INFRARED INTERPRETER'S DAILY LOG

Incident Name:	**IR Interpreter(s):**	**Local Dispatch Phone:**	**Interpreted Size:**
Chimney Tops 2 TN-GSP-016062 Includes Cobbly Nob	Maximillian Wahlberg mwahlberg@fs.fed.us	Smokies Dispatch (865-436-1294)	Total: 17,822 acres Cobbly Nob: 815 acres All other perimeters: 17,414 acres **Growth last period:** Total: -49* Cobbly Nob +59 acres
Flight Time: 2316 hrs EST **Flight Date:** 12/2/2016	**Interpreter(s) location:** Portland, OR **Interpreter(s) Phone:** 928-273-0779	**GACC IR Liaison:** Scott Wilkinson **GACC IR Liaison Phone:** 678-320-3010	**National Coordinator:** **National Coord. Phone:**
Ordered By: SA Red Team (Dueitt) (904-383-9717)	**A Number:** A-33	**Aircraft/Scanner System:** N144z / Phoenix	**Pilots/Techs:** **N149Z Flight Crew** left: Dan Johnson right: Kris Nelson tech: Woody Smith
IRIN Comments on imagery: Clean, clear imagery. Western scan box could probably be reduced on the east and western extents. Doing so would facilitate more overlap between the three strips on the west scan box.		**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: 12/03/2016 @ 0005 hrs		**Type of media for final product:** Shapefiles, PDF Map, KMZ, IR Daily Log	
Date and Time Products Delivered to Incident: 12/03/2016 @ 0230hrs		**Digital files sent to:** NIFC FTP: http://ftp.nifc.gov/incident_specific_data/southern/Tennessee/2016_ChimneyTop2/IR/20161203/ and emailed to: eric.schmeckpeper@gmail.com	

Comments /notes on tonight's mission and this interpretation:

Tonight's mapping began with the incident provided fire polygon dated 20161202 @ 2138 hrs which was located on the NIFC FTP. This perimeter included reduction in acres in some portions of the fire.

In the main fire polygon, very few perimeter edits were made, limited to a small change in the southeast portion of the fire. Many isolated heat sources were mapped throughout the main fire polygon with the largest concentrations in the southern portion of the fire south of Highway 441. Fewer isolated heat sources were mapped in and around the community of Gatlinburg, though numerous heat sources do persist there. Weak heat signatures were mapped as "potential heat sources" though efforts were made to reduce the number of hot foundations mapped as heat in the absence of significant heat. Potential heat sources were also mapped in a number of the smaller fire polygons near Williamsburg and Little Cove Gap.

The most active fire, and perimeter growth was found on the Cobbly Nob fire tonight. Perimeter growth was mapped, along with small polygons of intense heat along the northern portion of the fire's eastern flank both north and south of Matthew Creek. A small polygon of intense heat was also detected along with some perimeter growth on a south face on the west side of Webb Mountain.

*Acre reduction due to enhanced fire perimeter received from incident. Reduction is from fire polygons in the west scan box, while the Cobbly Nob fire in the east scan box actually increased in size.