

INFRARED INTERPRETER'S DAILY LOG

Incident Name: CZU August Lightning Complex CA-CZU-005205	IR Interpreter(s): Maximillian Wahlberg max.wahlberg@usda.gov	Local Dispatch Phone: CZCC (831-335-6719)	Interpreted Size: 60,762 acres Growth last period: NA (initial IR)
Flight Time: 2240 PDT (start of scan) Flight Date: 9/19/2019	Interpreter(s) location: Portland, OR Interpreter(s) Phone: 503-319-9582	GACC IR Liaison: Kyle Felker GACC IR Liaison Phone: 530-251-6112	National Coordinator: Jan Johnson National Coord. Phone: 801-975-3762
Ordered By: CA-CZU (831-335-6719)	A Number: A-29	Aircraft/Scanner System: N350FV /Overwatch Tk9	Pilots/Techs: Flight Crew Left: Cole right: Netcher tech: Ramsey
IRIN Comments on imagery: A total of 5 strips were run, all east/west. Some differences in imagery across strips, but no major issues.		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: 8/19/20 @ 2318 PDT		Type of media for final product: Shapefiles, PDF Map, KMZ, IR Daily Log	
Date and Time Products Delivered to Incident: Perimeter 8/20/20 @ 0116 PDT Full suite of products @ 0316		Digital files sent to: NIFC FTP: https://ftp.nifc.gov/public/incident_specific_data/calif_n/CA_LFIRE/!2020_Incidents/CA-CZU-005205_CZU_Lightning_Complex/IR/NIROPS/20200820/	
Comments /notes on tonight's mission and this interpretation: Tonight's perimeter mapping was from scratch and is solely based on the scan data. At the request of the incident SITL, the heat perimeter was generated and posted first, with the additional standard products delivered later. Two main heat polygons were mapped with numerous smaller heat polygons mapped in close proximity to the two big ones. The heat perimeter extends east of Empire Grade road with significant Intense heat mapped west of Boulder Creek and west of Brookdale. Numerous isolated heat sources were mapped in this area in and around structures. In addition to the main heat polygon, another large heat polygon was mapped east of Bonny Doon, west of Felton. In this area, the mapped heat remains west of the Empire grade road. On the south and west side of the fire heat was mapped nearly to and in some cases along Highway 1, though no heat was detected southwest of Highway 1. The northernmost fire extent remained south of Pescadero Creek road. Intense heat was mapped along most of the fire perimeter, with densely scattered heat throughout the entire fire interior.			