|  |  |  |  |
| --- | --- | --- | --- |
| **Incident Name:**Pedro MountainWY-RAD-019341 | **IR Interpreter(s):**Mark GrupéMark\_grupe@nps.gov | **Local Dispatch Phone:**Casper Dispatch (800-295-9953 | **Interpreted Size:**19,353 Acres**Growth:**2,731 Acres |
| **Flight Time:**0248 MDT**Flight Date:**9/1/2019 | **Interpreter(s) location:**Placerville, CA**Interpreter(s) Phone:**510-409-5532 | **GACC IR Liaison:**Elise Bowne**GACC IR Liaison Phone:**303-517-7510 | **National Coordinator:**Tom Mellin**National Coord. Phone:**Cell 505-301-8167 |
| **Ordered By:**Rebecca Swenson, SITL307-349-1203rjswenson@blm.gov | **A Number:**56 | **Aircraft/Scanner System:**N149Z/Phoenix | **Pilots/Techs:**Mark/Mike |
| **IRIN Comments on imagery:**Clear. Good Registration. | **Weather at time of flight:**Clear  | **Flight Objective:**Map heat perimeter, scattered and intense heat and isolated heat sources |
| **Date and Time Imagery Received by Interpreter:**9/1/19 0407 MDT | **Type of media for final product:**Digital: Georeferenced PDF Map, KMZ and shapefiles for data and Log .doc**Digital files sent to:** <https://ftp.nifc.gov/public/incident_specific_data/rocky_mtn/2019/PedroMountain/IR/> |
| **Date and Time Products Delivered to Incident:**9/1/19 0500 MDT |

**Comments /notes on tonight’s mission and this interpretation:**

Interpretation started with perimeter in the NIFS per request of GISS on the incident.

Imagery arrived late due to upload problems with FTP server. In the interest of time and getting a useable product to the incident less precision was used when delineating Intense, Scattered, and Isolated Heat sources.

No imagery was available for a small portion of the northeast edge of the fire; however this area has been cool with no perimeter change in the past few days.

Fire most active with intense heat on the south and southwest flanks. East is quiet. Northwest has some scattered.

Southwest portion and other portions of the fire burning through grass is very difficult to interpret due to grass fuels not retaining heat after they burn. It was assumed the grasses burned rather than the fire spotting across to timber/shrub fuel models. Therefore, there may be unburned areas within the perimeter especially along southwest portion as the fire pushes towards the reservoir. One isolated heat exists between the southwest perimeter and the reservoir suggesting the fire edge may be closer to the reservoir.

Imagery arrived late due to upload problems with FTP server. In the interest of time and getting a useable product to the incident less time and precision was used when delineating Intense, Scattered, and Isolated Heat sources.