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| **Incident Name:**Chestnut KnobNC-NCS-160043 | **IR Interpreter(s):**Elise Bowne | **Local Dispatch Phone:**678-320-3012 | **Interpreted Size:**6,435 Acres**Growth last period:** None detected |
| **Flight Time:**0044 EST**Flight Date:**November 26, 2016 | **Interpreter(s) location:**Denver, CO**Interpreter(s) Phone:**303-517-7510 | **GACC IR Liaison:**Melinda McGann**GACC IR Liaison Phone:**678-320-3010 | **National Coordinator:**N/A**National Coord. Phone:**N/A |
| **Ordered By:**SACC (678-320-3012) | **A Number:**252 | **Aircraft/Scanner System:**N149Z/Phoenix | **Pilots/Techs:**Boyce/Netcher/Smith |
| **IRIN Comments on imagery:**Imagery was okay, orthorectification was off a lot.  | **Weather at time of flight:**Scattered clouds | **Flight Objective:**Map Heat Perimeter/Isolated Heat Sources |
| **Date and Time Imagery Received by Interpreter:**November 26, 2016 0100 EST | **Type of media for final product:**Pdf map, 4 shapefiles, kmz file and IR log**Digital files sent to:**<http://ftp.nifc.gov/incident_specific_data/southern/North_Carolina/2016ChestnutKnob/IR/20161126>  |
| **Date and Time Products Delivered to Incident:**November 26, 2016 0230 EST |
| **Comments /notes on tonight’s mission and this interpretation:*** Previous mission’s heat perimeter was used as a base for tonight’s interpretation.
* No heat perimeter growth was detected tonight.
* Only isolated heat was detected and mapped tonight.
* Again separated definite heat sources, red dots, from possible heat sources, that showed indications of heat, but did not actually trip the sensor. Please advise if anyone ground-truths this information. Feedback will help refine the interpretation
* As the incident cools, it is getting to be more difficult to discern where some of the isolated heat sources are. It is very possible there are more than are mapped.
* Cloud cover over the heat perimeter was mapped into a shapefile and is also shown on the map. This will indicate areas where it was not possible to detect heat, due to the absorption of infrared radiation by water vapor.
* Questions/Concerns – please contact the IRIN at 303-517-7510.
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