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| **Incident Name:**Big PoplarTN-CNF-000336 | **IR Interpreter(s):**Elise Bowne | **Local Dispatch Phone:**TNCC423-476-9775 | **Interpreted Size:**140 Acres**Growth last period:** N/A |
| **Flight Time:**2122 EST**Flight Date:**November 18, 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:**67 | **Aircraft/Scanner System:**N149Z/Phoenix | **Pilots/Techs:**Boyce/Nelson/Smith |
| **IRIN Comments on imagery:**Clear, but orthorectification off in areas | **Weather at time of flight:**Clear | **Flight Objective:**Map Heat Perimeter/Isolated Heat Sources |
| **Date and Time Imagery Received by Interpreter:**November 18, 2016 2150 EST | **Type of media for final product:**2 PDF maps, 4 shapefiles, kmz file and IR log**Digital files sent to:**<http://ftp.nifc.gov/incident_specific_data/southern/Tennessee/2016_BigPoplar/IR/20161119>  |
| **Date and Time Products Delivered to Incident:**November 18, 2016 2250 EST |
| **Comments /notes on tonight’s mission and this interpretation:*** Found perimeter in WFDSS in decimal degrees, reprojected to Tennessee State Plane and used this as a starting point for tonight’s interpretation.
* There was no heat detectable within the northernmost part of the WFDSS perimeter. Not sure if that area had just cooled or had not actually burned, but the heat perimeter does not include that area.
* On the west, the northwest part of the heat perimeter was completely to the east of Forest Rd 1168. On the eastern perimeter, the heat appeared to be on the west side of the Ditney Mountain Road, except on the southern part where the heat was the most intense.
* At the narrow point where East Fork Wolf Creek and Ditney Mountain Road are closest, that was some very intense heat that appeared to be on the east side of the road, on what is shown as private land on the FS PBS Geotiff.
* The acreage calculation was in Tennessee State Plane.
* If further IR flights are made, please let the interpreter know which coordinate system is preferred. Also would appreciate feedback on the northern part of the fire that was removed from the IR heat perimeter.
* The heat appeared to be mostly to the east of the East Fork Wolf Creek – however, it was difficult to tell and it may have crossed the creek.
* Questions/Concerns – please contact the IRIN at 303-517-7510.
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