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| **Incident Name:**  Empire  CA-YNP-000084 | **IR Interpreter(s):**  Elsa Hucks  elsa.hucks@fire.ca.gov | **Local Dispatch Phone:**  Yosemite ECC  (209) 379-1998 | **Interpreted Size:**  7,677 acres total  **Growth last period:**  1,102 acres |
| **Flight Time:**  1908 PDT  **Flight Date:**  10/18/2017 | **Interpreter(s) location:**  Auburn, CA  **Interpreter(s) Phone:**  530-277-2326 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Jim Grace  **National Coord. Phone:**  (541) 771-4521 |
| **Ordered By:**  Jeff Pirog (SITL)  jeff\_pirog@hotmail.com | **A Number:**  A-41 | **Aircraft/Scanner System:**  N144z / Phoenix | **Pilots/Techs:**  Kaz (IR Tech) |
| **IRIN Comments on imagery:**  One strip. Fair quality. Heavy cloud cover present over fire area. Southern edge of fire was not included. | | **Weather at time of flight:**  Cloudy | **Flight Objective:**  Map heat perimeter, intense heat, scattered heat, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**  10/18/2017 @ 1930 MDT | | **Type of media for final product:**  Shapefiles, PDF Map, KMZ, IR Daily Log  **Digital files sent to:**  NIFC FTP: <http://ftp.nifc.gov/incident_specific_data/calif_s/!2017_Incidents/CA-YNP-000084/IR/20171019/> | |
| **Date and Time Products Delivered to Incident:**  10/19/2017 @ 0130 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I began with the heat perimeter from 10/12/2017. This perimeter was 6,575 acres. After interpretation it was 7, 677.  The heat perimeter is very fragmented. I mapped only visible heat and it has been numerous days since the last perimeter update, leaving time for burned areas to lose heat.  There is a lot of intense heat present within the northest portion of the fire. It is very likely the heavy cloud cover tonight is masking a lot of the scattered and less intense isolated heat.  There is a spot fire approximately 0.7 miles from the head of the fire. It is just above Milouette Creek.  Please let me know if there are any questions, comments or requests for additional IR products. Thank you. | | | |