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| **Incident Name:**MNF August Complex(Northwest, Northeast & West)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:**2200 PDT**Flight Date:**10/10/2020 | **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:**SITLKaren Short 406-396-9147 | **A Number:**A-291 | **Aircraft/Scanner System:**Tenax N350FV / Overwatch TK-9 | **Pilots/Techs:**Doug Stevens/Andy HussmanTech: Kelsey Ramsey |
| **IRIN Comments on imagery:**8 passes Georeferencing was erratic requiring much adjustment. Clouds present especially on the east/south. | **Weather at time of flight:**Clear during the time when data was acquired. | **Flight Objective:**Map a heat perimeter and intensities of heat |
| **Date and Time Imagery Received by Interpreter:**10/11/2020 @ 0105 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:**10/11/2020 @ 0445 PDT  |
| **Comments /notes on tonight’s mission and this interpretation:**Started interpretation with Complex perimeter pulled from NIFS at 2100 PDT. Please see the No Data area on the maps and also the No Data shapefile to see the areas that were not flown tonight. The cloud layer was also mapped tonight to show areas where more heat is possible. Water vapor in clouds absorbs infrared. There are zip files for North shapefiles only and one for combined data for ALL ZONES. Area calculations are in UTM10 N, NAD83

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| **Zone** | **Acres** | **Growth since last Period**  |
| Northeast Zone | 269,824 | 108 |
| Northwest Zone | 80,607 | 9730 |
| South Zone | 610,412 | 2 |
| West Zone | 67,126 | 66 |
| **Total Complex Acres** | **1,027,969** | **1,149** |

**August Complex Northeast, Northwest & West:**Some heat perimeter growth along the north part of the fire, small amount in the NE. Also heat perimeter growth noted in area of burnout pn the west near the confluence of East Fork North Fork Eel River and Bradburn Creek. A few very small areas of intense heat mapped, but the rest is scattered and isolated heat. Additionally, the large unburned area between the northeast and south zones had some activity and filling in on the west side. More heat probably exists under the clouds.Questions/ Comments – contact the interpreter via the contact info above. |