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| **Incident Name:**  CA-BTU-009205 | **IR Interpreter(s):**  Lance R. Brady | **Local Dispatch Phone:**  Susanville ECC | **Interpreted Size:**  960,729  **Growth last period:**  322 acres |
| **Flight Time:** 1844 PDT  **Flight Date:**  Sept 16, 2021 | **Interpreter(s) location:**  Lakewood, Colorado  **Interpreter(s) Phone:**  928-965-4345 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Jan Johnson  **National Coord. Phone:**  **801-975-3762** |
| **Ordered By:**  Mark Lemon  sierrasitunit@gmail.com | **A Number:**  A-20300 | **Aircraft/Scanner System:**  Tenax | **Pilots/Techs:**  Rachel |
| **IRIN Comments on imagery:**  Clear imagery, 2 scan boxes, One Northwest scan box and one Southeast scan box | | **Weather at time of flight:**  Clear | **Flight Objective:**  Shapefiles, GDB, KMZ files, Maps |
| **Date and Time Imagery Received by Interpreter:**  2200 PDT Sept 16 2021 | | **Type of media for final product:**  Shapefiles, GDB, KMZ files, maps, IRIN log, NIFS  **Digital files sent to:**  /incident\_specific\_data/calif\_n/!CALFIRE/!2021\_Incidents/CA-BTU-009205\_Dixie/IR/NIROPS/20210917 | |
| **Date and Time Products Delivered to Incident:**  0230 PDT Sept 17, 2021 | |
| **Comments /notes on tonight’s mission and this interpretation:**  Tonight’s infrared interpretation is based on the Wildfire Daily Perimeter from NIFS Feature Service obtained at 1900.  There were nine passes concentrated over two specific areas of the Dixie Fire; the northwest (four passes) and southeast (five passes) covering the active perimeter. Minor growth with pockets of intense heat and scattered heat was observed in the northwest perimeter. Verification of isolated heat sources outside of the main incident perimeter in the southeastern scan box, southeast of main fire perimeter is advised. Possibly could be hot rocks or hot springs. No growth was observed in the southeast portion of the fire. Tenax IR scanner is more sensitive and some heat sources could be false indications of heat from natural heat sources like rocks or hot springs. Acreage calculation was based on UTM NAD1983 zone 10N.  All products posted to NIFS and ftp site per SITL. | | | |