

## INFRARED INTERPRETER'S DAILY LOG

<b>Incident Name:</b> CZU August Lightning Complex CA-CZU-005205	<b>IR Interpreter(s):</b> Maximillian Wahlberg <a href="mailto:max.wahlberg@usda.gov">max.wahlberg@usda.gov</a>	<b>Local Dispatch Phone:</b> CZCC (831-335-6719)	<b>Interpreted Size:</b> 85,723 acres  <b>Growth last period:</b> +3,268 since last IR (8/24)
<b>Flight Time:</b> 1942 PDT (start of scan)  <b>Flight Date:</b> 8/25/2019	<b>Interpreter(s) location:</b> Portland, OR  <b>Interpreter(s) Phone:</b> 503-319-9582	<b>GACC IR Liaison:</b> Kyle Felker  <b>GACC IR Liaison Phone:</b> 530-251-6112	<b>National Coordinator:</b> Jan Johnson  <b>National Coord. Phone:</b> 801-975-3762
<b>Ordered By:</b> CA-CZU (831-335-6719)	<b>A Number:</b> A-83	<b>Aircraft/Scanner System:</b> N350FV /Overwatch Tk9	<b>Pilots/Techs:</b>  <b>Flight Crew</b> Left: Ham right: Donaldson tech: Neubert
<b>IRIN Comments on imagery:</b> Tonight's imagery had multiple issues. The LWIR band was completely misaligned and unusable. The MWIR band had areas of significant image shift and orthorectification issues.		<b>Weather at time of flight:</b> Cloudy	<b>Flight Objective:</b> Map heat perimeter, intense heat, scattered heat, and isolated heat
<b>Date and Time Imagery Received by Interpreter:</b> 8/25/20 @ 2030 PDT		<b>Type of media for final product:</b> Shapefiles, PDF Map, KMZ, IR Daily Log	
<b>Date and Time Products Delivered to Incident:</b> Perimeter 8/25/20 @ 2205 PDT Products at 0145		<b>Digital files sent to:</b> NIFC FTP: <a href="https://ftp.nifc.gov/public/incident_specific_data/calif_n/CA_LFIRE/!2020_Incidents/CA-CZU-005205_CZU_Lightning_Complex/IR/NIROPS/20200825/">https://ftp.nifc.gov/public/incident_specific_data/calif_n/CA_LFIRE/!2020_Incidents/CA-CZU-005205_CZU_Lightning_Complex/IR/NIROPS/20200825/</a>	
<b>Comments /notes on tonight's mission and this interpretation:</b> Tonight was the first full scan of the CZU Complex in a couple nights. Mapping used the incident perimeter from NIFS as the base The large previously unburned island between Butano Creek and South Fork Butano Creek has now filled in, and showed areas of intense heat. Intense heat was mapped along the fire's western perimeter, including at Loma Mar, Dearborn Park, and south the Div E/Div C break. Intense heat along the fire's edge was also mapped in Div ZZ on the ridgetop above San Vicente Creek. Perimeter growth and intense heat along the fire's edge was mapped in Div TT from Felton Empire Road north to Fall Creek Truck Trail as well as in the upper Deans Creek Drainage, east of Fanning Grade Road and south of Brookdale both north and south of Manzanita Way. Much of the fire's interior has densely scattered heat with the exception of the lower slopes near the coast in Div A and Div C. <b>One isolated heat source was mapped 0.35 miles north of the main heat perimeter in Div E. This heat source was located in San Mateo County Memorial Park, south of Pescadero Road at 37 16.6050N 122 17.6018W.</b>			