

INFRARED INTERPRETER'S DAILY LOG

Incident Name: MNF August Complex (North) CA-MNF-000753	IR Interpreter(s): Elise Bowne elise.bowne@usda.gov	Local Dispatch Phone: Mendocino 530-934-7758	Interpreted Size: North: XXXXX acres Growth last period: North: XXXXX acres
Flight Time: 2200 PDT Flight Date: 9/17/2020	Interpreter(s) location: Denver, CO Interpreter(s) Phone: 303-517-7510	GACC IR Liaison: Kyle Felker GACC IR Liaison Phone: 530-251-6112	National Coordinator: Jan Johnson National Coord. Phone: 801-824-5440
Ordered By: CA-MNF	A Number: A-257	Aircraft/Scanner System: N350FV / TK-9	Pilots/Techs: Keller, Cole / Ramsey
IRIN Comments on imagery: Clear, still some issues with alignment		Weather at time of flight: Clear	Flight Objective: Map a heat perimeter and intensities of heat
Date and Time Imagery Received by Interpreter: 9/17/2020 @ 2320 PDT		Type of media for final product: Shape Files, PDF Maps, IR Interpreters Log and KMZ	
Date and Time Products Delivered to Incident: 9/18/2020 @ 0430 PDT		Digital files sent to: https://ftp.nifc.gov/public/incident_specific_data/calif_n/!2020_FEDERAL_Incidents/CA-MNF000753_August_Complex/IR/	
Comments /notes on tonight's mission and this interpretation: Began with perimeters from NIFS and perimeter from West Zone GISS – combined and updated to get an updated overall perimeter, then divided the IR interpretation north and south along the north/south zone break shown in the NIFS perimeter. Three isolated heat sources detected tonight around Ruth Lake, they are mapped and included in the isolated heat shape file. Two of the lat/longs are indicated on the map, without callout labels. The locations are: 40° 21.873' N x 123° 24.799' W 40° 20.095' N x 123° 24.679' W 40° 20.102' N x 123° 24.698' W No Data Areas of Interest: There are two areas with a gap in coverage, east and west. The one on the west was smaller tonight. Intense Heat is to be found in areas of perimeter growth, especially on the north of the main perimeter and in the isolated areas of heat north of the main perimeter. The interior of the heat perimeter is scattered with heat. The unburned islands continue to fill in. Online a few isolated heat sources identified tonight – all outside the main perimeter. Clouds were present in the imagery tonight, they were mapped where they at least partially obscured the data (water vapor in clouds absorbs infrared very well). Both the clouds and the No Data polygons are included so it is known where the interpreter could not clearly see the ground and/or the fire. Questions/Comments – contact the interpreter via the contact info above.			