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| **Incident Name:**MNF August Complex(Northwest, Northeast)CA-MNF-000753 | **IR Interpreter(s):**Elise Bowneelise.bowne@usda.gov | **Local Dispatch Phone:**Mendocino 530-934-7758 | **Interpreted Size:**SEE TABLE BELOW acres**Growth last period:** |
| **Flight Time:**2230 PDT**Flight Date:**10/19/2020 | **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:**SITLAlex Enna 541-410-1691 | **A Number:**A-307 | **Aircraft/Scanner System:**Tenax N350FV / Overwatch TK-9 | **Pilots/Techs:**Tech: Niko Peha |
| **IRIN Comments on imagery:**7 passes – Very clear imagery | **Weather at time of flight:**Clear | **Flight Objective:**Map a heat perimeter and intensities of heat |
| **Date and Time Imagery Received by Interpreter:**10/20/2020 @ 0115 PDT | **Type of media for final product:**Shape Files, PDF Maps, IR Interpreters Log and KMZ **Digital files sent to:** https://ftp.nifc.gov/public/incident\_specific\_data/calif\_n/!2020\_FEDERAL\_Incidents/CA-MNF000753\_August\_Complex/IR/NIROPS |
| **Date and Time Products Delivered to Incident:**10/20/2020 @ 0500 PDT  |
| **Comments /notes on tonight’s mission and this interpretation:**Started with heat perimeter from previous night, using the perimeter from NIFS as a guide for additional updates. Shapefiles posted for north area and combined data for ALL ZONES. Area calculations are in UTM10 N, NAD83

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| **Zone** | **Acres** | **Growth since last Period**  |
| Northeast Zone | 270,812 | 15 |
| Northwest Zone | 167,236 | 9 |
| South Zone | 593,790 | 0 |
| **Total Complex Acres** | **1,031,838** | **24** |

There were twp very small areas of heat perimeter growth detected tonight. The first is in the area of the burnout (NW zone) near the West Fork Van Duzen River, with a small area of intense heat backing down toward the river. The other area of heat perimeter growth was in an unburned island, near the SW of Brushy Mountain on the NE part of the incident. While the island has shown heat in the entire polygon, it may have already burned with the heat detected being residual heat in the trees that are in the center of the island. There were scattered small changes on the other unburned islands, including, the large unburned area between the northeast and south zones. Questions/ Comments – contact the interpreter via the contact info above. |