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| **Incident Name:**  Creek Fire  CA-SNF-001391 | **IR Interpreter(s):**  C. Merriman  [cmerriman@owyheeair.com](mailto:cmerriman@owyheeair.com) | **Local Dispatch Phone:**  Sierra National Forest  (559) 500-4544 | **Interpreted Size:**  **322,089 acres**  **Growth last period:**  apx. 3,159 acres growth from provided perimeter |
| **Flight Time:**  2330 PDT  **Flight Date:**  2020 October 04 | **Interpreter(s) location:**  Nampa, ID  **Interpreter(s) Phone:**  (208) 850-4514 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  (530) 251-6112 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  Tad Morelock | **A Number:**  A-321 | **Aircraft/Scanner System:**  N17ZX / Wescam MX10 + Overwatch TK7 | **Pilots/Techs:**  C. Culp / C. Merriman |
| **IRIN Comments on imagery:**  Good | | **Weather at time of flight**  Clear | **Flight Objective:**  Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**  2020 October 05 0130 PDT | | **Type of media for final product: p**df map, IR log, KMZ and shapefiles  **Digital files sent to:**  <https://ftp.nifc.gov/public/incident_specific_data/great_basin/2020_Incidents/2020_Slink>  **Digital files emailed to**: [fire@owyheeair.com](mailto:fire@owyheeair.com), [calfireimt1gis@gmail.com](mailto:calfireimt1gis@gmail.com), [ciimt5sitl@gmail.com](mailto:ciimt5sitl@gmail.com), [dawnsfiresite@gmail.com](mailto:dawnsfiresite@gmail.com) | |
| **Date and Time Products Delivered to Incident:**  2020 October 04 0345 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  North Zones Div. G & J continue to have similar scattered heat profiles as previous flights, while Div. J and M along have perimeter growth and intense heat, especially along the northern tip and throughout Div. J. Additional growth was detected at the furthest eastern point near Div. P and N. Two hottest portions of the fire continue to be the northernmost tip (Div. J/Div. M break) and along the easternmost tip (Div. N). Portions of the interior of the fire to the south (Div. P and R) appear to be warming up: heat within the scattered heat polygons is warmer and denser.  One of the unburned islands in Div. M shrunk as heat encroached upon it, although a few more unburned islands in both the northern and southern portions of the fire were detected. Two additional unburned islands were detected in Div. N near the hottest area of furthest spread, around Mono Hot Springs.  Finally, the perimeter obtained as a base with which to conduct this evening’s mapping mission was pulled from the NIFC AGOL server. Upon return from the flight (on. 10/05/20 @ apx. 0000) a new perimeter had been emailed to me at 2200 on 10/4 while the mission was being conducted. Best attempts were made to synchronize all data to construct the most up-to-date perimeter. There was some spread from the 2200 supplied perimeter in pockets throughout the fire. However, spread annotated in Div. N/ Div. P in the 2200 supplied perimeter was greater than that detected in the heat imaging. The supplied perimeter is mapped with that annotated spread. However, calculations on fire growth took place using the 2200 supplied perimeter. | | | |