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| **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  **Digital files sent to:** https://ftp.nifc.gov/public/incident\_specific\_data/calif  \_n/!2020\_FEDERAL\_Incidents/CA-MNF000753\_August\_Complex/IR/ | |
| **Date and Time Products Delivered to Incident:**  9/18/2020 @ 0430 PDT | |
| **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. | | | |