INFRARED INTERPRETER'S DAILY LOG

Incident Name: Meadow Creek UT-SCS-190412	**IR Interpreter(s):** Maximillian Wahlberg max.wahlberg@usda.gov	**Local Dispatch Phone:** Richfield Interagency Fire Center (435-896-8404)	**Interpreted Size:** 4321 acres **Growth last period:** +25 acres
Flight Time: 2209 MDT **Flight Date:** 9/10/2019	**Interpreter(s) location:** Portland, OR **Interpreter(s) Phone:** 503-319-9582	**GACC IR Liaison:** Nate Yorgason **GACC IR Liaison Phone:** 208-557-5785	**National Coordinator:** Tom Mellin **National Coord. Phone:** 505-842-3845
Ordered By: Richfield Interagency Fire Center	**A Number:** A-37	**Aircraft/Scanner System:** N149z / Phoenix	**Pilots/Techs:** **N149Z Flight Crew** Pilot: Johnson Pilot: Boyce Tech: Brenzel
IRIN Comments on imagery: Single scan, clean imagery. Slight shift, especially on the western (lower elevation) portions of the imagery. No clouds or other issues.		**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: 9/10/2019 @ 2236 MDT **Date and Time Products Delivered to Incident:** 9/11/2019 @ 0150 MDT		**Type of media for final product:** Shapefiles, PDF Map, KMZ, IR Daily Log **Digital files sent to:** NIFC FTP: https://ftp.nifc.gov/public/incident_specific_data/great_basin/2019_Incidents/2019_MeadowCreek/IR/20190911/	

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

Tonight's mapping is the first IR for the Meadow Creek fire. Mapping began with the incident provided GPS based perimeter which was was flown on Sept 9 around 1300. In some places, the incident provided perimeter was reduced to follow the fire's current perimeter (per instructions of the incident SITL). This resulted in a net change of +25 acres between the incident provided perimeter (4,206 acres) and tonight's IR based interpreted acres of 4,321 acres.

Pockets of intense heat were mapped along the fire's eastern edge, with scattered heat detected throughout much of the fire's eastern half. Isolated heat sources were mapped throughout the fire area.

No clearly discernable large unburned islands were detected, though the western most portion of the fire did not register much heat, and it is difficult to discern cold black from unburned areas in the flashy fuels found in that part of the fire.