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| **Incident Name:**  Empire  CA-YNP-000084 | **IR Interpreter(s):**  Zack Muirbrook  zmuirbrook@fs.fed.us | **Local Dispatch Phone:** | **Interpreted Size:**  6,576 acres total  **Growth last period:**  319 acres |
| **Flight Time:**  0132 MDT  **Flight Date:**  10/12/2017 | **Interpreter(s) location:**  Idaho Falls, ID  **Interpreter(s) Phone:**  208-221-3775 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:** |
| **Ordered By:**  Yosemite NP (209-768-1998) | **A Number:**  A-40 | **Aircraft/Scanner System:**  N144z / Phoenix | **Pilots/Techs:**  /Kaz |
| **IRIN Comments on imagery:**  One N/S run. Clear and good alignment. Included South Fork in same flight. | | **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:**  10/12/2017 @ 0400 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/2017mmdd/> | |
| **Date and Time Products Delivered to Incident:**  10/12/2017 @ 0500 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  There is one definite heat source over 5 miles to the north that might be a new start. It is not on the map but it is in the perimeter and as an isolated heat source. It is north of Merced River with a LL of: 37d 45m 16s by 119d 38m 21s  I started with a perimeter found if WFDSS from 9/14. Most of the growth were discontinuous from the perimeter. It is quite possible that the fire was continuous but the heat is not showing the growth over the past few weeks. The majority of the growth and the only areas of intense heat are in the large spot to the north of the main perimeter. All of the scattered heat was mapped in spots outside of the original perimeter. But there is still some isolated heat within the original perimeter. | | | |