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| **Incident Name:**  Red Bank  CA-TGU-009386 | **IR Interpreter(s):**  Bob Brantlinger  970-769-6551  Robert.brantlinger@usda.gov | **Local Dispatch Phone:**  Northern OPS  509-884-3473 | **Interpreted Size:**  8000  **Growth since last IR Perimeter: 8000** |
| **Flight Time:**  2213 PDT  **Flight Date:**  09/06/2019 | **Interpreter(s) location:**  Durango, CO  **Interpreter(s) Phone:**  970-769-6551 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Tom Mellin  **National Coord. Phone:**  505-842-3845 |
| **Ordered By:**  Jim Day  951-704-5132 | **A Number:**  A-Pending | **Aircraft/Scanner System:**  N149Z / Phoenix | **Pilots/Techs:**  Boyce/Johnson/Mike |
| **IRIN Comments on imagery:**  Clear imagery | | **Weather at time of flight:**  Clear | **Flight Objective:**  Identify and map Heat perimeter, Scattered Heat and Isolated Heat Sources. |
| **Date and Time Imagery Received by Interpreter:**  09/06/2019 – 2345 PDT | | **Type of media for final product:**  Shape files, KMZ, PDF, and IRIN Log  **Digital files sent to: NIFC FTP @ /incident\_specific\_data/calif\_n/!CALFIRE/2019\_Incidents/CA-TGU-009386\_Red\_Bank/IR/20190907** | |
| **Date and Time Products Delivered to Incident:**  09/07/2019 – 0230 PDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  First night of IR – No available perimeters to start with from EGP/NIFS.  Interpretation was difficult based on the fuel types and shift in scanner data. Used Satellite heat hits to supplement NIROPS scan and determine areas that were previously burned but showing no heat to create heat perimeter.    Start Interpretation – 0 Acres.  End – 8000 Acres  Growth – 8000 Acres.  Perimeter was based on using Satellite and NIROPS data to include previous burnt areas that contained no heat during the scan. End perimeter was 8000 acres. Some of these areas will need to be updated with ground truth data and updated.  - Intense Heat – Predominately along areas in the western perimeter. Largest areas were north and south of Long Gulch along perimeter, including areas north of Lanyan Trail. North of Fresh water Gulch and Kingsley Creek along perimeter. East of Skinner Mill Place. On the eastern perimeter there is an area of intense heat in the Cottonwood Creek ridge, just west of Cooks flat.  - Scattered Heat – Both side of the Cold Fork Drainage from west to east. Largest area North of Wood yard flat. Between Cottonwood Creek and Cooks ridges is a large area of scattered heat. Long Gulch contains scattered heat in the interior and Intense heat along the perimeter.  - Isolated heat – There are 4 isolated heat sources that are outside perimeter along the Weemasoul creek, just west of Schoolhouse flat. These could be equipment or spike camps but added for confirmation.  I added the Lat/Long to the IR isolated heat source layer attribute table. All pdf IR maps are georeferenced for use in Avenza and other apps. | | | |