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| **Incident Name:**Antelope**Incident #:** CA-KNF-006454**Project #:** P5N7H2 | **IR Interpreter(s):**Andrew MaxwellAndrewL.Maxwell4@gmail.com | **Local Dispatch Phone:**YICC 530-841-4600 | **Interpreted Size**: 70,897 acres**Growth last period:** 286 acres |
| **Flight Time:**2055 MDT**Flight Date:**08/24/2021 | **Interpreter(s) location:**Cedar City, UT.**Interpreter(s) Phone:**435-590-3362 | **GACC IR Liaison:**Kyle Felker**GACC IR Liaison Phone:**530-251-6112 | **National Coordinator:**Tom Mellin**National Coord. Phone:**505-301-8167 |
| **Ordered By:**CA-KNF 530-398-5724 | **A Number:****A #:** 169 | **Aircraft/Scanner System:**N57RS/ TK7 | **Pilots/Techs:**L. Terry/ P. Marinko |
| **IRIN Comments on imagery:**Good Imagery, fire went outside flight box on the n border | **Weather at time of flight:**Clear, with some haze | **Flight Objectives:**heat perimeter, intense heat, scattered heat, isolated points |
| **Date and Time Imagery Received by Interpreter:**08/24/2021 2220 MDT | **Type of media for final product:**Shapefiles, KMZ files, maps, IRIN log**Digital files sent to:**[https://ftp.wildfire.gov/public/incident\_specific\_data/calif\_n/!2021\_FEDERAL\_Incidents/CA-KNF-006454\_Antelope/IR/](https://ftp.wildfire.gov/public/incident_specific_data/calif_n/%212021_FEDERAL_Incidents/CA-KNF-006454_Antelope/IR/)brandon.dethlefs@usda.govcayicc@firenet.govtroy.parrish@usda.gov |
| **Date and Time Products Delivered to Incident:**08/25/2021 0235 MDT |
| **Comments /notes on tonight’s mission and this interpretation:**Deliverables sent to: brandon.dethlefs@usda.gov, cayicc@firenet.gov, troy.parrish@usda.gov. Also will be uploaded to FTP site.Used Previous Day Event Polygon perimeter - Acres: 70,611 Small perimeter polygon to the east near the flight box edge was a part of the starting event polygon, but there is no  heat within itLarge intense heat growth in the south center of the fireIR imagery was distorted due to camera sensor crash and internal stitching issues with mosaic.  Imagery was delivered in a left and right side with various issues on each side.  Mosaic stitching and image ghosting throughout imagery.  Georeferencing was used to adjust imagery in order to salvage as much of the heat locations as possible.  West two thirds of IR imagery had the majority of the distortion, stitching issues and image ghosting in the southern section.  Image ghosting tends to repeat sections of the imagery but at shifted locations, making heat location interpretation difficult if not impossible.  The majority of image ghosting was in the south-central section on the western two thirds of IR.  The East third IR also had referencing issues and a variety of stitching issues in the mosaic, not as many ghosting issues. Georeferencing was used to create a best fit to ground and left right IR imagery. Confidence level in IR interpretation about 80% after all adjustments   |