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| **Incident Name:**  ORLEANS COMPLEX  CA-SRF-000741 | **IR Interpreter(s):**  Kurt Teuber  kteuber@att.net | **Local Dispatch Phone:**  707-726-1266  CA-SRF Fortuna ECC | **Interpreted Size:**  8,906 acres  **Growth last period:**  632 acres |
| **Flight Time:**  22:07 PDT  **Flight Date:**  08/22/2017 | **Interpreter(s) location:**  South Lake Tahoe, CA  **Interpreter(s) Phone:**  530-386-0685 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  CA-SRF 619-359-3490 | **A Number:**  A-46 | **Aircraft/Scanner System:**  N149Z/Phoenix | **Pilots/Techs:**  Netcher, Nelson / Smith |
| **IRIN Comments on imagery:**  Good imagery. A few clouds. Three strips. | | **Weather at time of flight:**  Partly cloudy | **Flight Objective:**  Heat detection & mapping |
| **Date and Time Imagery Received by Interpreter:**  08/22/2017 22:30 PDT | | **Type of media for final product:**  PDF Maps, shapefiles, Word doc (this log), kmz.  **Digital files sent to:**  http://ftp.nifc.gov/incident\_specific\_data/calif\_n/!2017 FEDERAL\_Incidents/CA-SRF-000741\_Orleans/IR/20170823  [cfry@fs.fed.us](mailto:cfry@fs.fed.us) | |
| **Date and Time Products Delivered to Incident:**  08/23/2017 02:50 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I started with the latest Fire Perimeter provided by the incident. Most of the growth occurred in the southwest corner of the Haypress Fire, although the incident perimeter appeared to overestimate the amount of burned area here. I mapped the perimeter where I could see a definite line of heat in the imagery.  Only the Ukonom, Burney, and Haypress polygons displayed any heat or change in perimeter. Haypress was most active. Acreage changes are listed below:  Ukonom: 4,017 - 3,982 = 35 acres  Haypress: 3,225 - 3,004 = 221 acres  Burney: 1,314 - 1,303 = 11 acres  A small polygon of intense heat was located just northwest of Haypress, near the Haypress Trailhead. I’m not sure if this is actual heat, or an artifact from the scanner, but I mapped it as intense heat, and it should be verified.  Some heat was detected in the northwestern corner of the Burney Fire, but was obscured by clouds. I mapped the area as scattered heat.  Please let me know if there are any questions, concerns, or requests. I appreciate any feedback on the mapping.  Thank you,  Kurt Teuber  530-386-0685  [kteuber@att.net](mailto:kteuber@att.net) | | | |