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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:**0100 EST**Flight Date:**November 22, 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:**246 | **Aircraft/Scanner System:**N149Z/Phoenix | **Pilots/Techs:**Netcher/Boyce/Smith |
| **IRIN Comments on imagery:**Imagery was okay, orthorectification was off a lot.  | **Weather at time of flight:**Clear | **Flight Objective:**Map Heat Perimeter/Isolated Heat Sources |
| **Date and Time Imagery Received by Interpreter:**November 22, 2016 0145 EST | **Type of media for final product:**Pdf map, 5 shapefiles, kmz file and IR log**Digital files sent to:**<http://ftp.nifc.gov/incident_specific_data/southern/North_Carolina/2016ChestnutKnob/IR/20161122>  |
| **Date and Time Products Delivered to Incident:**November 22, 2016 0445 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.
* The hottest part of the fire was on the southeastern part of the fire around Chestnut Knob
* Div J – Has cooled even more, with only scattered and isolated heat detected tonight.
* In Div I, only scattered heat and isolated heat sources were detected tonight.
* 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. Ground-truthing would be a good idea and it would be very helpful to get some lat/longs of areas of heat that are found on the ground, to enable matching what is on the ground with what is in the imagery.
* An additional shapefile was created tonight, labeled “Possible Heat Sources.” These are heat sources outside the perimeter that appear very similar to some of those that were mapped inside the perimeter. Feedback would be really helpful.
* Questions/Concerns – please contact the IRIN at 303-517-7510.
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