but needed on-the-fly-orthorectification up to 300' in some portions of the scans; 3 passes		Weather at time of flight: Clear	Flight Objective: Map Heat Perimeter, Intense Heat, Scattered Heat, and Isolated Heat
Date and Time Imagery Received by Interpreter:		Type of media for final product: PDF Maps, Geodatabase/Shapefiles, KMZ, IRIN Log	
Date and Time Products Delivered to Incident:		Digital files: Posted to: <ul style="list-style-type: none"> • ftp.wildfire.gov/incident_specific_data/ • NIFS 	
Comments / notes on tonight's mission and this interpretation: I began mapping from the most recent NIFS perimeter for the main Mud Lick fire area. The SITLs added three "expanded" IR scan boxes tonight north of Mud Lick to provide intel on three starts from 08/01 – Dome Fire, Garden Fire, and Sagebrush Fire. There were zero heat signatures within those scan boxes (see "20210805_MudLickExpanded_TOPO_IRMap.pdf") The imagery needed ortho-correction in many portions of all scans. There was no heat perimeter expansion of the main Mud Lick Fire. There was no intense heat. There were a few pockets of scattered heat along the fire perimeter and intermittent isolated interior heat.			