|  |  |  |  |
| --- | --- | --- | --- |
| **Incident Name:**MNF August ComplexCA-MNF-000753 | **IR Interpreter(s):**Brian BanksBrian.banks@usda.gov | **Local Dispatch Phone:**Mendocino (530-934-7758) | **Interpreted Size:**571,799 acres**Growth:**+ 2,171 acres  |
| **Flight Time:**0000 PDT**Flight Date:**9/28/2020 | **Interpreter(s) location:**Denver, CO**Interpreter(s) Phone:**720-591-9490 | **GACC IR Liaison:**NA**GACC IR Liaison Phone:**NA | **National Coordinator:**Jan Johnson**National Coord. Phone:**801-824-5440 |
| **Ordered By:**CA-MNF (530-934-7758) | **A Number:**A-267 | **Aircraft/Scanner System:**Tenax N350FV /Overwatch TK9 | **Pilots/Techs:**Left: ColeRight: DonaldsonTech: Peha |
| **IRIN Comments on imagery:**4 passes. | **Weather at time of flight:**Clear. | **Flight Objective:**Map heat perimeter, intense heat, scattered heat, and isolated heat |
| **Date and Time Imagery Received by Interpreter:**9/28/2020 @ 1215 PDT | **Type of media for final product:**Shapefiles, PDF Map, KMZ, IR Daily Log**Digital files sent to:** [https://ftp.nifc.gov/public/incident\_specific\_data/calif\_n/!2020\_FEDERAL\_Incidents/CA-MNF-000753\_August\_Complex/IR/NIROPS/20200928/](https://ftp.nifc.gov/public/incident_specific_data/calif_n/%212020_FEDERAL_Incidents/CA-MNF-000753_August_Complex/IR/NIROPS/20200928/) |
| **Date and Time Products Delivered to Incident:**9/28/2020 @ 0415 PDT |
| **Comments /notes on tonight’s mission and this interpretation:**I started with the incidents perimeter.There were several duplicate polygons in the layer I received from the incident. I deleted all duplicate polygons to make editing easier and reduce the likelihood for errors. I also merged several slivers between boundaries.**August Complex South**: This is my first time working with the Tenax Imagery system. This system requires frequent orthorectifications to ensure accuracy. This means that a typical interpretation is much more time consuming. I would have liked to map more isolated and scattered heat in the interior but just did not have enough time. Please feel free to provide feedback on accuracy of heat so that I can validate and or improve my interpretation. There are many pockets of intense and scattered heat, mostly in internal unburned islands on the norther and western edge.Several pockets of unburned ground had significant heat in them adding to the perimeter acres particularly on the north boundary.There is too much scattered heat in the interior to map, scattered heat mapped represents intense concentrations of scattered heat. Similarly, mapped Isolated heat sources represent large signatures or concentrations of isolated heat. |