

INFRARED INTERPRETER'S DAILY LOG

Incident Name: Horton NC-NCS-160059	IR Interpreter(s): Maximillian Wahlberg mwahlberg@fs.fed.us	Local Dispatch Phone: NC DoF (828-257-4264)	Interpreted Size: 761 acres Growth last period: N/A (new start)
Flight Time: 2339 hrs EST Flight Date: 11/22/2016	Interpreter(s) location: Portland, OR Interpreter(s) Phone: 928-273-0779	GACC IR Liaison: Melinda McGann GACC IR Liaison Phone: 678-320-3010	National Coordinator: National Coord. Phone:
Ordered By: NC DoF	A Number: A-3	Aircraft/Scanner System: N149z / Phoenix	Pilots/Techs: N149Z Flight Crew left: Don Boyce right: Ed Netcher tech: Woody Smith
IRIN Comments on imagery: Clean imagery, with one north/south pass. Some haloing and phantom trips occurred due to sensor saturation around intense heat.		Weather at time of flight: Clear	Flight Objective: Map heat perimeter, intense heat, scattered heat, and isolated heat
Date and Time Imagery Received by Interpreter: 11/22/2016 @ 2348hrs EST		Type of media for final product: Shapefiles, PDF Map, KMZ, IR Daily Log	
Date and Time Products Delivered to Incident: 11/23/2016 @ 0130hrs EST		Digital files sent to: NIFC FTP: http://ftp.nifc.gov/incident_specific_data/southern/North_Carolina/2016_Horton/IR/20161123/	
Comments /notes on tonight's mission and this interpretation: Tonight's map represents the first IR flight for the Horton incident. The fire was mapped at approximately 761 acres. The fire is primarily located south of the ridgeline between Horton Gap and Mast Knob. The fire is well established on all sides of Dugger Mountain. All mapped heat was detected to the northeast of Joes Creek. The primary fire polygon was mapped at 734 acres and displayed intense heat throughout the much of that area, especially on the southern and eastern fire edges. In the southern portion of the fire, a 20 acre polygon was mapped with intense heat approximately 1/10 th of a mile south of the main perimeter to the east of Tony's Brook. Approximately ¼ mile west of the fire's western edge, a total of 7 potential heat sources were mapped. These locations had weak heat signatures, and were identified as "Potential Heat Sources" to differentiate them from other mapped heat sources.			