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| **Incident Name:**  LOYALTON  (CA- TNF-001600) | **IR Interpreter(s):**  *Cheron Ferland*  [*cheron.ferland@usda.gov*](mailto:cheron.ferland@usda.gov) | **Local Dispatch Phone:**  Grass Valley | **Interpreted Size:**  44,440 Acres  **Growth last period:**  996 Acres |
| **Flight Time:**  0145 PDT  **Flight Date:**  August 19, 2020 | **Interpreter(s) location:**  Taos, NM  **Interpreter(s) Phone:**  541-654-1122 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Jan Johnson  **National Coord. Phone:** |
| **Ordered By:**  John Owen | **A Number:**  66 | **Aircraft/Scanner System:**  Tenax | **Pilots/Techs:**  Tenax |
| **IRIN Comments on imagery:**  Good Imagery but orthorectification was required; 4 Passes | | **Weather at time of flight**  Clear | **Flight Objective:**  Map heat perimeter, intense, scattered, and isolated heat |
| **Date and Time Imagery Received by Interpreter:** | | **Type of media for final product: p**df map, IR log, KMZ and shapefiles  **Digital files sent to:**  [ftp.nifc.gov](ftp://ftp.nifc.gov)  /incident\_specific\_data/calif\_n/!2020\_FEDERAL\_Incidents/CA-TNF-001600\_Loyalton/IR/NIROPS | |
| **Date and Time Products Delivered to Incident:** | |
| **Comments /notes on tonight’s mission and this interpretation:**  I began mapping from the previous heat perimeter (9/16/2020).  The Tenax imagery is challenging to interpret since it does not include a raw heat file to compare interpretation to. It also requires a lot of manipulation of each run and there are rectification issues.  The heat perimeter expanded by 996 acres (2%).  The only area of heat expansion was on the southern flank where the fire expanded up to 0.5 miles west of Dark Canyon and south of Balls Canyon. There was intense heat in the expansion zones.  There was scattered heat throughout the forested portions of the southern half of the fire.   |  |  | | --- | --- | |  |  | | | | |