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| **Incident Name:**  Simpson Complex | **IR Interpreter(s):**  Nate Yorgason  Chad Horman (T) | **Local Dispatch Phone:**  208-384-3376 | **Interpreted Size:**  Simpson Complex 2,228  Sheep – 1,668 Lion Peak –  560  **Growth last period:**  No acres provided |
| **Flight Time:**  0145 and 0151  **Flight Date:**  07/23/2014 | **Interpreter(s) location:**  Cedar City, Utah  **Interpreter(s) Phone:**  435-865-3227 (Nate)  435-865-3731 (Chad) | **GACC IR Liaison:**  Hope Spriggs  **GACC IR Liaison Phone:**  208-384-3376 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-301-8167 |
| **Ordered By:**  Nate Yorgason | **A Number:**  A-5 | **Aircraft/Scanner System:**  N144Z/Phoenix | **Pilots/Techs:**  / /Rob |
| **IRIN Comments on imagery:**  Imagery was ok. | | **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:**  20140724 0200 | | **Type of media for final product:**  Shapefiles/pdf maps x 2, IRIN log, KMZ file  **Digital files sent to:**  ftp.nifc.gov/Incident\_Specific\_Data/GREAT\_BASIN\_E /2014\_Fires/Simpson\_Complex\_2014/IR/20140724 | |
| **Date and Time Products Delivered to Incident:**  20140722 0512 | |
| **Comments /notes on tonight’s mission and this interpretation:**  Lion Peak Fire. This fire has been burning in pinyon/juniper and grassland fuel types for a few days. This is the first IR flight for this fire and complex. The heat perimeter is simply a line drawn around the visible heat sources. In no way should this be considered representative of the actual fire perimeter. Since fire burns quickly through these fuel types and cools down quickly it is impossible to determine where the fire was even a day ago if there is no latent heat. It would be good to begin with a perimeter provided by the incident in any subsequent interpretations (Nate).  Sheep Fire. This fire has been burning in pinyon/juniper and grassland fuel types for a few days. This is the first IR flight for this fire and complex. The heat perimeter is simply a line drawn around the visible heat sources. In no way should this be considered representative of the actual fire perimeter. Since fire burns quickly through these fuel types and cools down quickly it is impossible to determine where the fire was even a day ago if there is no latent heat. It would be good to begin with a perimeter provided by the incident in any subsequent interpretations. Isolated heat mapped throughout the fire perimeter. Scattered heat on the north and northeast portion of the fire. (Chad)  Questions/Comments – Please call – Nate Yorgason/Chad Horman. | | | |