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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:**0257 EST**Flight Date:**November 25, 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:**250 | **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:**Partly cloudy | **Flight Objective:**Map Heat Perimeter/Isolated Heat Sources |
| **Date and Time Imagery Received by Interpreter:**November 25, 2016 0315 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/20161125>  |
| **Date and Time Products Delivered to Incident:**November 25, 2016 0415 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.
* Tried something new tonight, with separating definite heat sources, red dots, from possible heat sources, that showed indications of heat, but did not actually trip the sensor. Please advise if any one ground-truths the information.
* 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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