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| **Incident Name:**  Cameron Peak  CO-ARF-000636 | **IR Interpreter(s):**  Elise Bowne  elise.bowne@usda.gov | **Local Dispatch Phone:**  Fort Collins  970-296-6800 | **Interpreted Size:**  208,913.46 acres  **Growth last period:**  0.2 acres |
| **Flight Time:**  1908 MST  **Flight Date:**  11/20/2020 | **Interpreter(s) location:**  Denver, CO  **Interpreter(s) Phone:**  303-517-7510 | **GACC IR Liaison:**  Elise Bowne  **GACC IR Liaison Phone**  303-517-7510 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505 301-8167 |
| **Ordered By:**  Aileen Nichols - SITL  253-732-1822 | **A Number:**  389 | **Aircraft/Scanner System:**  N149Z/Phoenix | **Pilots/Techs:**  Pilots: Boyce, Helquist  Tech: Teats |
| **IRIN Comments on imagery:**  Lots of cloud cover, murky where not covered by clouds. | | **Weather at time of flight:**  Mostly cloudy | **Flight Objective:**  Heat detection & mapping |
| **Date and Time Imagery Received by Interpreter:**  11/20/2020 2130 MST – last two passes received at 2230. | | **Type of media for final product:**  PDF Maps, shapefiles, Word doc (this log), kmz.  **Digital files sent to:**  ftp.nifc.gov//incident\_specific\_data/rocky\_mtn/2020/CameronPeak/IR/ | |
| **Date and Time Products Delivered to Incident:**  11/20/2020 2315 MST | |
| **Comments /notes on tonight’s mission and this interpretation:**  Mapping used the latest perimeter from NIFS, 11/20/2020 pulled at 1900 MDT as the starting point.  The majority of the fire area was covered by clouds. Since the water vapor in clouds absorbs infrared very well, very little heat was discernible. There were two isolated sources of heat detected tonight. The first was inside the existing perimeter just inside the Rocky Mountain National Park east boundary, downhill and east of the North Boundary Trail. The second isolated heat source was detected northeast of the first, inside the Comanche Peak Wilderness, west and downhill from Bulwark Ridge. Since this second heat source was outside the existing perimeter, a small area of heat perimeter was drawn around the heat source to increase the ability to locate it again. The imagery was not clear enough to tell if the heat was connected to the main perimeter.  The cloud layer was mapped to show the areas where heat could exist, but wasn’t detected.  The perimeter was reprojected from WGS84 Geographic coordinates to UTM Zone 13 North NAD83 with the WGS84 to NAD83\_5 transformation.  Questions or comments, please contact the interpreter listed above. | | | |