INFRARED INTERPRETER'S DAILY LOG

Incident Name: Bear Creek CO-SJF-000570	**IR Interpreter(s):** Kurt Teuber irin.kurt@gmail.com	**Local Dispatch Phone:** Durango Dispatch 970-385-1324	**Interpreted Size:** 1,093 acres **Growth last period:** < 1 acre
Flight Time: 00:48 MDT **Flight Date:** 09/25/2023	**Interpreter(s) location:** Sonoma, CA **Interpreter(s) Phone:** 530-386-0685	**GACC IR Liaison:** Elise Bowne 303-517-7510	**National Coordinator:** Jan Johnson **National Coord. Phone:** 801-824-5440
Ordered By: Nancy Masters 208-908-2805 nancy_masters@firenet.gov	**A Number:** A-52	**Aircraft/Scanner System:** N181Z / Phoenix	**Pilots/Techs:** Pilots: Dan, Don Tech: Bart
IRIN Comments on imagery: One pass, good georeferencing. Fire was located near the eastern edge of the imagery, scan box should be shifted east slightly.		**Weather at time of flight:** Clear	**Flight Objective:** IR heat perimeter and heat sources
Date and Time Imagery Received by Interpreter: 09/25/2023 01:00 MDT		**Type of media for final product:** IRIN Daily Log, Shapefiles, File Geodatabase, KMZ, PDF Maps	
Date and Time Products Delivered to Incident: 09/25/2023 03:07 MDT		**Digital files sent to:** NIFS and FTP (address below) ftp.wildfire.gov/incident_specific_data/rocky_mtn/2023/2023_Bear_Creek/IR/20230925	

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

No change in heat perimeter. No intense or scattered heat mapped.

A total of 20 isolated heat sources were detected, mostly in the north and east side of the fire.

Two isolated heat sources were found outside the heat perimeter. One is in the northeastern corner of the fire near Shaw Creek, and one was located about 0.2 miles north of the main perimeter on a ridge above Falls Creek, where a small isolated polygon had been mapped before. Neither of these two isolated heat sources warranted a change to the heat perimeter.