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| **Incident Name:**  Orleans Complex | **IR Interpreter(s):**  Elsa Hucks | **Local Dispatch Phone:**  530-644-0200 | **Interpreted Size:**  26,898 (Entire Complex)  **Growth last period:**  178 acres |
| **Flight Time:**  2145 PDT  **Flight Date:**  September 13, 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:**  Liz McNichols  **National Coord. Phone:**  208-387-5900 |
| **Ordered By:**  Eric Kronner (SITL)  (530)310-4257  [norcal1gis@gmail.com](mailto:norcal1gis@gmail.com), [ekronner@fs.fed.us](mailto:ekronner@fs.fed.us) | **A Number:**  A-94 | **Aircraft/Scanner System:**  N-144Z/Phoenix | **Pilots/Techs:**  Rob Navarro (IR Tech)  Boyce / Johnson (Pilots) |
| **IRIN Comments on imagery:**  Imagery was fair, lots of clouds, 2 strips | | **Weather at time of flight:**  Cloudy | **Flight Objective:**  Heat Perimeter and Detection |
| **Date and Time Imagery Received by Interpreter:**  September 13, 2017 @ 2300 PDT | | **Type of media for final product:**  Shapefile, KMZ, Log, and GeoPDF  **Digital files sent to:**  http://ftp.nifc.gov/incident\_specific\_data/calif\_n/!2017%20FEDERAL\_Incidents/CA-SRF-000741\_Orleans/IR/20170914/ | |
| **Date and Time Products Delivered to Incident:**  September 14, 2017 @ 0130 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  I started with the geodatabase 20170912\_2228\_OrleansComplex\_CASRF000741\_Event.gdb from the incident.  Ukonom Fire – 4,238 Acres: 2 Acres of growth: Minimal heat signatures were detected and mapped. There is one heat signature that falls outside of the current fire perimeter and is on the opposite side of the river. I marked it as an isolated point. The coordinate is -123.509, 41.5925. The fire had significant cloud cover over it at time of flight.  Burney Fire – 1,642 Acres: 3 Acres of growth: The fire area has just a few isolated heat sources right now, many are right along the perimeter. There was a lot of cloud cover at flight time.  Haypress Fire – 20,729 Acres: 173 Acres of growth: The entire fire area has scattered heat. There are small pockets of intense heat along the edges. The lower 2/3 of the fire had significant cloud cover over it tonight which likely masked some of the heat.  Forks Fire – This area did not get captured in the imagery tonight.  Please let me know if there are any questions, comments or requests for additional IR products. Thank you. | | | |