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| **Incident Name:**New River Fires - includesCharlie Branch (TN-TNS-000317)Gilmore TrailPhillips CemetaryHwy 116 #2 (Devonia) | **IR Interpreter(s):**Elise Bowne | **Local Dispatch Phone:**TN-TNC423-476-9760 | **Interpreted Size:**3,949 Acres**Growth last period:** 77 Acres |
| **Flight Time:**2238 EST**Flight Date:**November 17, 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:**TN-TNS (423-339-8680) | **A Number:**3 | **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 17, 2016 2315 EST | **Type of media for final product:**PDF maps (4), 2 shapefiles, kmz file and IR log**Digital files sent to:**<http://ftp.nifc.gov/incident_specific_data/southern/Tennessee/2016_NewRiverFires/IR/20161118> and emailed to Heather Slayton |
| **Date and Time Products Delivered to Incident:**November 18, 2016 0130 EST |
| **Comments /notes on tonight’s mission and this interpretation:*** Used the perimeters provided by the incidents as starting points for tonight’s interpretation.
* There was very little heat detected tonight, with only isolated heat sources. The increase in heat perimeter on Gilmore Trail is very rough as there wasn’t enough information for more precision – it grew by around 77 acres.
* There was a very small perimeter adjustment on Hwy 116 #2 fire as well – to include two heat sources.
* There were a lot of heat sources outside the perimeters. A few seemed to be associated with structures or some sort of industrial activity.
* The main map, which shows all 4 fires also includes 4 isolated heat sources that at a distance from the 4 fires. The lat/longs are included on the map.
* On the individual maps, the isolated heat sources that are outside the perimeters are labeled with that lat/longs in degrees decimal minutes.
* Questions/Concerns – please contact the IRIN at 303-517-7510.
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