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| **Incident Name:**Bench BluffTN-TNS-000304 | **IR Interpreter(s):**Elise Bowne | **Local Dispatch Phone:**TN-TNC423-476-9760 | **Interpreted Size:**2,023 Acres**Growth last period:** 5 Acres |
| **Flight Time:**2214 CST**Flight Date:**November 16, 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:**4 | **Aircraft/Scanner System:**N149Z/Phoenix | **Pilots/Techs:**Boyce/Nelson/Smith |
| **IRIN Comments on imagery:**Imagery was murky, especially in the fire area, orthorectification pretty good. | **Weather at time of flight:**Clear | **Flight Objective:**Map Heat Perimeter/Isolated Heat Sources |
| **Date and Time Imagery Received by Interpreter:**November 16, 2016 2300 CST | **Type of media for final product:**PDF map, 3 shapefiles, kmz file and IR log**Digital files sent to:**<http://ftp.nifc.gov/incident_specific_data/southern/Tennessee/2016_BluffBench/IR/20161117> and emailed to Heather Slayton |
| **Date and Time Products Delivered to Incident:**November 17, 2016 0230 CST |
| **Comments /notes on tonight’s mission and this interpretation:*** Used Bluff Bench heat perimeter from previous IR flight as the starting point. There were 249 acres of growth, approximately.
* Only a few isolated heat sources were detected on the northern portion of the fire, while areas of scattered heat and a small amount of heat perimeter expansion was mapped on the southern part of the fire.
* The area around Penitentiary Gulf had some scattered and isolated heat.
* The areas just north and south of Bracken Branch had the most heat, both isolated and scattered. The areas of perimeter expansion were in these areas.
* Questions/Concerns – please contact the IRIN at 303-517-7510.
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